

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
 Data File : BF142020.D
 Acq On : 20 Mar 2025 19:35
 Operator : RC/JU
 Sample : Q1603-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-070-031925

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142020.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	4	17	rVB	354558	395843	12.00%	0.590%
2	5.087	497	509	517	rVB2	18681	35780	1.08%	0.053%
3	5.487	571	577	588	rBV	1071957	1400271	42.43%	2.088%
4	6.128	680	686	692	rBV3	28323	51234	1.55%	0.076%
5	6.316	713	718	721	rBV2	20955	34999	1.06%	0.052%
6	6.375	721	728	730	rVV4	22425	38573	1.17%	0.058%
7	6.404	730	733	737	rVV2	63918	96509	2.92%	0.144%
8	6.492	740	748	756	rVV	1028811	1377825	41.75%	2.054%
9	6.557	756	759	765	rVB	35919	53949	1.63%	0.080%
10	6.616	765	769	774	rBV3	29171	57491	1.74%	0.086%
11	6.710	780	785	792	rVB2	187335	272166	8.25%	0.406%
12	6.834	797	806	808	rBV4	27342	61445	1.86%	0.092%
13	6.875	808	813	820	rVV	619675	835987	25.33%	1.246%
14	6.934	820	823	827	rVB	66805	79124	2.40%	0.118%
15	7.022	834	838	842	rBV2	66965	86483	2.62%	0.129%
16	7.057	842	844	849	rVB3	31570	33533	1.02%	0.050%
17	7.145	849	859	863	rBV3	176799	344336	10.43%	0.513%
18	7.192	863	867	874	rVB3	131523	282249	8.55%	0.421%
19	7.269	874	880	884	rBV3	172618	286186	8.67%	0.427%
20	7.339	889	892	894	rBV	59216	79209	2.40%	0.118%
21	7.434	899	908	911	rBV2	713828	1258297	38.13%	1.876%
22	7.469	911	914	918	rVB	493683	595679	18.05%	0.888%
23	7.522	918	923	926	rBV4	182474	267014	8.09%	0.398%
24	7.563	926	930	932	rBV3	90746	143948	4.36%	0.215%
25	7.645	941	944	945	rBV	66368	66861	2.03%	0.100%
26	7.675	946	949	958	rVB2	270896	517780	15.69%	0.772%
27	7.775	958	966	968	rBV4	193594	410746	12.45%	0.612%
28	7.804	968	971	973	rVV3	128921	162258	4.92%	0.242%
29	7.834	973	976	980	rVB3	178489	243546	7.38%	0.363%
30	7.875	980	983	984	rBV3	180620	205136	6.22%	0.306%
31	7.898	984	987	993	rVV5	287453	498234	15.10%	0.743%
32	7.951	993	996	998	rVV	76726	90525	2.74%	0.135%
33	7.992	1001	1003	1006	rVB	152660	167356	5.07%	0.250%
34	8.028	1006	1009	1012	rVB	102681	105747	3.20%	0.158%
35	8.063	1012	1015	1018	rBV2	93306	108735	3.30%	0.162%
36	8.139	1018	1028	1037	rBV4	1247222	3206099	97.16%	4.780%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.210	1037	1040	1044	rVB2	396087	533565	16.17%	0.796%
38	8.245	1044	1046	1053	rVB5	179798	267483	8.11%	0.399%
39	8.328	1053	1060	1061	rBV3	160923	291699	8.84%	0.435%
40	8.357	1062	1065	1068	rVB2	244110	295532	8.96%	0.441%
41	8.404	1069	1073	1075	rBV2	119889	166624	5.05%	0.248%
42	8.445	1076	1080	1086	rBV6	398970	643763	19.51%	0.960%
43	8.504	1086	1090	1092	rBV2	202326	234208	7.10%	0.349%
44	8.539	1092	1096	1099	rVV3	256881	324152	9.82%	0.483%
45	8.575	1099	1102	1108	rVB2	361917	478158	14.49%	0.713%
46	8.663	1113	1117	1121	rBV2	620500	844359	25.59%	1.259%
47	8.745	1127	1131	1135	rBV	1341208	1691220	51.25%	2.522%
