

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141357.D
 Acq On : 01 Feb 2025 02:44
 Operator : RC/JU
 Sample : Q1220-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-01292025

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-BF012925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141357.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.993	483	493	508	rVB	88852	139989	4.01%	0.244%
2	5.275	536	541	546	rBV	27042	35689	1.02%	0.062%
3	5.422	560	566	576	rVB	1312623	1830873	52.40%	3.185%
4	5.704	610	614	624	rVB	27525	40425	1.16%	0.070%
5	6.051	668	673	679	rBV3	31705	50623	1.45%	0.088%
6	6.240	699	705	707	rBV2	24724	41586	1.19%	0.072%
7	6.328	716	720	723	rBV2	90031	103625	2.97%	0.180%
8	6.392	728	731	734	rBV3	52461	70904	2.03%	0.123%
9	6.440	734	739	752	rVB	1248904	1886073	53.98%	3.281%
10	6.540	752	756	761	rBV3	35547	69409	1.99%	0.121%
11	6.634	766	772	779	rVB2	343890	540705	15.48%	0.941%
12	6.757	784	793	795	rBV3	36555	78304	2.24%	0.136%
13	6.798	795	800	807	rVV	689080	930005	26.62%	1.618%
14	6.857	807	810	815	rVB2	87765	105542	3.02%	0.184%
15	6.945	822	825	829	rBV3	79440	108807	3.11%	0.189%
16	6.981	829	831	836	rVB	48455	47771	1.37%	0.083%
17	7.075	836	847	850	rBV2	223311	402260	11.51%	0.700%
18	7.116	850	854	857	rBV2	154855	240253	6.88%	0.418%
19	7.192	862	867	871	rBV2	228664	310332	8.88%	0.540%
20	7.269	876	880	881	rBV	79838	97738	2.80%	0.170%
21	7.287	881	883	886	rVB	77343	80951	2.32%	0.141%
22	7.357	886	895	899	rBV2	955979	1599298	45.77%	2.782%
23	7.398	899	902	906	rVB	747670	858356	24.57%	1.493%
24	7.445	906	910	914	rBV4	175350	247363	7.08%	0.430%
25	7.487	914	917	919	rBV3	77597	109735	3.14%	0.191%
26	7.510	919	921	925	rVB3	72378	85861	2.46%	0.149%
27	7.604	926	937	946	rVB4	311360	857015	24.53%	1.491%
28	7.704	946	954	956	rBV4	203352	444666	12.73%	0.774%
29	7.763	961	964	968	rVB2	217816	289264	8.28%	0.503%
30	7.828	968	975	981	rBV7	299416	898380	25.71%	1.563%
31	7.881	981	984	986	rBV	127765	158941	4.55%	0.277%
32	7.922	989	991	994	rVB	203475	191309	5.48%	0.333%
33	7.951	994	996	999	rVB	99498	95073	2.72%	0.165%
34	7.986	999	1002	1005	rVB	96907	99801	2.86%	0.174%
35	8.069	1005	1016	1024	rBV2	1629567	3494025	100.00%	6.079%
36	8.139	1025	1028	1032	rVB2	341380	454557	13.01%	0.791%

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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-BF012925.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.175	1032	1034	1041	rVB5	163422	248421	7.11%	0.432%
38	8.257	1041	1048	1049	rBV3	141304	273073	7.82%	0.475%
39	8.281	1049	1052	1056	rVB2	242481	289417	8.28%	0.504%
40	8.328	1056	1060	1063	rBV4	101866	152343	4.36%	0.265%
41	8.375	1063	1068	1074	rBV6	357857	642226	18.38%	1.117%
42	8.428	1074	1077	1080	rBV2	211815	234755	6.72%	0.408%
43	8.463	1080	1083	1086	rBV3	313857	337249	9.65%	0.587%
44	8.504	1086	1090	1095	rBV	379481	514006	14.71%	0.894%
45	8.586	1100	1104	1108	rBV2	536238	689480	19.73%	1.200%
46	8.675	1114	1119	1123	rBV	1491523	1861221	53.27%	3.238%
47	8.739	1127	1130	1133	rVV2	175241	215504	6.17%	0.375%
48	8.833	1143	1146	1148	rBV2	95055	118965	3.40%	0.207%
49	8.904	1154	1158	1164	rBV3	410228	575407	16.47%	1.001%
50	8.957	1164	1167	1170	rBV3	133373	181763	5.20%	0.316%
51	9.039	1178	1181	1185	rVB2	342063	452840	12.96%	0.788%
52	9.104	1185	1192	1197	rBV3	426540	876847	25.10%	1.525%
53	9.157	1197	1201	1205	rVB	1313776	1573784	45.04%	2.738%
54	9.239	1210	1215	1220	rBV	1631577	2205223	63.11%	3.837%
55	9.310	1224	1227	1233	rVB	264223	379065	10.85%	0.659%
56	9.492	1251	1258	1260	rBV6	333121	669238	19.15%	1.164%
57	9.557	1265	1269	1272	rVV4	641818	1113230	31.86%	1.937%
58	9.616	1276	1279	1283	rVB2	331808	419149	12.00%	0.729%
59	9.698	1290	1293	1298	rBV3	118274	200419	5.74%	0.349%
60	9.769	1298	1305	1309	rVV	1541391	2101757	60.15%	3.656%
61	9.833	1309	1316	1320	rVB2	684772	1093555	31.30%	1.902%
62	9.945	1332	1335	1339	rVB2	127499	159025	4.55%	0.277%
63	10.004	1341	1345	1347	rBV	240904	374376	10.71%	0.651%
64	10.092	1356	1360	1364	rVB5	283415	363576	10.41%	0.633%
65	10.269	1386	1390	1395	rBV	1428611	1826217	52.27%	3.177%
66	10.492	1422	1428	1433	rBV	538046	903185	25.85%	1.571%
67	10.545	1434	1437	1440	rVV2	215873	262920	7.52%	0.457%
68	10.575	1440	1442	1445	rVV2	140861	151433	4.33%	0.263%
69	10.622	1445	1450	1454	rVB2	373729	605421	17.33%	1.053%
70	10.745	1467	1471	1480	rVB	1522535	2340722	66.99%	4.072%
71	10.939	1500	1504	1506	rBV	160935	253718	7.26%	0.441%
72	11.192	1543	1547	1550	rBV	1209091	1584430	45.35%	2.756%
73	11.222	1550	1552	1558	rVB	513904	676991	19.38%	1.178%
74	11.322	1565	1569	1576	rBV2	647384	1115594	31.93%	1.941%
75	11.504	1597	1600	1603	rVB	120451	127894	3.66%	0.223%
76	11.622	1616	1620	1624	rBV	1108297	1346396	38.53%	2.342%

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 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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 Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.722	1634	1637	1643	rVB2	164409	228786	6.55%	0.398%
78	11.786	1645	1648	1652	rBV2	110348	184612	5.28%	0.321%
79	11.857	1657	1660	1663	rVB	168777	195649	5.60%	0.340%
80	12.027	1685	1689	1694	rBV	910783	1119956	32.05%	1.948%
81	12.310	1734	1737	1744	rVB2	171009	280532	8.03%	0.488%
82	12.374	1745	1748	1751	rBV	189218	266189	7.62%	0.463%
83	12.416	1751	1755	1761	rVB2	1144777	1986091	56.84%	3.455%
84	12.539	1773	1776	1789	rVB2	270890	540257	15.46%	0.940%
85	12.769	1811	1815	1816	rBV	407707	496854	14.22%	0.864%
86	12.792	1816	1819	1822	rVB	554303	676581	19.36%	1.177%
87	12.910	1835	1839	1848	rVB	1429845	1983022	56.75%	3.450%
88	13.145	1875	1879	1885	rBV2	357323	542256	15.52%	0.943%
89	13.198	1886	1888	1897	rVB	135865	191038	5.47%	0.332%
90	13.492	1934	1938	1950	rVB2	234426	364123	10.42%	0.633%
91	13.821	1991	1994	2002	rVB3	144201	196591	5.63%	0.342%
92	13.963	2014	2018	2030	rVB2	637359	1150655	32.93%	2.002%
93	15.421	2262	2266	2271	rBV	303358	470487	13.47%	0.819%

