

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141161.D
 Acq On : 14 Jan 2025 22:08
 Operator : RC/JU
 Sample : Q1077-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-01132025

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141161.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	11	17	23	rVB	52978	85212	2.38%	0.140%
2	3.881	297	304	312	rBV	36777	62654	1.75%	0.103%
3	5.028	487	499	516	rVB	94750	161130	4.50%	0.265%
4	5.434	558	568	573	rBV	1773174	2465087	68.89%	4.047%
5	5.669	600	608	615	rBV3	31192	59406	1.66%	0.098%
6	6.351	720	724	727	rBV2	43343	56846	1.59%	0.093%
7	6.440	732	739	747	rBV	1715454	2437876	68.13%	4.002%
8	6.657	770	776	788	rVB2	155271	270655	7.56%	0.444%
9	6.822	799	804	811	rVV	662309	868569	24.27%	1.426%
10	6.881	811	814	818	rVB2	53264	63094	1.76%	0.104%
11	6.998	832	834	838	rVB	41138	46906	1.31%	0.077%
12	7.093	840	850	854	rBV3	99072	206946	5.78%	0.340%
13	7.140	854	858	865	rVB3	88532	168742	4.72%	0.277%
14	7.216	865	871	875	rBV2	101087	147970	4.14%	0.243%
15	7.287	880	883	885	rBV	35678	47086	1.32%	0.077%
16	7.381	890	899	903	rBV	1197401	1732647	48.42%	2.844%
17	7.416	903	905	909	rVB	254761	289758	8.10%	0.476%
18	7.469	909	914	917	rVB5	77633	107607	3.01%	0.177%
19	7.504	917	920	923	rBV3	36162	53430	1.49%	0.088%
20	7.593	930	935	936	rBV2	46779	69532	1.94%	0.114%
21	7.622	936	940	949	rVB4	138095	300297	8.39%	0.493%
22	7.728	950	958	959	rBV4	79829	155739	4.35%	0.256%
23	7.781	964	967	971	rVB3	85366	134106	3.75%	0.220%
24	7.845	971	978	985	rBV5	186744	518015	14.48%	0.850%
25	7.898	985	987	989	rVV2	57259	68127	1.90%	0.112%
26	7.940	992	994	997	rVB	83487	90972	2.54%	0.149%
27	7.975	997	1000	1003	rVB	49415	49887	1.39%	0.082%
28	8.098	1009	1021	1023	rBV2	945840	1843177	51.51%	3.026%
29	8.122	1023	1025	1030	rVV	1151902	1465374	40.95%	2.406%
30	8.163	1030	1032	1036	rVB2	108863	127963	3.58%	0.210%
31	8.275	1045	1051	1053	rBV5	62339	118187	3.30%	0.194%
32	8.304	1053	1056	1060	rVV3	101200	135965	3.80%	0.223%
33	8.398	1066	1072	1078	rVV7	128726	257081	7.18%	0.422%
34	8.451	1078	1081	1084	rBV3	75355	83022	2.32%	0.136%
35	8.487	1084	1087	1090	rBV3	132440	146639	4.10%	0.241%
36	8.528	1090	1094	1099	rBV2	128981	195611	5.47%	0.321%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.610	1104	1108	1112	rBV2	210393	266757	7.45%	0.438%
38	8.698	1118	1123	1127	rBV	498948	632069	17.66%	1.038%
39	8.763	1131	1134	1137	rVV3	129375	187088	5.23%	0.307%
40	8.816	1138	1143	1147	rVB	1380424	1741424	48.66%	2.859%
41	8.863	1147	1151	1154	rBV4	44246	73443	2.05%	0.121%
42	8.916	1154	1160	1168	rBV	1234410	1724802	48.20%	2.831%
43	9.104	1189	1192	1193	rBV	59885	67739	1.89%	0.111%
44	9.128	1193	1196	1200	rVB3	123292	151880	4.24%	0.249%
45	9.181	1200	1205	1209	rVB	1908000	2425030	67.77%	3.981%
46	9.263	1214	1219	1225	rBV2	585057	1039345	29.04%	1.706%
47	9.328	1228	1230	1233	rBV2	58870	67068	1.87%	0.110%
48	9.375	1234	1238	1244	rVB	366128	573211	16.02%	0.941%
49	9.439	1244	1249	1254	rBV	614999	1006604	28.13%	1.652%
50	9.516	1257	1262	1265	rBV	804121	1152861	32.22%	1.893%
51	9.581	1270	1273	1279	rVV5	243718	412118	11.52%	0.677%
52	9.634	1279	1282	1288	rVB2	415414	625820	17.49%	1.027%
53	9.716	1292	1296	1301	rVB	392921	515270	14.40%	0.846%
54	9.792	1305	1309	1313	rVB	506808	607408	16.97%	0.997%
55	9.857	1313	1320	1323	rBV2	782057	1257903	35.15%	2.065%
56	9.892	1323	1326	1330	rVB	684855	800742	22.38%	1.314%
57	9.963	1334	1338	1342	rBV2	253305	349040	9.75%	0.573%
58	10.016	1342	1347	1350	rBV4	123612	238711	6.67%	0.392%
59	10.057	1350	1354	1358	rVB	331841	439554	12.28%	0.722%
60	10.104	1358	1362	1369	rVB3	201258	352925	9.86%	0.579%
61	10.175	1370	1374	1377	rBV2	164529	225168	6.29%	0.370%
62	10.292	1386	1394	1400	rBV3	538637	866286	24.21%	1.422%
63	10.404	1409	1413	1419	rBV3	313216	478574	13.37%	0.786%
64	10.469	1419	1424	1426	rBV2	183881	322086	9.00%	0.529%
65	10.569	1437	1441	1444	rVB3	217146	299529	8.37%	0.492%
66	10.645	1448	1454	1458	rVB	985994	1331624	37.21%	2.186%
67	10.769	1470	1475	1482	rVB	646672	1026284	28.68%	1.685%
68	10.951	1501	1506	1509	rBV3	196871	352401	9.85%	0.578%
69	10.981	1509	1511	1516	rVB3	156412	222184	6.21%	0.365%
70	11.216	1547	1551	1553	rBV	383622	504279	14.09%	0.828%
71	11.245	1553	1556	1562	rVB2	496313	680563	19.02%	1.117%
72	11.369	1568	1577	1582	rBV2	2096195	3578448	100.00%	5.874%
73	11.422	1582	1586	1589	rVV	520928	672234	18.79%	1.104%
74	11.457	1589	1592	1595	rVV2	71201	89674	2.51%	0.147%
75	11.639	1620	1623	1627	rBV	380304	506586	14.16%	0.832%
76	11.675	1627	1629	1637	rVB	204034	246842	6.90%	0.405%

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77	11.845	1654	1658	1660	rBV	418421	538697	15.05%	0.884%
78	11.875	1660	1663	1667	rVB	662536	817104	22.83%	1.341%
79	11.922	1668	1671	1673	rVV2	155089	184436	5.15%	0.303%
80	11.957	1673	1677	1686	rVB	786123	1597238	44.63%	2.622%
81	12.051	1689	1693	1696	rBV	284147	359802	10.05%	0.591%
82	12.145	1705	1709	1718	rVB2	246736	418260	11.69%	0.687%
83	12.292	1728	1734	1737	rBV3	126000	276041	7.71%	0.453%
84	12.398	1748	1752	1755	rBV	380447	555399	15.52%	0.912%
85	12.451	1755	1761	1765	rVB4	946155	1760112	49.19%	2.889%
86	12.557	1775	1779	1784	rBV	991414	1280876	35.79%	2.103%
87	12.657	1793	1796	1802	rVB3	102115	132106	3.69%	0.217%
88	12.710	1803	1805	1813	rVB4	137468	223206	6.24%	0.366%
89	12.786	1813	1818	1825	rBV	1389557	2241764	62.65%	3.680%
90	12.933	1838	1843	1850	rVB	1710987	2296296	64.17%	3.770%
91	13.010	1852	1856	1862	rVV2	151832	286257	8.00%	0.470%
92	13.180	1880	1885	1888	rBV3	223217	344194	9.62%	0.565%
93	13.222	1888	1892	1896	rBV2	212976	276024	7.71%	0.453%
94	13.310	1904	1907	1910	rBV2	171920	210550	5.88%	0.346%
95	13.345	1910	1913	1916	rVB	201104	224577	6.28%	0.369%
96	13.980	2016	2021	2025	rBV2	933121	1678312	46.90%	2.755%
97	15.027	2195	2199	2209	rVB	315899	644337	18.01%	1.058%
98	15.321	2246	2249	2255	rVB	235706	338159	9.45%	0.555%
99	15.386	2256	2260	2265	rBV	354244	488858	13.66%	0.802%
100	15.445	2266	2270	2274	rBV	358829	541602	15.14%	0.889%

