

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141791.D
 Acq On : 26 Feb 2025 19:25
 Operator : RC/JU
 Sample : Q1428-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-022525

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-BF020625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141791.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	558	563	578	rBV	326941	558533	20.48%	1.429%
2	6.428	732	737	748	rBV	322914	579653	21.26%	1.483%
3	6.610	763	768	775	rBV2	51968	76091	2.79%	0.195%
4	6.781	791	797	803	rBV	359714	479635	17.59%	1.227%
5	7.051	832	843	846	rBV3	40839	77730	2.85%	0.199%
6	7.098	846	851	858	rVB2	32021	77111	2.83%	0.197%
7	7.169	858	863	867	rBV2	43082	61076	2.24%	0.156%
8	7.246	872	876	878	rBV2	19438	27672	1.01%	0.071%
9	7.310	882	887	889	rBV	47659	63873	2.34%	0.163%
10	7.346	889	893	895	rVV	244714	325828	11.95%	0.834%
11	7.375	895	898	902	rVB	163648	202422	7.42%	0.518%
12	7.422	902	906	910	rVB4	35360	50493	1.85%	0.129%
13	7.551	922	928	929	rBV2	29670	41486	1.52%	0.106%
14	7.581	929	933	937	rVB2	68055	95391	3.50%	0.244%
15	7.687	943	951	956	rBV7	51252	170602	6.26%	0.437%
16	7.740	956	960	963	rVB3	61674	86163	3.16%	0.220%
17	7.804	963	971	977	rBV7	96205	248042	9.10%	0.635%
18	7.963	995	998	1001	rVB	28218	29234	1.07%	0.075%
19	8.057	1001	1014	1021	rBV3	546542	1609486	59.02%	4.118%
20	8.116	1021	1024	1028	rVV2	134840	194498	7.13%	0.498%
21	8.151	1028	1030	1037	rVB5	59316	86771	3.18%	0.222%
22	8.234	1037	1044	1045	rBV4	47471	86539	3.17%	0.221%
23	8.257	1045	1048	1052	rVB2	76847	90003	3.30%	0.230%
24	8.304	1053	1056	1059	rBV2	23930	34361	1.26%	0.088%
25	8.351	1059	1064	1070	rVV6	122819	219460	8.05%	0.562%
26	8.404	1070	1073	1076	rVV2	61151	82321	3.02%	0.211%
27	8.440	1076	1079	1082	rVV3	106778	138166	5.07%	0.354%
28	8.481	1082	1086	1092	rVV	140340	224619	8.24%	0.575%
29	8.563	1096	1100	1104	rBV2	184854	237692	8.72%	0.608%