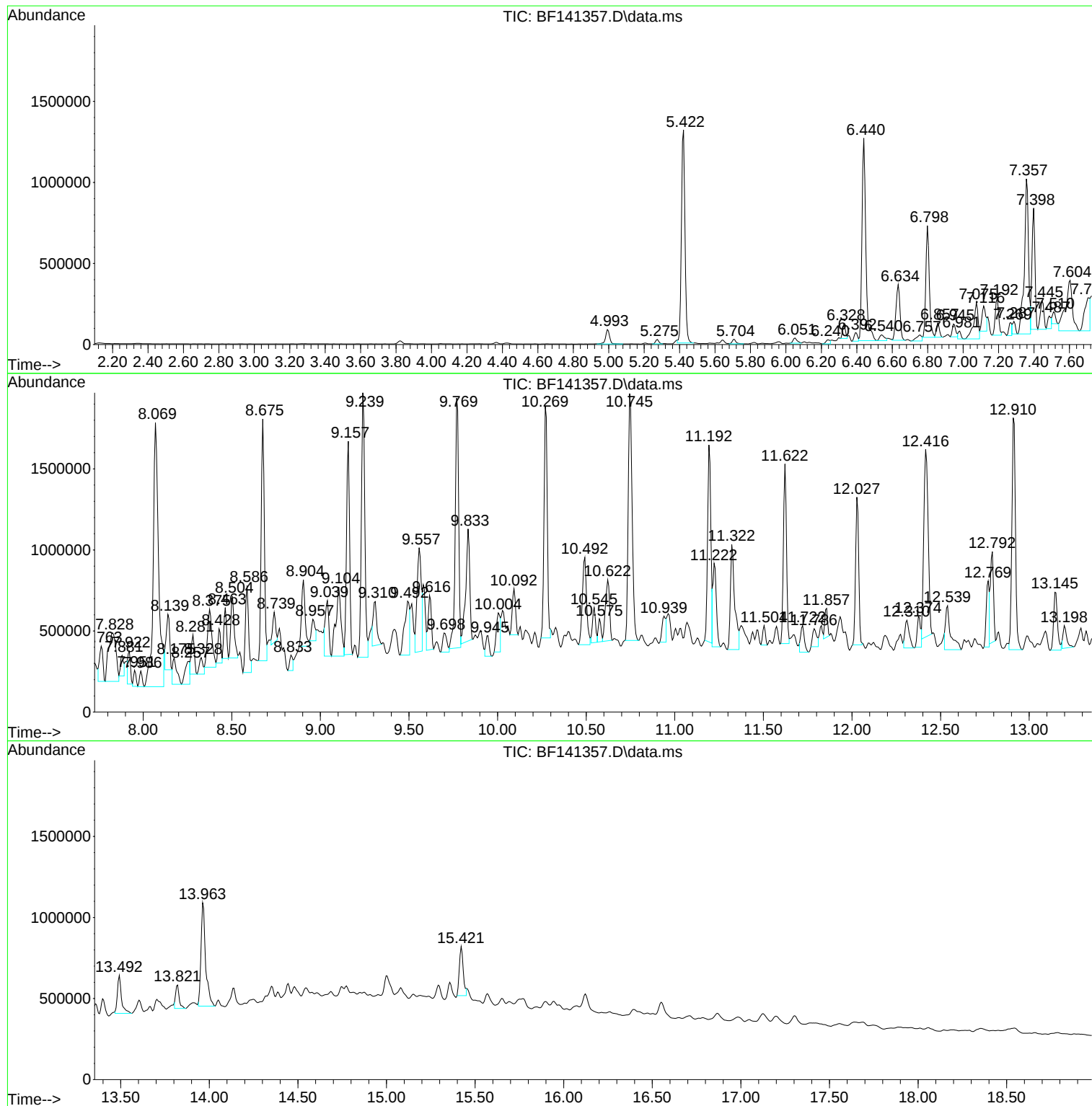
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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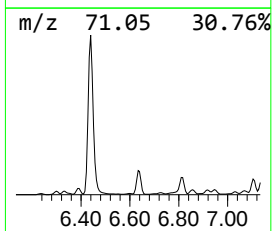
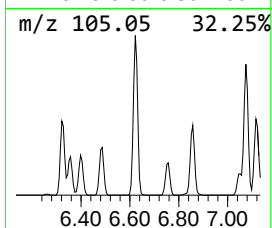
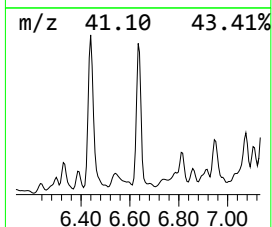
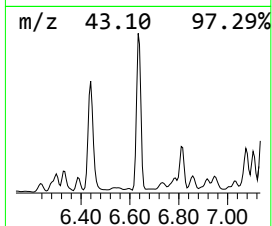
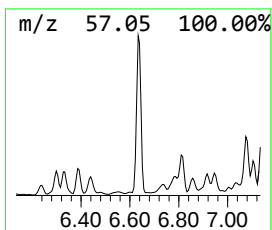
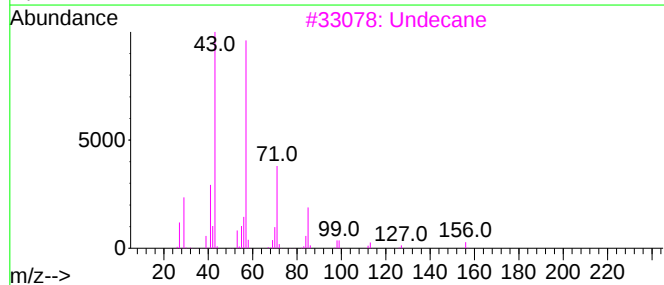
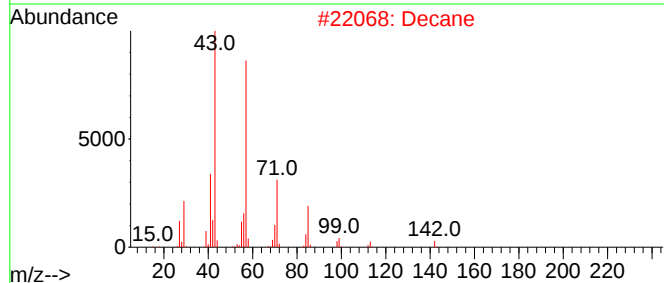
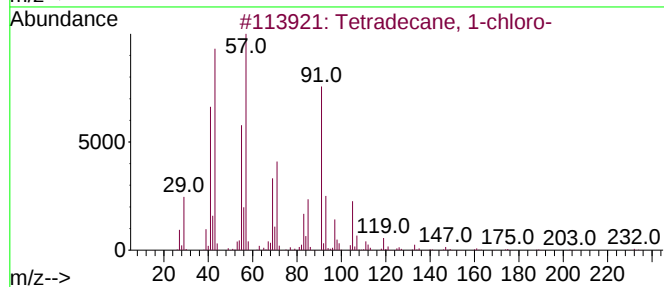
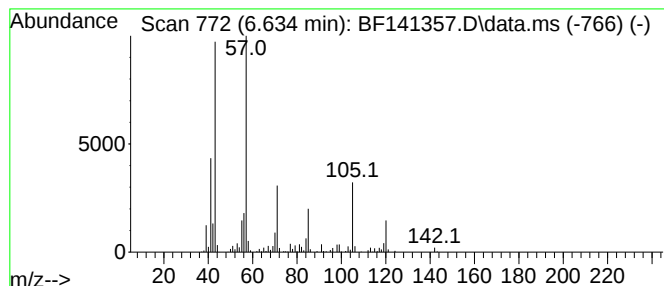
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tetradecane, 1-chloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.634	11.63 ng	540705	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	64
2			Decane	142	C10H22	000124-18-5	60
3			Undecane	156	C11H24	001120-21-4	53
4			Pentadecane	212	C15H32	000629-62-9	53
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50



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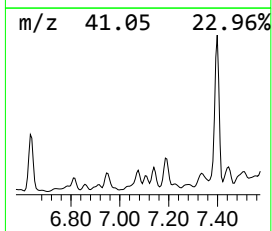
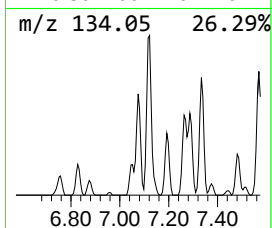
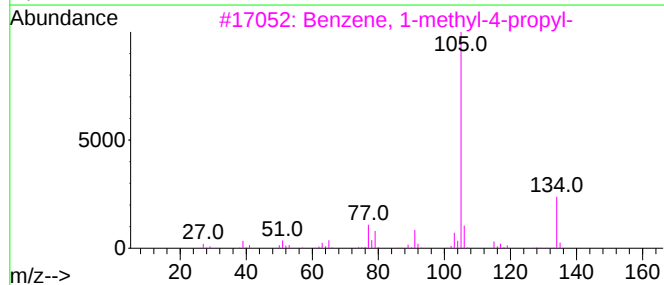
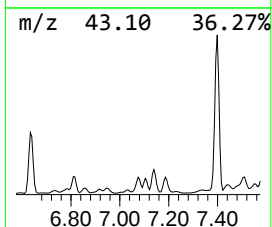
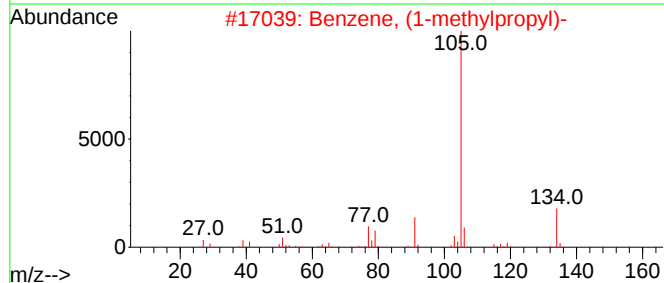
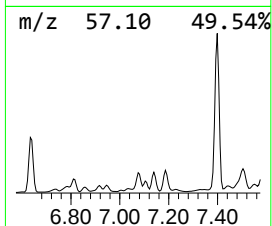
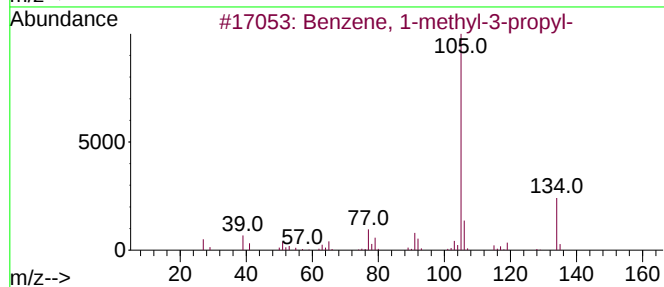
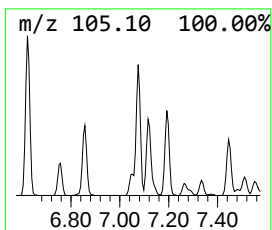
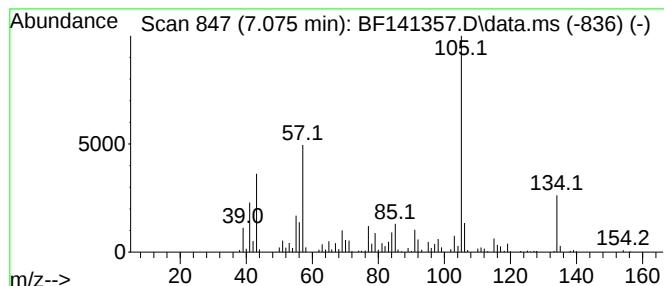
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
7.075	8.65 ng	402260	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	60
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49



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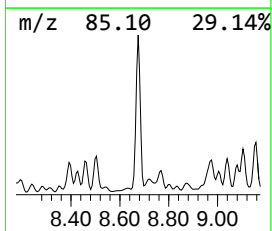
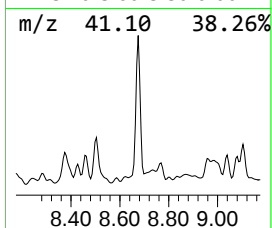
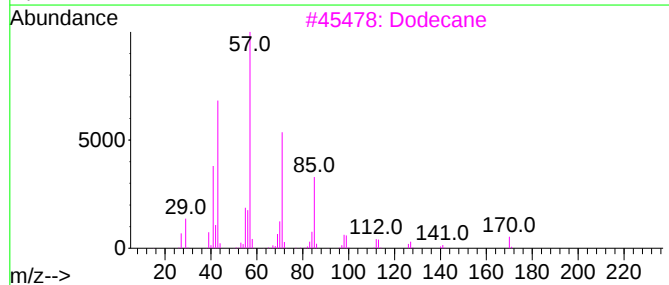
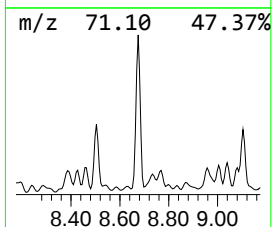
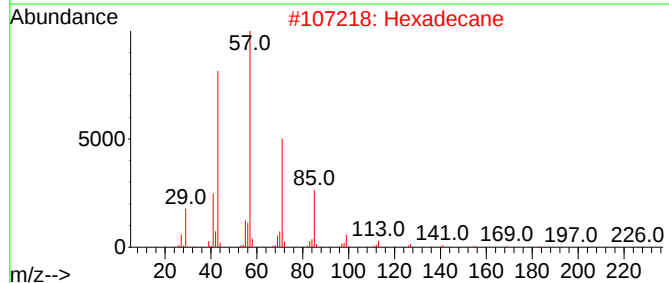
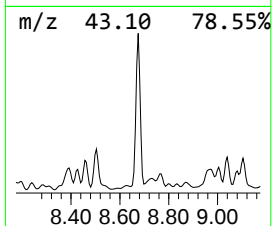
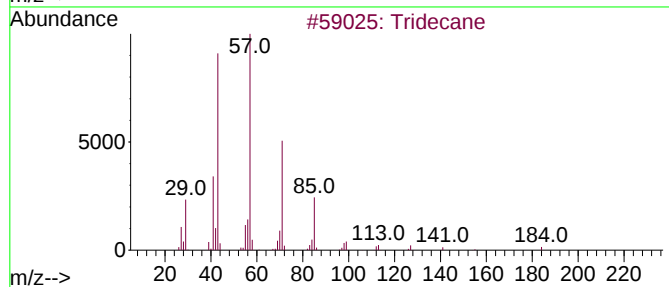
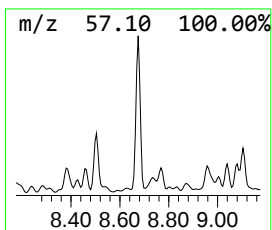
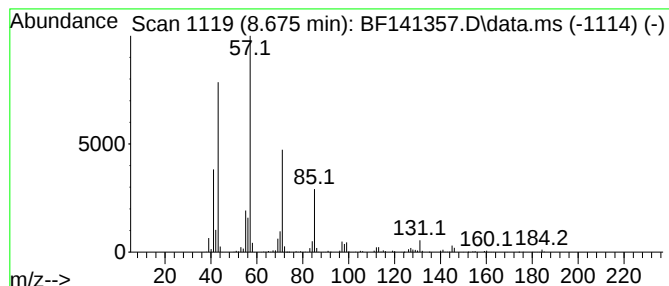
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.675	10.65 ng	1861220	Naphthalene-d8	8.081