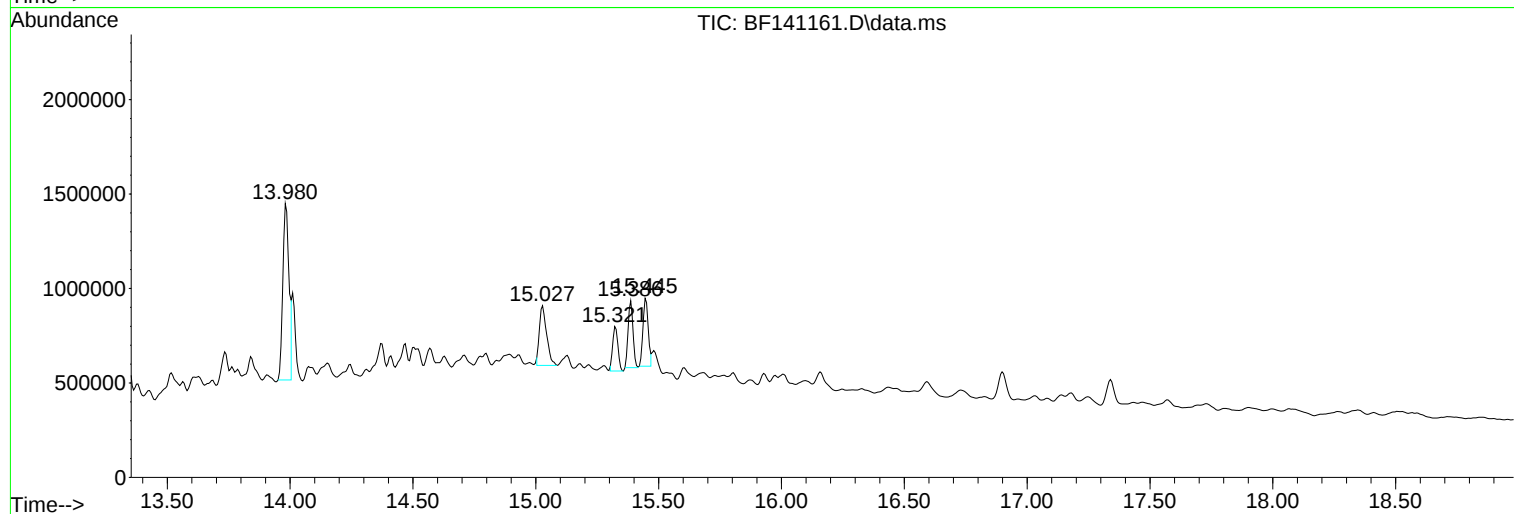
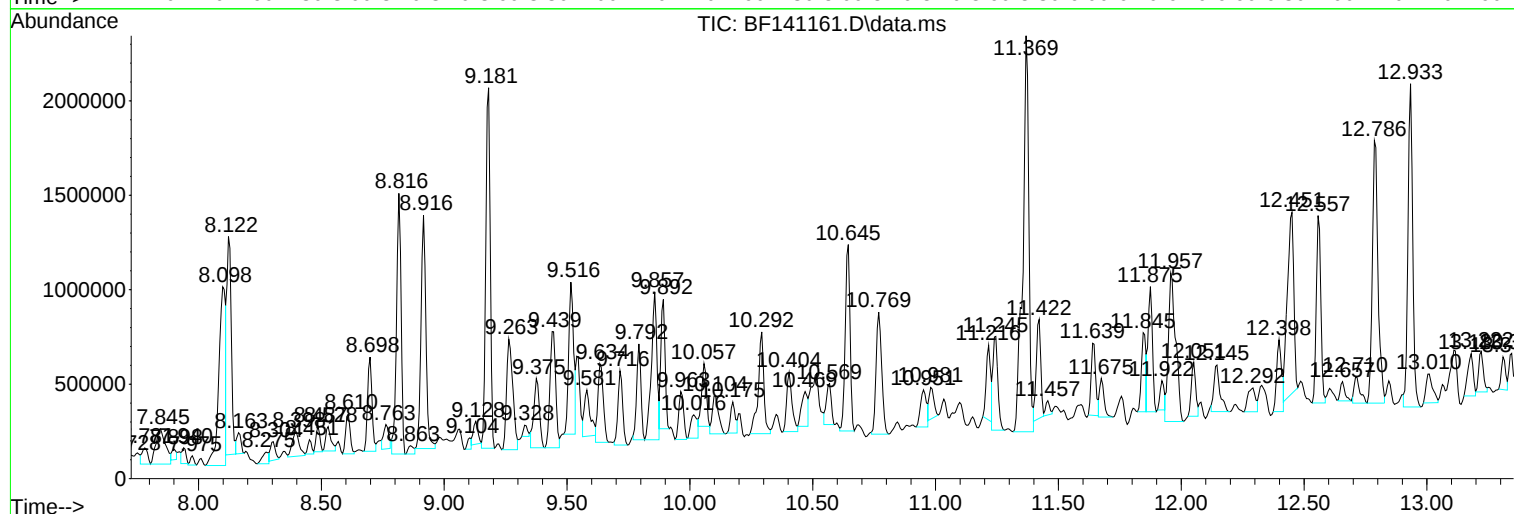
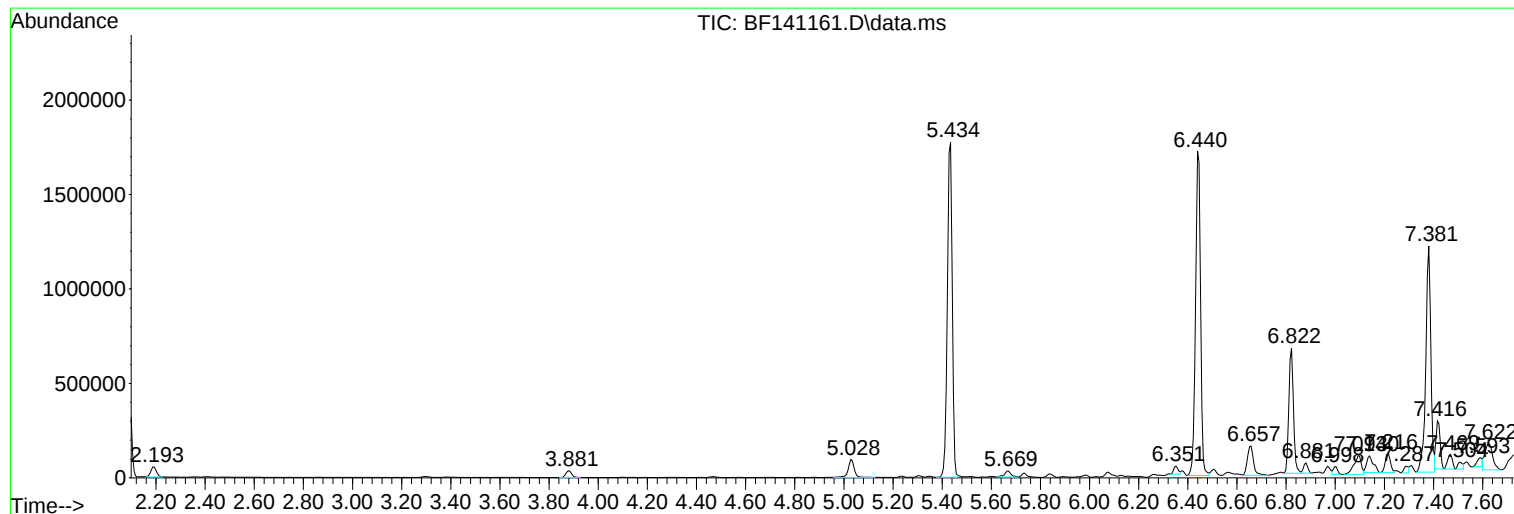
Sum of corrected areas: 60917096

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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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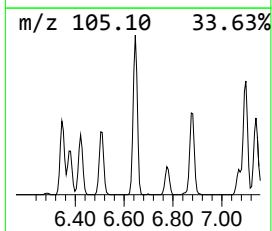
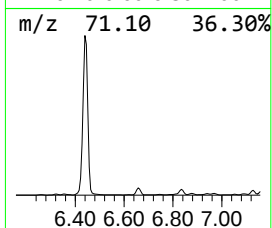
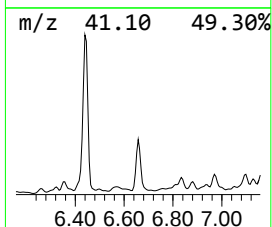
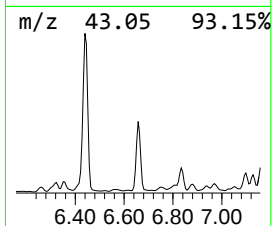
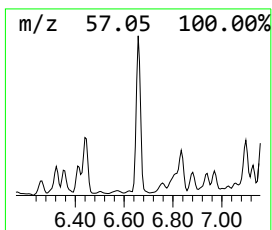
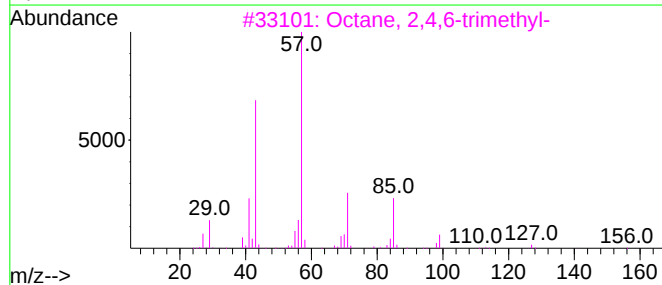
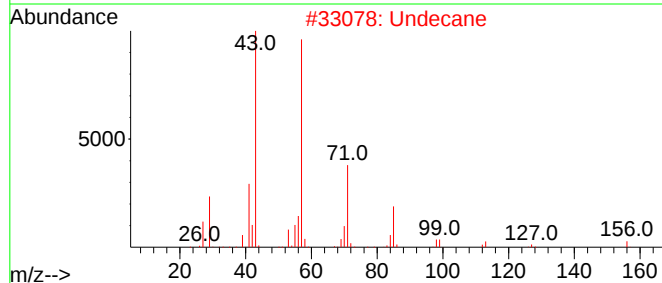
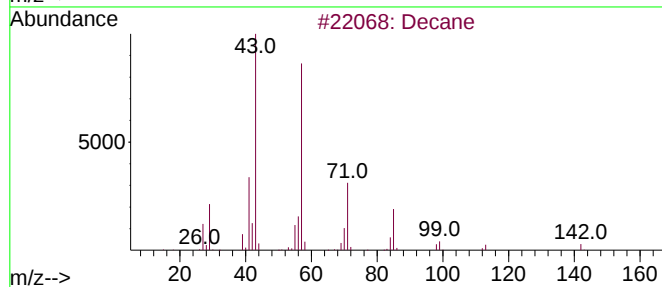
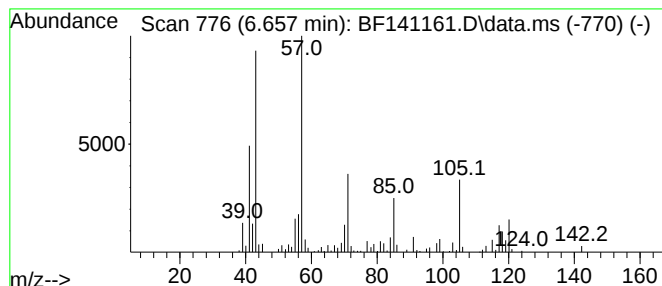
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Decane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.657	6.23 ng	270655	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	86
2			Undecane	156	C11H24	001120-21-4	43
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38
4			Hexadecane	226	C16H34	000544-76-3	38
5			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	38



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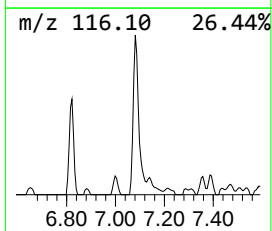
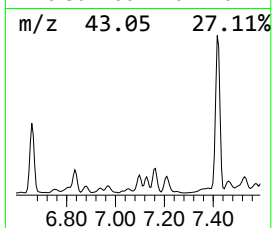
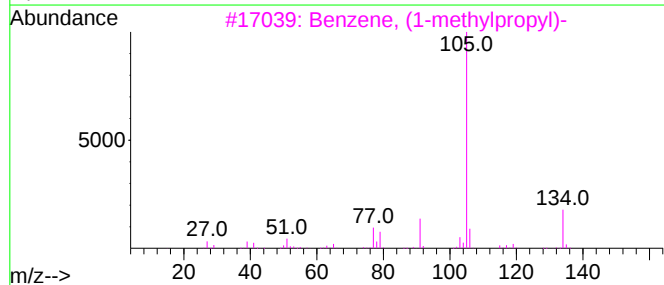
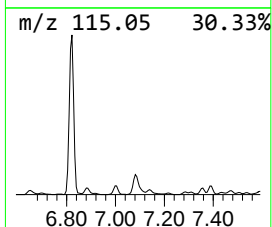
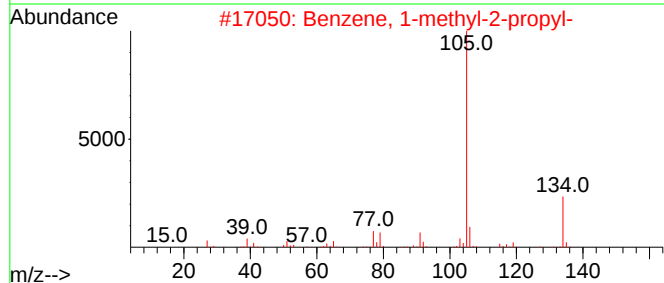
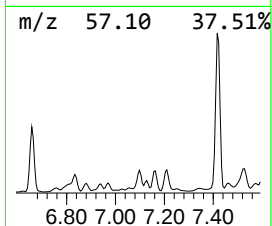
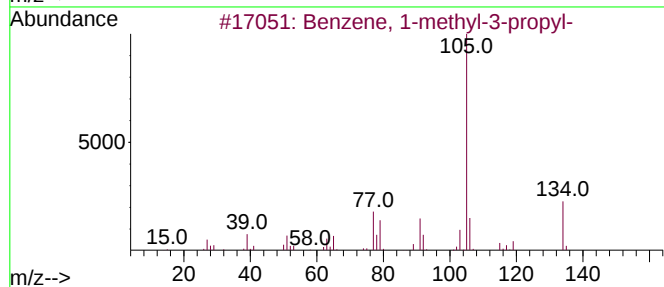
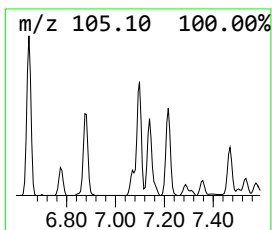
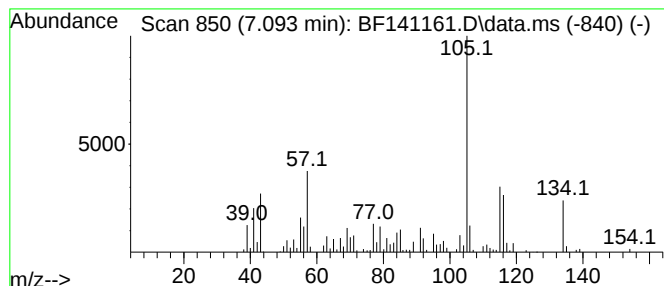
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.093	4.77 ng	206946	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	52
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	42