30	8.651	1110	1115	1119	rBV	554070	694297	25.46%	1.776%
31	8.716	1123	1126	1129	rVV2	110892	186883	6.85%	0.478%
32	8.775	1133	1136	1139	rVB	154967	172364	6.32%	0.441%
33	8.881	1149	1154	1159	rBV4	246974	395577	14.51%	1.012%
34	8.934	1160	1163	1166	rVV4	43861	61454	2.25%	0.157%
35	9.010	1172	1176	1180	rVB2	128541	196841	7.22%	0.504%
36	9.051	1180	1183	1184	rBV	59724	54261	1.99%	0.139%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.075	1184	1187	1193	rVB3	161536	235350	8.63%	0.602%
38	9.134	1193	1197	1201	rBV	568611	677726	24.85%	1.734%
39	9.216	1206	1211	1216	rBV	680056	966459	35.44%	2.473%
40	9.287	1220	1223	1226	rVB	107326	127827	4.69%	0.327%
41	9.398	1238	1242	1247	rVB2	115978	181440	6.65%	0.464%
42	9.469	1247	1254	1261	rBV6	207564	602081	22.08%	1.541%
43	9.534	1261	1265	1268	rVV4	282222	498154	18.27%	1.275%
44	9.592	1272	1275	1279	rVB2	166964	198660	7.29%	0.508%
45	9.675	1286	1289	1293	rBV4	89147	127048	4.66%	0.325%
46	9.745	1296	1301	1305	rVV	672444	852957	31.28%	2.182%
47	9.810	1305	1312	1316	rVV	514393	815239	29.90%	2.086%
48	9.845	1316	1318	1322	rVB	149239	163709	6.00%	0.419%
49	9.916	1327	1330	1335	rVB	71985	93368	3.42%	0.239%
50	9.975	1336	1340	1342	rBV2	108403	167878	6.16%	0.430%
51	10.022	1345	1348	1351	rVV2	174194	240090	8.80%	0.614%
52	10.063	1351	1355	1359	rVB5	155904	205302	7.53%	0.525%
53	10.134	1364	1367	1373	rBV6	67841	146790	5.38%	0.376%
54	10.239	1381	1385	1390	rBV	637368	798330	29.28%	2.043%
55	10.363	1401	1406	1414	rBV	315222	522746	19.17%	1.338%
56	10.457	1418	1422	1428	rVB	247397	410229	15.04%	1.050%
57	10.516	1429	1432	1435	rBV3	81621	102874	3.77%	0.263%
58	10.581	1440	1443	1444	rBV3	71446	74951	2.75%	0.192%
59	10.604	1444	1447	1452	rVB	252873	317121	11.63%	0.811%
60	10.716	1462	1466	1474	rVB	732651	1153271	42.29%	2.951%
61	10.910	1495	1499	1501	rBV2	104800	156351	5.73%	0.400%
62	11.163	1537	1542	1545	rBV	542866	745171	27.33%	1.907%