48	8.816	1140	1143	1146	rVV	172606	220659	6.69%	0.329%
49	8.904	1155	1158	1161	rBV3	120722	172309	5.22%	0.257%
50	8.981	1166	1171	1175	rVV4	532185	812789	24.63%	1.212%
51	9.104	1189	1192	1197	rVB2	354101	560588	16.99%	0.836%
52	9.151	1197	1200	1201	rBV	179565	186525	5.65%	0.278%
53	9.175	1201	1204	1209	rVV4	491532	741008	22.46%	1.105%
54	9.228	1209	1213	1218	rVB	1253129	1526711	46.27%	2.276%
55	9.310	1223	1227	1232	rBV	1654557	2177759	66.00%	3.247%
56	9.380	1236	1239	1243	rVB	330496	394084	11.94%	0.588%
57	9.569	1264	1271	1273	rBV4	381910	871020	26.40%	1.299%
58	9.628	1277	1281	1284	rBV3	663425	989519	29.99%	1.475%
59	9.692	1289	1292	1296	rVB2	373111	457013	13.85%	0.681%
60	9.775	1303	1306	1310	rBV4	141239	217564	6.59%	0.324%
61	9.839	1313	1317	1321	rVV	1663012	2159488	65.44%	3.220%
62	9.910	1322	1329	1333	rVV2	689926	1136277	34.43%	1.694%
63	10.016	1344	1347	1351	rVB	174544	212918	6.45%	0.317%
64	10.075	1353	1357	1359	rBV2	279025	445445	13.50%	0.664%
65	10.163	1368	1372	1376	rBV4	371705	536065	16.25%	0.799%
66	10.233	1381	1384	1390	rBV6	164095	359110	10.88%	0.535%
67	10.339	1397	1402	1406	rBV	1765683	2310586	70.02%	3.445%
68	10.557	1434	1439	1445	rBV	640591	1098639	33.29%	1.638%
69	10.616	1446	1449	1452	rBV2	183744	225887	6.85%	0.337%
70	10.698	1457	1463	1467	rVB2	639274	1005647	30.48%	1.499%
71	10.816	1478	1483	1492	rVB	1868689	2908369	88.14%	4.336%
72	11.004	1512	1515	1518	rBV	208445	315012	9.55%	0.470%
73	11.263	1554	1559	1562	rBV	1547253	2074624	62.87%	3.093%
74	11.292	1562	1564	1570	rVB	690117	865192	26.22%	1.290%
75	11.398	1578	1582	1584	rBV	763327	1000474	30.32%	1.492%
76	11.422	1584	1586	1592	rVB	625820	850586	25.78%	1.268%

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77	11.574	1609	1612	1615	rVB	153673	176191	5.34%	0.263%
78	11.686	1627	1631	1636	rBV	1308742	1648303	49.95%	2.458%
79	12.010	1684	1686	1694	rVB3	360457	680549	20.62%	1.015%
80	12.098	1696	1701	1705	rBV	1183847	1479108	44.82%	2.205%
81	12.374	1746	1748	1756	rVB	200434	299423	9.07%	0.446%
82	12.445	1757	1760	1763	rBV2	174962	236825	7.18%	0.353%
83	12.486	1763	1767	1772	rVB	976282	1227127	37.19%	1.830%
84	12.616	1784	1789	1793	rBV	1662516	2176302	65.95%	3.245%
85	12.845	1821	1828	1834	rBV2	1912375	3299847	100.00%	4.920%
86	12.980	1846	1851	1859	rVB	1607390	2282129	69.16%	3.403%
87	13.168	1880	1883	1886	rVB	263648	323552	9.81%	0.482%
88	13.210	1886	1890	1893	rBV	398710	555699	16.84%	0.829%
89	13.268	1898	1900	1908	rVB3	178471	269478	8.17%	0.402%
90	13.551	1945	1948	1957	rBV2	255529	401821	12.18%	0.599%
91	13.880	2001	2004	2010	rVB2	275280	366657	11.11%	0.547%
92	14.033	2025	2030	2033	rBV2	1266025	2074792	62.88%	3.094%
93	15.080	2204	2208	2217	rBV	598265	1315484	39.86%	1.961%
94	15.386	2257	2260	2266	rVB	339138	515589	15.62%	0.769%
95	15.451	2267	2271	2277	rVB	477544	729636	22.11%	1.088%
96	15.515	2278	2282	2285	rBV	295653	455688	13.81%	0.679%