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	86
3			Dodecane	170	C12H26	000112-40-3	86
4			Tetradecane	198	C14H30	000629-59-4	78
5			Nonadecane	268	C19H40	000629-92-5	72



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BNA_F
ClientSampleId :
TR-06-01292025

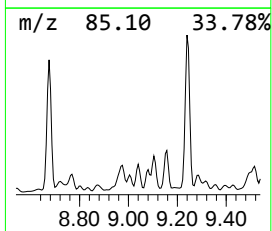
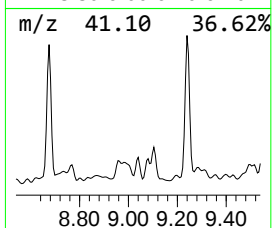
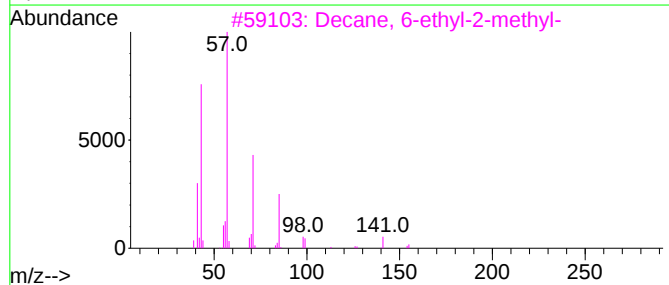
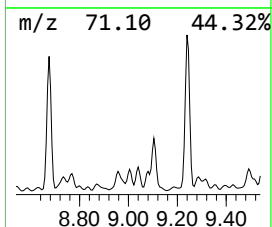
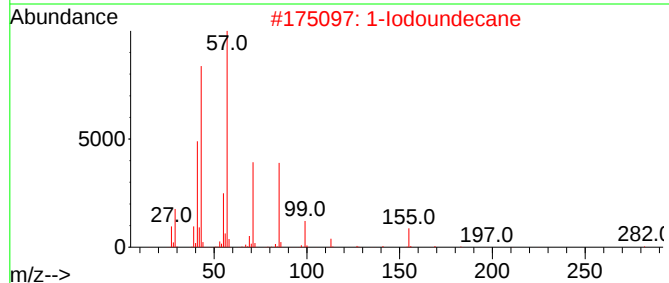
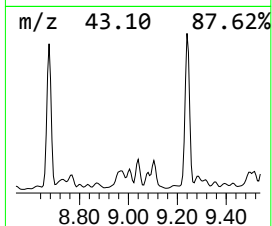
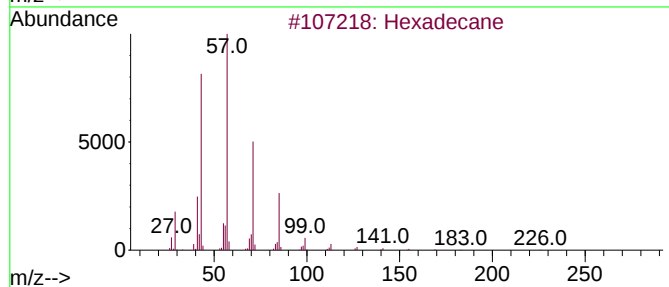
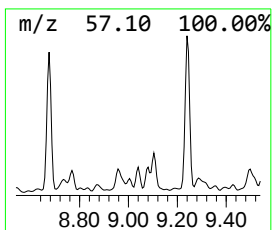
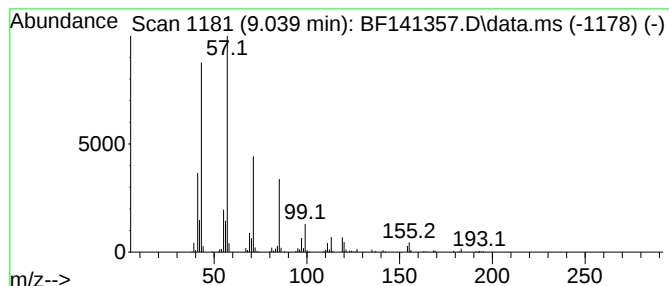
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.039	8.28 ng	452840	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	64
2			1-Iodoundecane	282	C11H23I	004282-44-4	64
3			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
4			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	64
5			Hentriacontane	437	C31H64	000630-04-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141357.D
Acq On : 01 Feb 2025 02:44
Operator : RC/JU
Sample : Q1220-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

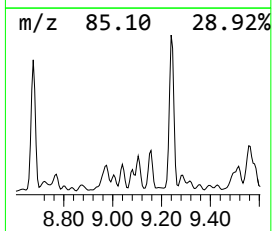
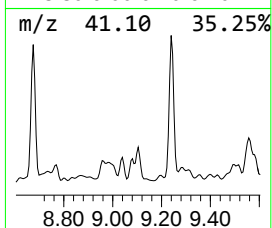
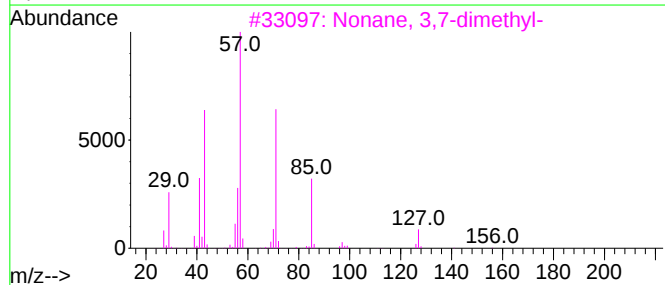
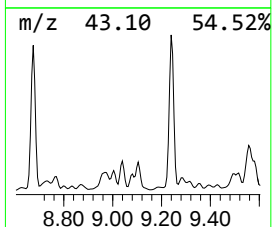
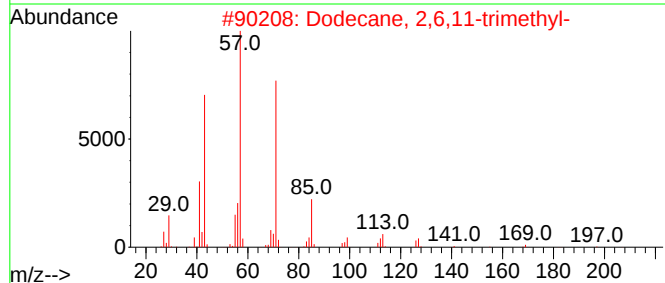
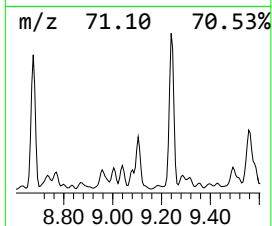
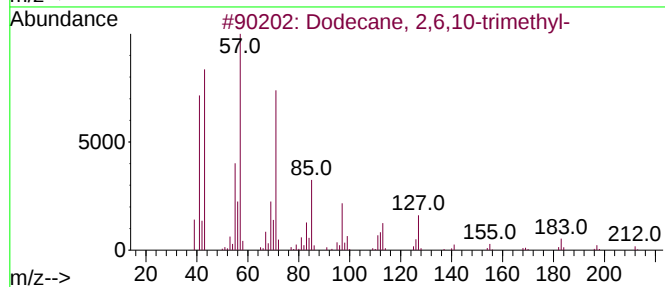
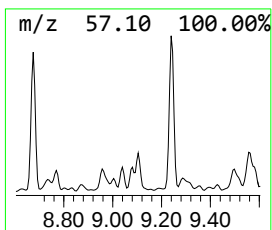
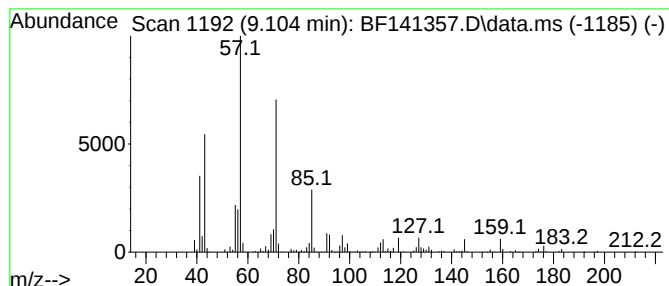
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	16.04 ng	876847	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	74
5			Bacchotricuneatin c	342	C20H22O5	066563-30-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141357.D
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Sample : Q1220-01
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Instrument :
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ClientSampleId :
TR-06-01292025

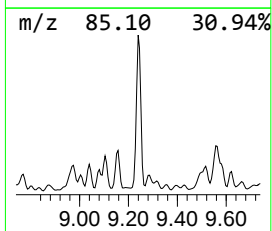
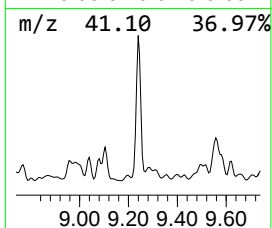
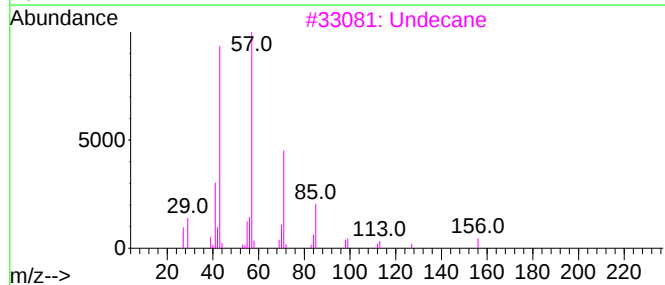
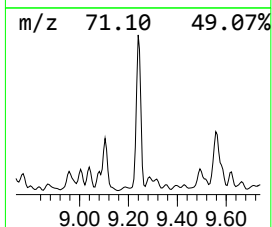
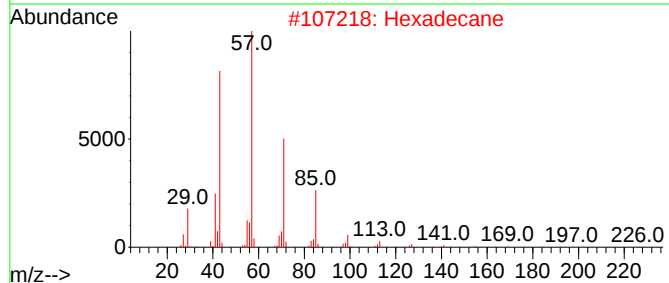
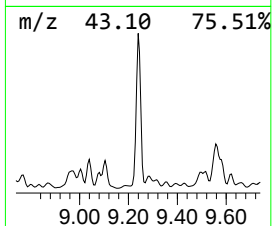
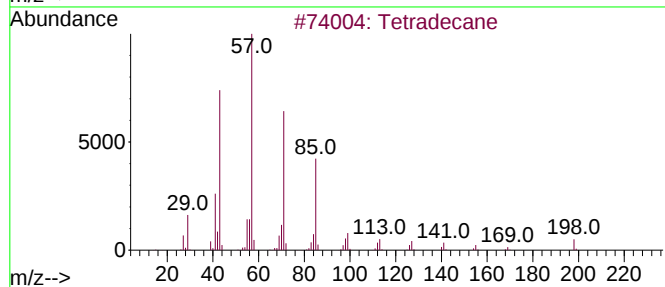
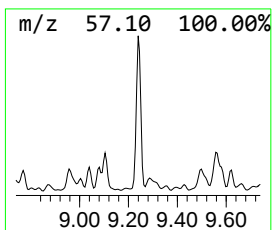
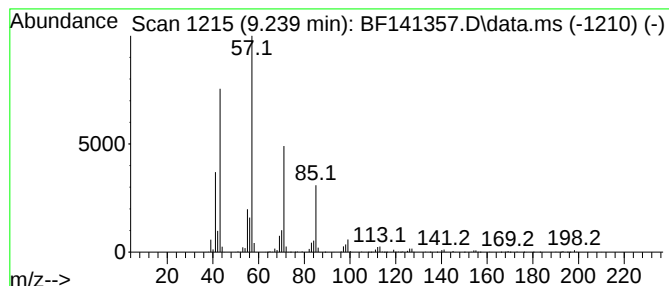
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.239	40.33 ng	2205220	Acenaphthene-d10	9.833