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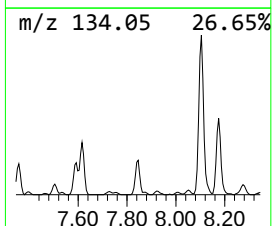
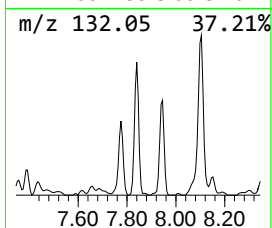
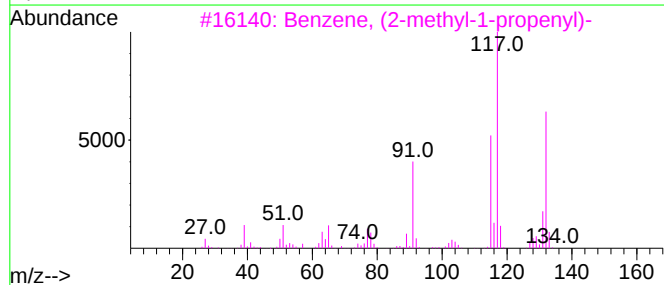
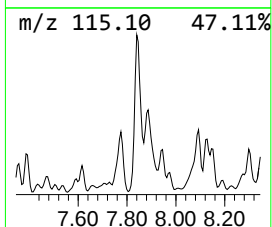
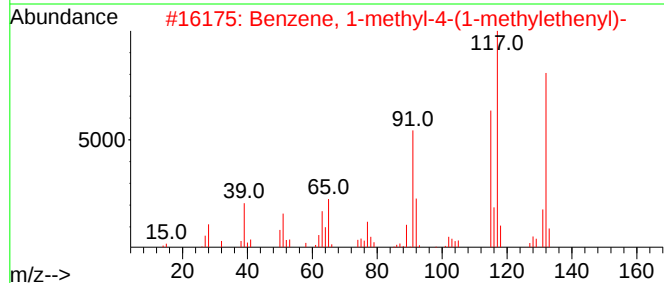
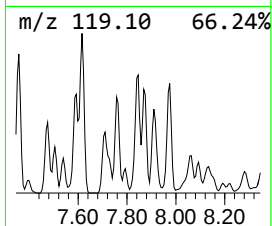
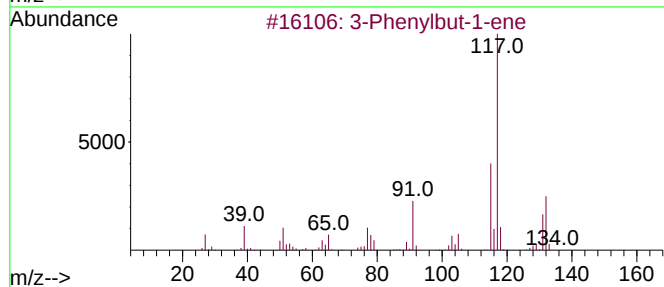
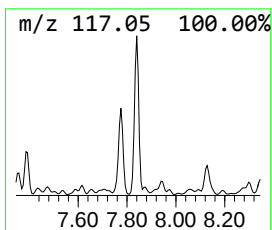
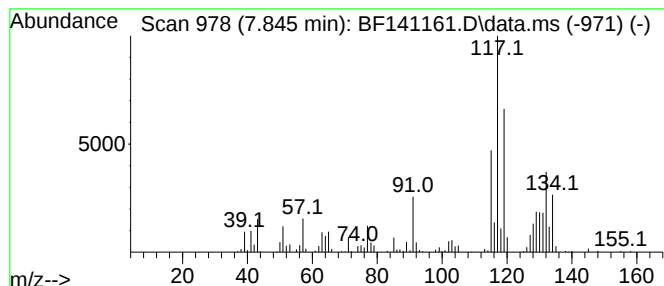
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Phenylbut-1-ene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.845	5.62 ng	518015	Naphthalene-d8	8.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
2			Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	60
3			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	60
4			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	53
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
Operator : RC/JU
Sample : Q1077-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-01132025