63	11.192	1545	1547	1553	rVB2	319398	407421	14.94%	1.042%
64	11.328	1566	1570	1574	rVB	1359911	1782429	65.37%	4.561%
65	11.375	1575	1578	1582	rVB	283836	335266	12.30%	0.858%
66	11.539	1602	1606	1610	rVB2	149243	205986	7.55%	0.527%
67	11.586	1610	1614	1619	rBV	440832	561838	20.60%	1.438%
68	11.692	1627	1632	1639	rVB2	223786	324361	11.90%	0.830%
69	11.804	1647	1651	1652	rBV	139706	169464	6.21%	0.434%
70	11.833	1652	1656	1661	rVB2	581421	798497	29.28%	2.043%
71	11.916	1666	1670	1677	rVB2	293225	547977	20.10%	1.402%
72	11.992	1679	1683	1688	rBV	330636	436447	16.01%	1.117%
73	12.098	1697	1701	1704	rBV	87005	115588	4.24%	0.296%
74	12.128	1704	1706	1719	rVB4	73928	159902	5.86%	0.409%
75	12.275	1728	1731	1735	rBV	64458	75268	2.76%	0.193%
76	12.380	1740	1749	1757	rBV4	635061	1560701	57.23%	3.993%

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77	12.480	1763	1766	1768	rBV2	95737	113868	4.18%	0.291%
78	12.516	1768	1772	1785	rVB	1636716	2726844	100.00%	6.977%
79	12.616	1785	1789	1794	rBV2	318937	442827	16.24%	1.133%
80	12.745	1804	1811	1817	rBV	1330319	2090133	76.65%	5.348%
81	12.880	1828	1834	1842	rVB2	493888	784360	28.76%	2.007%
82	12.963	1843	1848	1852	rBV2	102983	189526	6.95%	0.485%
83	13.069	1859	1866	1870	rBV	199100	351405	12.89%	0.899%
84	13.110	1870	1873	1875	rVV	126635	155034	5.69%	0.397%
85	13.139	1875	1878	1881	rVV	147703	191424	7.02%	0.490%
86	13.175	1881	1884	1891	rVB2	125508	185963	6.82%	0.476%
87	13.269	1897	1900	1902	rBV	55999	58711	2.15%	0.150%
88	13.451	1928	1931	1936	rBV	101730	153701	5.64%	0.393%
89	13.692	1968	1972	1974	rBV	118397	163923	6.01%	0.419%
90	13.939	2008	2014	2017	rBV2	851711	1581865	58.01%	4.047%
91	13.969	2017	2019	2026	rVB	593906	682242	25.02%	1.746%
92	14.098	2037	2041	2045	rBV4	103712	162315	5.95%	0.415%
93	14.974	2185	2190	2197	rBV	507098	1082063	39.68%	2.769%
94	15.269	2236	2240	2245	rVB	258451	377783	13.85%	0.967%