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Undecane	156	C11H24	001120-21-4	86
4		Pentadecane	212	C15H32	000629-62-9	86
5		Dodecane	170	C12H26	000112-40-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141357.D
Acq On : 01 Feb 2025 02:44
Operator : RC/JU
Sample : Q1220-01
Misc :
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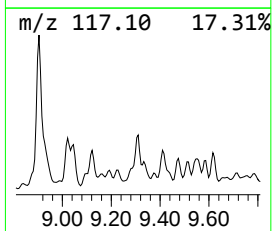
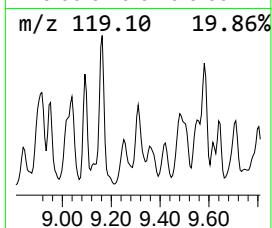
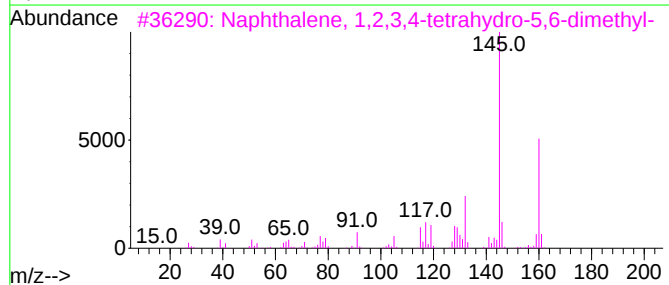
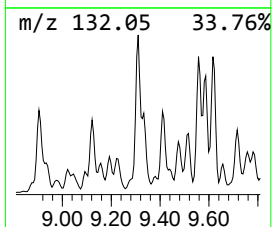
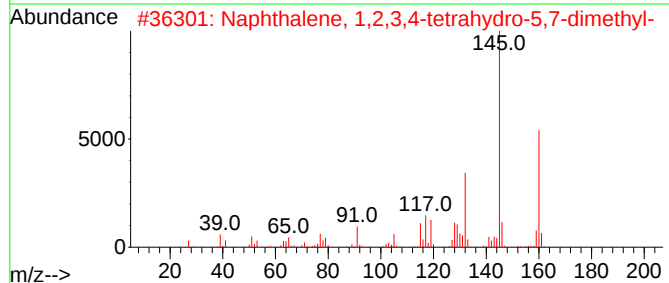
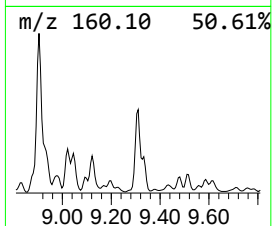
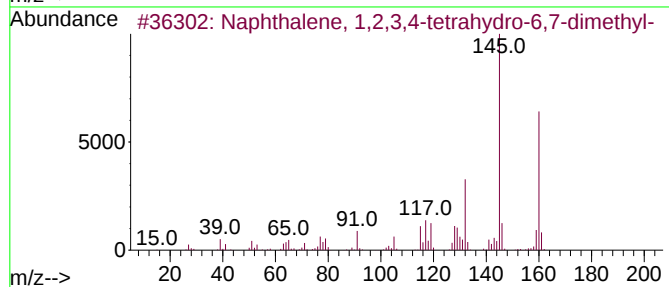
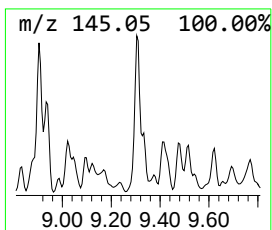
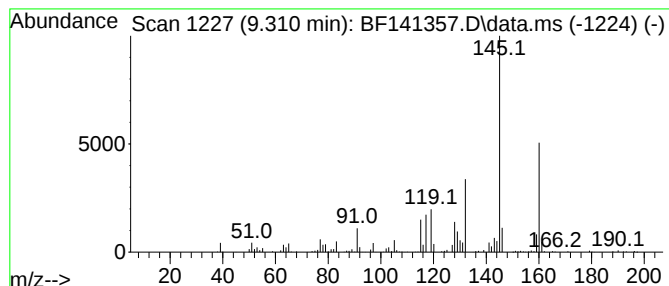
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.310	6.93 ng	379065	Acenaphthene-d10	9.833	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	91
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	81
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
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Operator : RC/JU
Sample : Q1220-01
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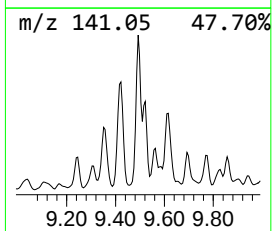
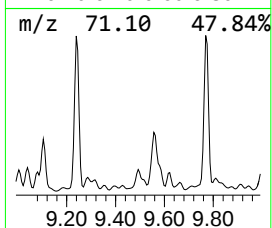
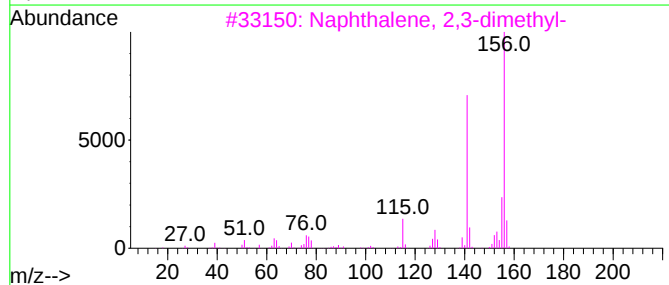
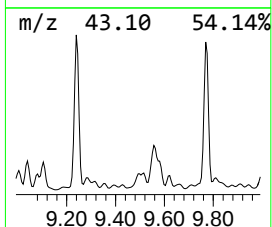
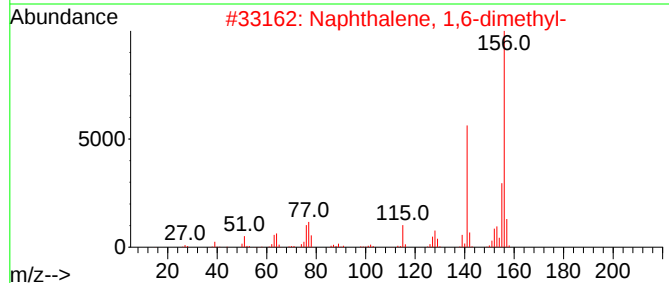
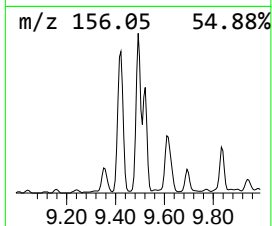
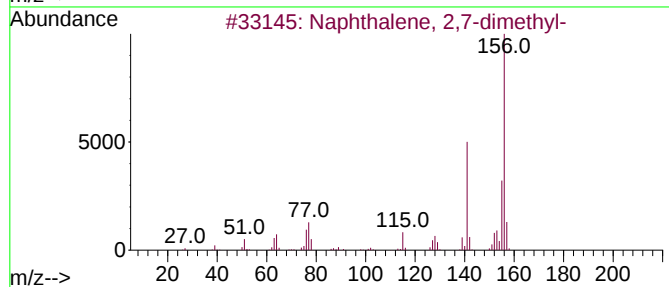
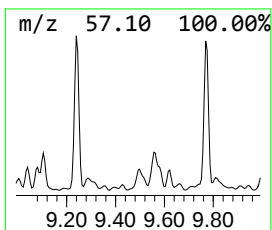
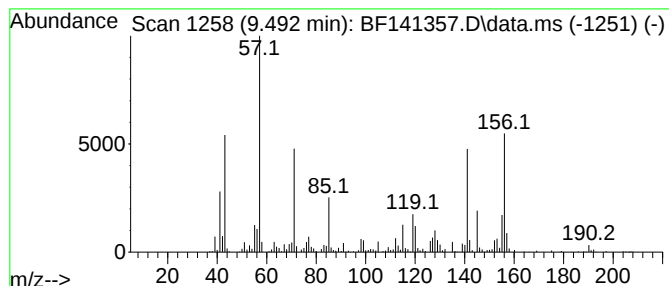
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.492	12.24 ng	669238	Acenaphthene-d10	9.833	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	84
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	56
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
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Acq On : 01 Feb 2025 02:44
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Misc :
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Instrument :
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ClientSampleId :
TR-06-01292025

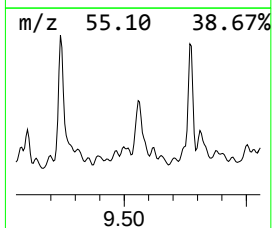
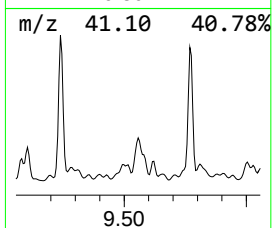
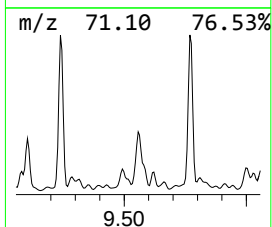
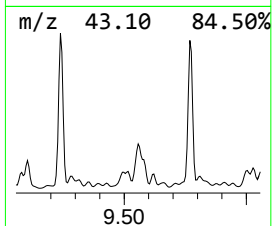
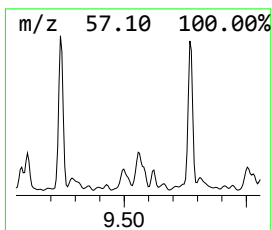
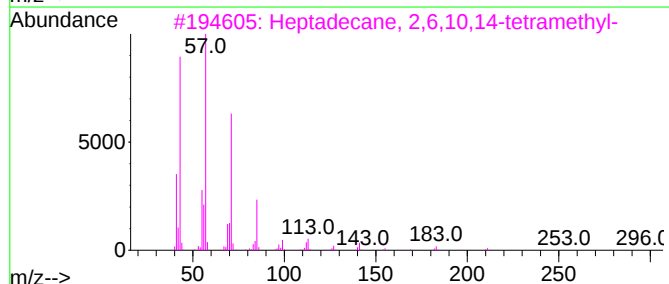
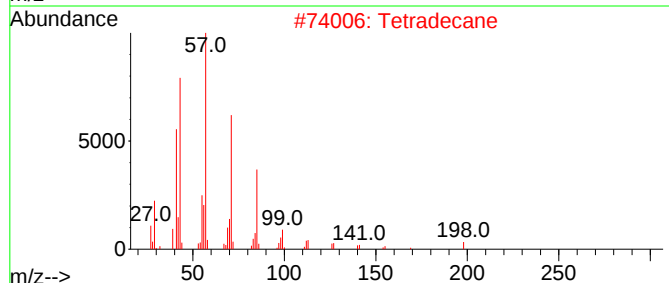
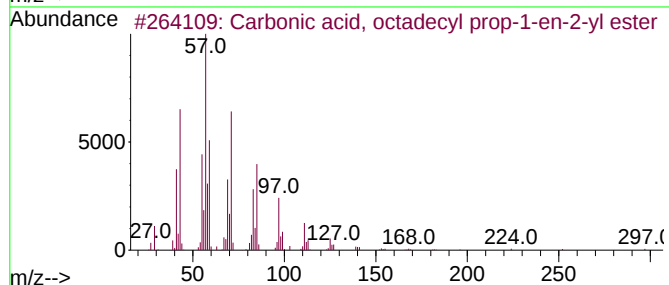
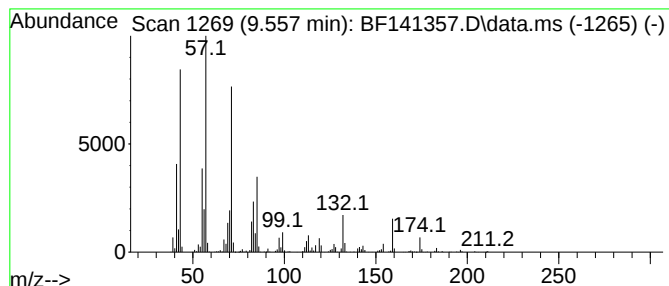
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Carbonic acid, octadecyl pr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	20.36 ng	1113230	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	86
2			Tetradecane	198	C14H30	000629-59-4	72
3			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
4			Nonadecane	268	C19H40	000629-92-5	68
5			Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141357.D
Acq On : 01 Feb 2025 02:44
Operator : RC/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-01292025