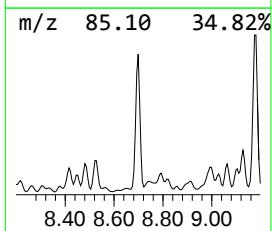
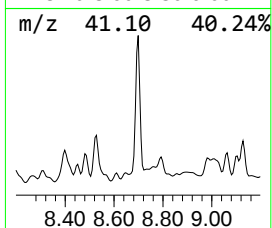
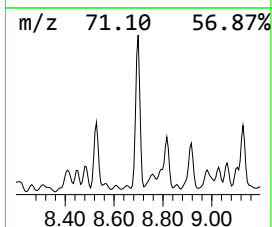
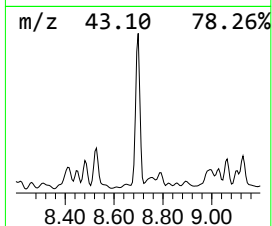
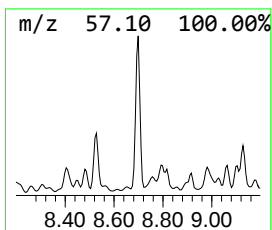
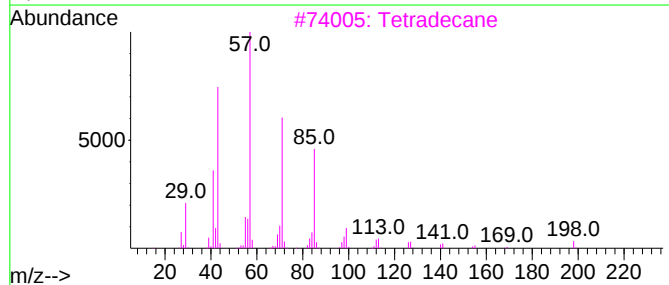
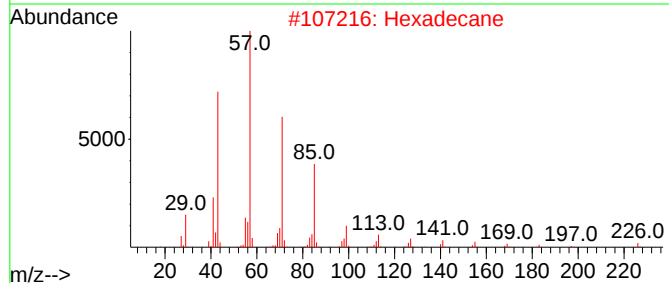
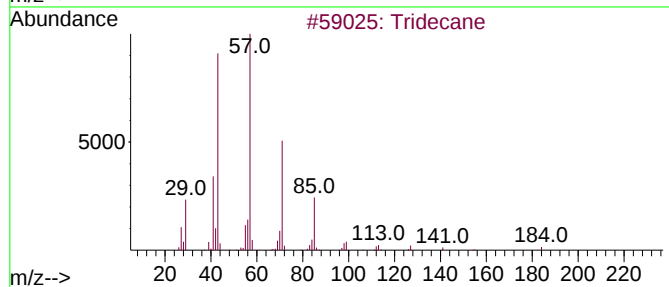
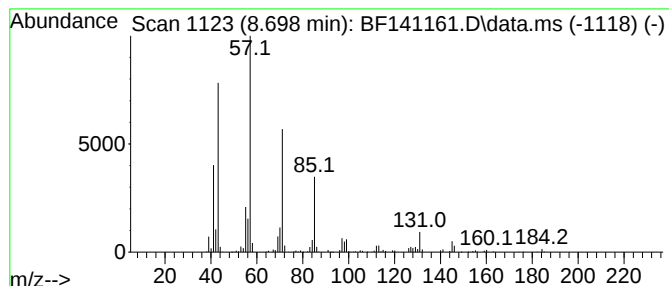
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	6.86 ng	632069	Naphthalene-d8	8.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	81
2			Hexadecane	226	C16H34	000544-76-3	72
3			Tetradecane	198	C14H30	000629-59-4	72
4			Pentadecane	212	C15H32	000629-62-9	72
5			Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
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ClientSampleId :
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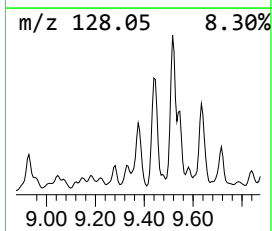
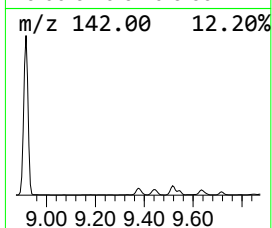
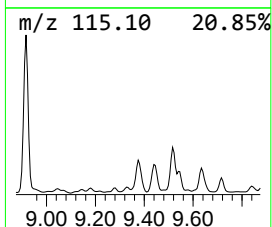
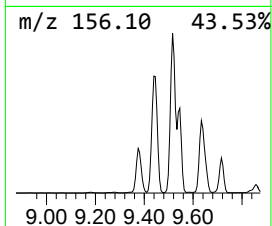
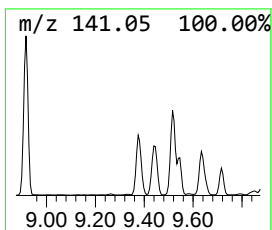
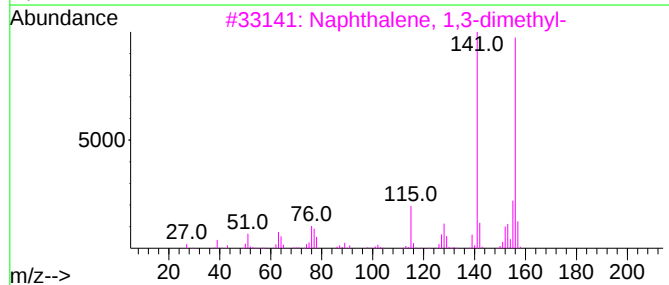
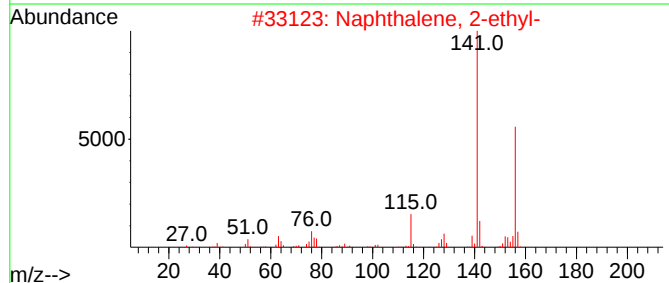
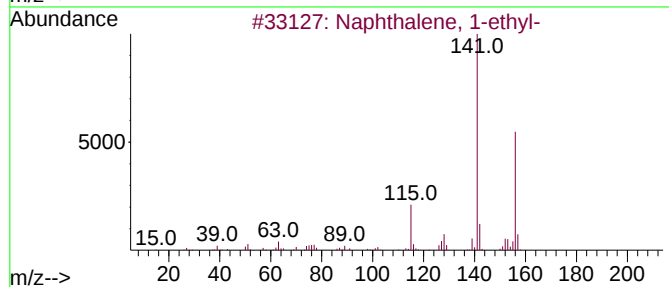
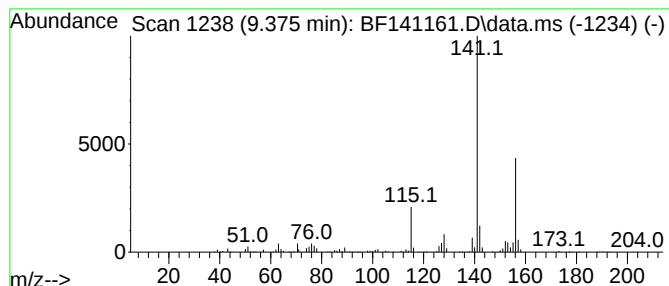
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.375	9.11 ng	573211	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
4			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
5			5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
Operator : RC/JU
Sample : Q1077-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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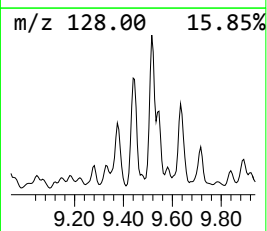
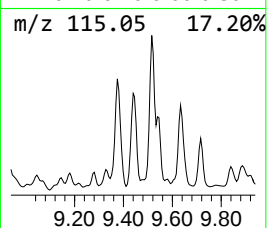
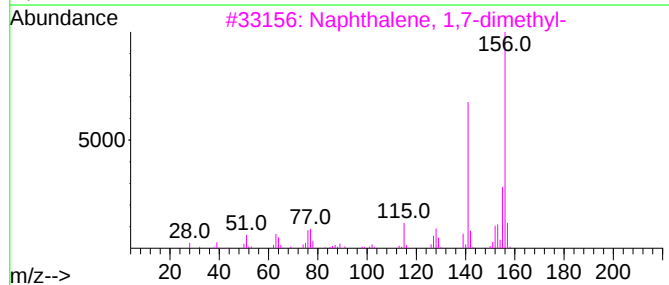
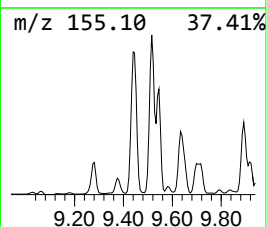
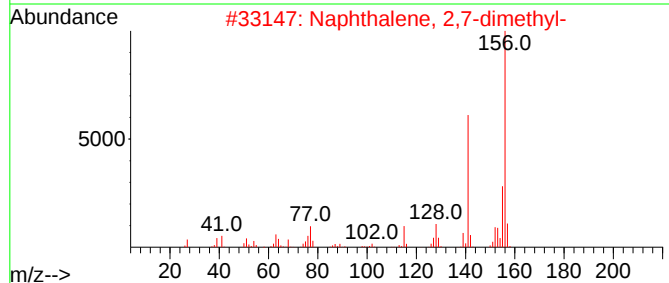
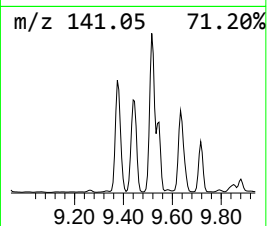
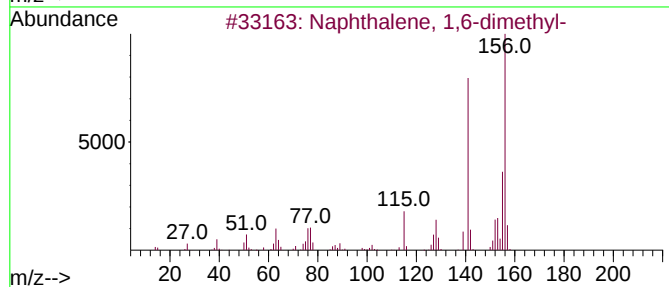
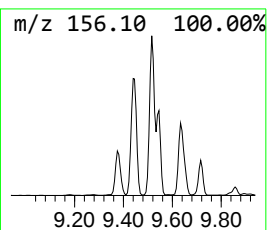
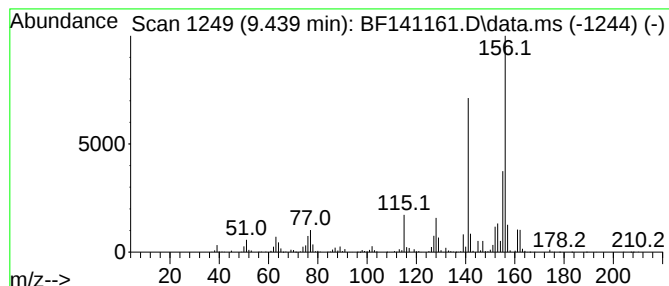
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.439	16.00 ng	1006600	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
Operator : RC/JU
Sample : Q1077-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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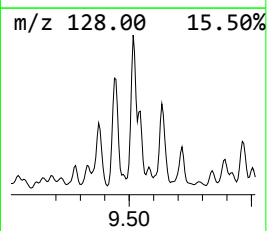
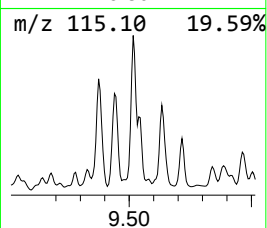
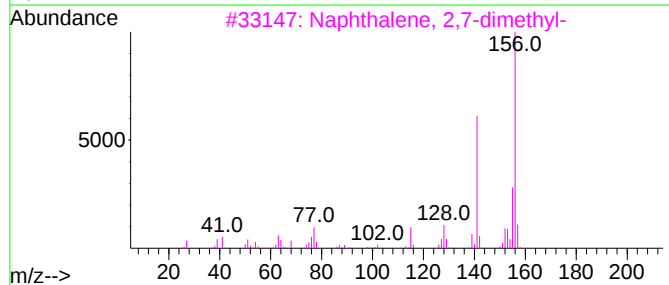
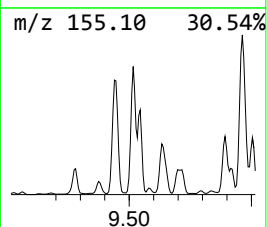
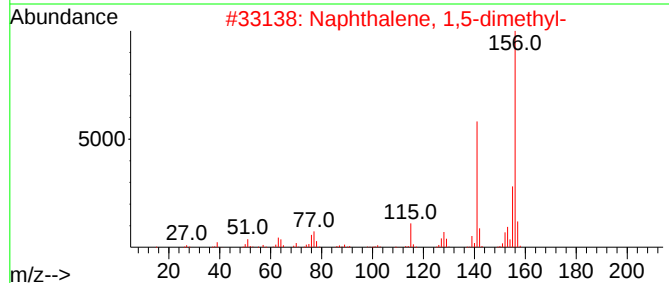
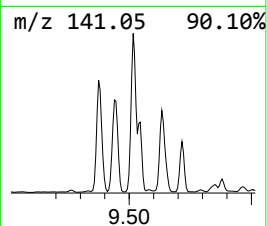
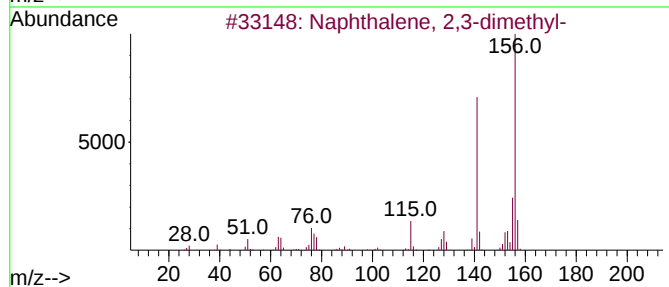
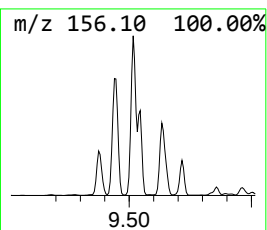
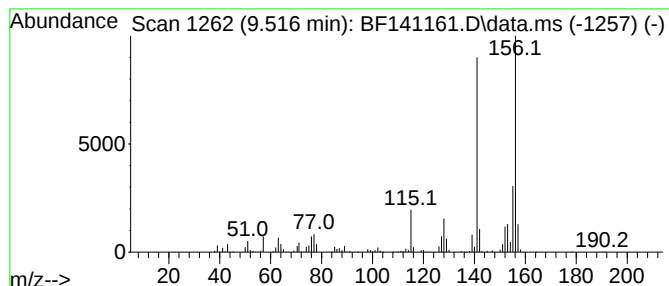
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	18.33 ng	1152860	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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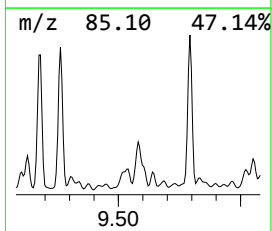
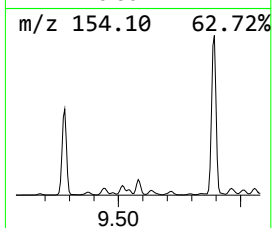
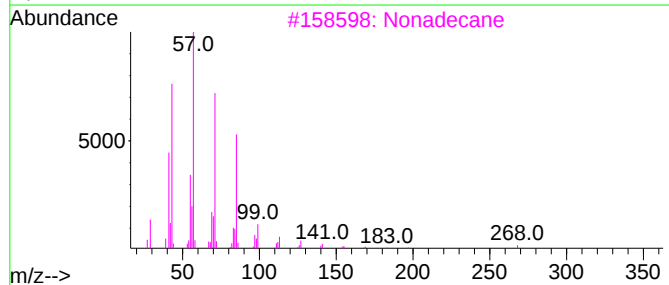
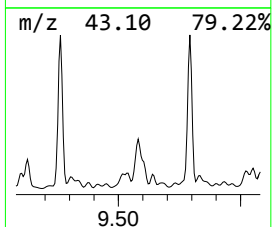
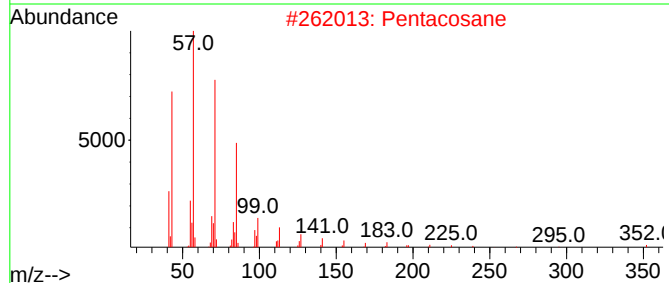
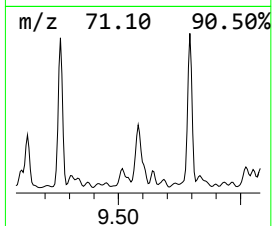
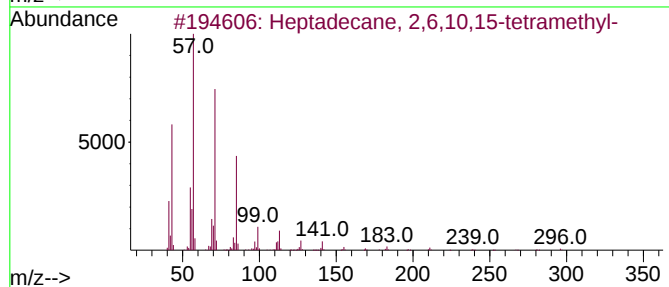
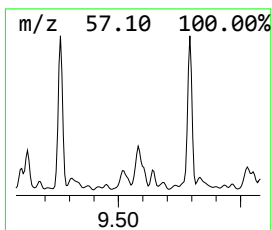
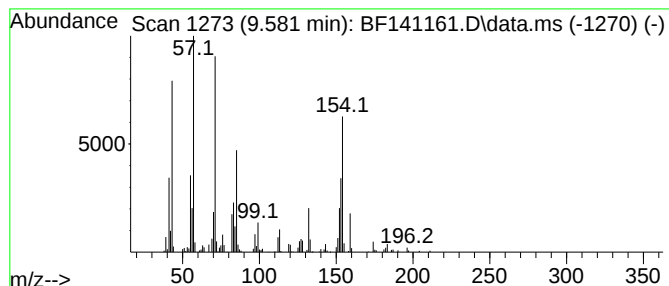
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown9.581 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	6.55 ng	412118	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	46
2			Pentacosane	352	C25H52	000629-99-2	46
3			Nonadecane	268	C19H40	000629-92-5	46
4			Tritetracontane	605	C43H88	007098-21-7	46
5			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
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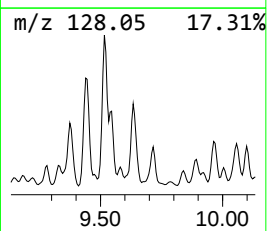
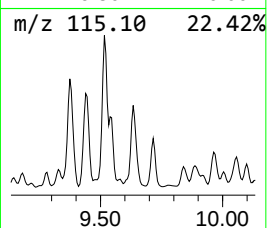
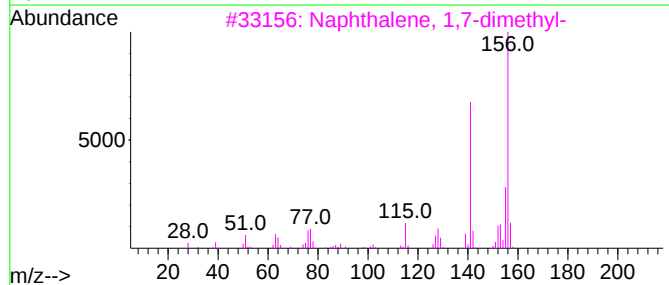
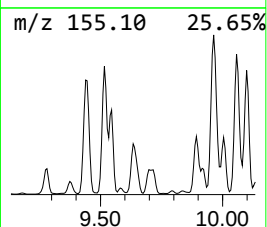
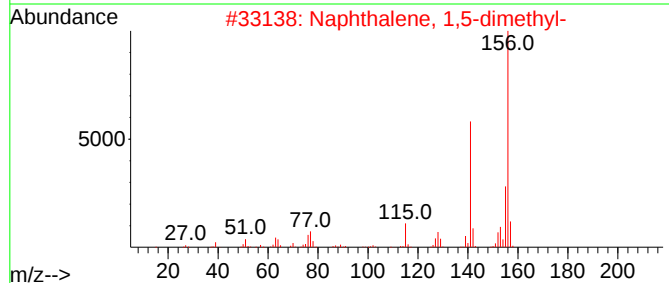
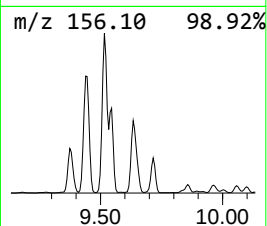
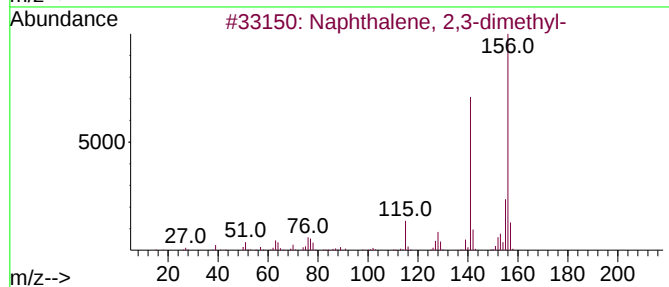
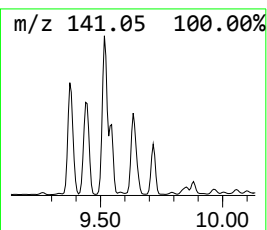
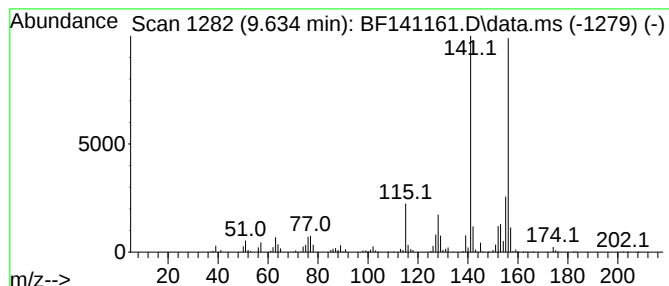
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.634	9.95 ng	625820	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
TR-05-01132025