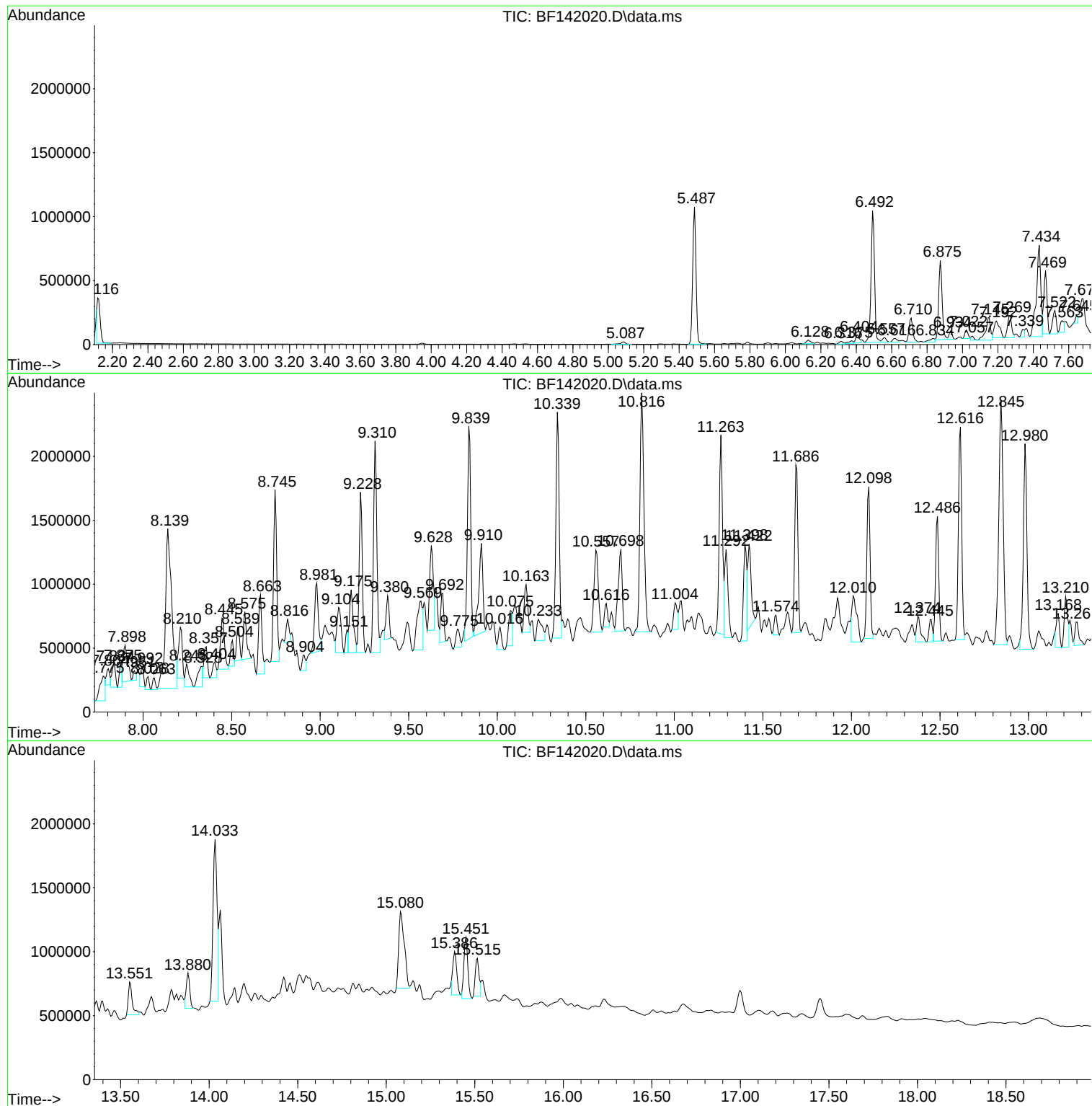
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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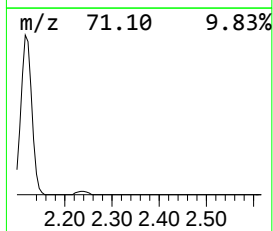
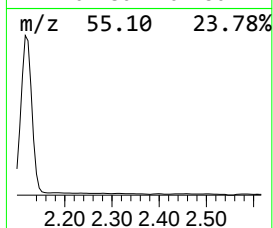
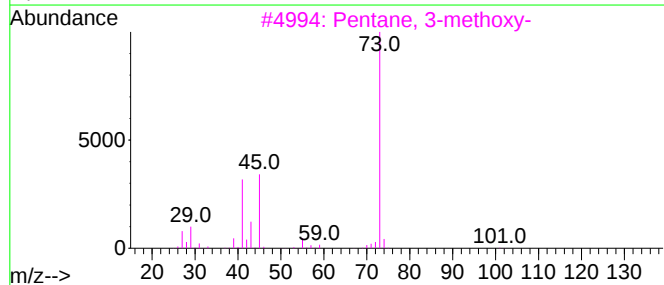
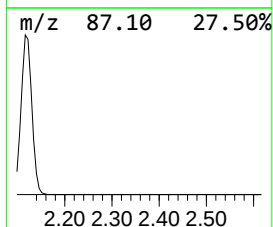
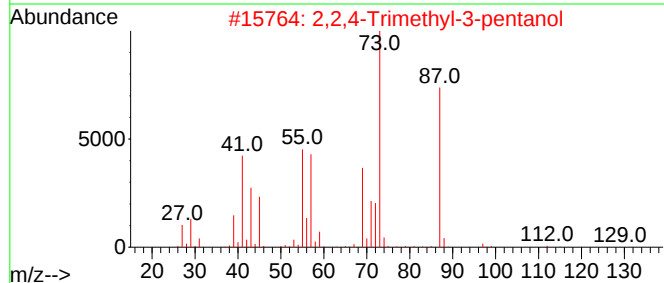
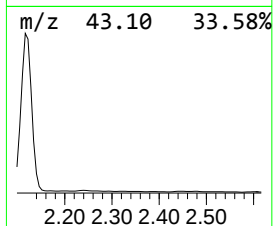
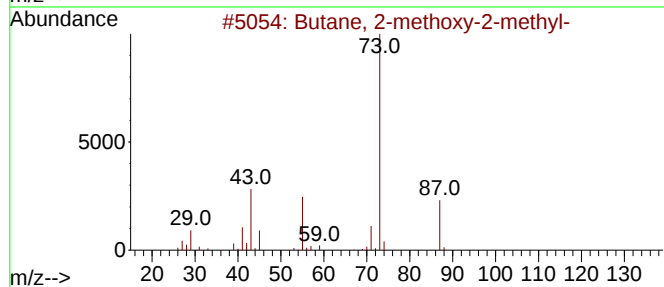
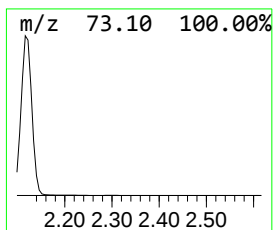
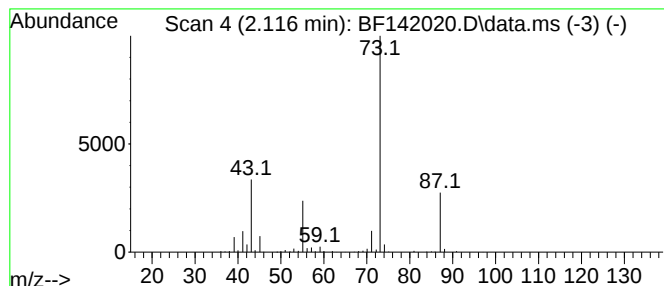
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	9.47 ng	395843	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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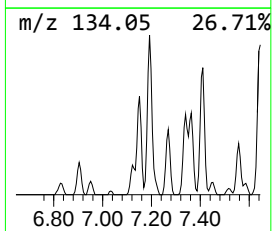
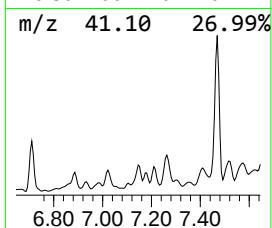
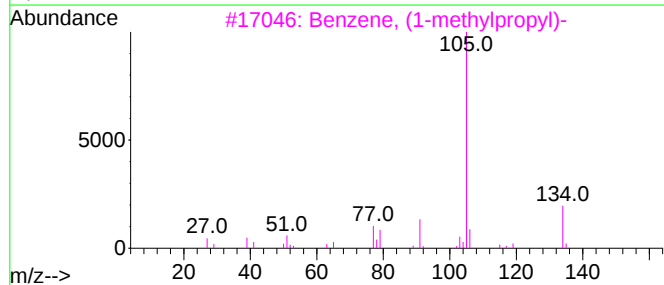
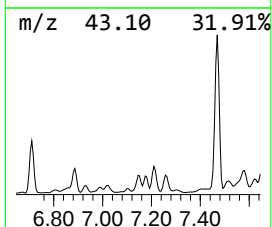
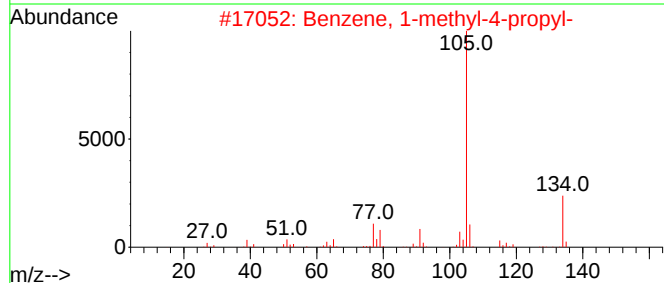
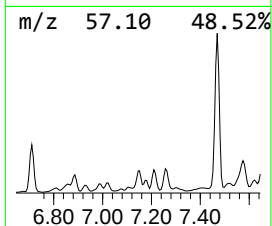
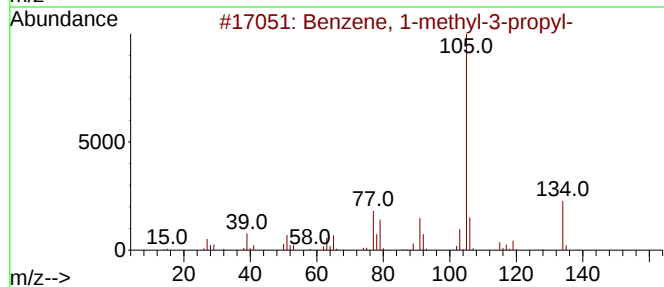
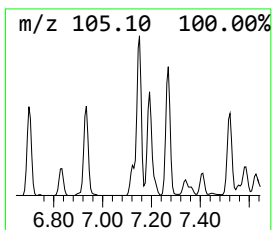
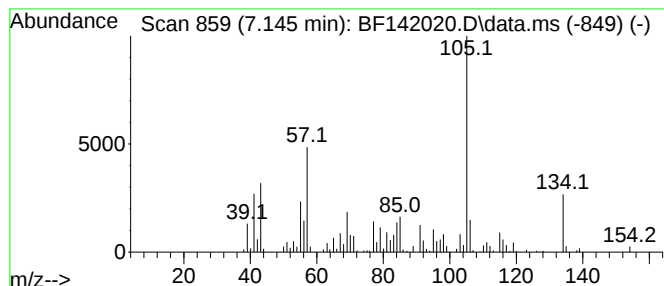
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.145	8.24 ng	344336	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	45
5			2-Indanol	134	C9H10O	004254-29-9	43



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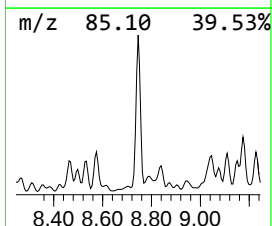
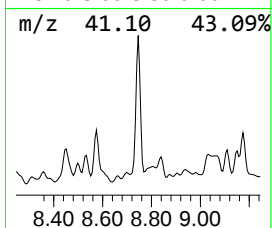
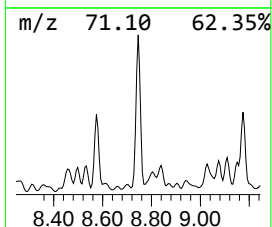
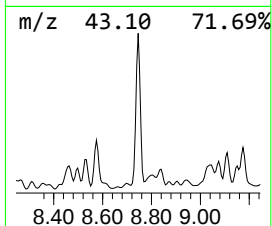
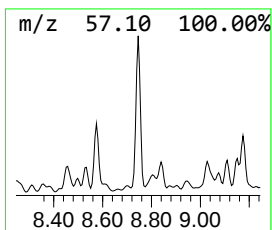
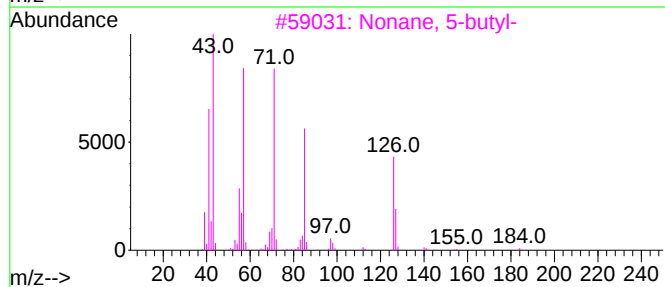
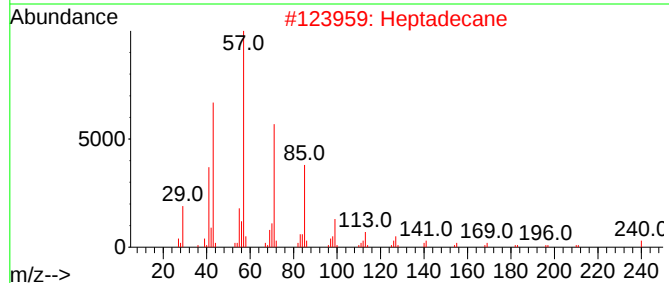
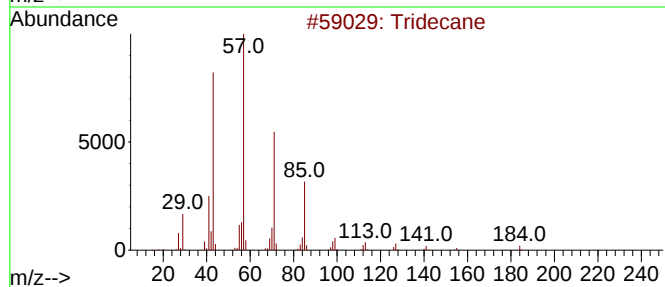
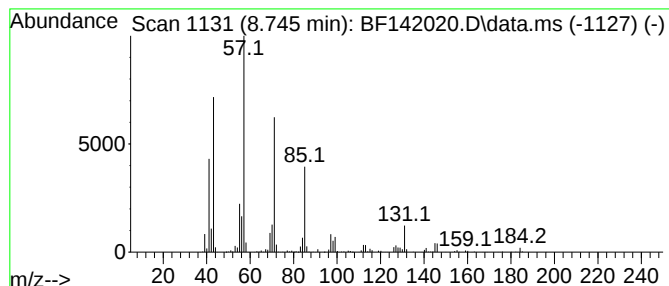
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	10.55 ng	1691220	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Heptadecane	240	C17H36	000629-78-7	64
3			Nonane, 5-butyl-	184	C13H28	017312-63-9	58
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	55
5			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142020.D
Acq On : 20 Mar 2025 19:35
Operator : RC/JU
Sample : Q1603-01 2X
Misc :
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Instrument :
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ClientSampleId :
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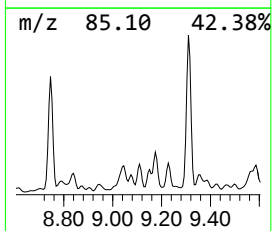
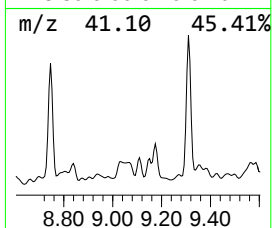
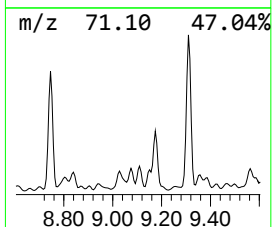
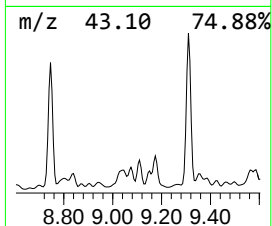
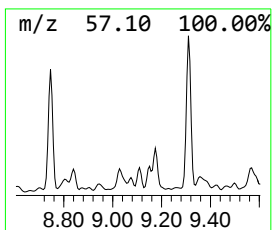
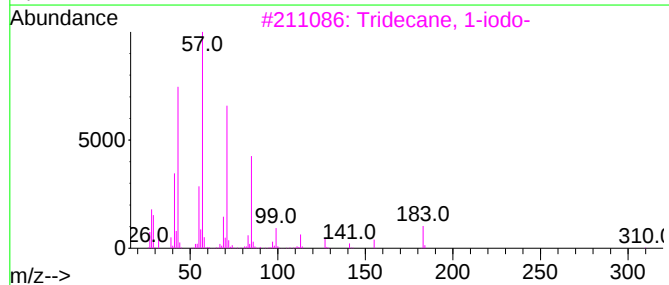
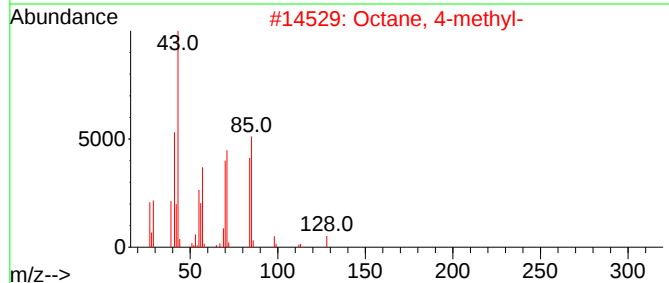
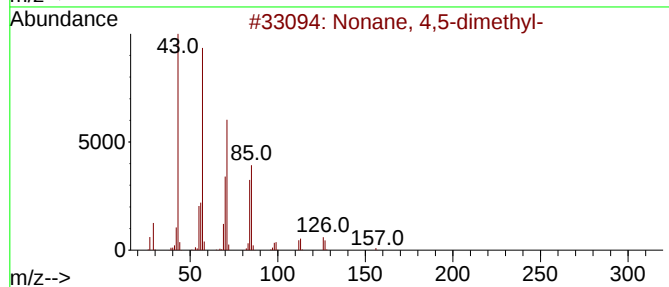
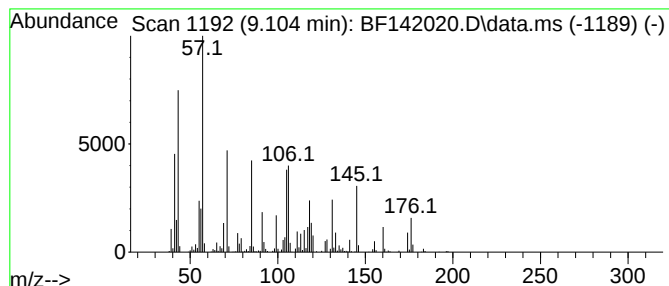
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.104 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	9.87 ng	560588	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38
2		Octane, 4-methyl-	128	C9H20	002216-34-4	25