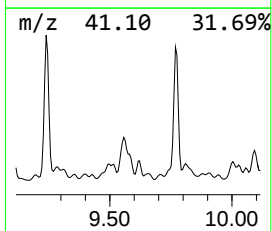
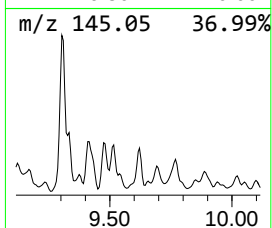
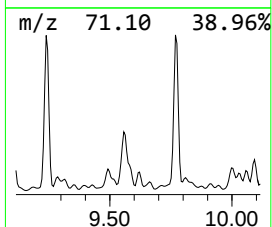
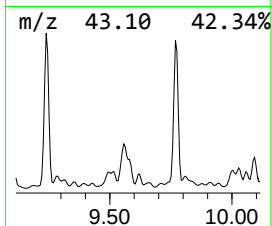
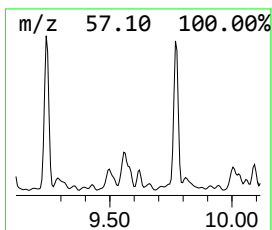
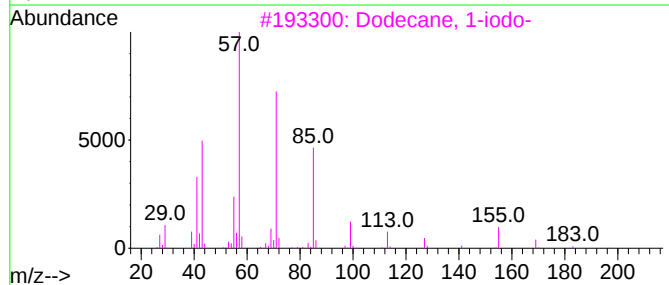
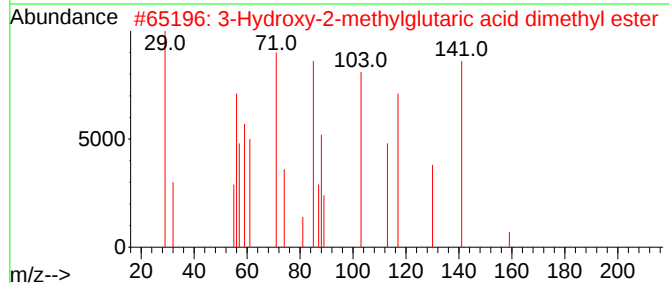
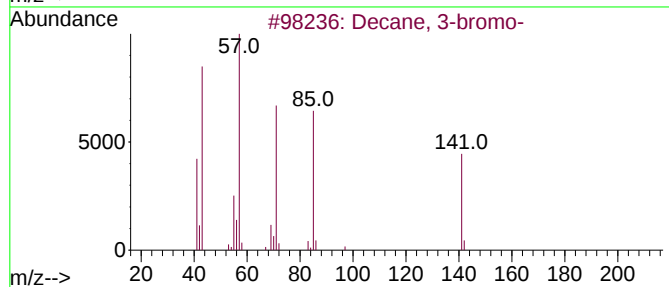
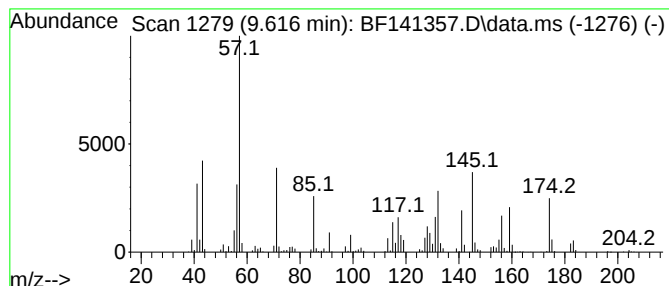
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.616 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	7.67 ng	419149	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-bromo-	220	C10H21Br	030571-71-2	27
2			3-Hydroxy-2-methylglutaric acid ...	190	C8H14O5	085547-41-7	14
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	14
4			Nonadecane	268	C19H40	000629-92-5	14
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	14



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Data File : BF141357.D
Acq On : 01 Feb 2025 02:44
Operator : RC/JU
Sample : Q1220-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-01292025

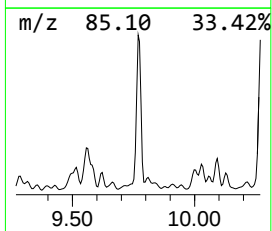
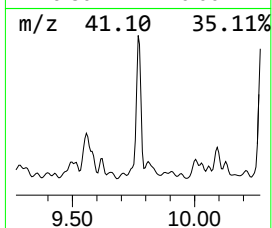
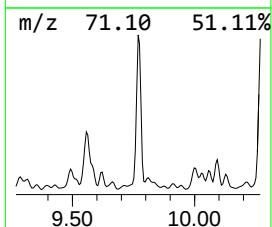
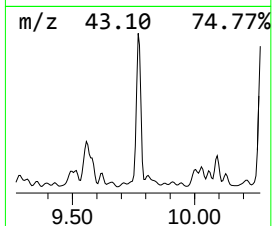
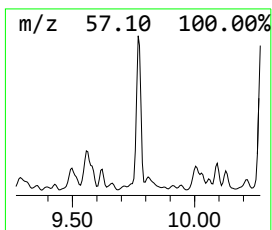
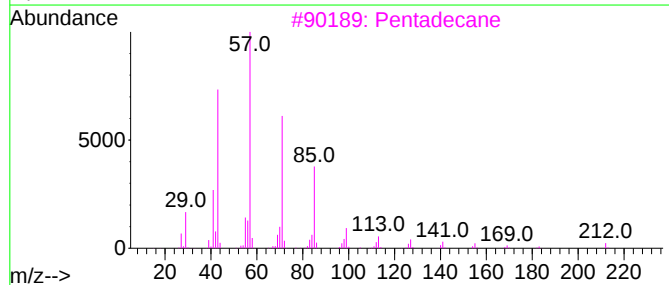
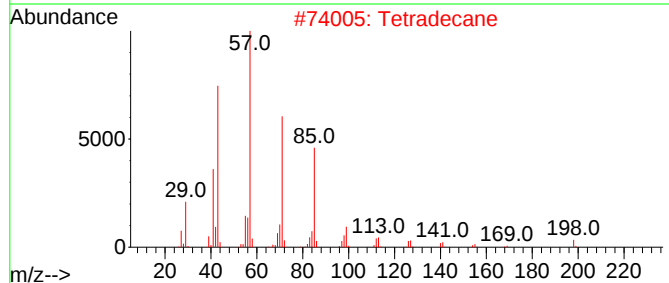
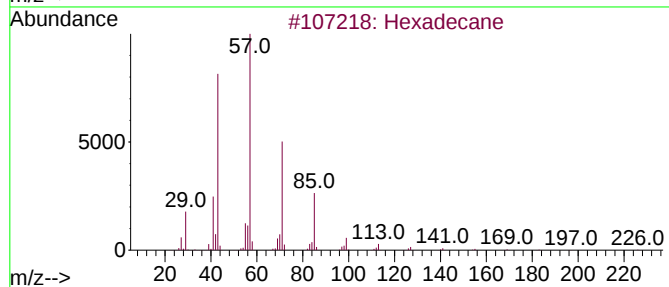
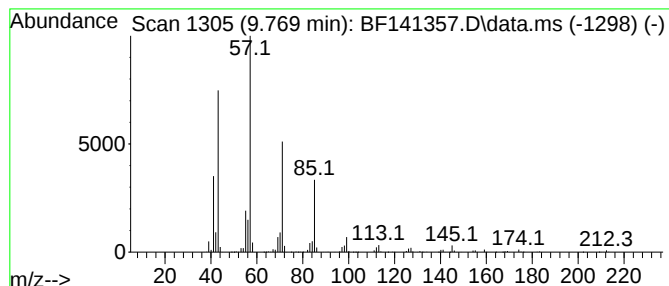
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	38.44 ng	2101760	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Pentadecane	212	C15H32	000629-62-9	86
4			Undecane	156	C11H24	001120-21-4	86
5			Tridecane	184	C13H28	000629-50-5	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
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Sample : Q1220-01
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ClientSampleId :
TR-06-01292025

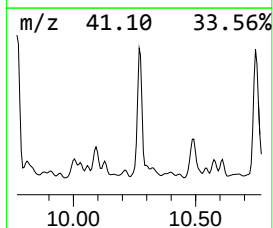
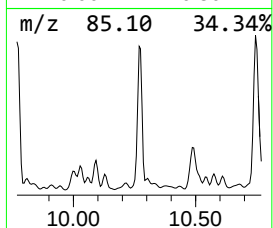
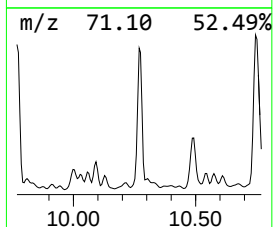
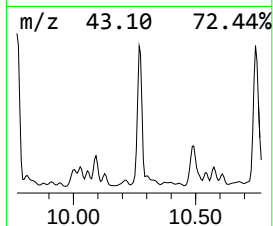
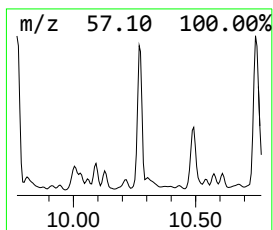
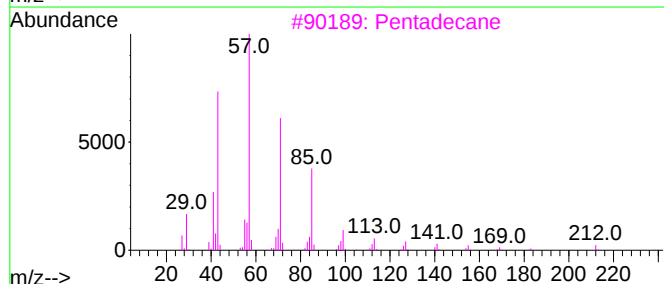
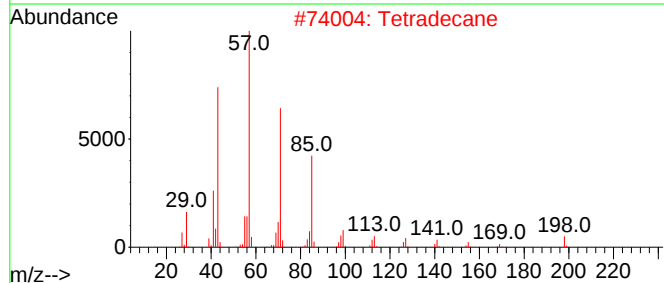
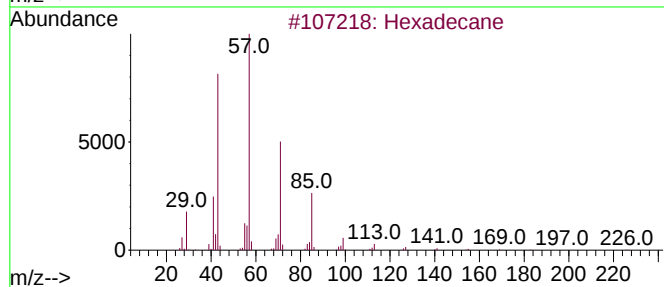
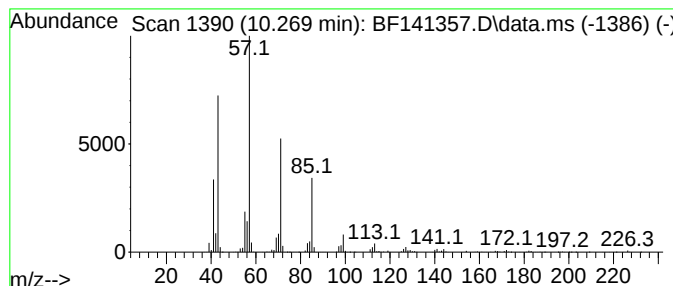
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	33.40 ng	1826220	Acenaphthene-d10	9.833