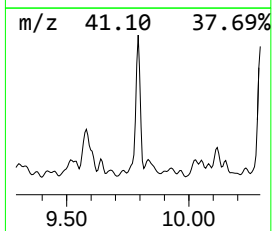
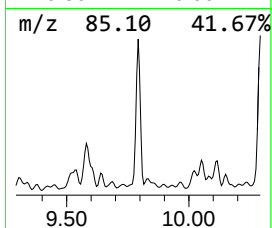
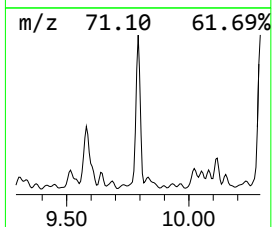
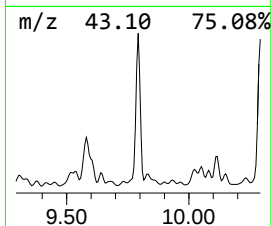
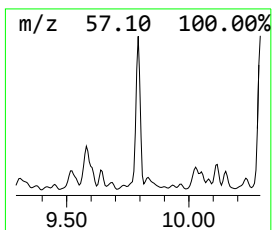
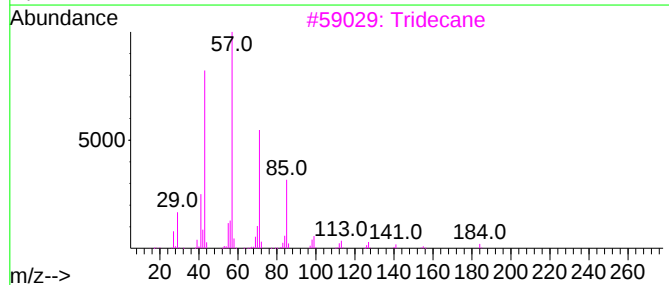
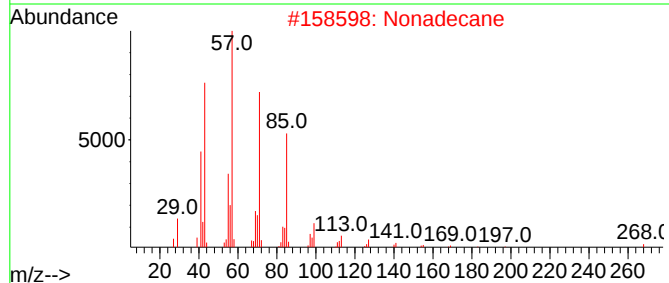
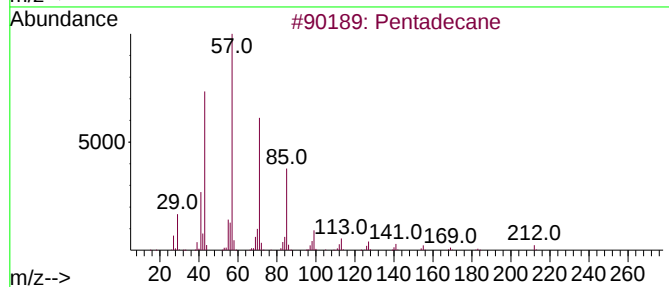
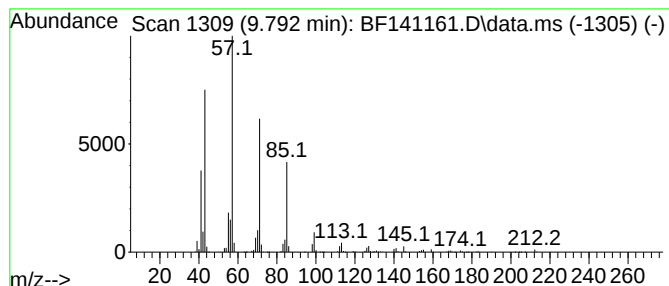
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	9.66 ng	607408	Acenaphthene-d10	9.857

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	94
2		Nonadecane	268	C19H40	000629-92-5	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
Operator : RC/JU
Sample : Q1077-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

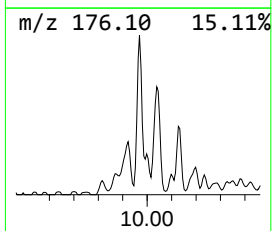
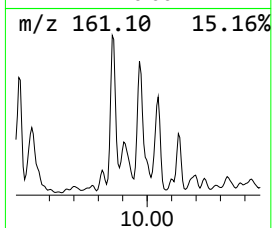
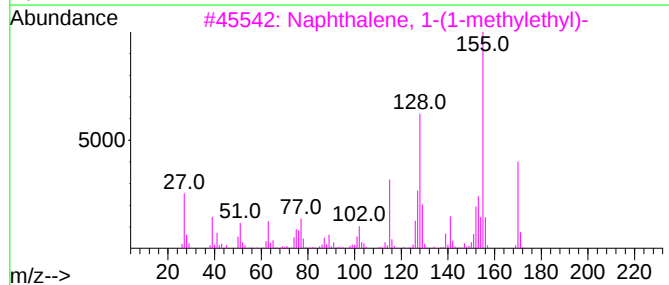
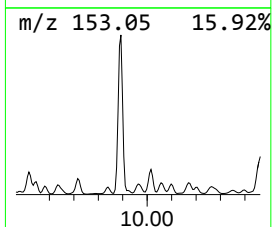
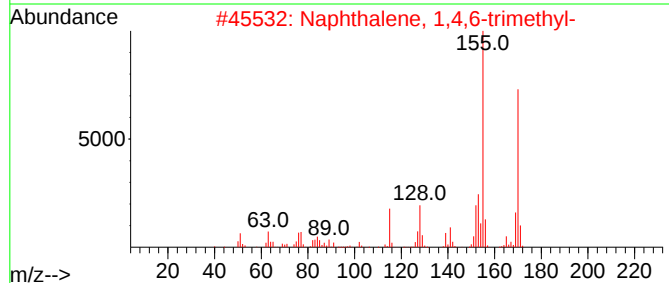
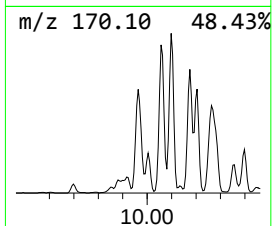
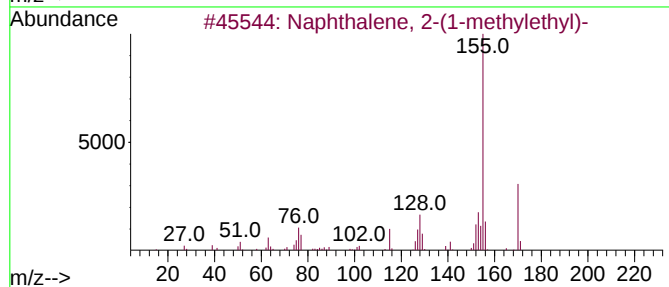
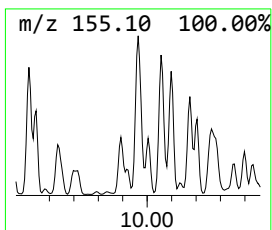
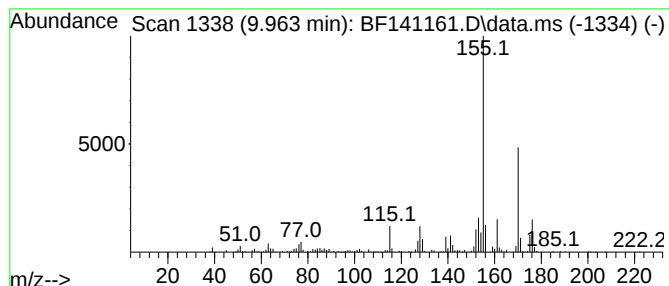
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2-(1-methyleth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	5.55 ng	349040	Acenaphthene-d10	9.857

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3		Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	64
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
5		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
Operator : RC/JU
Sample : Q1077-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-01132025