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	25
4		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	22
5		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142020.D
Acq On : 20 Mar 2025 19:35
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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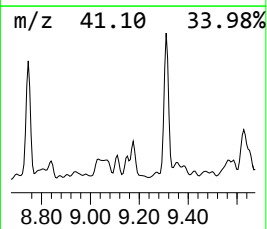
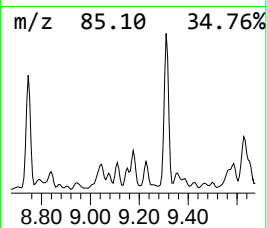
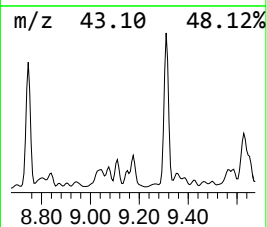
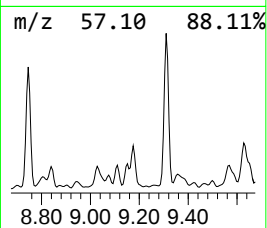
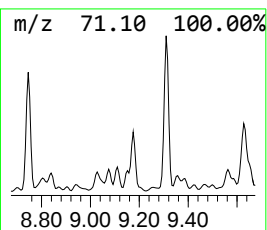
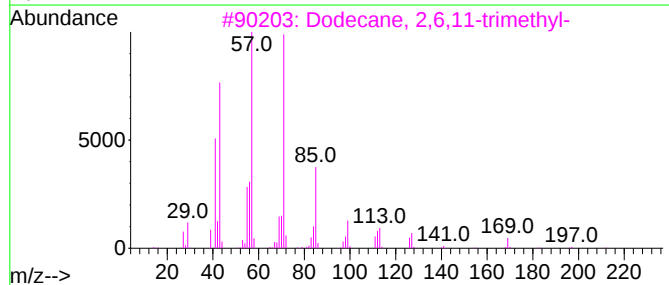
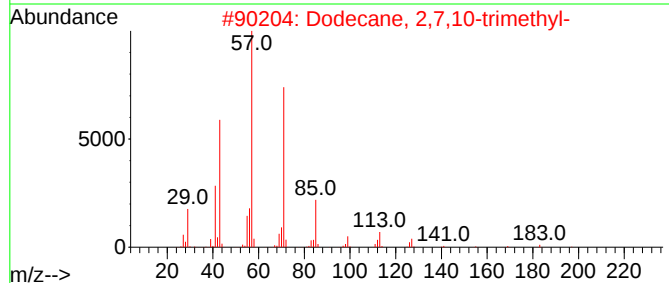
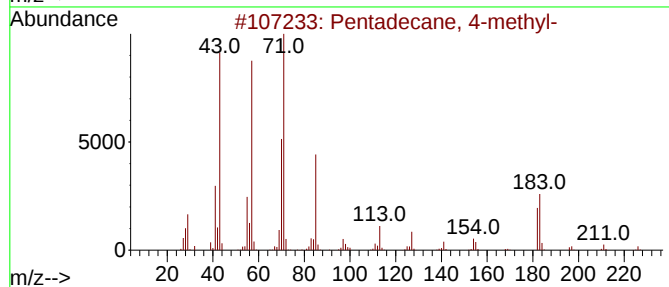
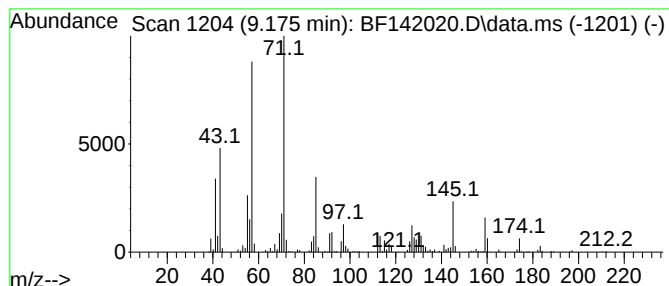
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	13.04 ng	741008	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	50
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
4			Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	47
5			Oxalic acid, neopentyl nonyl ester	286	C16H30O4	1000309-73-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142020.D
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Sample : Q1603-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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NB-070-031925

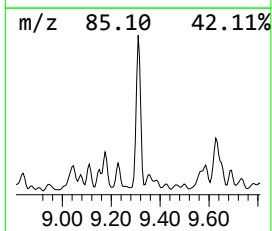
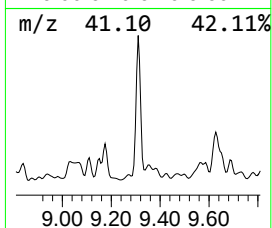
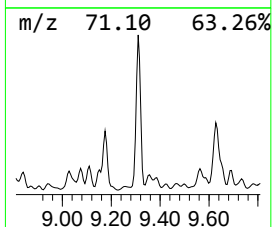
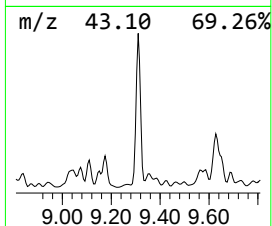
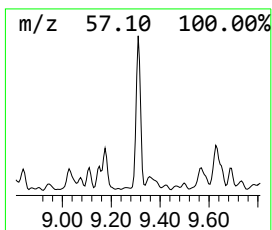
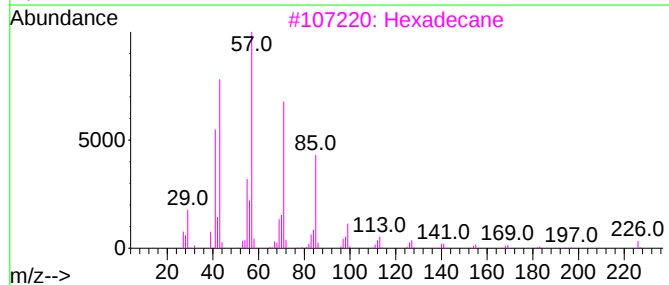
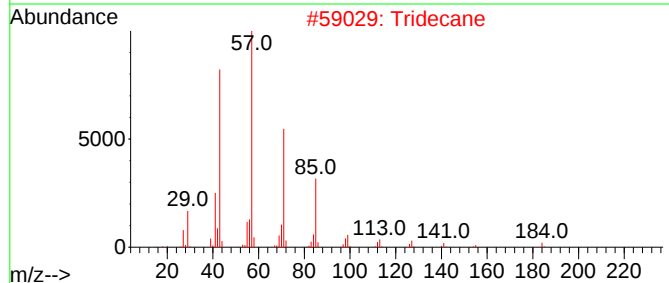
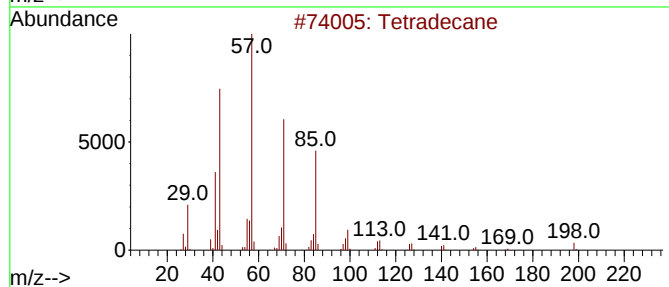
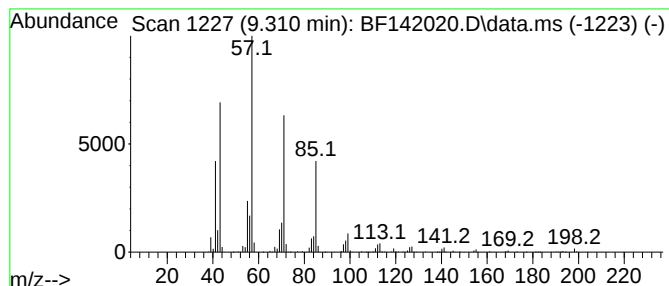
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	38.33 ng	2177760	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Nonadecane	268	C19H40	000629-92-5	87
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142020.D
Acq On : 20 Mar 2025 19:35
Operator : RC/JU
Sample : Q1603-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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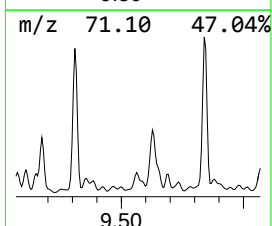
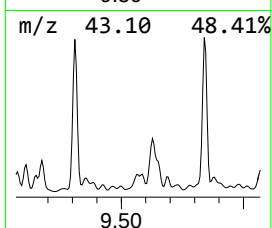
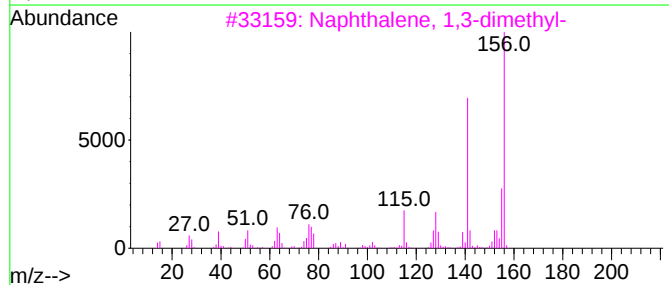
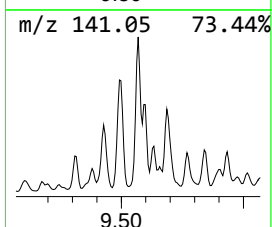
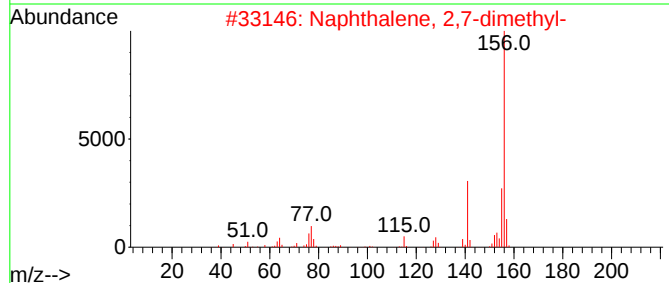
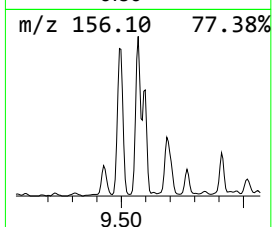
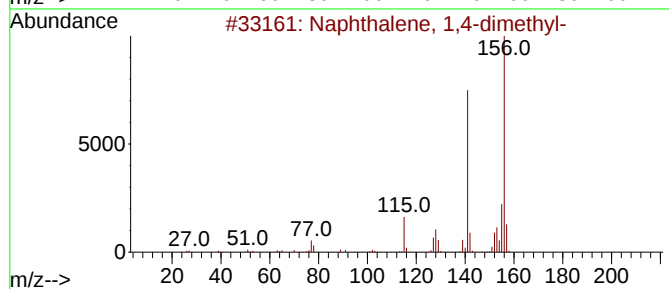
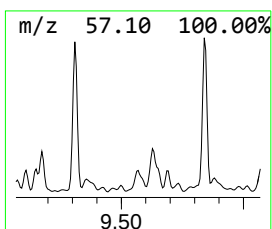
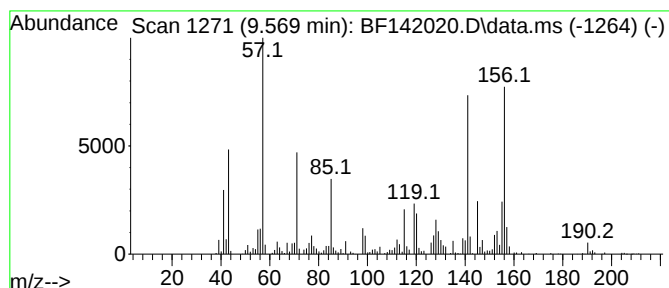
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	15.33 ng	871020	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	92
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	92
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142020.D
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Sample : Q1603-01 2X
Misc :
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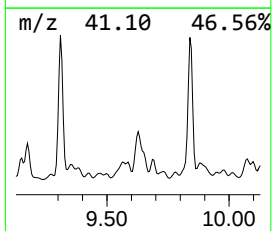
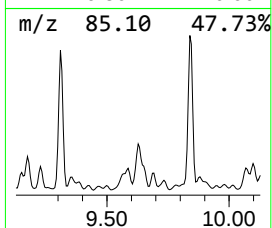
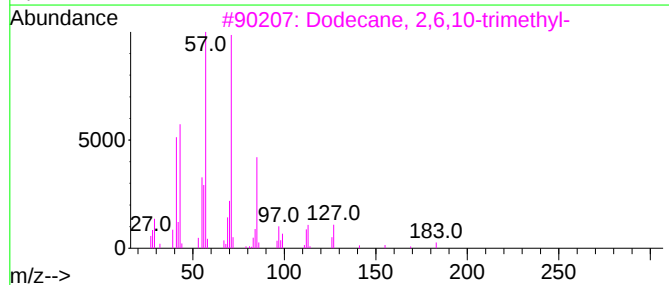
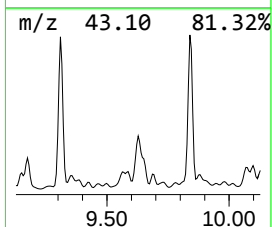