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	96
2		Tetradecane	198	C14H30	000629-59-4	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tridecane	184	C13H28	000629-50-5	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141357.D
Acq On : 01 Feb 2025 02:44
Operator : RC/JU
Sample : Q1220-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-01292025

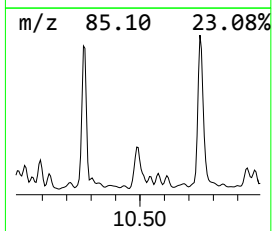
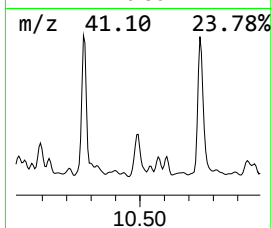
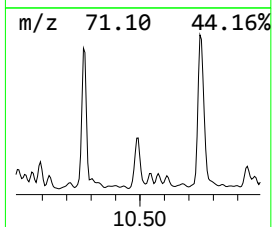
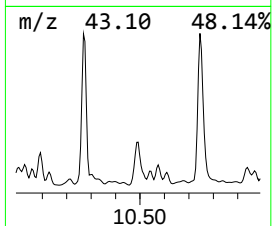
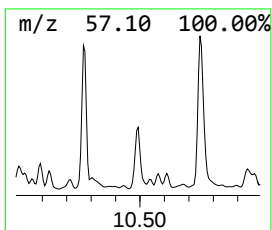
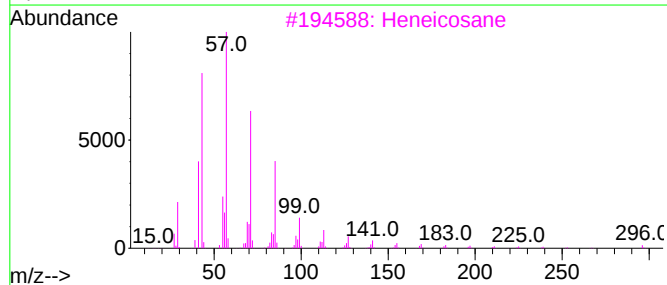
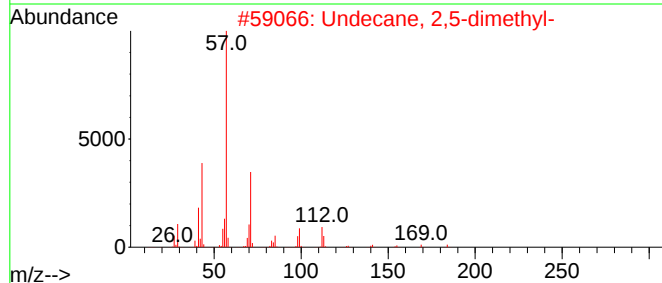
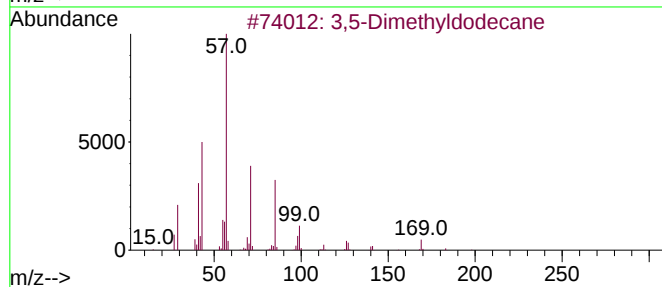
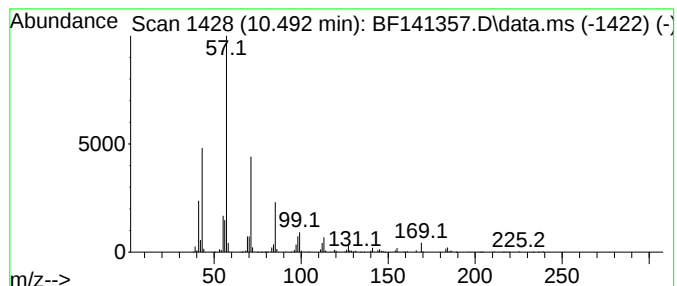
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 3,5-Dimethyldodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.492	16.52 ng	903185	Acenaphthene-d10	9.833

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,5-Dimethyldodecane	198	C14H30	107770-99-0	87
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3		Heneicosane	296	C21H44	000629-94-7	72
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
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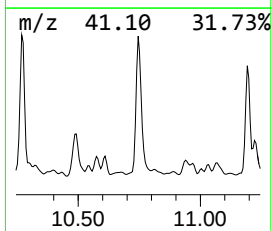
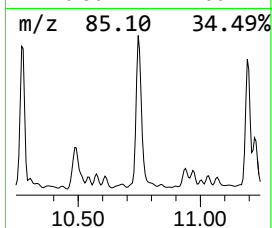
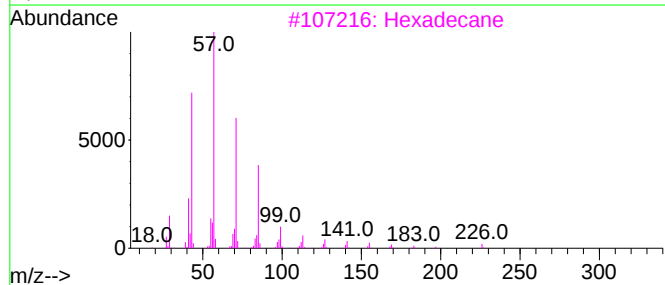
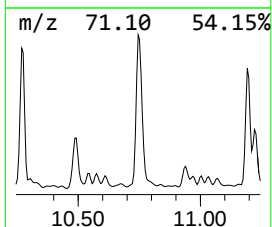
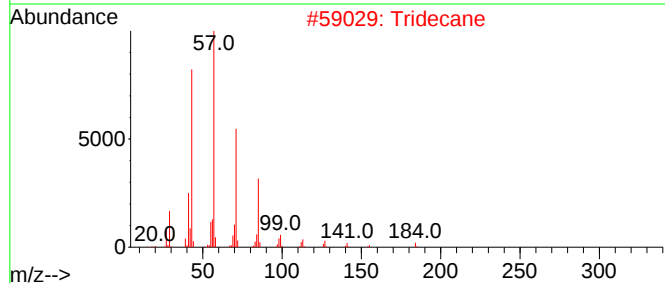
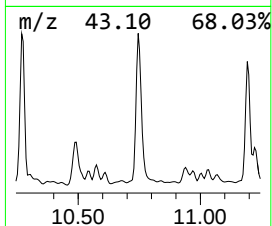
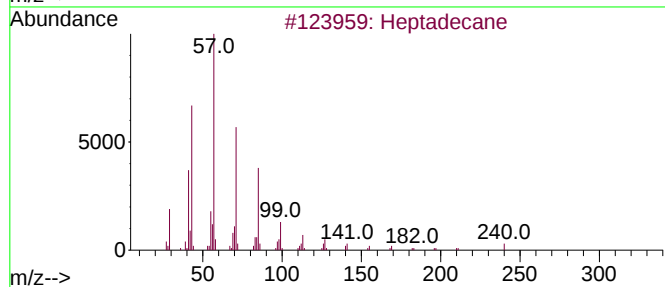
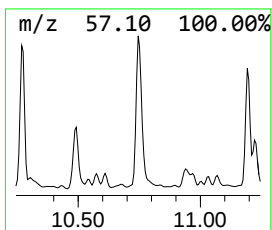
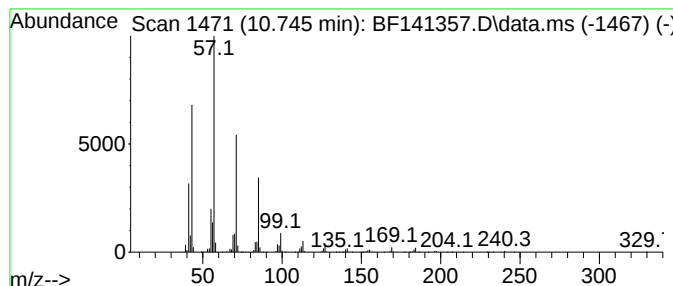
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	41.96 ng	2340720	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Tridecane	184	C13H28	000629-50-5	96
3			Hexadecane	226	C16H34	000544-76-3	87
4			Tetradecane	198	C14H30	000629-59-4	86
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141357.D
Acq On : 01 Feb 2025 02:44
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ClientSampleId :
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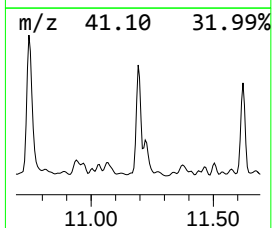
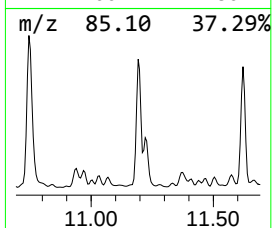
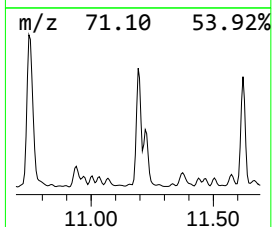
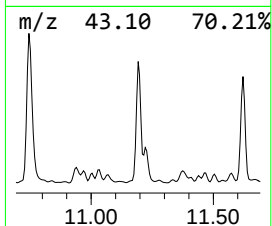
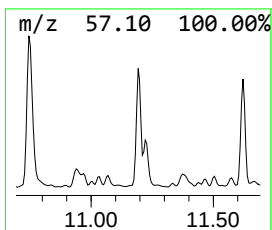
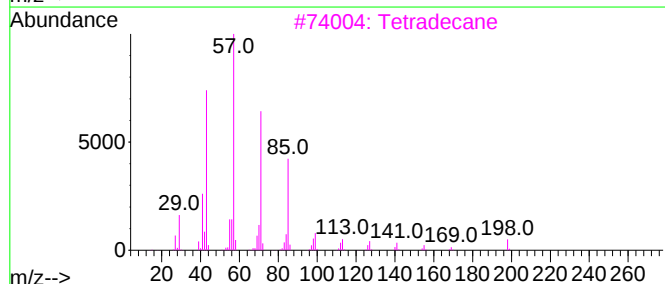
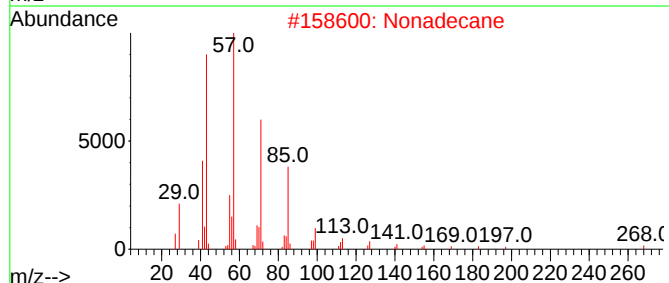
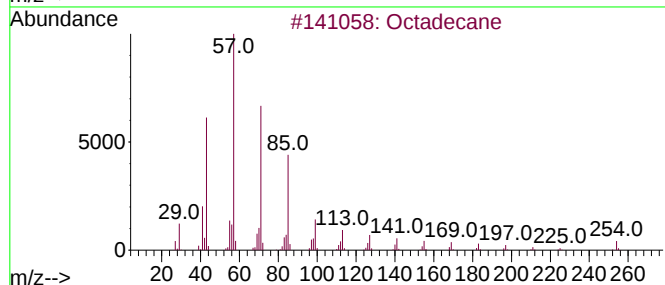
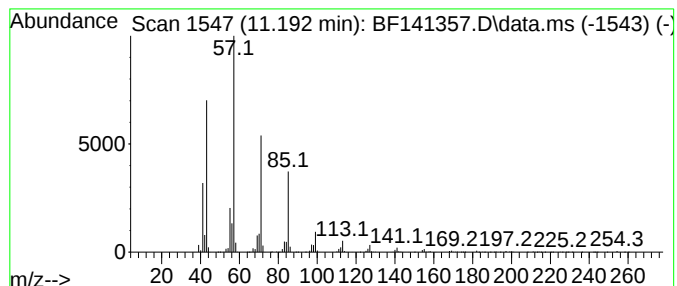
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	28.41 ng	1584430	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	93
2			Nonadecane	268	C19H40	000629-92-5	91
3			Tetradecane	198	C14H30	000629-59-4	86
4			Tridecane	184	C13H28	000629-50-5	86
5			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141357.D
Acq On : 01 Feb 2025 02:44
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TR-06-01292025