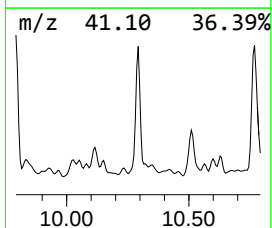
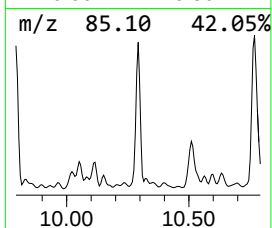
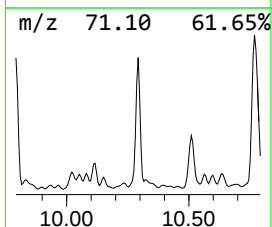
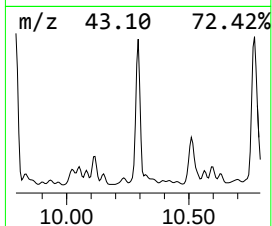
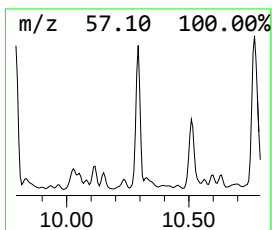
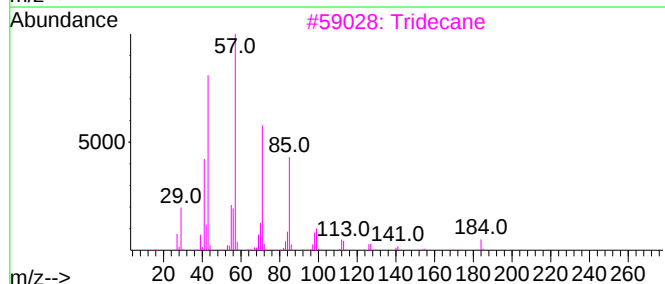
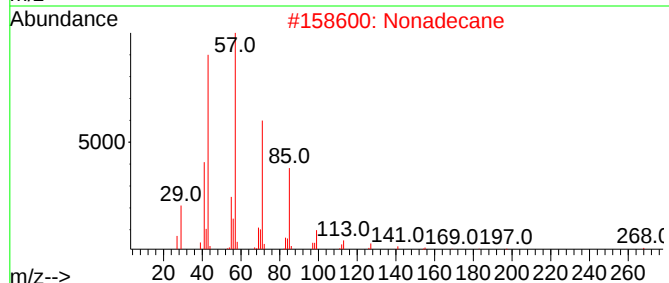
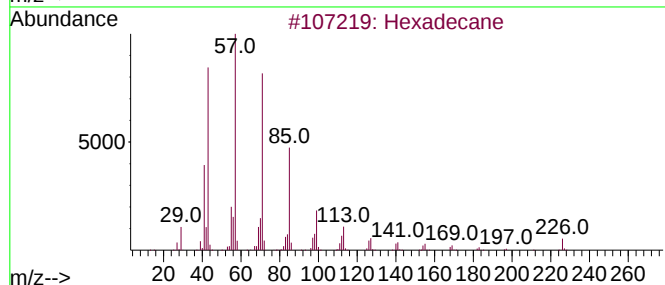
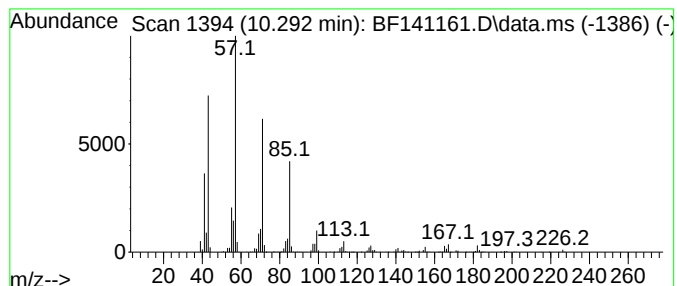
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	13.77 ng	866286	Acenaphthene-d10	9.857

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	94
2		Nonadecane	268	C19H40	000629-92-5	91
3		Tridecane	184	C13H28	000629-50-5	86
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
Operator : RC/JU
Sample : Q1077-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

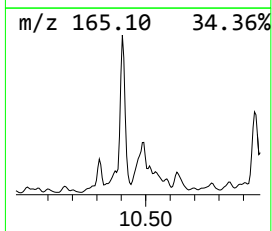
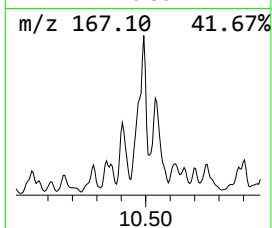
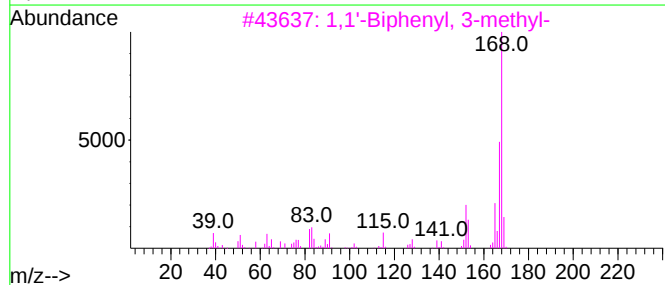
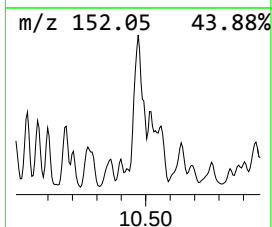
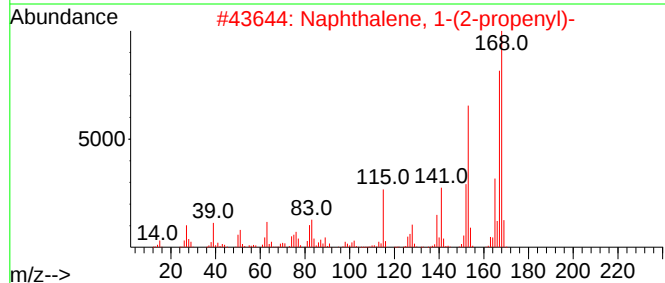
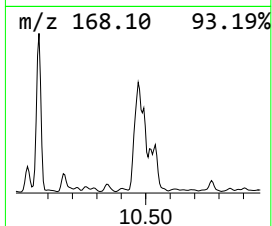
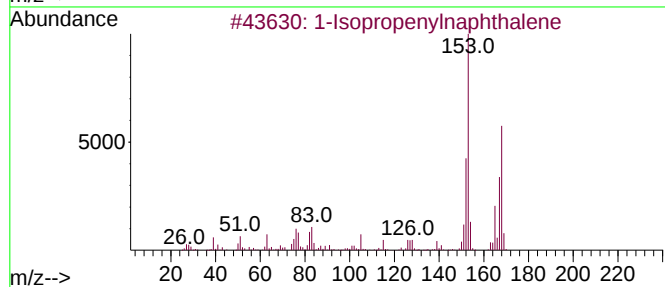
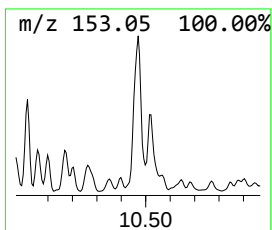
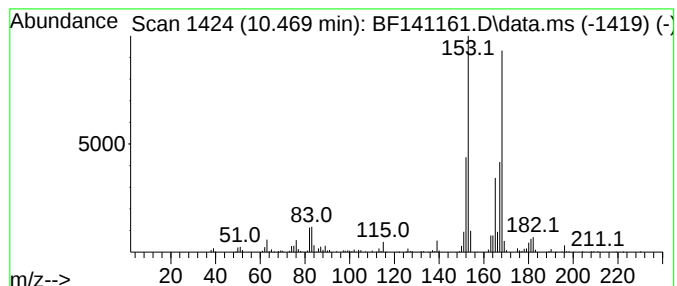
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1-Isopropenylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	5.12 ng	322086	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	59
3			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
4			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	43
5			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
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Sample : Q1077-01
Misc :
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Instrument :
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ClientSampleId :
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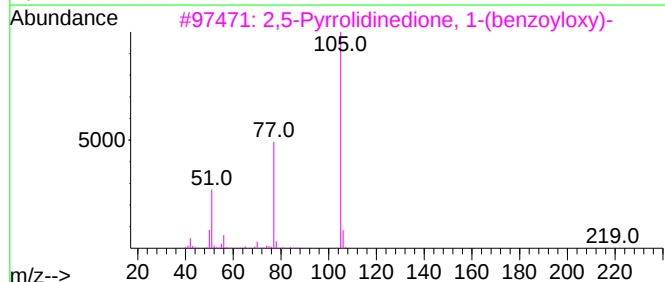
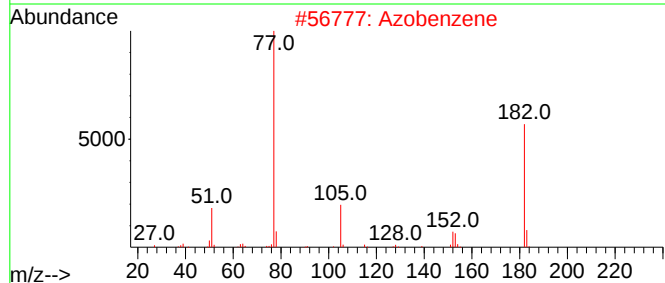
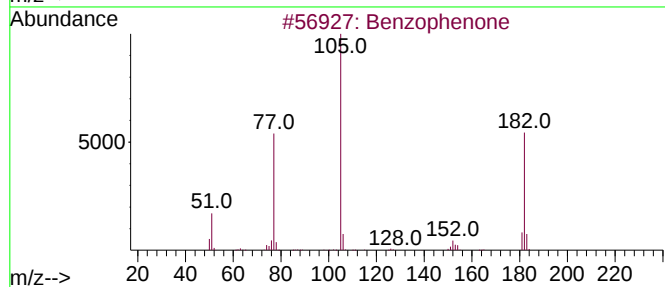
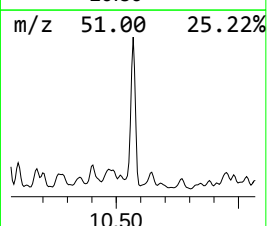
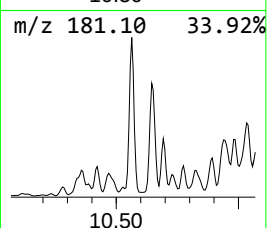
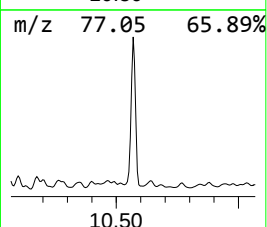
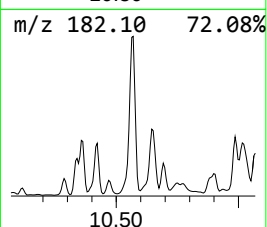
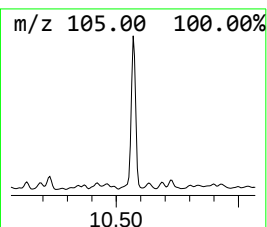
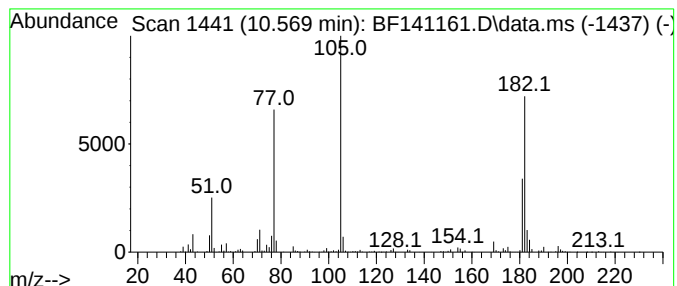
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzophenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	4.76 ng	299529	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	81
2			Azobenzene	182	C12H10N2	000103-33-3	52
3			2,5-Pyrrolidinedione, 1-(benzoyl...)	219	C11H9NO4	023405-15-4	43
4			Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	43
5			Vinyl benzoate	148	C9H8O2	000769-78-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
Operator : RC/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