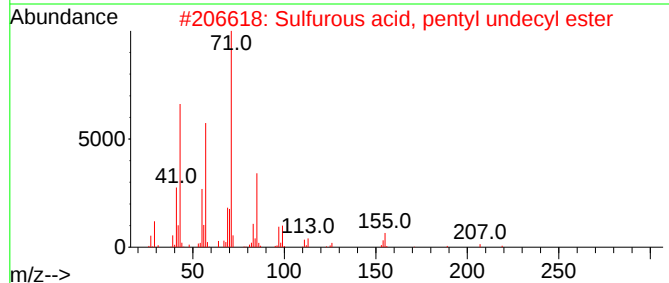
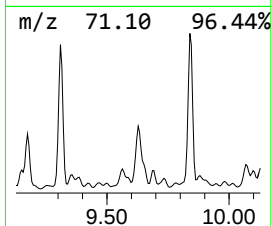
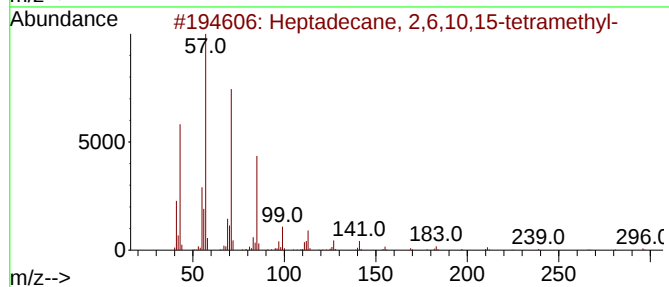
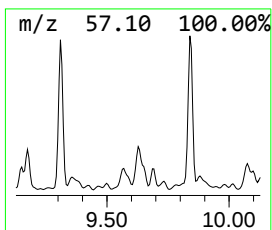
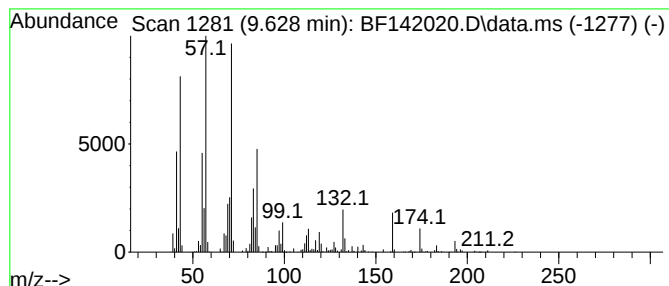
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.628	17.42 ng	989519	Acenaphthene-d10	9.910	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
2	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	58
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	58
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142020.D
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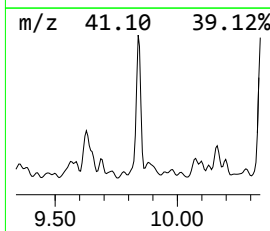
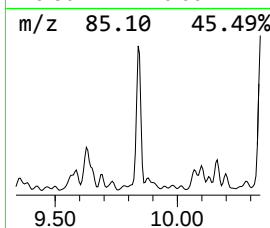
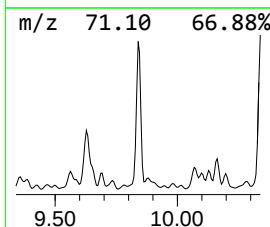
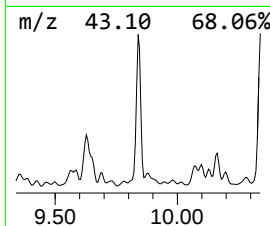
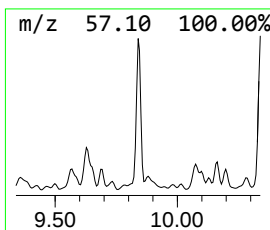
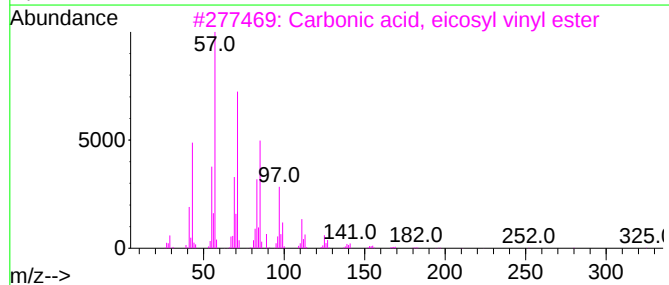
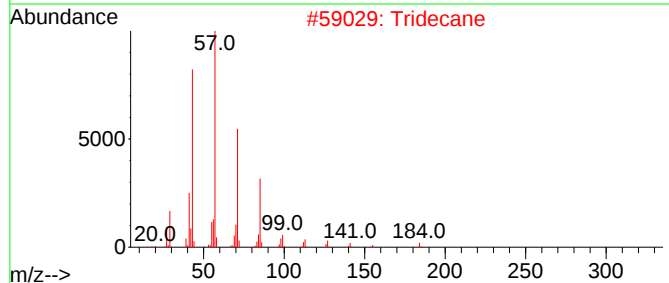
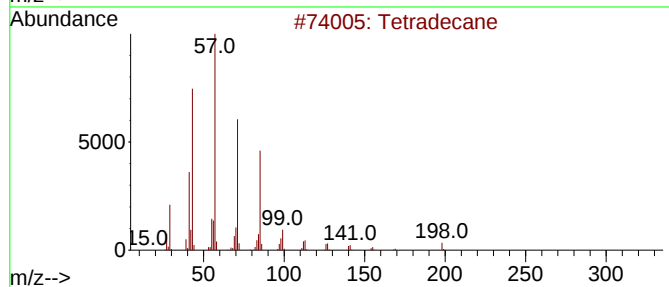
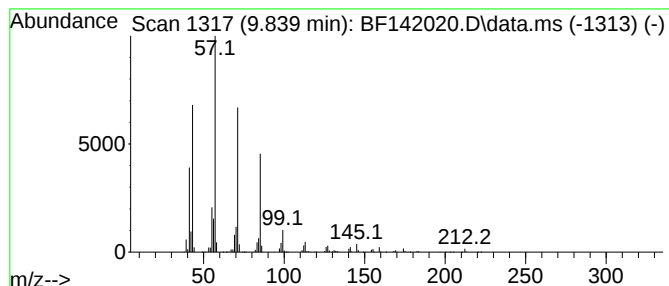
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Carbonic acid, eicosyl vinyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	38.01 ng	2159490	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	87
2			Tridecane	184	C13H28	000629-50-5	86
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83
4			Pentadecane	212	C15H32	000629-62-9	76
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142020.D
Acq On : 20 Mar 2025 19:35
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Sample : Q1603-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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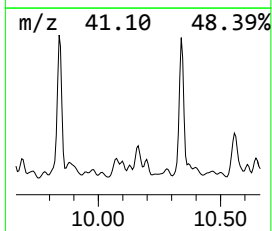
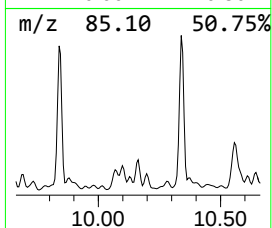
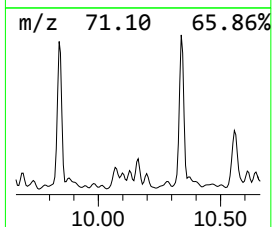
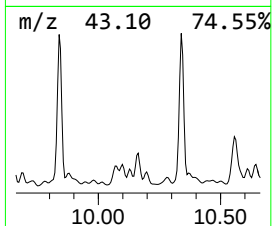
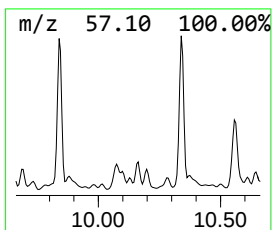
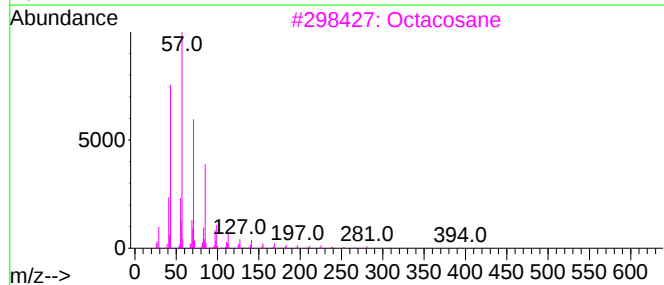
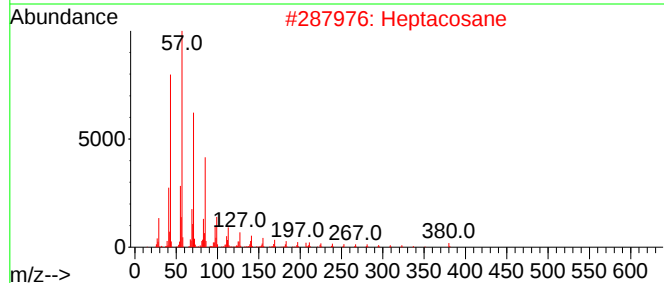
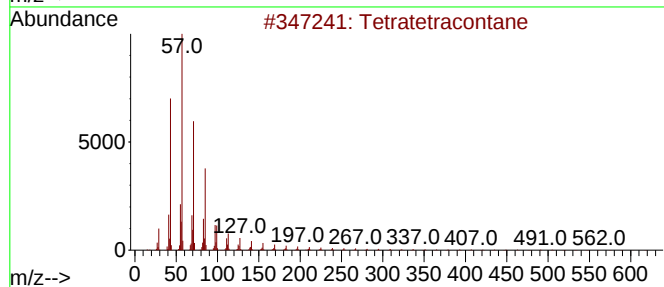
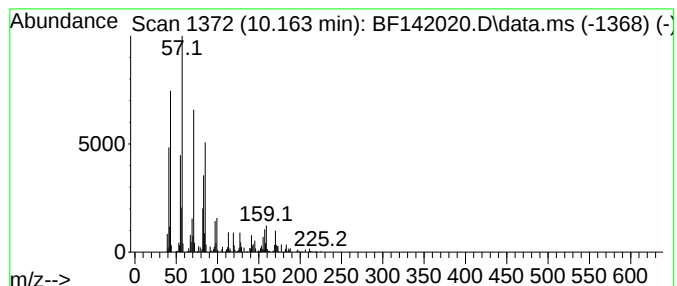
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratetracontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.163	9.44 ng	536065	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	62
2			Heptacosane	380	C27H56	000593-49-7	62
3			Octacosane	394	C28H58	000630-02-4	62
4			Octacosane, 2-methyl-	408	C29H60	001560-98-1	62
5			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142020.D
Acq On : 20 Mar 2025 19:35
Operator : RC/JU
Sample : Q1603-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

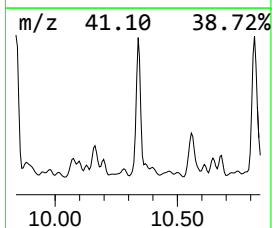
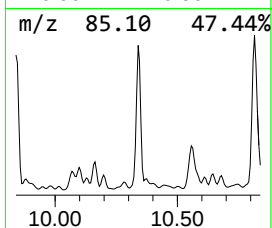
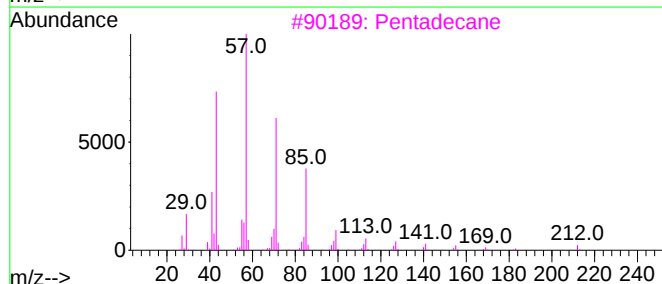
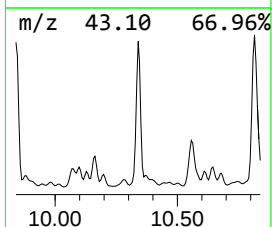
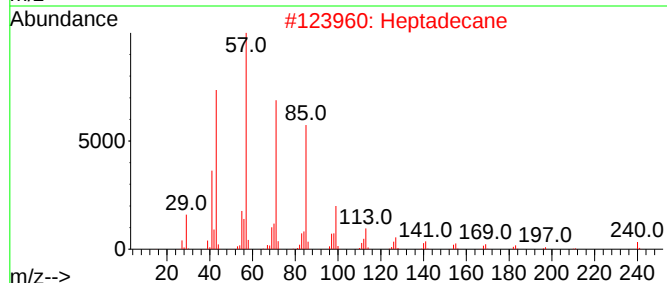
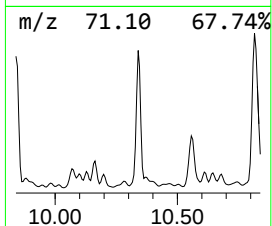
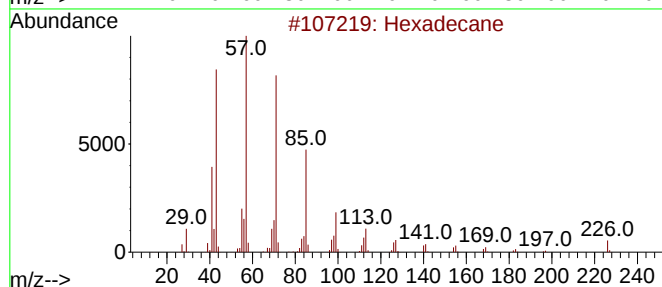
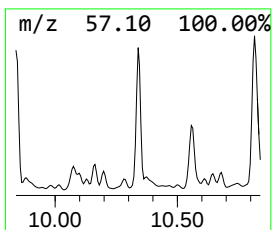
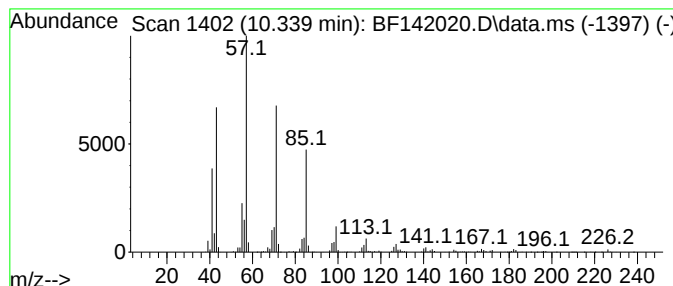