95	15.327	2246	2250	2256	rVV	377570	582355	21.36%	1.490%
96	15.392	2256	2261	2276	rVB3	285194	660200	24.21%	1.689%
97	16.827	2500	2505	2511	rBV	134091	267758	9.82%	0.685%

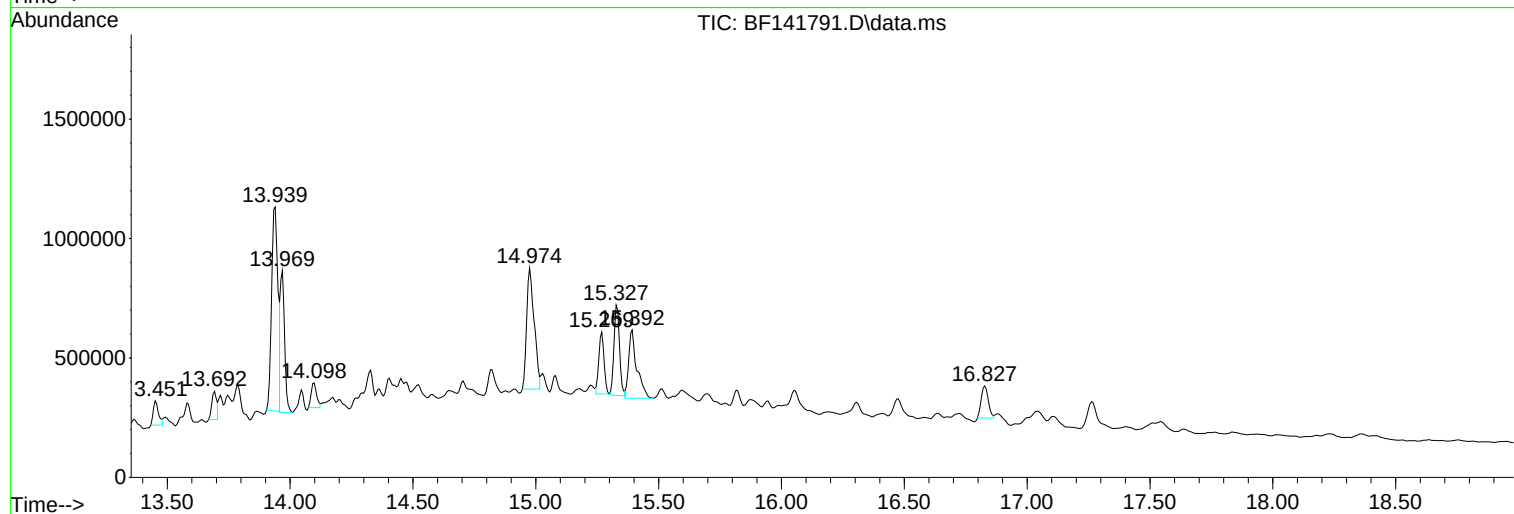
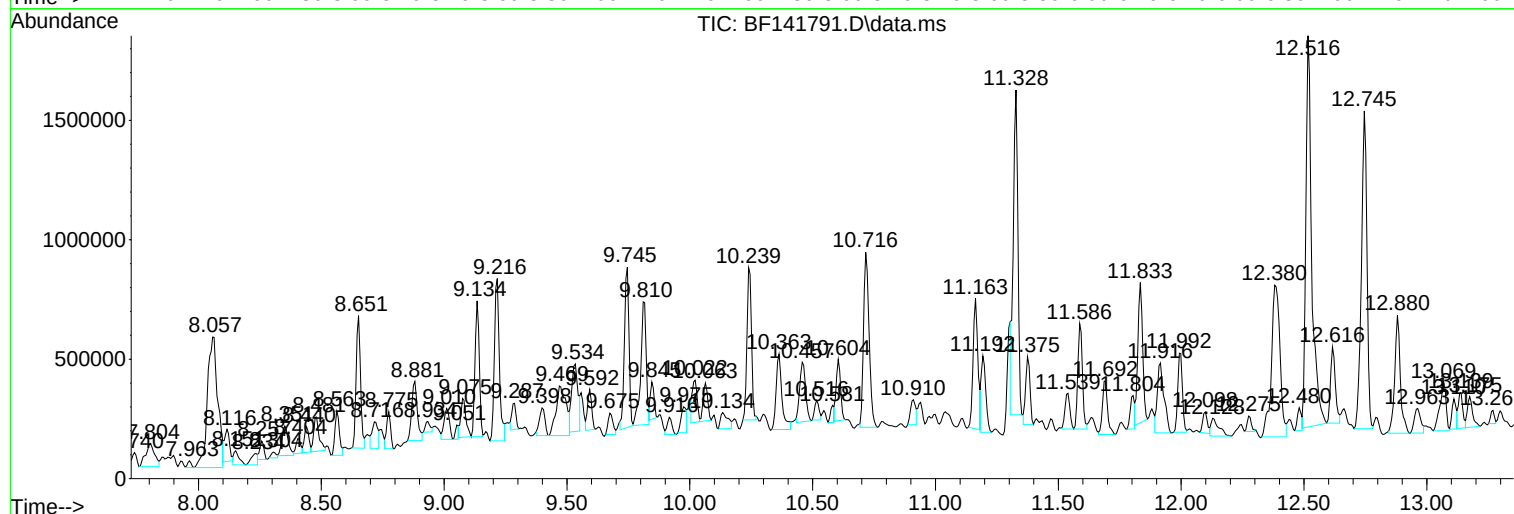
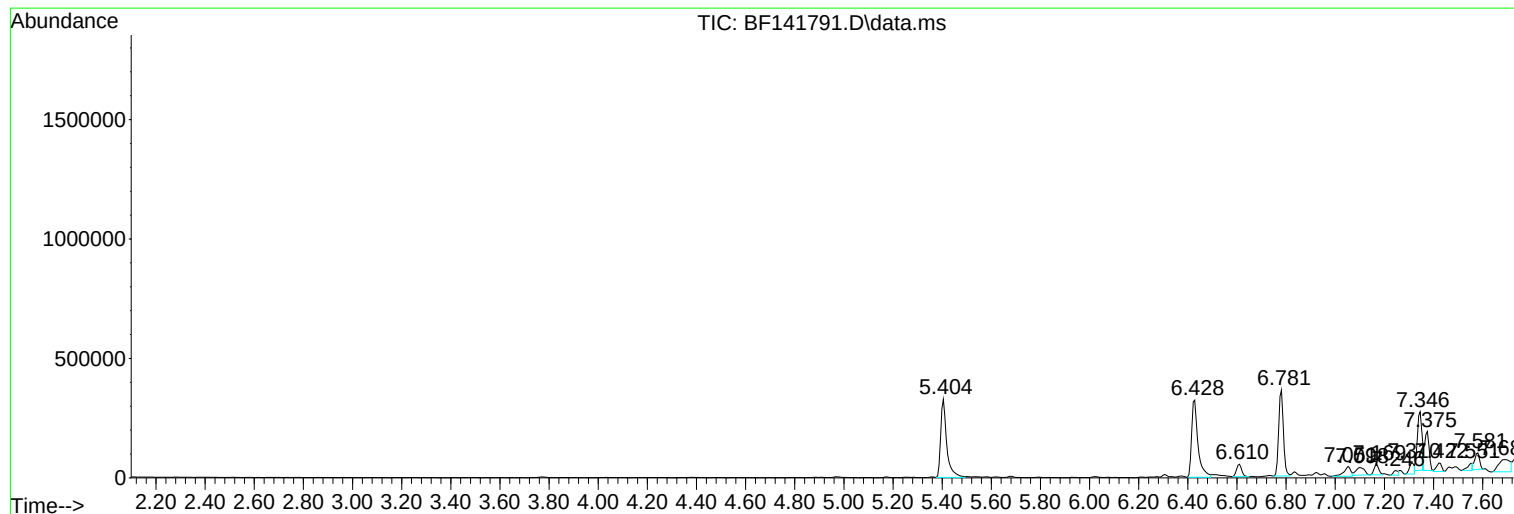
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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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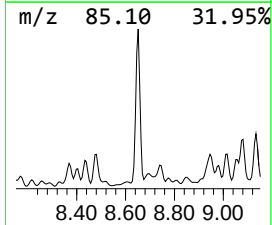
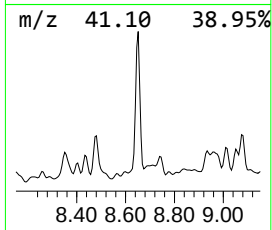
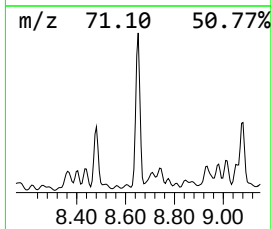
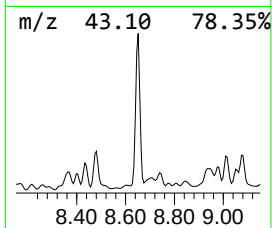
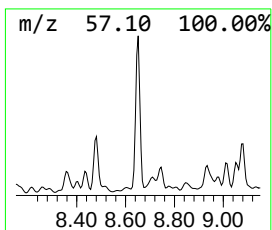
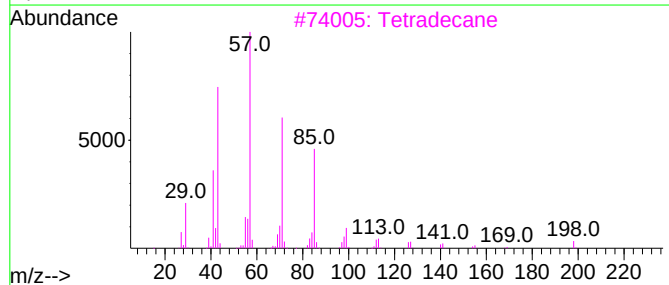
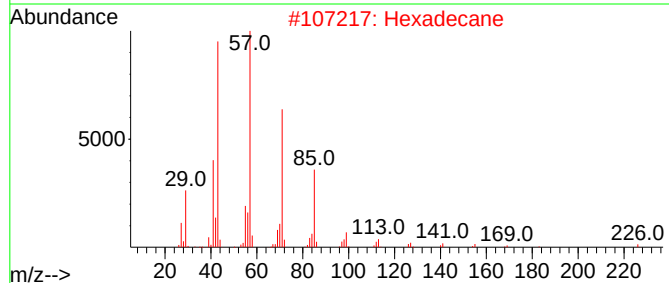
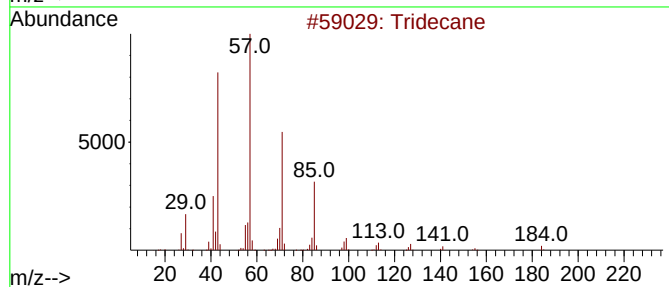
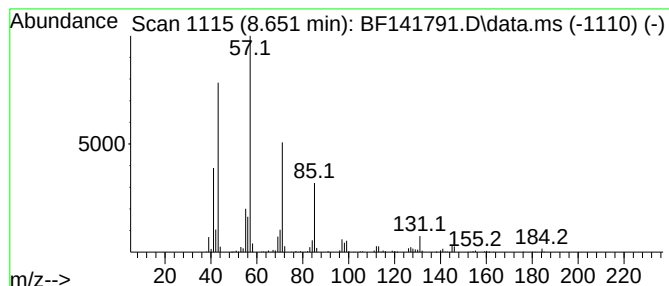
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	8.63 ng	694297	Naphthalene-d8	8.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	87
3			Tetradecane	198	C14H30	000629-59-4	86
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76



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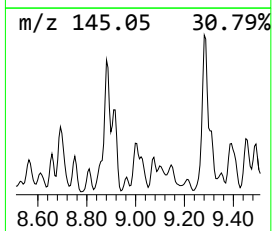
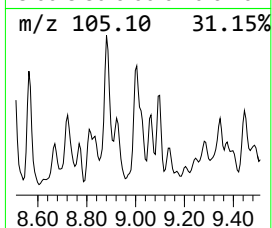
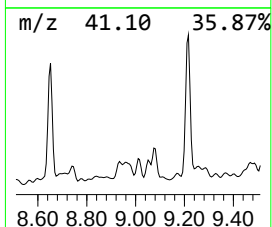
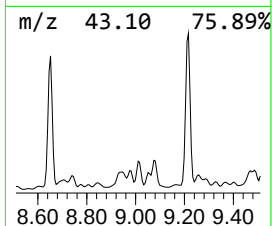
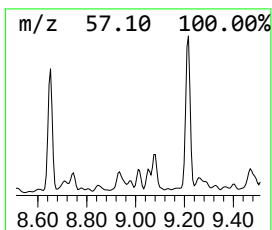
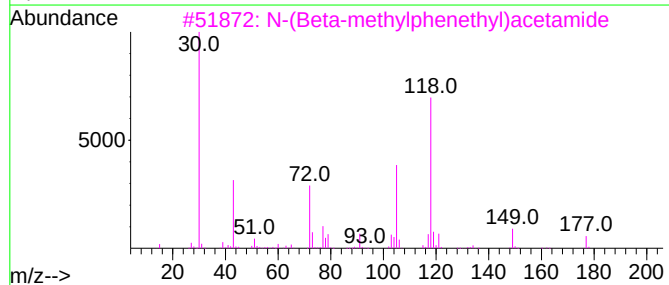
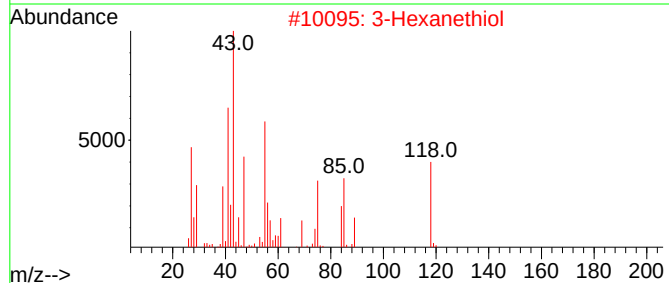
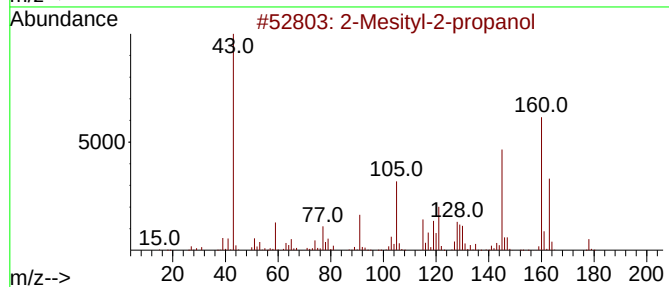
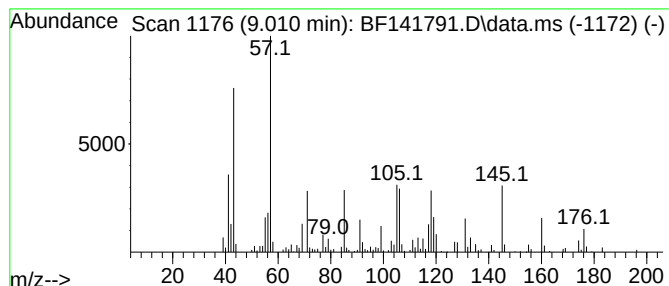
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown9.010 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	4.83 ng	196841	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Mesityl-2-propanol	178	C12H18O	059660-68-3	27
2		3-Hexanethiol	118	C6H14S	001633-90-5	10
3		N-(Beta-methylphenethyl)acetamide	177	C11H15NO	022596-62-9	9