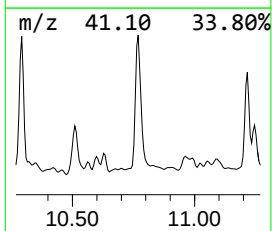
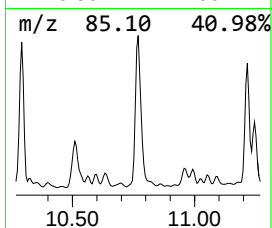
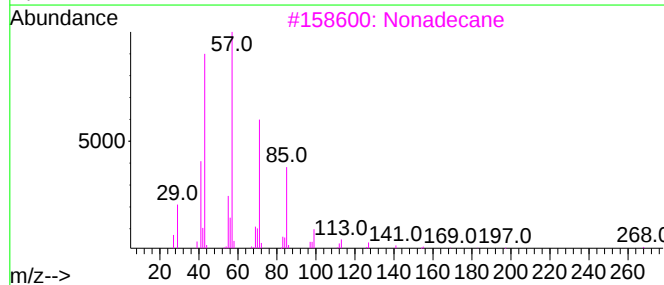
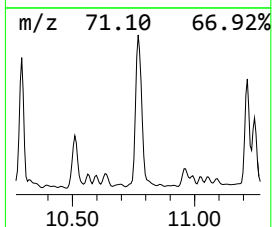
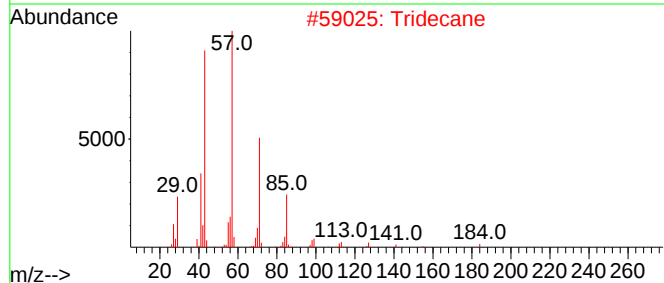
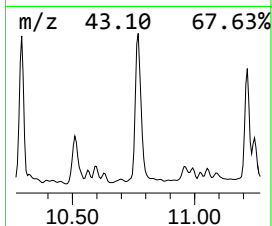
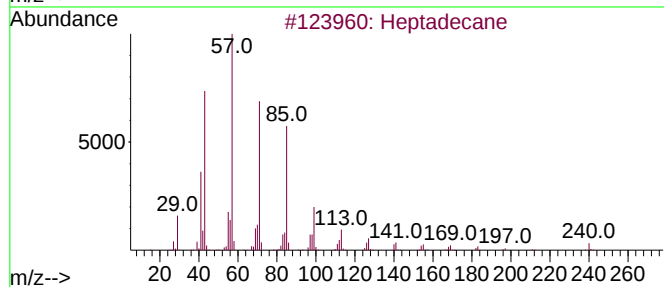
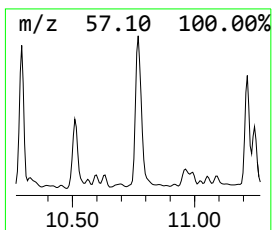
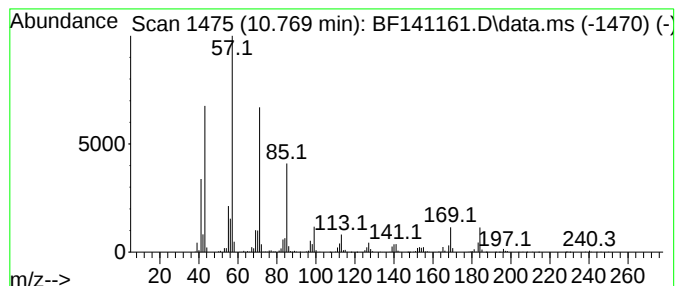
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.769	5.74 ng	1026280	Phenanthrene-d10	11.345

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	95
2		Tridecane	184	C13H28	000629-50-5	83
3		Nonadecane	268	C19H40	000629-92-5	74
4		Tetracosane	338	C24H50	000646-31-1	74
5		Heneicosane	296	C21H44	000629-94-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
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Sample : Q1077-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

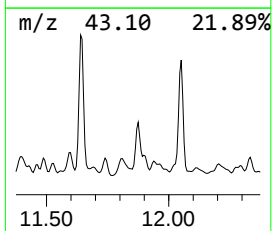
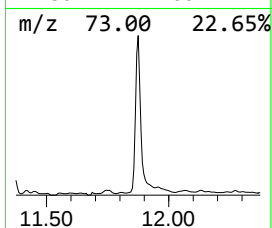
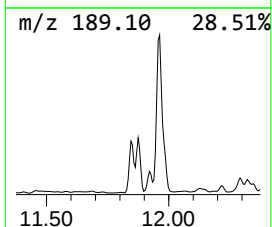
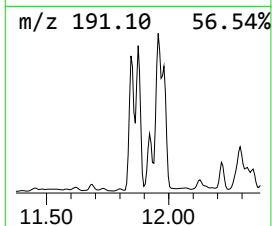
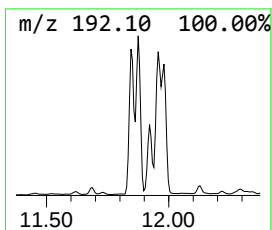
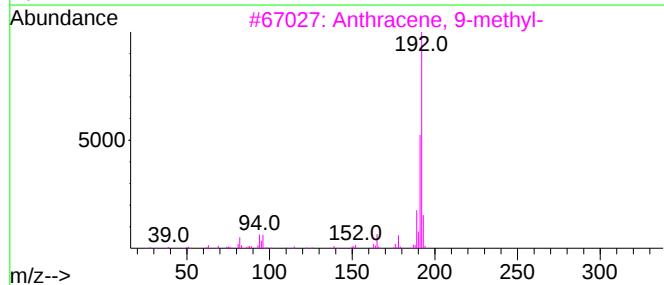
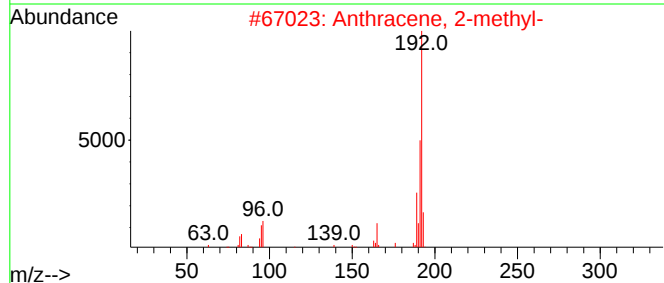
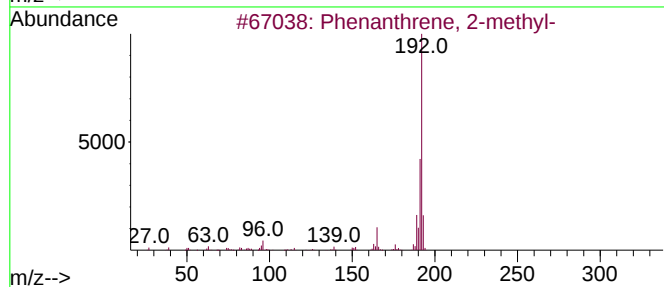
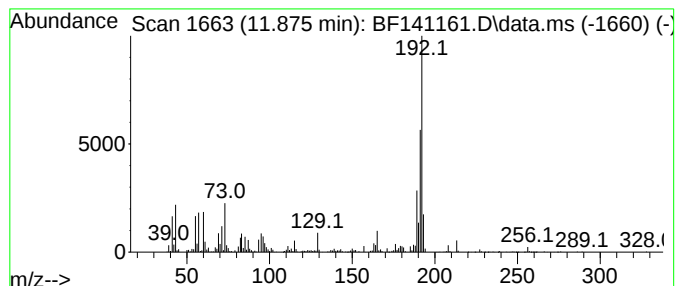
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.875	4.57 ng	817104	Phenanthrene-d10		11.345	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-		192	C15H12	000613-12-7	94
3	Anthracene, 9-methyl-		192	C15H12	000779-02-2	92
4	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	86
5	Naphtho[2,3-b]norbornadiene		192	C15H12	107426-38-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
Operator : RC/JU
Sample : Q1077-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

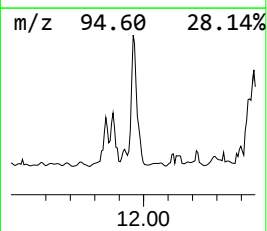
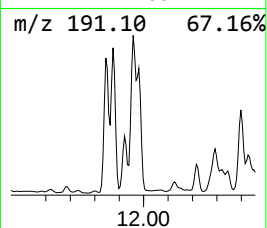
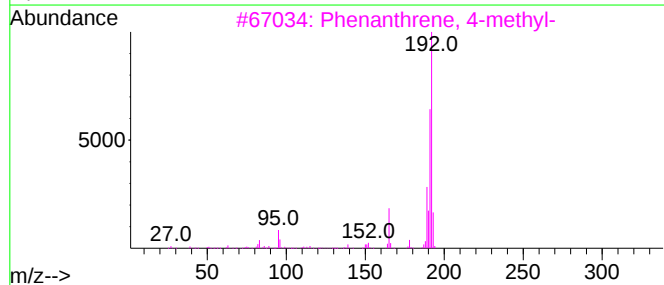
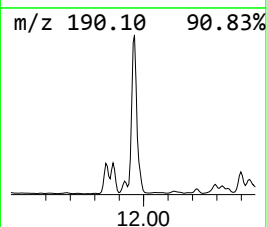
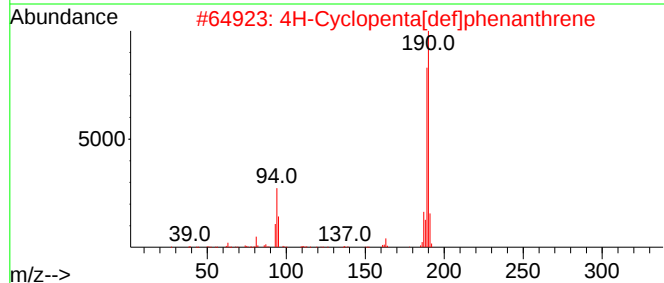
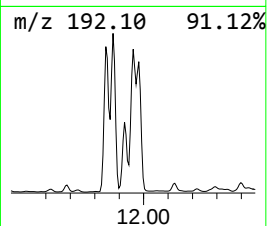
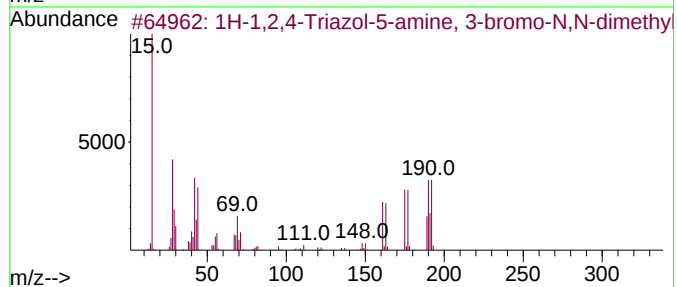
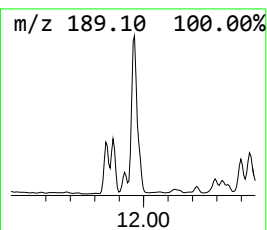
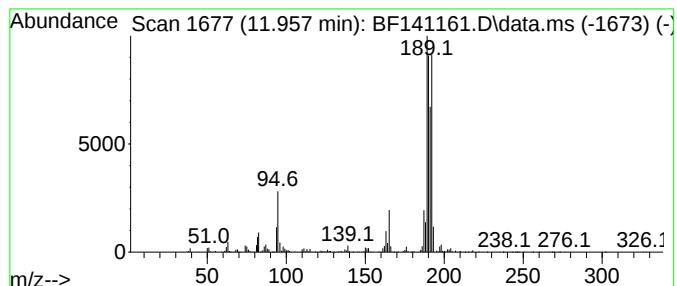
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1H-1,2,4-Triazol-5-amine, 3... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	8.93 ng	1597240	Phenanthrene-d10	11.345

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-1,2,4-Triazol-5-amine, 3-brom...	190	C4H7BrN4	1000460-85-7	50
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
Operator : RC/JU
Sample : Q1077-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