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.339	40.67 ng	2310590	Acenaphthene-d10		9.910	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	95
2	Heptadecane		240	C17H36	000629-78-7	91
3	Pentadecane		212	C15H32	000629-62-9	90
4	Nonadecane		268	C19H40	000629-92-5	90
5	Tetradecane		198	C14H30	000629-59-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
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Sample : Q1603-01 2X
Misc :
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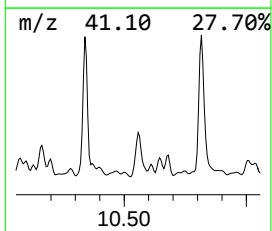
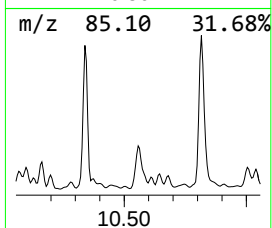
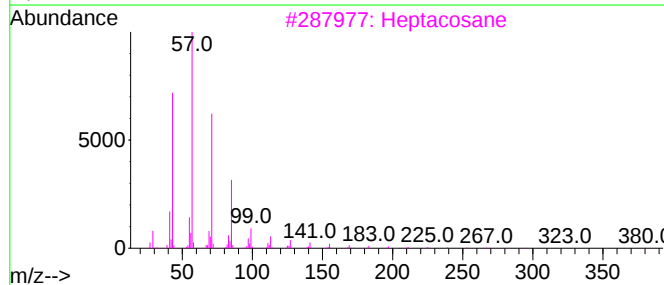
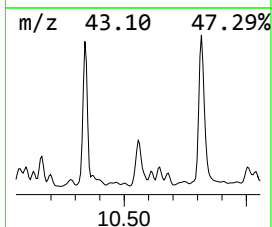
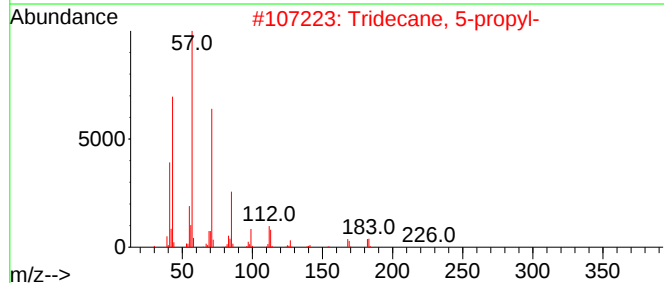
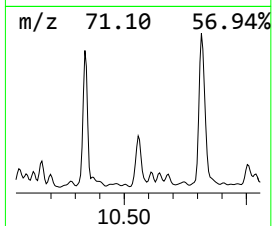
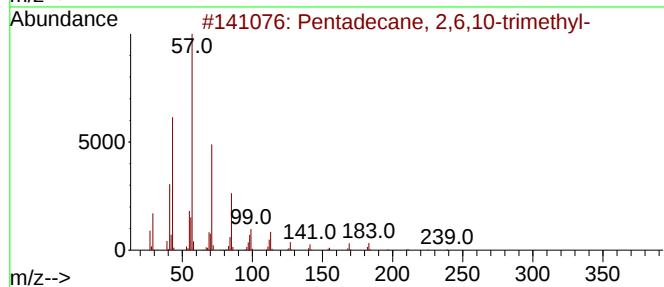
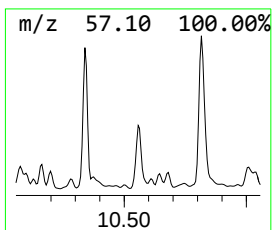
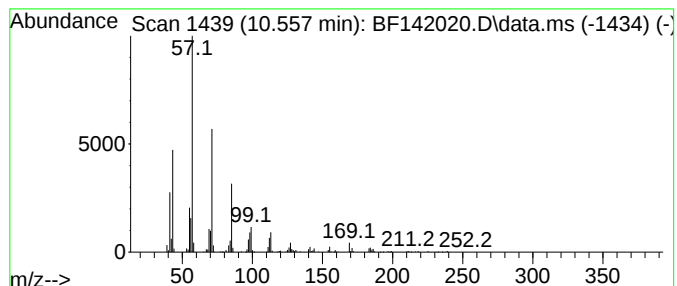
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.557	19.34 ng	1098640	Acenaphthene-d10		9.910	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	91
2	Tridecane, 5-propyl-		226	C16H34	055045-11-9	90
3	Heptacosane		380	C27H56	000593-49-7	83
4	Tridecane		184	C13H28	000629-50-5	81
5	Heptadecane		240	C17H36	000629-78-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142020.D
Acq On : 20 Mar 2025 19:35
Operator : RC/JU
Sample : Q1603-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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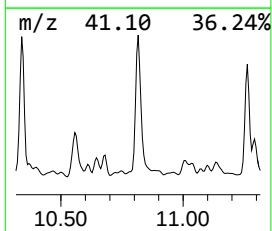
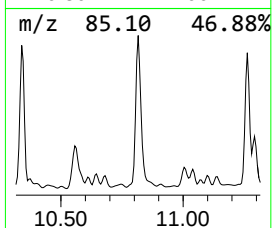
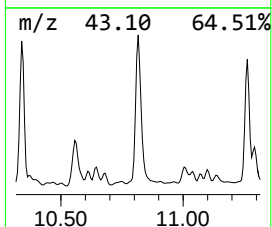
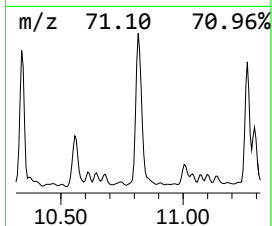
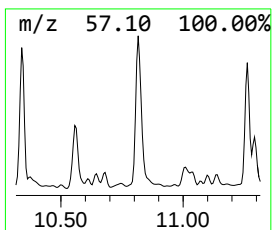
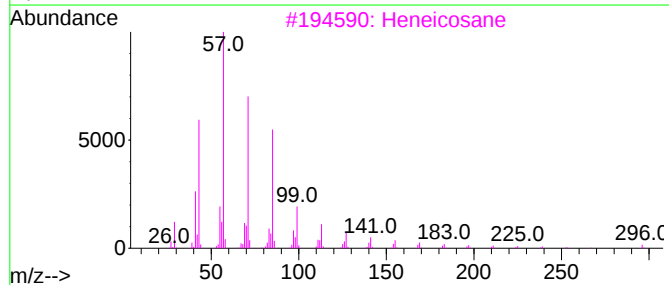
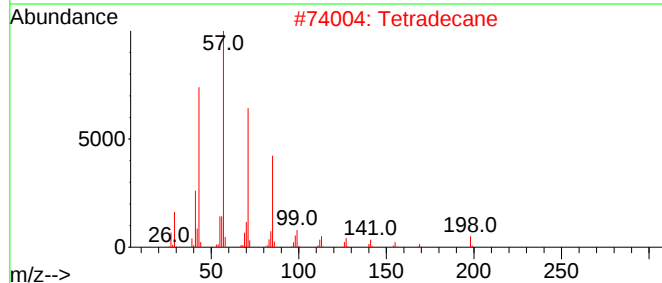
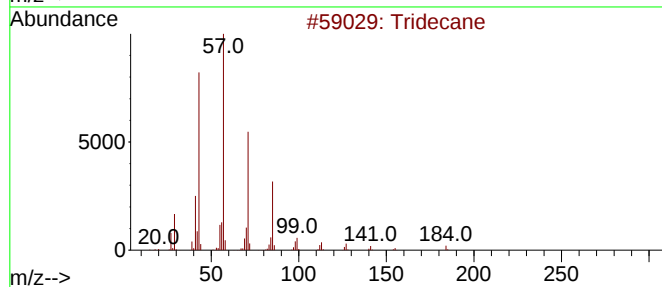
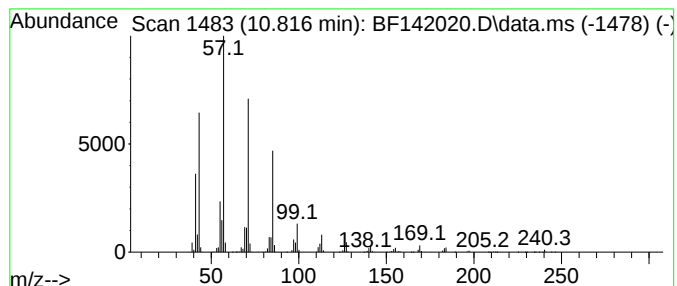
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	58.14 ng	2908370	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Tetradecane	198	C14H30	000629-59-4	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Hexadecane	226	C16H34	000544-76-3	91
5			Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142020.D
Acq On : 20 Mar 2025 19:35
Operator : RC/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-070-031925

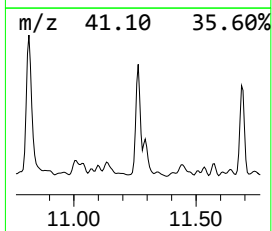
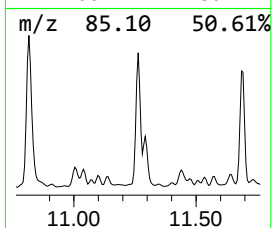
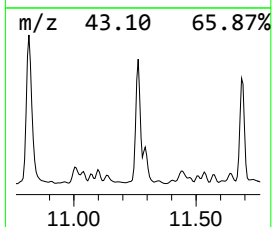
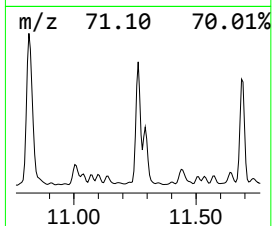
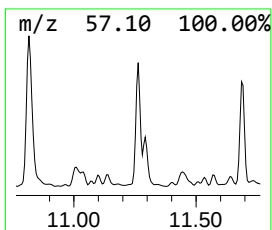
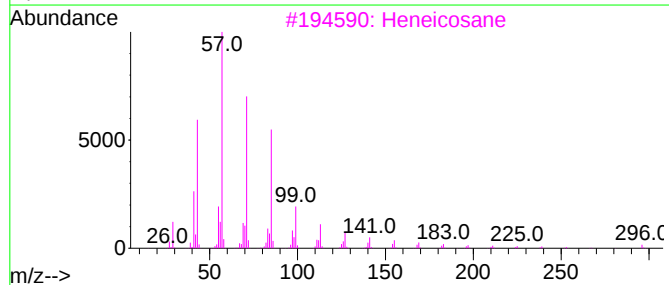
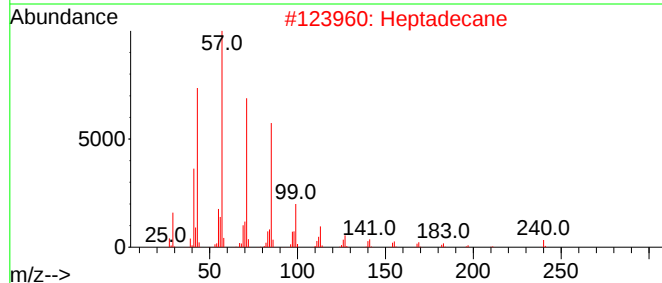
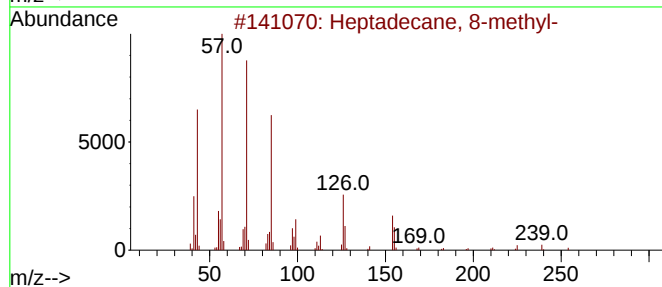
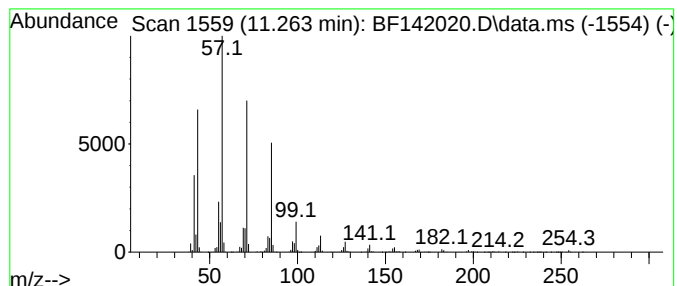
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 8-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	41.47 ng	2074620	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
2			Heptadecane	240	C17H36	000629-78-7	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Pentadecane	212	C15H32	000629-62-9	91