4		4-t-Butoxy-3-hydroxy-butyric aci...	204	C10H20O4	1010192-41-5	9
5		tert-Butyl 4-fluoro-4-(hydroxyme...	233	C11H20FN03	614730-97-1	9



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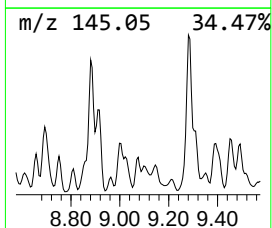
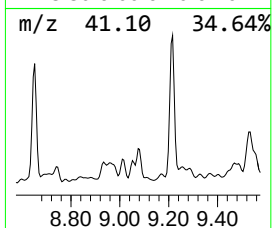
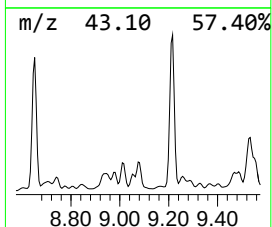
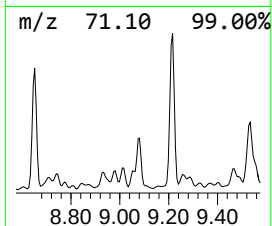
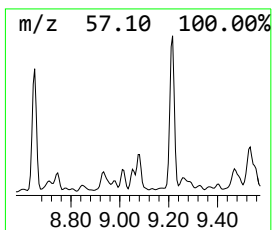
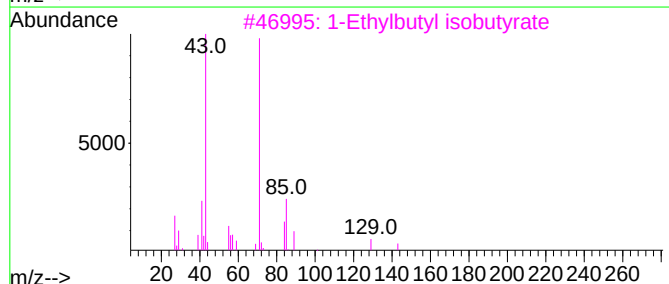
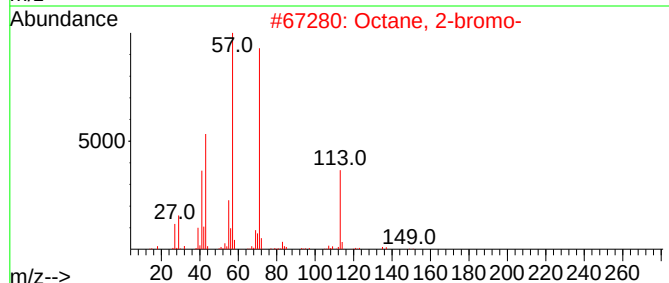
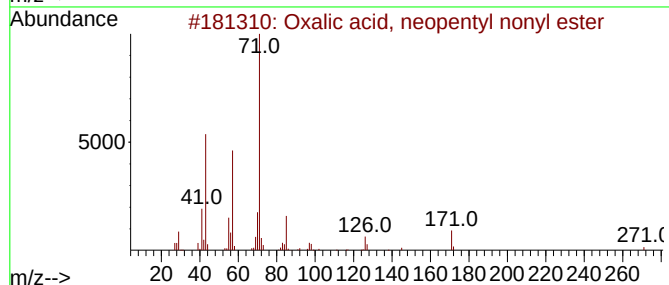
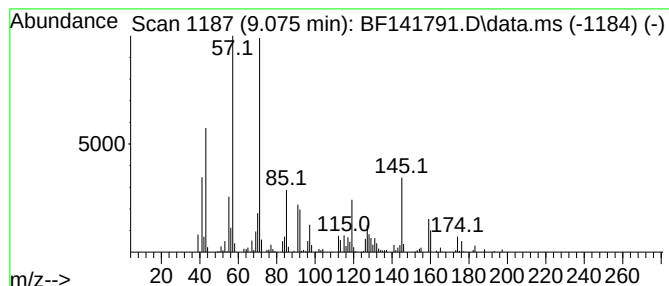
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown9.075 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.075	5.77 ng	235350	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, neopentyl nonyl ester	286	C16H30O4	1000309-73-3	35
2			Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
3			1-Ethylbutyl isobutyrate	172	C10H20O2	1000429-31-8	35
4			Oxalic acid, neopentyl octyl ester	272	C15H28O4	1000309-73-2	27
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	22



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Acq On : 26 Feb 2025 19:25
Operator : RC/JU
Sample : Q1428-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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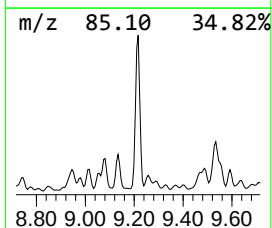
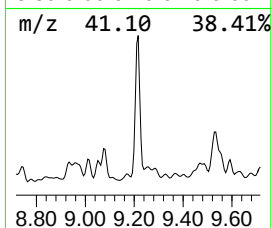
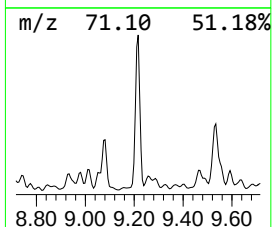
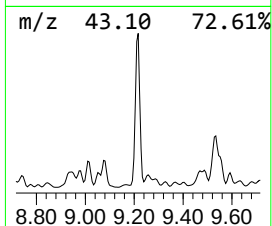
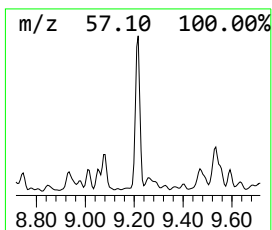
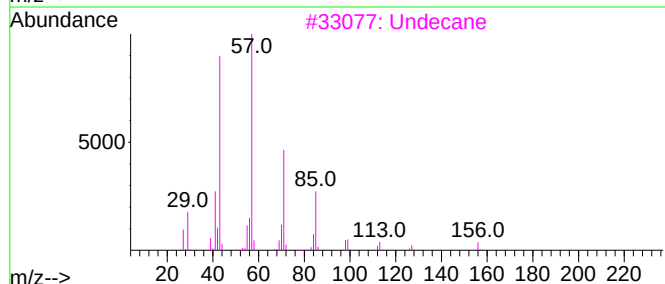
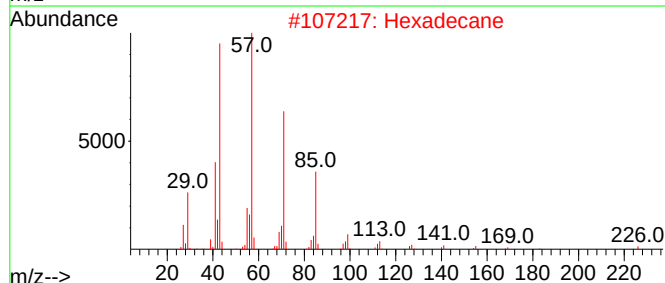
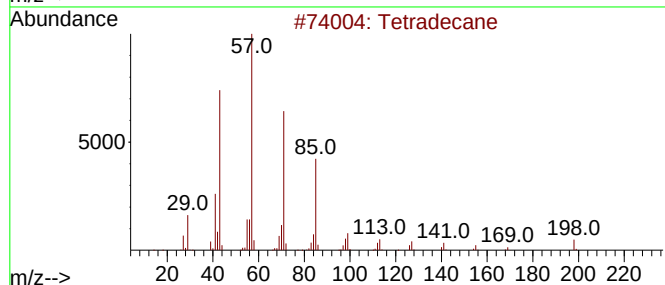
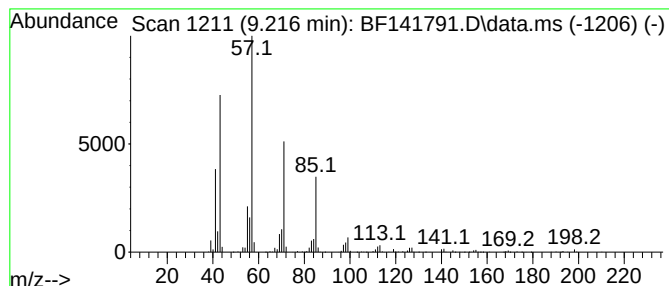
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	23.71 ng	966459	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Hexadecane	226	C16H34	000544-76-3	91
3			Undecane	156	C11H24	001120-21-4	90
4			Tridecane	184	C13H28	000629-50-5	86
5			Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