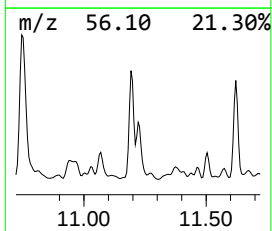
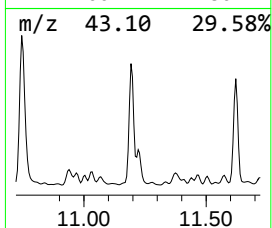
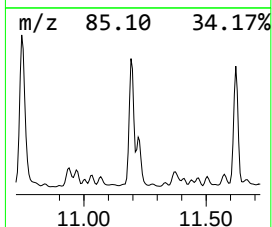
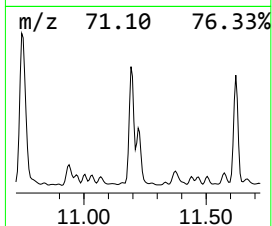
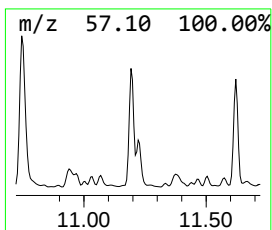
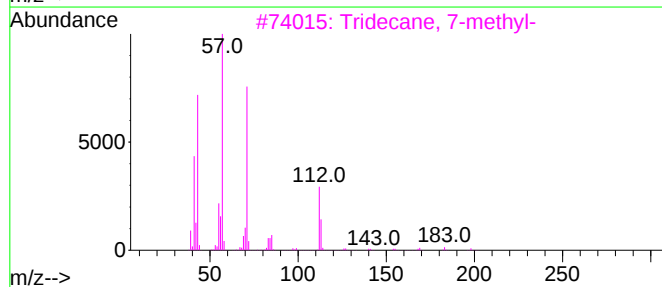
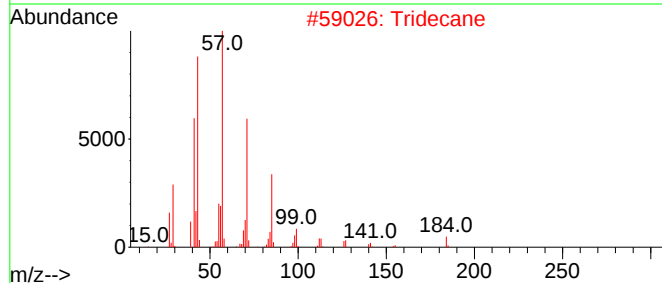
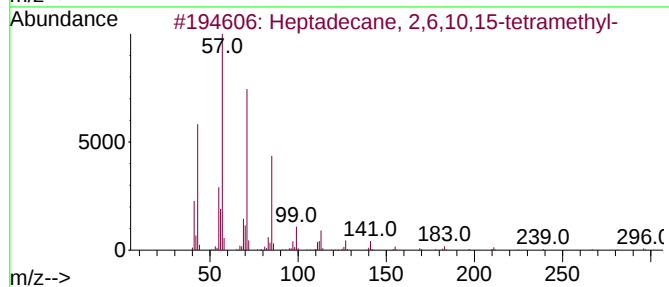
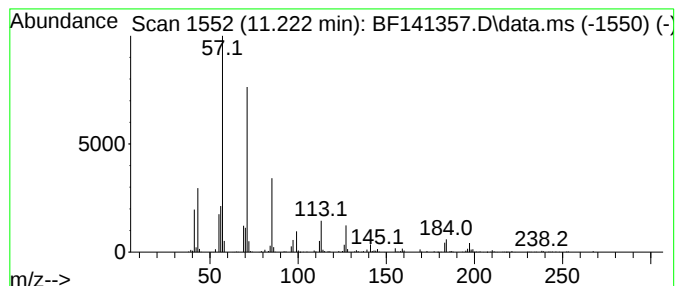
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	12.14 ng	676991	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2		Tridecane	184	C13H28	000629-50-5	87
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141357.D
Acq On : 01 Feb 2025 02:44
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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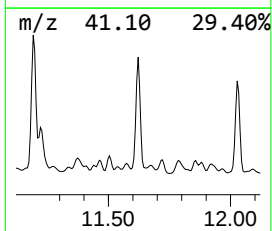
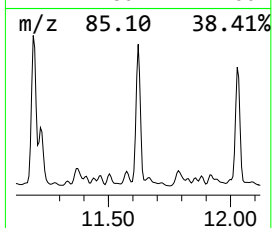
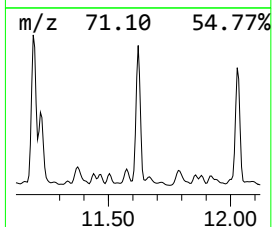
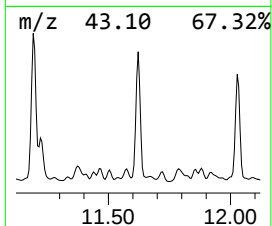
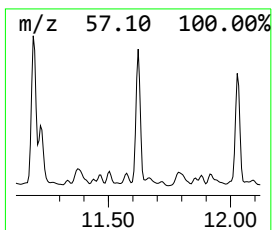
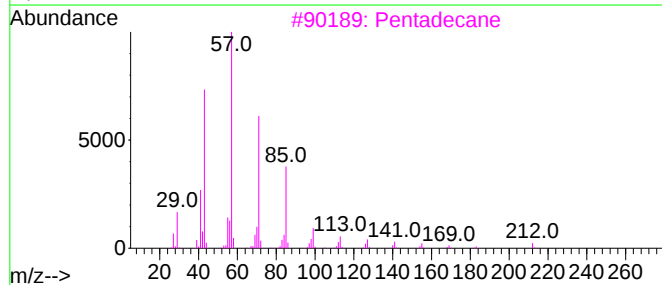
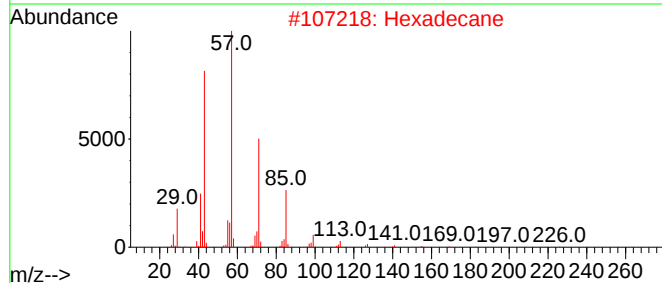
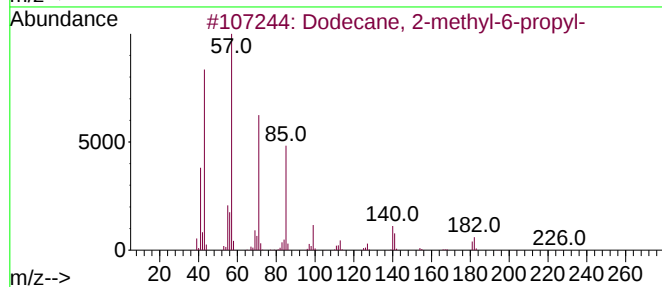
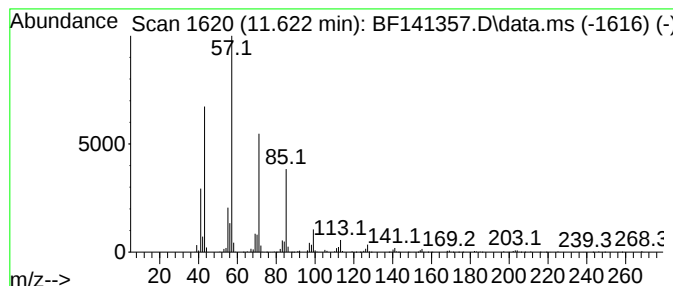
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.621	24.14 ng	1346400	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2		Hexadecane	226	C16H34	000544-76-3	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141357.D
Acq On : 01 Feb 2025 02:44
Operator : RC/JU
Sample : Q1220-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

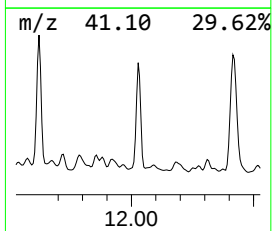
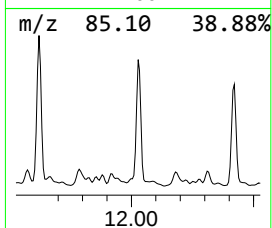
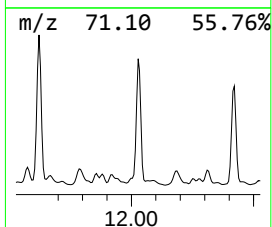
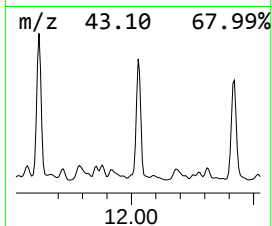
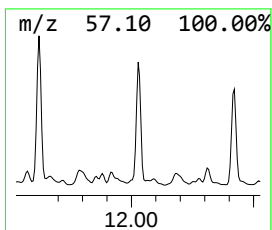
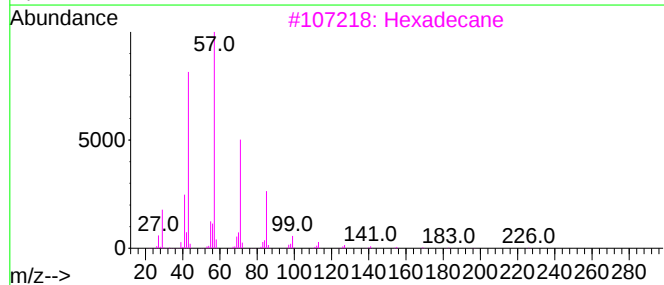
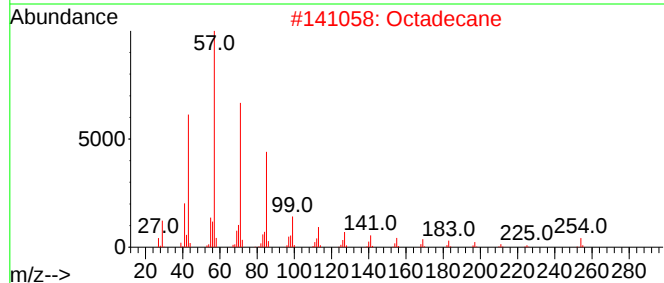
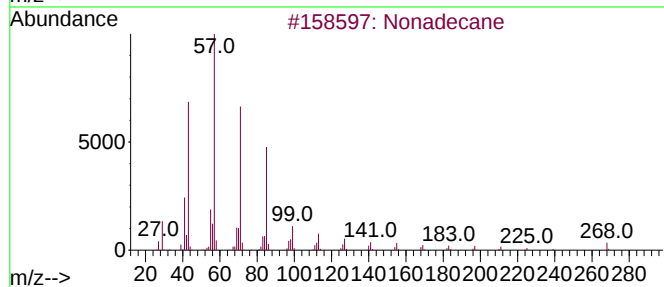
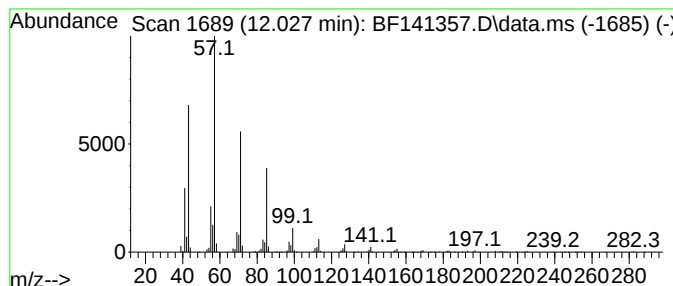
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	20.08 ng	1119960	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Octadecane	254	C18H38	000593-45-3	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Eicosane	282	C20H42	000112-95-8	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141357.D
Acq On : 01 Feb 2025 02:44
Operator : RC/JU
Sample : Q1220-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