5			Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142020.D
Acq On : 20 Mar 2025 19:35
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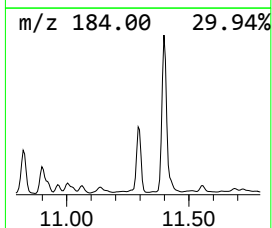
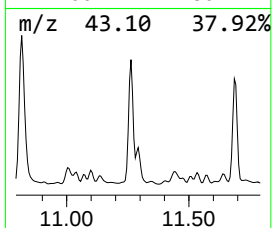
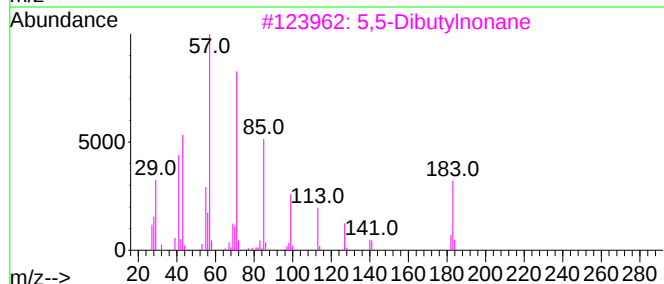
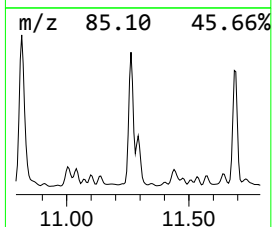
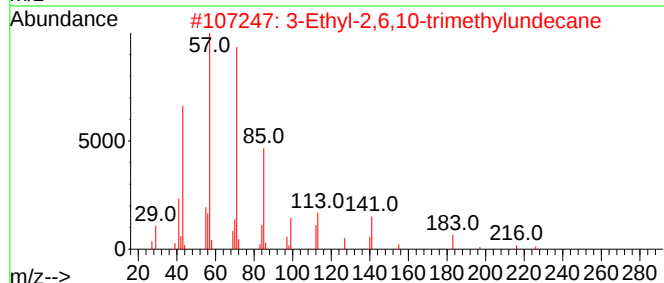
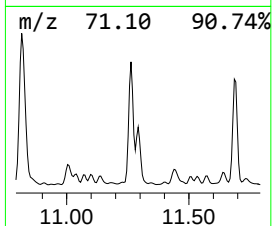
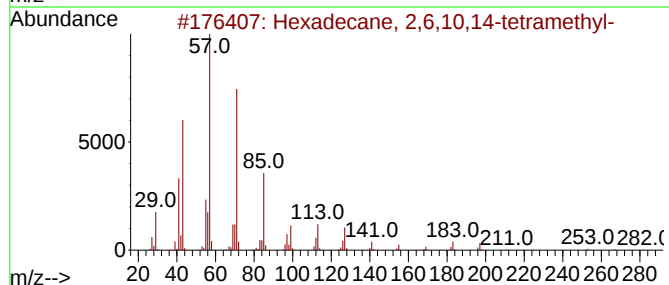
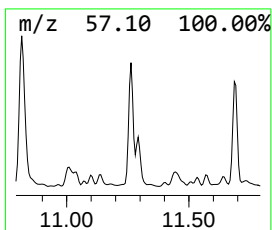
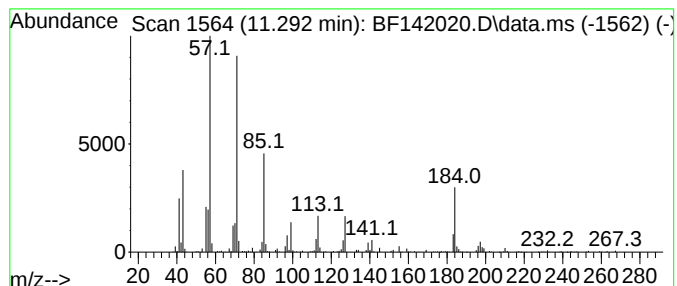
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	17.30 ng	865192	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
3			5,5-Dibutylnonane	240	C17H36	006008-17-9	80
4			Heneicosane	296	C21H44	000629-94-7	72
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
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Misc :
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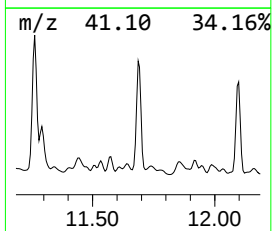
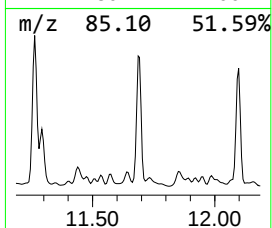
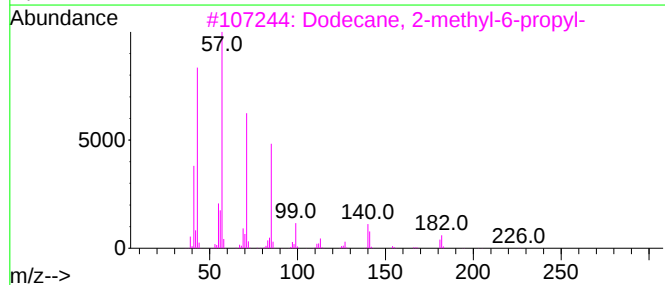
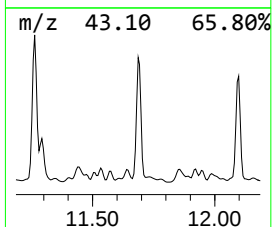
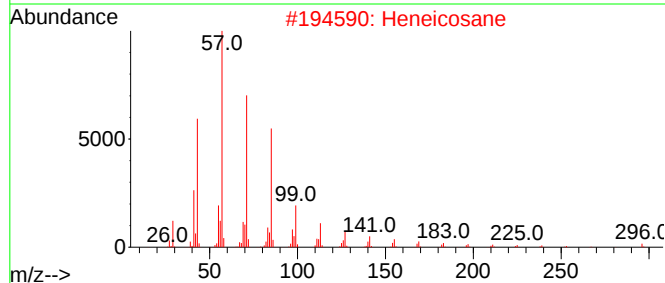
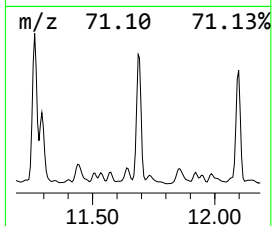
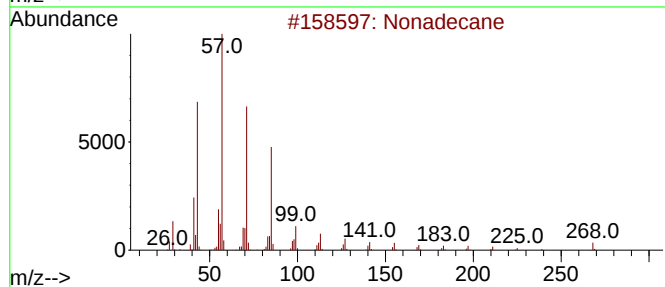
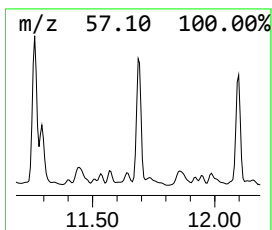
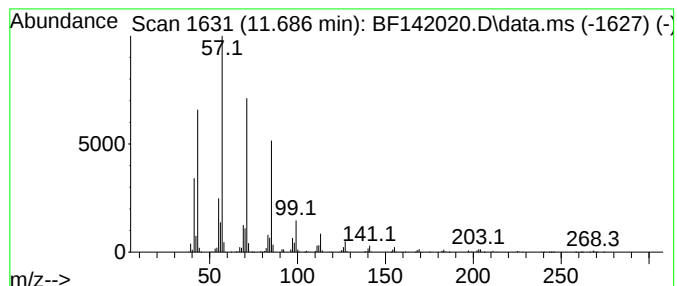
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	32.95 ng	1648300	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4			Heptadecane	240	C17H36	000629-78-7	87
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142020.D
Acq On : 20 Mar 2025 19:35
Operator : RC/JU
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ALS Vial : 14 Sample Multiplier: 1

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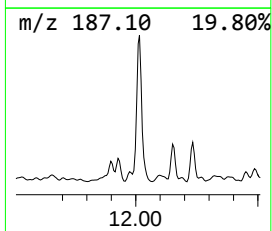
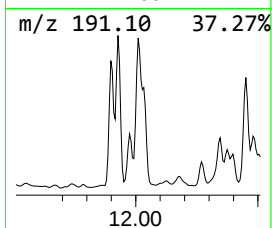
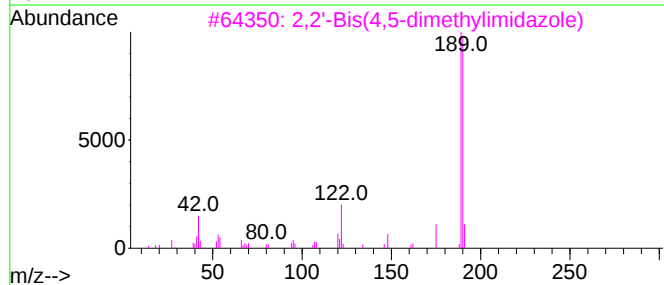
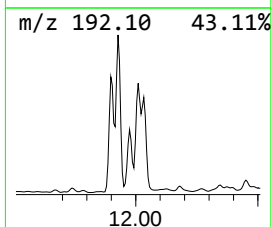
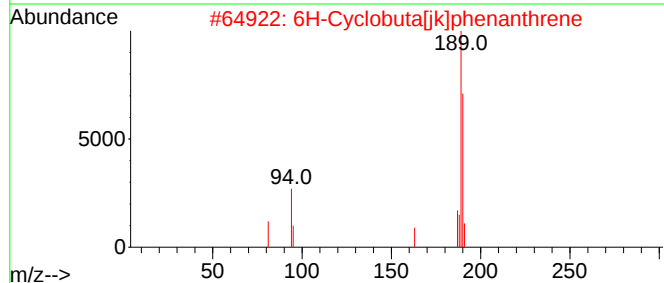
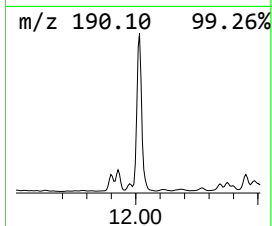
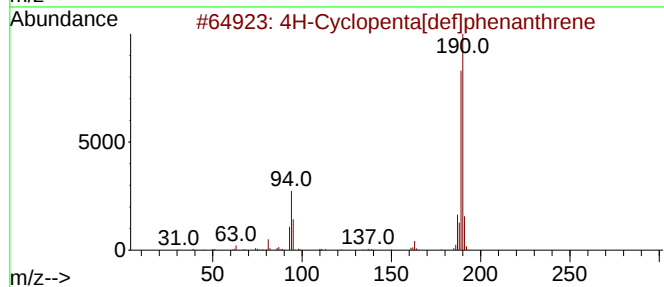
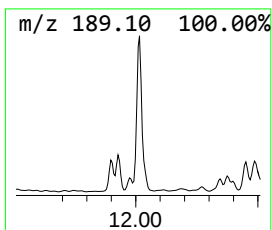
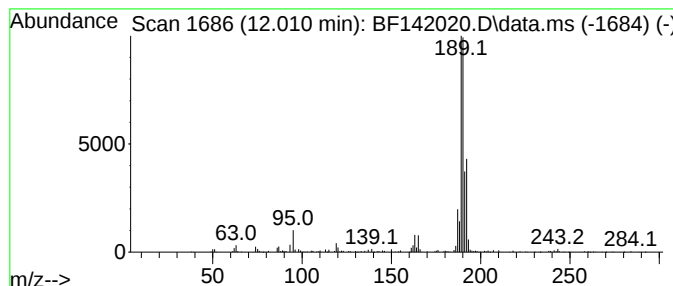
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	13.60 ng	680549	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
4			2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	23
5			Methyl 2-chloro-5-nitrothiophene...	221	C6H4ClNO4S	1000436-96-2	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142020.D
Acq On : 20 Mar 2025 19:35
Operator : RC/JU
Sample : Q1603-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-070-031925

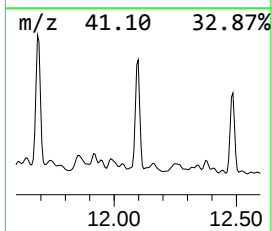
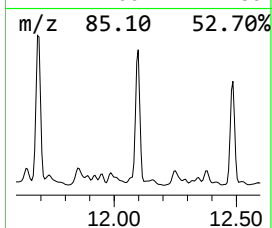
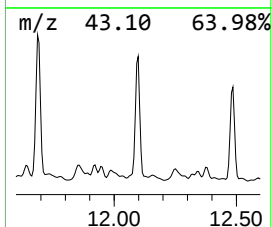
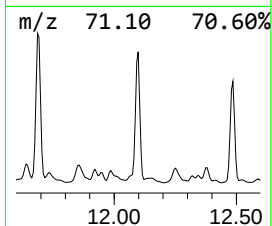
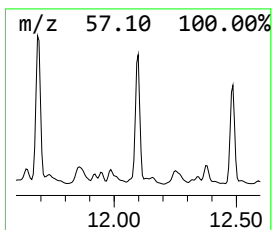
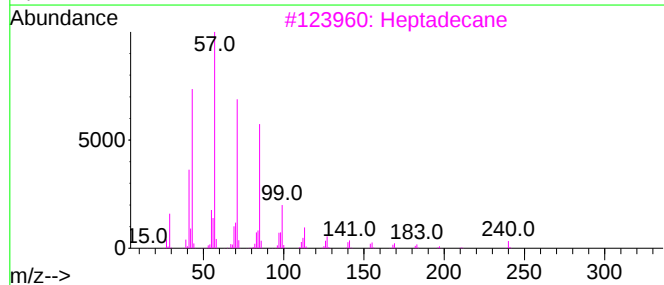
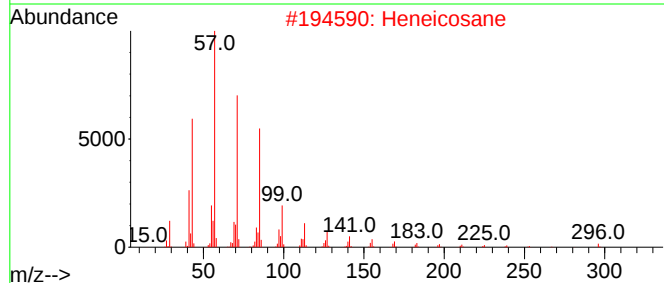
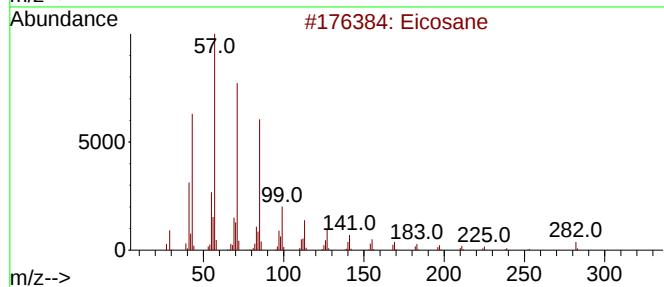
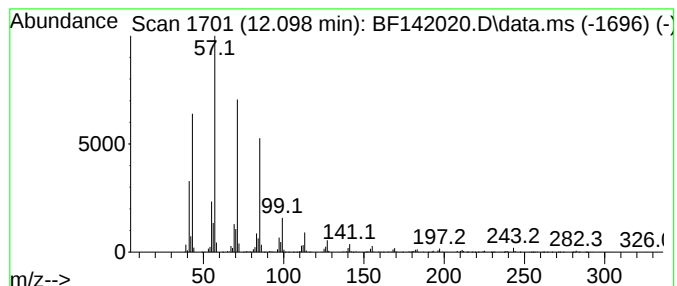