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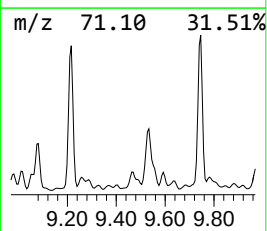
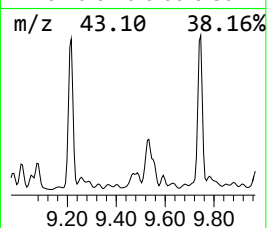
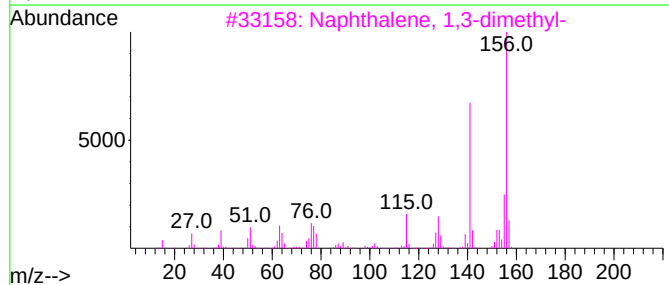
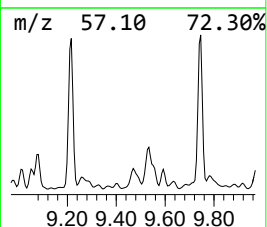
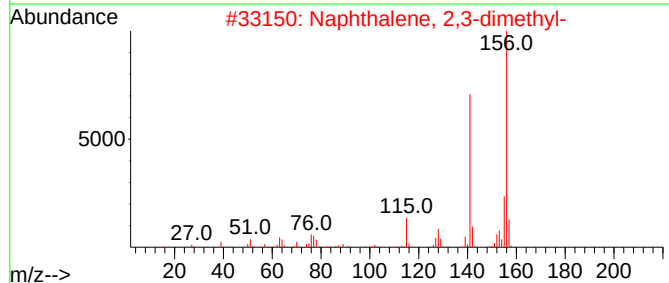
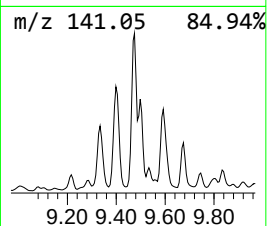
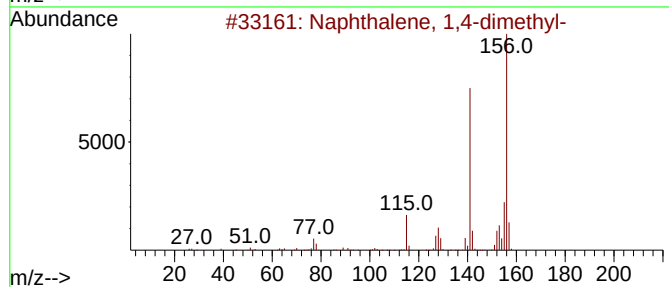
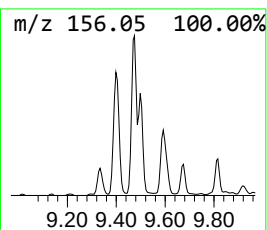
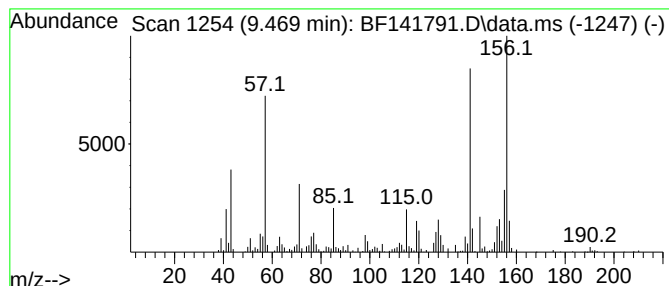
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.469	14.77 ng	602081	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141791.D
Acq On : 26 Feb 2025 19:25
Operator : RC/JU
Sample : Q1428-01 2X
Misc :
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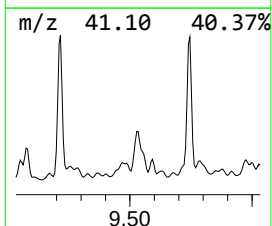
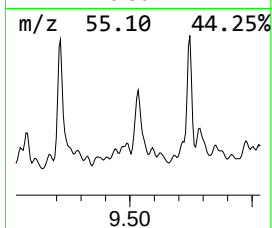
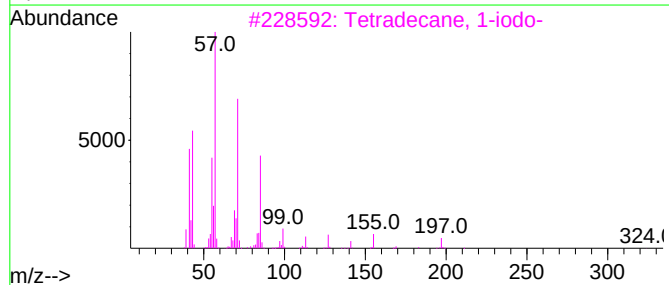
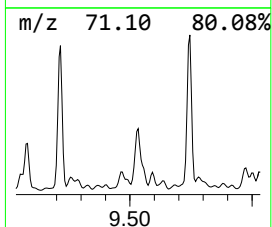
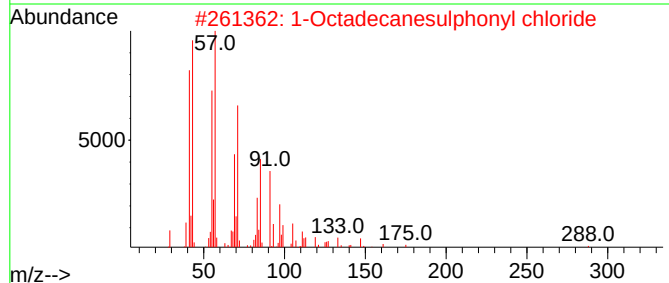
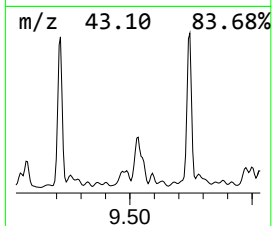
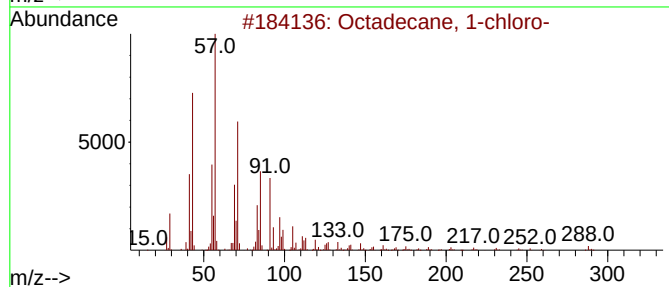
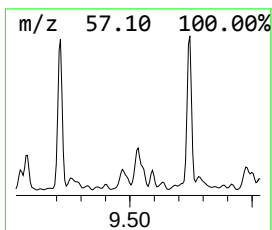
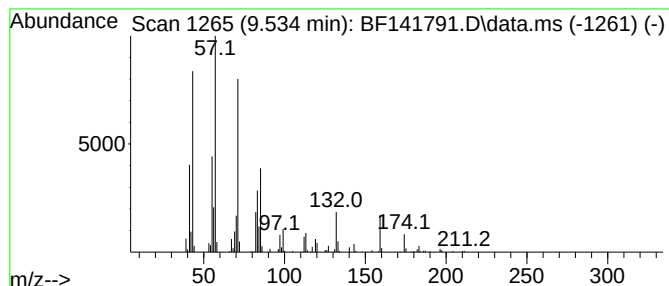
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane, 1-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.534	12.22 ng	498154	Acenaphthene-d10	9.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
5	Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141791.D
Acq On : 26 Feb 2025 19:25
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ALS Vial : 18 Sample Multiplier: 1

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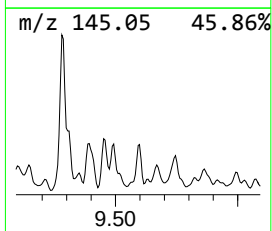
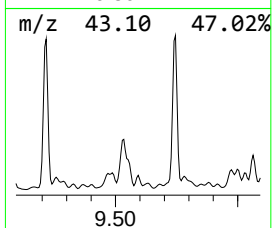
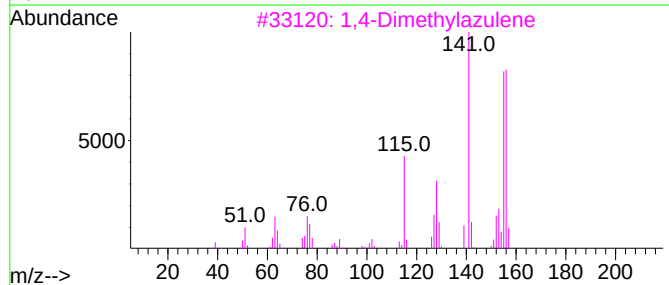
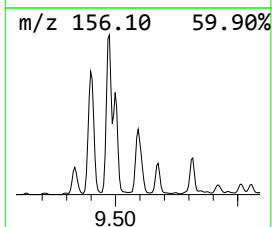
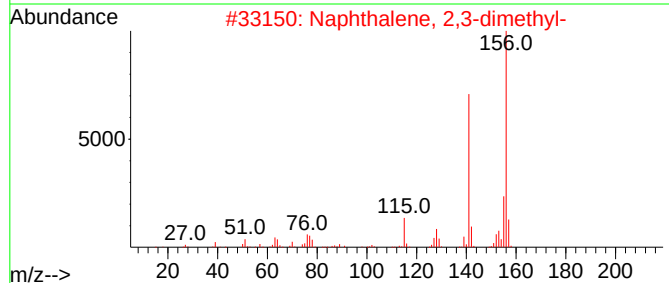
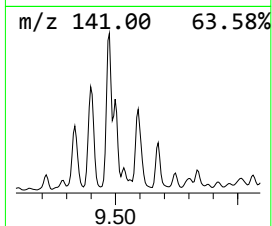
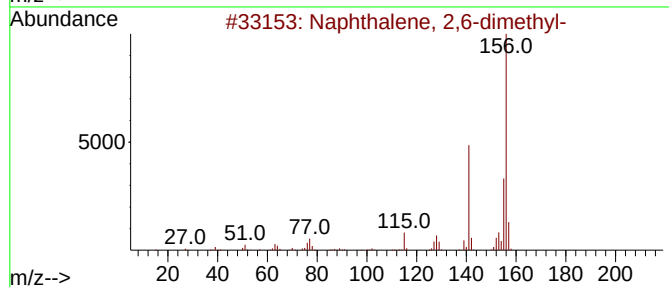
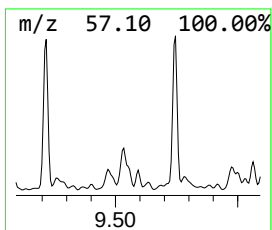
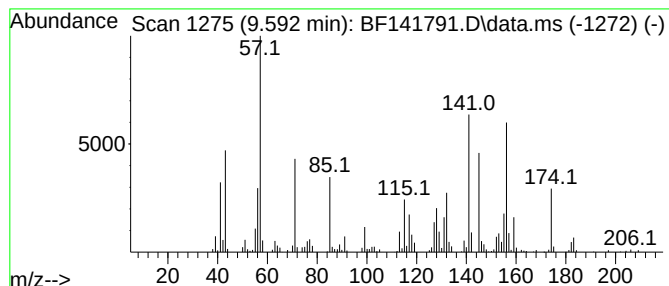