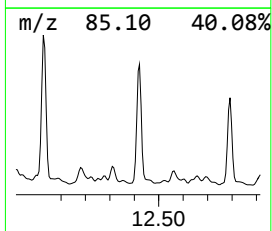
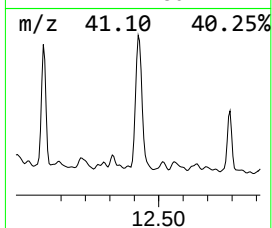
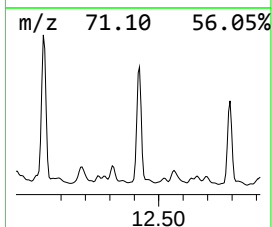
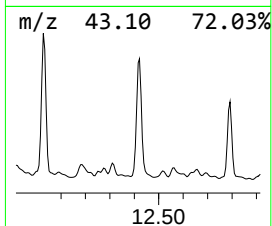
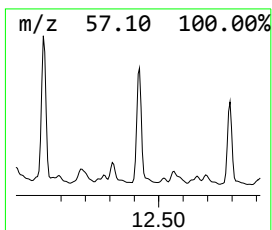
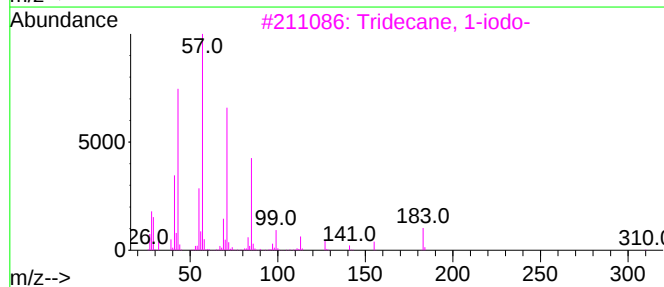
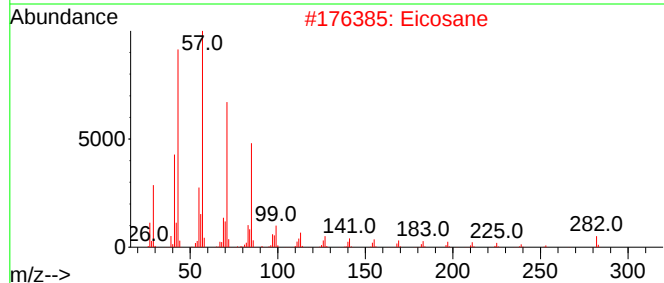
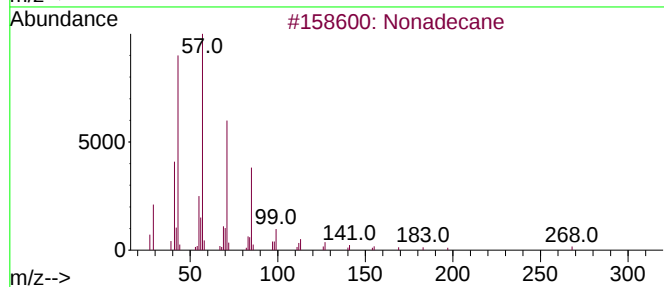
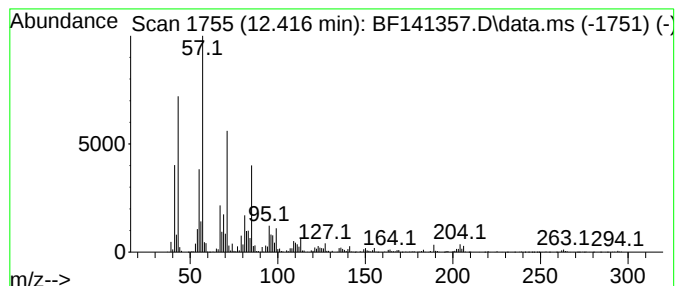
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	35.61 ng	1986090	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	70
2			Eicosane	282	C20H42	000112-95-8	64
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	62
4			Octacosane	394	C28H58	000630-02-4	62
5			Octadecane	254	C18H38	000593-45-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141357.D
Acq On : 01 Feb 2025 02:44
Operator : RC/JU
Sample : Q1220-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

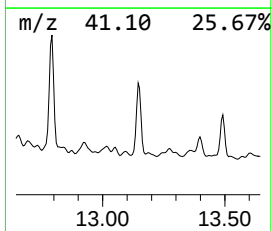
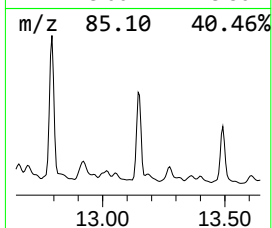
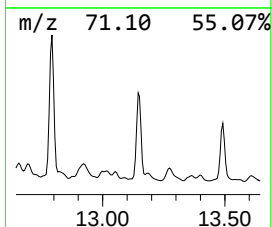
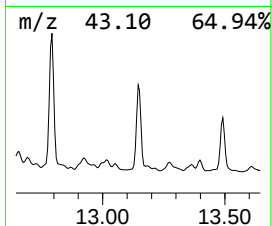
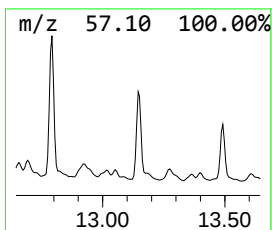
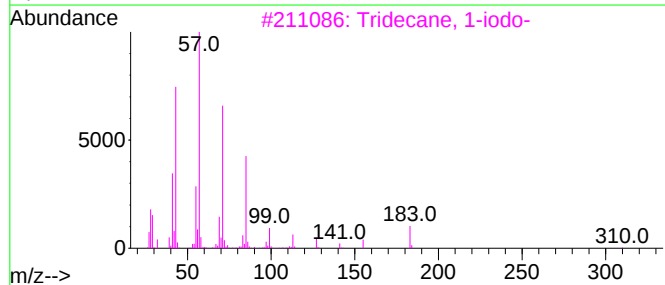
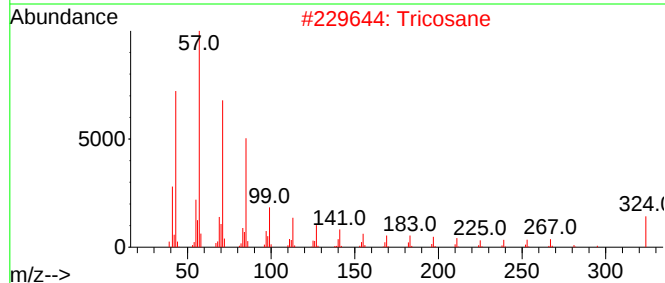
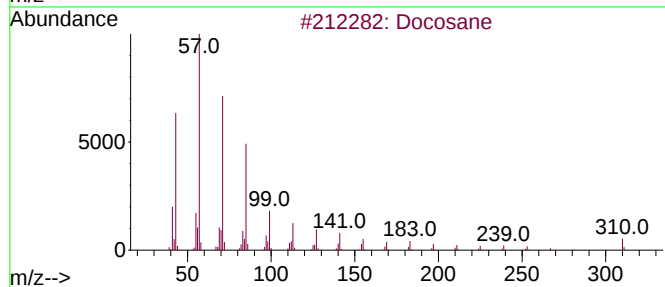
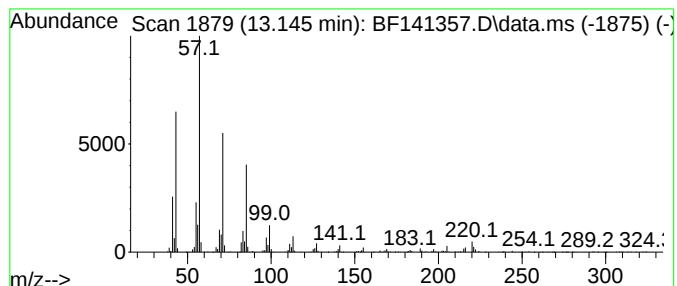
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Docosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	9.43 ng	542256	Chrysene-d12	13.968

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	95
2			Tricosane	324	C23H48	000638-67-5	93
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4			Heptacosane	380	C27H56	000593-49-7	90
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141357.D
Acq On : 01 Feb 2025 02:44
Operator : RC/JU
Sample : Q1220-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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
Tetradecane, 1-...	6.634	11.6	ng	540705	1	6.798	930005	20.0
Benzene, 1-meth...	7.075	8.7	ng	402260	1	6.798	930005	20.0
Tridecane	8.675	10.7	ng	1861220	2	8.081	3494030	20.0
Hexadecane	9.039	8.3	ng	452840	3	9.833	1093560	20.0
Dodecane, 2,6,1...	9.104	16.0	ng	876847	3	9.833	1093560	20.0
Tetradecane	9.239	40.3	ng	2205220	3	9.833	1093560	20.0
Naphthalene, 1,...	9.310	6.9	ng	379065	3	9.833	1093560	20.0
Naphthalene, 2,...	9.492	12.2	ng	669238	3	9.833	1093560	20.0
Carbonic acid, ...	9.557	20.4	ng	1113230	3	9.833	1093560	20.0
unknown9.616	9.616	7.7	ng	419149	3	9.833	1093560	20.0
Pentadecane	9.769	38.4	ng	2101760	3	9.833	1093560	20.0
Heptadecane	10.269	33.4	ng	1826220	3	9.833	1093560	20.0
3,5-Dimethyldod...	10.492	16.5	ng	903185	3	9.833	1093560	20.0
Dodecane, 2-met...	10.745	42.0	ng	2340720	4	11.322	1115590	20.0
Octadecane	11.192	28.4	ng	1584430	4	11.322	1115590	20.0
Heptadecane, 2,...	11.222	12.1	ng	676991	4	11.322	1115590	20.0
Heneicosane	11.621	24.1	ng	1346400	4	11.322	1115590	20.0
Nonadecane	12.027	20.1	ng	1119960	4	11.322	1115590	20.0
Eicosane	12.416	35.6	ng	1986090	4	11.322	1115590	20.0
Docosane	13.145	9.4	ng	542256	5	13.968	1150660	20.0