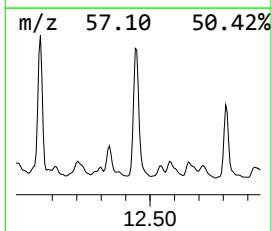
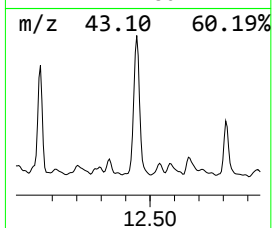
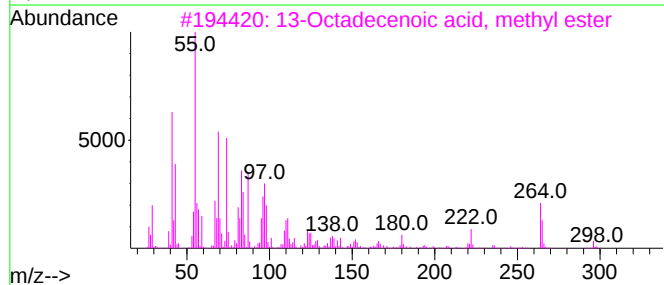
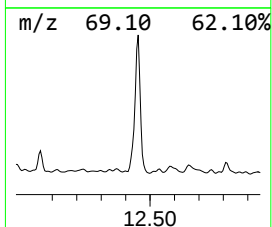
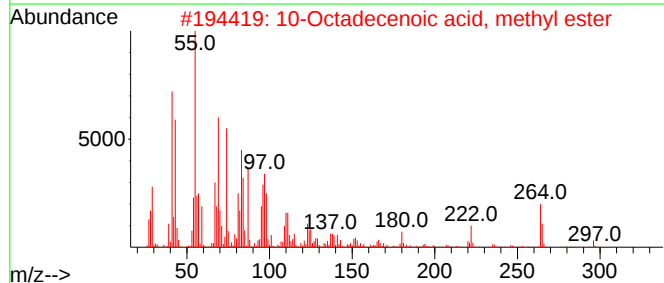
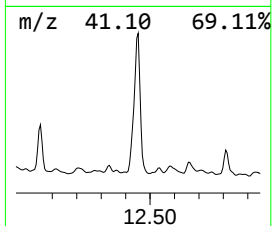
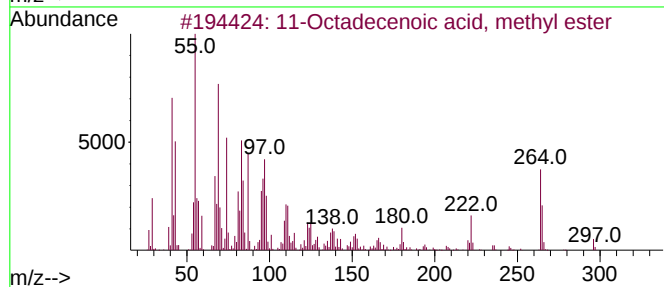
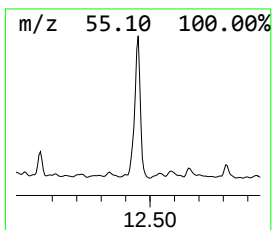
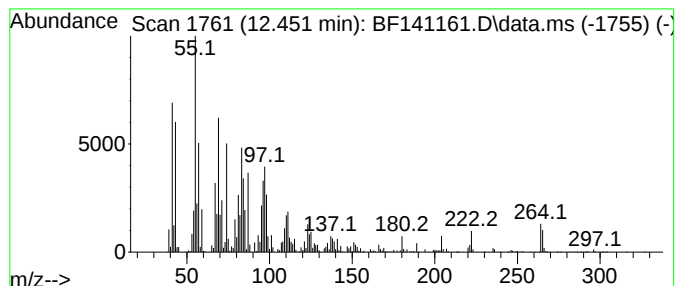
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TR-05-01132025

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 11-Octadecenoic acid, methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.451	9.84 ng	1760110	Phenanthrene-d10	11.345	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
Operator : RC/JU
Sample : Q1077-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-01132025

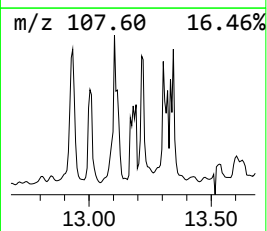
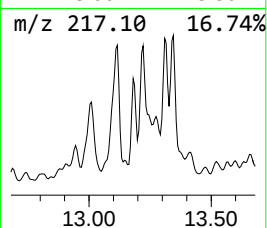
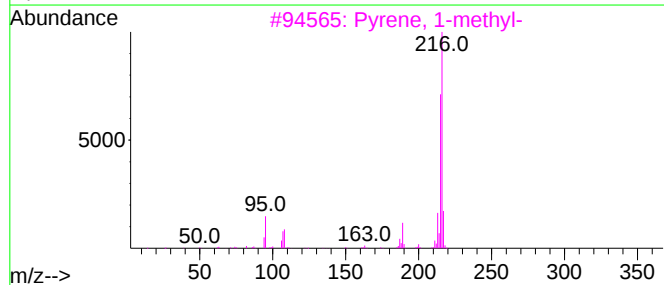
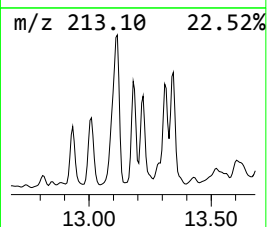
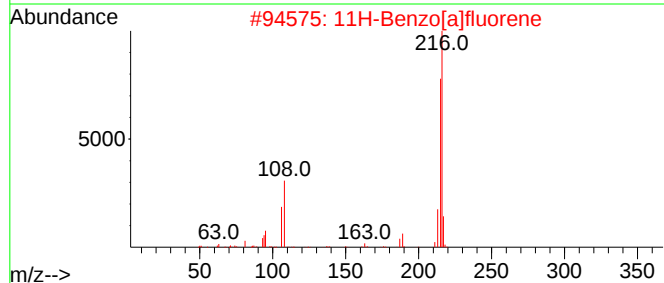
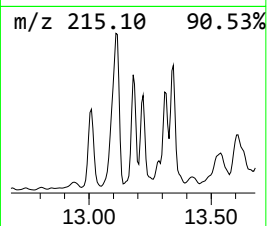
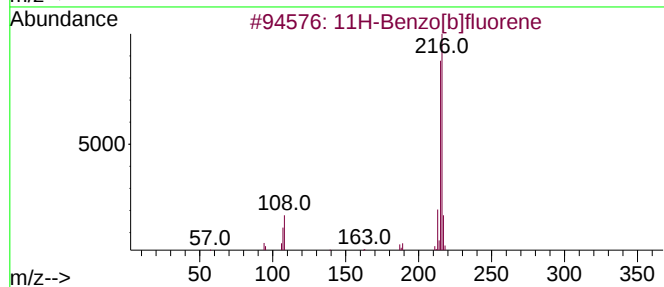
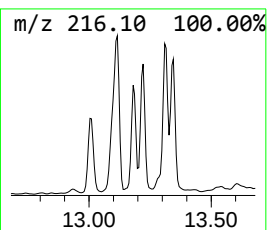
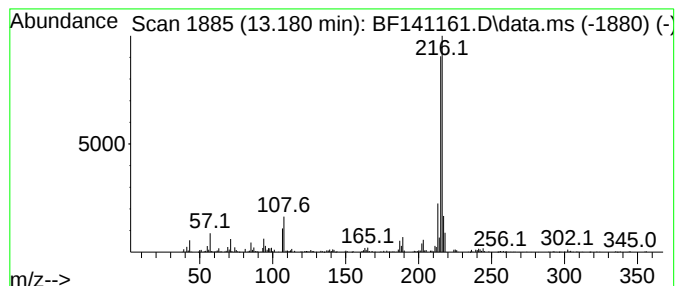
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	4.10 ng	344194	Chrysene-d12	13.986

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
Operator : RC/JU
Sample : Q1077-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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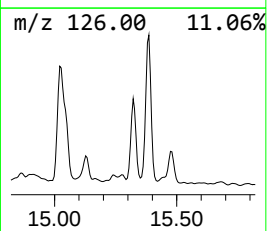
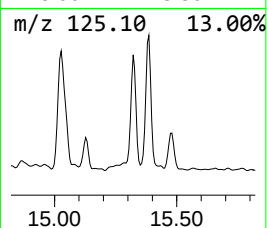
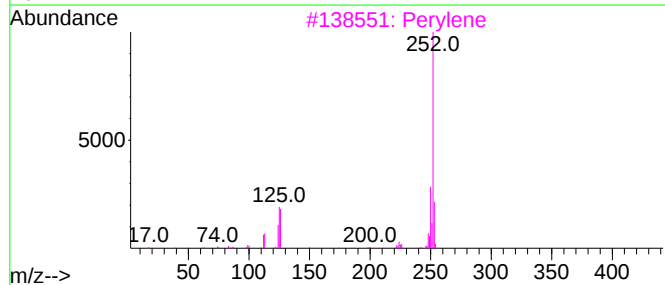
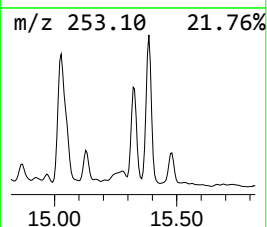
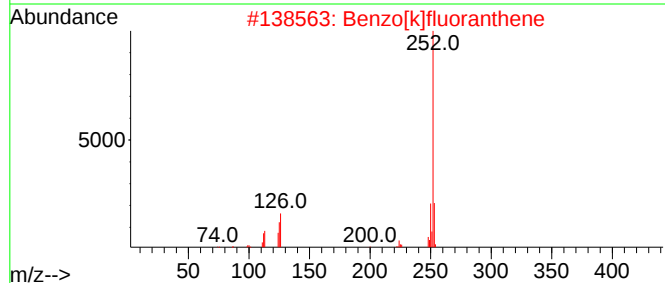
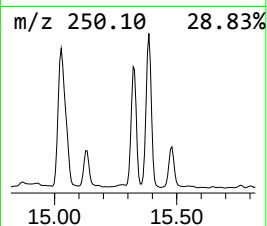
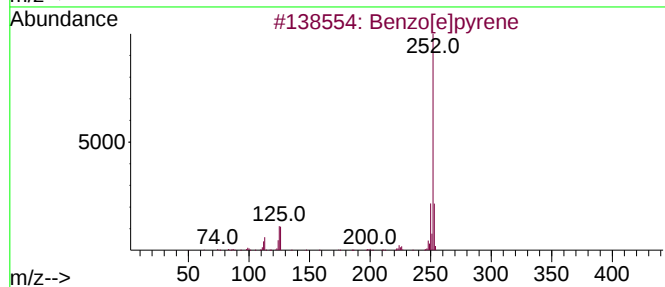
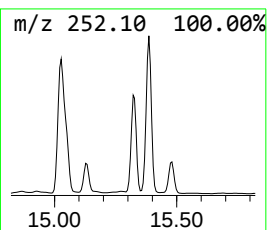
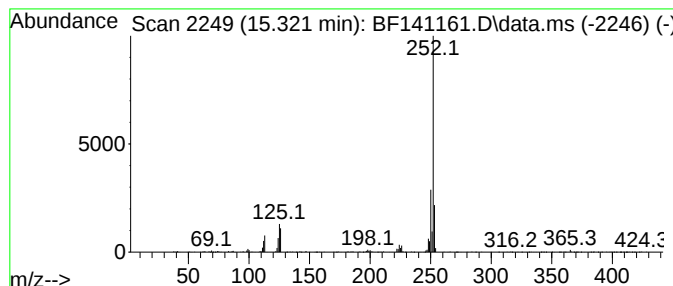
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	12.49 ng	338159	Perylene-d12	15.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
Operator : RC/JU
Sample : Q1077-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	6.657	6.2	ng	270655	1	6.822	868569	20.0
Benzene, 1-meth...	7.093	4.8	ng	206946	1	6.822	868569	20.0
3-Phenylbut-1-ene	7.845	5.6	ng	518015	2	8.104	1843180	20.0
Tridecane	8.698	6.9	ng	632069	2	8.104	1843180	20.0
Naphthalene, 1-...	9.375	9.1	ng	573211	3	9.857	1257900	20.0
Naphthalene, 1,...	9.439	16.0	ng	1006600	3	9.857	1257900	20.0
Naphthalene, 2,...	9.516	18.3	ng	1152860	3	9.857	1257900	20.0
unknown9.581	9.581	6.5	ng	412118	3	9.857	1257900	20.0
Naphthalene, 1,...	9.634	9.9	ng	625820	3	9.857	1257900	20.0
Pentadecane	9.792	9.7	ng	607408	3	9.857	1257900	20.0
Naphthalene, 2-...	9.963	5.5	ng	349040	3	9.857	1257900	20.0
Hexadecane	10.292	13.8	ng	866286	3	9.857	1257900	20.0
1-Isopropenylna...	10.469	5.1	ng	322086	3	9.857	1257900	20.0
Benzophenone	10.569	4.8	ng	299529	3	9.857	1257900	20.0
Heptadecane	10.769	5.7	ng	1026280	4	11.345	3578450	20.0
Phenanthrene, 2...	11.875	4.6	ng	817104	4	11.345	3578450	20.0
1H-1,2,4-Triazo...	11.957	8.9	ng	1597240	4	11.345	3578450	20.0
11-Octadecenoic...	12.451	9.8	ng	1760110	4	11.345	3578450	20.0
11H-Benzo[b]flu...	13.180	4.1	ng	344194	5	13.986	1678310	20.0
Benzo[e]pyrene	15.321	12.5	ng	338159	6	15.445	541602	20.0