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	4.87 ng	198660	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	72
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	70
3			1,4-Dimethylazulene	156	C12H12	001127-69-1	47
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	38
5			Pent-1-yn-3-ene, 4-methyl-3-phenyl-	156	C12H12	065050-80-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141791.D
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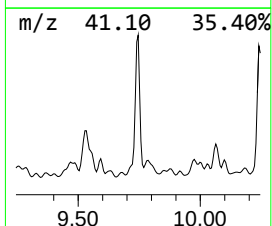
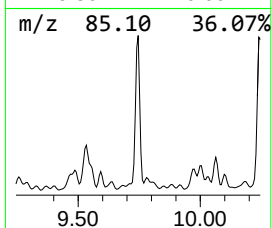
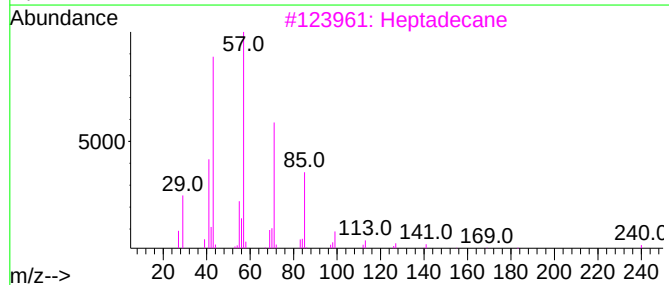
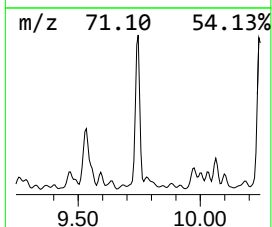
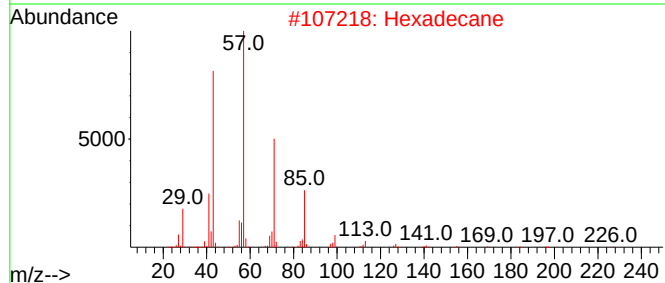
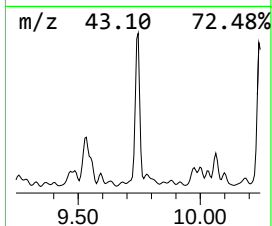
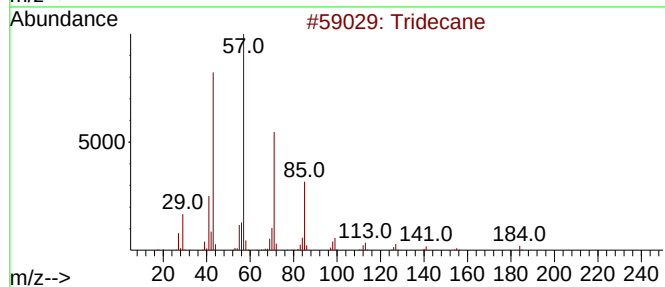
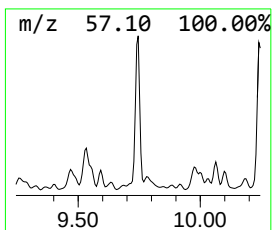
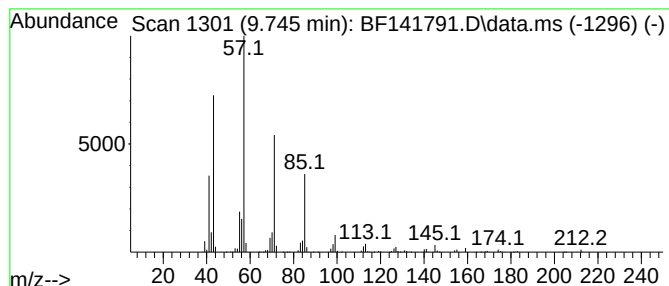
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	20.93 ng	852957	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141791.D
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ClientSampleId :
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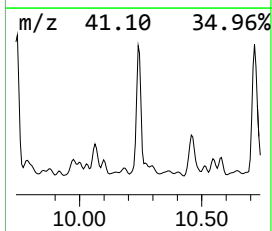
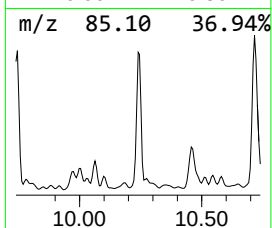
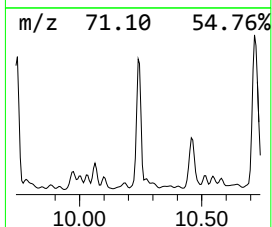
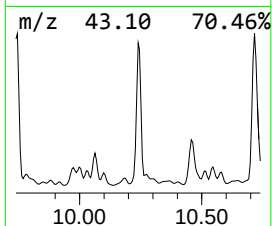
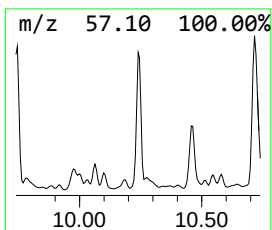
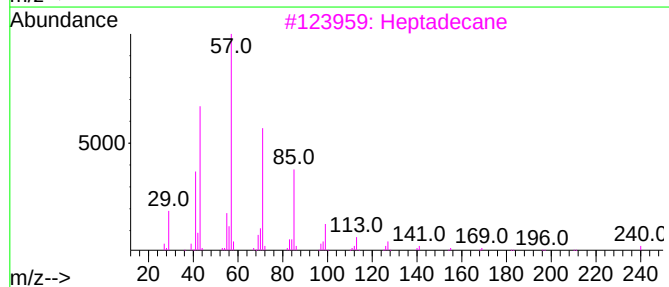
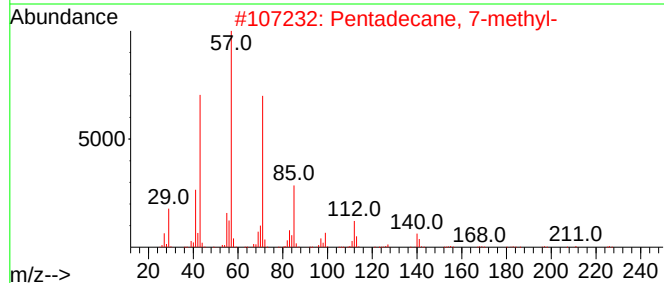
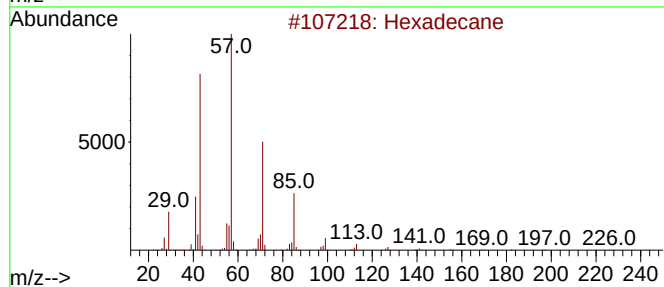
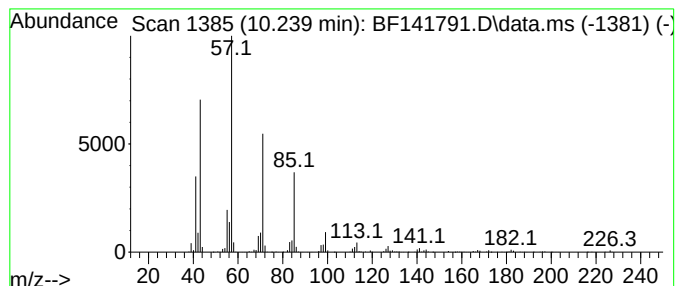
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pentadecane, 7-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.240	19.59 ng	798330	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141791.D
Acq On : 26 Feb 2025 19:25
Operator : RC/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-07-022525

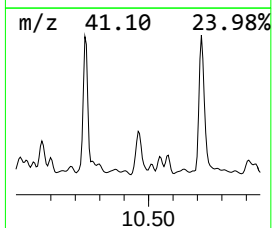
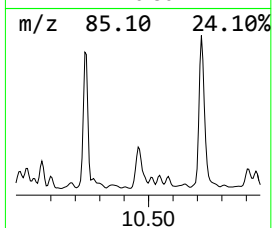