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	29.57 ng	1479110	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142020.D
Acq On : 20 Mar 2025 19:35
Operator : RC/JU
Sample : Q1603-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-070-031925

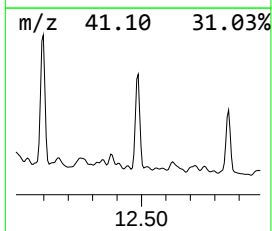
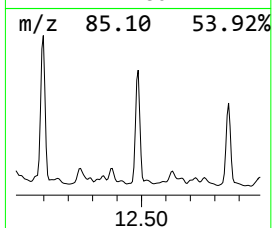
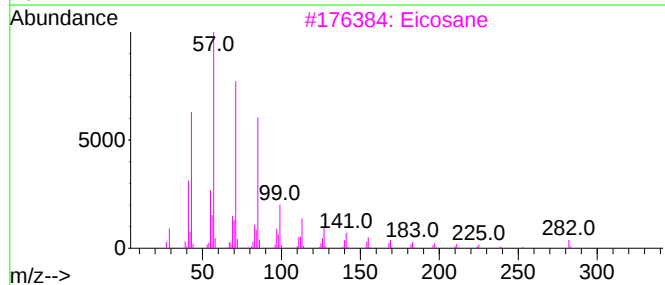
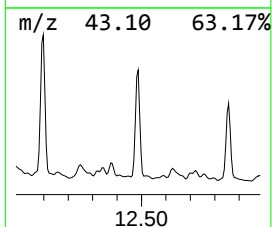
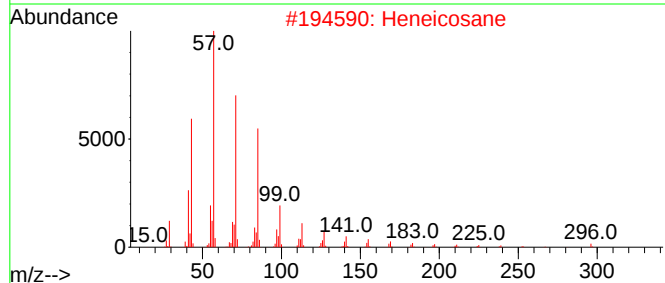
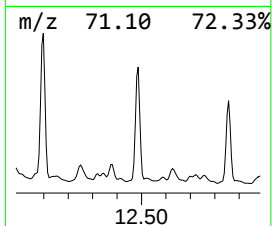
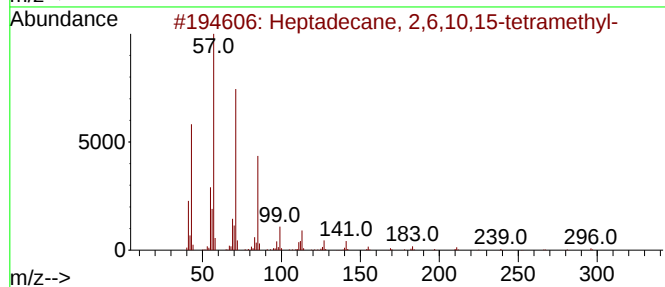
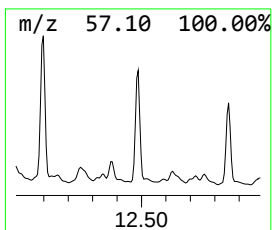
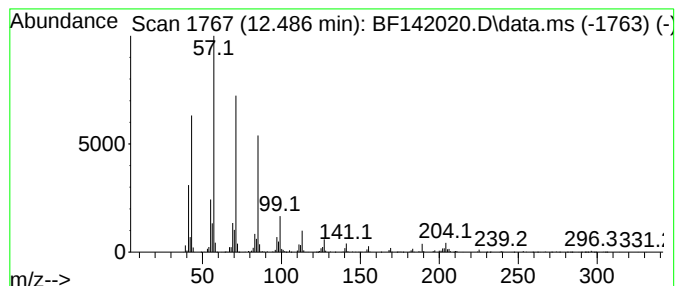
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	24.53 ng	1227130	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Tetracosane	338	C24H50	000646-31-1	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142020.D
Acq On : 20 Mar 2025 19:35
Operator : RC/JU
Sample : Q1603-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-070-031925

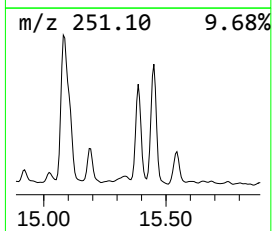
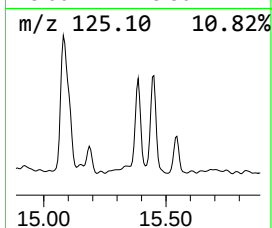
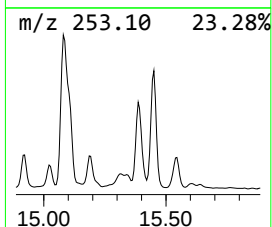
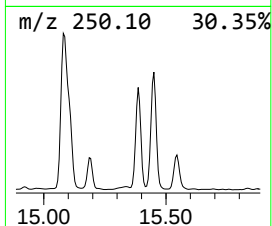
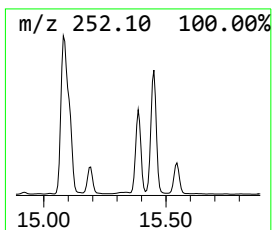
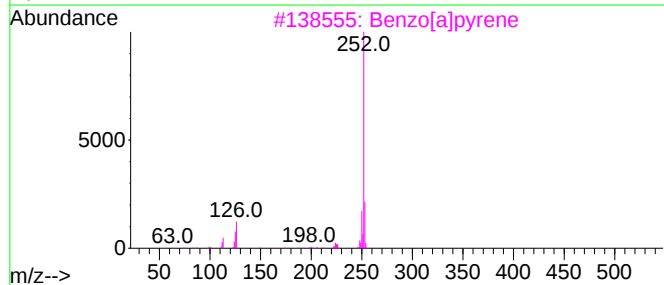
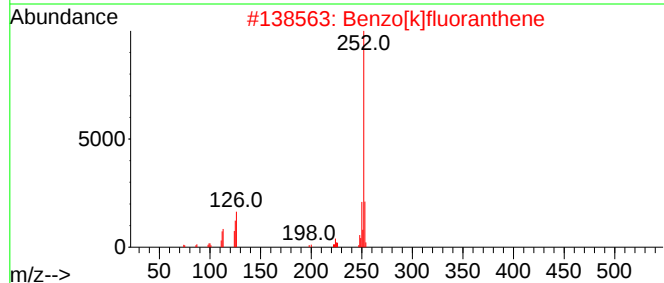
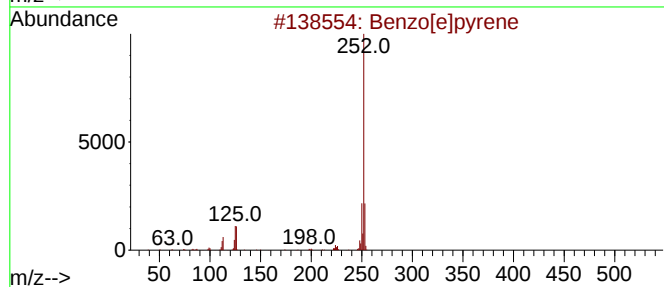
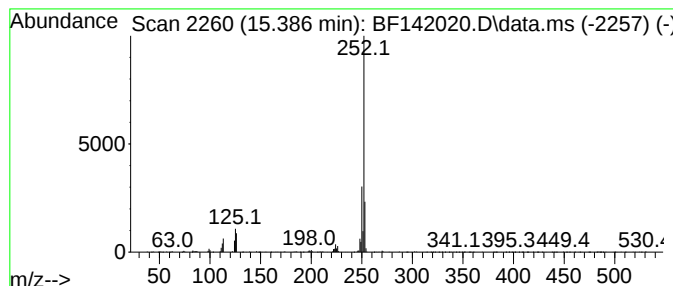
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	22.63 ng	515589	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
 Data File : BF142020.D
 Acq On : 20 Mar 2025 19:35
 Operator : RC/JU
 Sample : Q1603-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-070-031925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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
Butane, 2-metho...	2.116	9.5	ng	395843	1	6.875	835987	20.0
Benzene, 1-meth...	7.145	8.2	ng	344336	1	6.875	835987	20.0
Tridecane	8.745	10.6	ng	1691220	2	8.157	3206100	20.0
unknown9.104	9.104	9.9	ng	560588	3	9.910	1136280	20.0
Pentadecane, 4-...	9.175	13.0	ng	741008	3	9.910	1136280	20.0
Tetradecane	9.310	38.3	ng	2177760	3	9.910	1136280	20.0
Naphthalene, 1,...	9.569	15.3	ng	871020	3	9.910	1136280	20.0
Heptadecane, 2,...	9.628	17.4	ng	989519	3	9.910	1136280	20.0
Carbonic acid, ...	9.839	38.0	ng	2159490	3	9.910	1136280	20.0
Tetratetracontane	10.163	9.4	ng	536065	3	9.910	1136280	20.0
Hexadecane	10.339	40.7	ng	2310590	3	9.910	1136280	20.0
Pentadecane, 2,...	10.557	19.3	ng	1098640	3	9.910	1136280	20.0
Heneicosane	10.816	58.1	ng	2908370	4	11.398	1000470	20.0
Heptadecane, 8-...	11.263	41.5	ng	2074620	4	11.398	1000470	20.0
Hexadecane, 2,6-...	11.292	17.3	ng	865192	4	11.398	1000470	20.0
Nonadecane	11.686	33.0	ng	1648300	4	11.398	1000470	20.0
4H-Cyclopenta[d...]	12.010	13.6	ng	680549	4	11.398	1000470	20.0
Eicosane	12.098	29.6	ng	1479110	4	11.398	1000470	20.0
Tetracosane	12.486	24.5	ng	1227130	4	11.398	1000470	20.0
Benzo[e]pyrene	15.386	22.6	ng	515589	6	15.515	455688	20.0