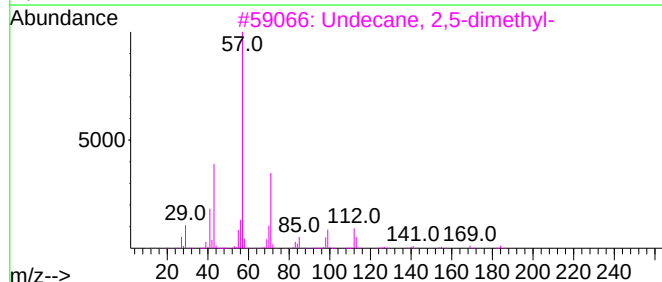
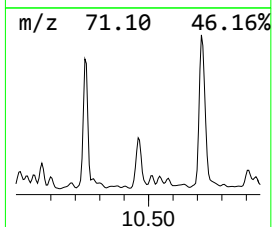
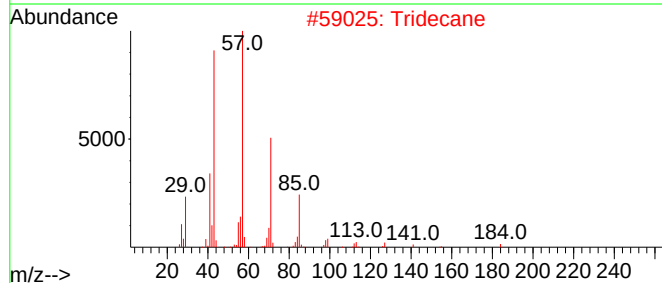
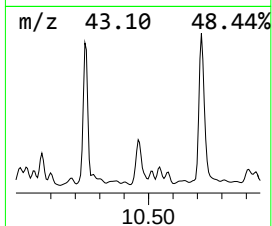
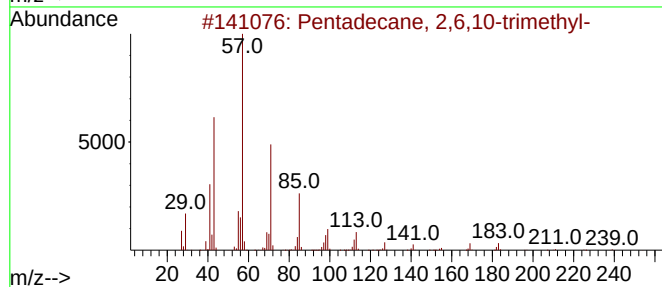
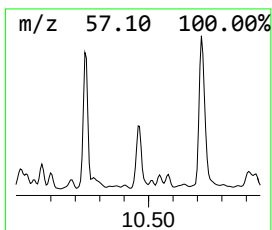
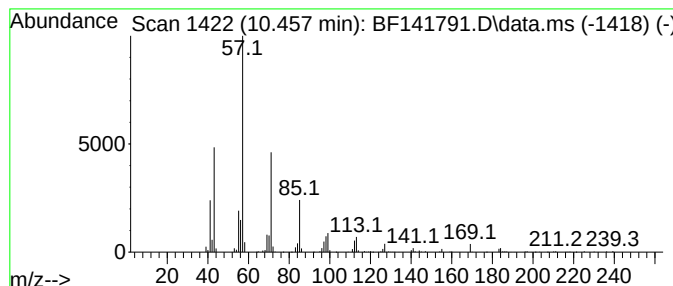
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	10.06 ng	410229	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Tridecane	184	C13H28	000629-50-5	80
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
4		Octacosane	394	C28H58	000630-02-4	72
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141791.D
Acq On : 26 Feb 2025 19:25
Operator : RC/JU
Sample : Q1428-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

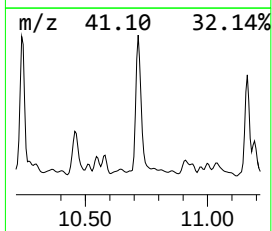
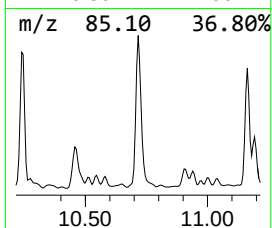
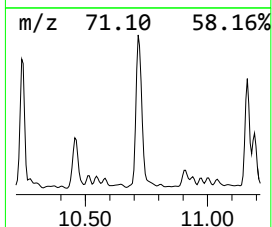
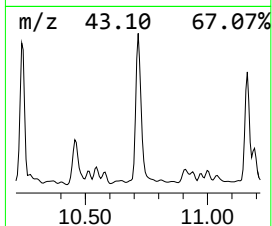
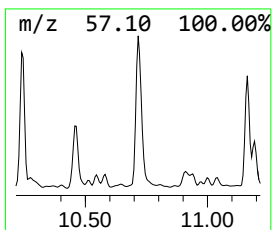
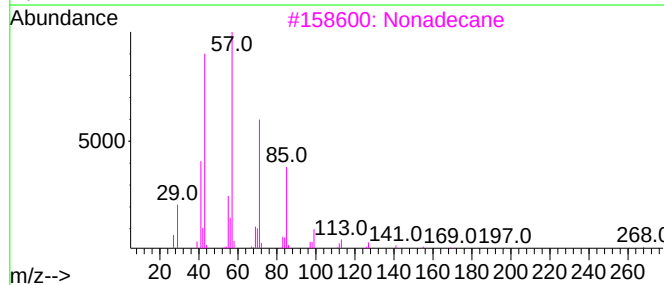
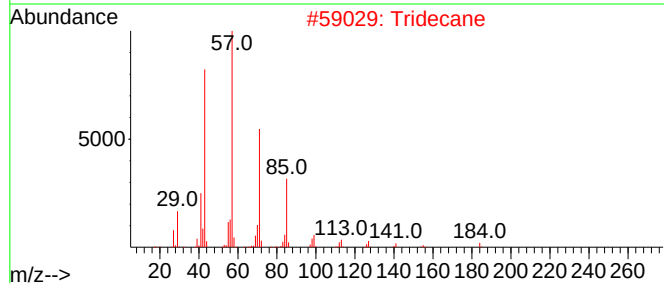
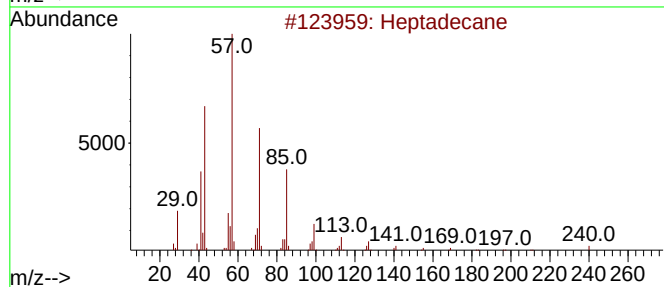
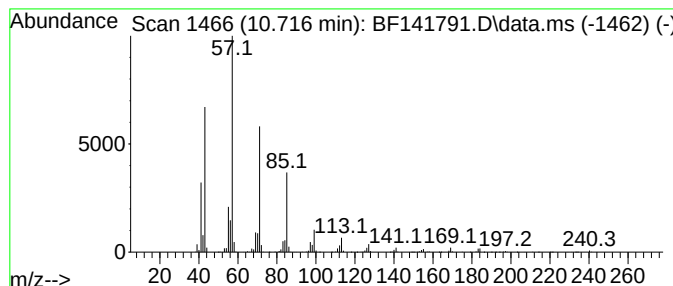
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.716	12.94 ng	1153270	Phenanthrene-d10		11.298	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Tridecane		184	C13H28	000629-50-5	93
3	Nonadecane		268	C19H40	000629-92-5	91
4	Heneicosane		296	C21H44	000629-94-7	91
5	Eicosane		282	C20H42	000112-95-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
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Sample : Q1428-01 2X
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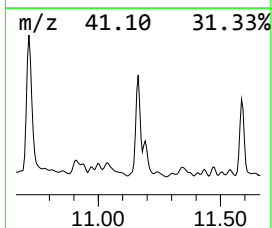
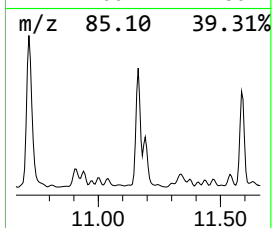
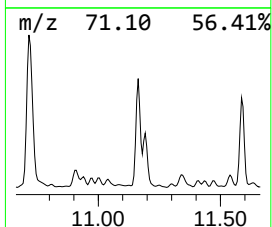
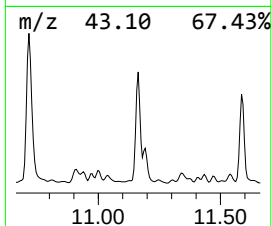
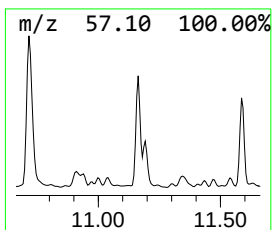
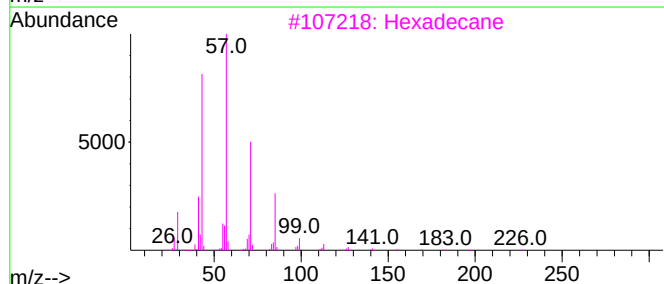
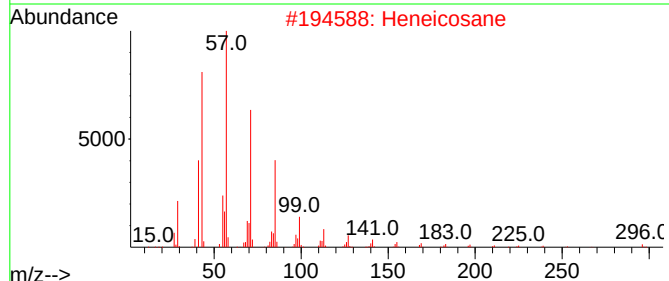
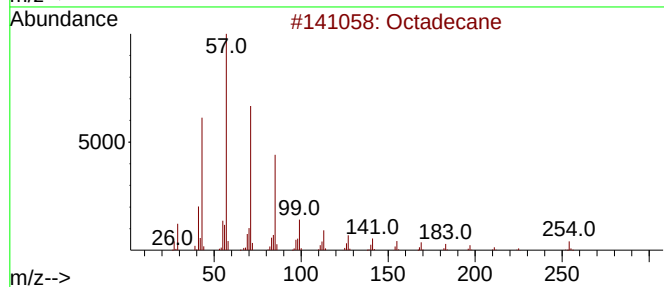
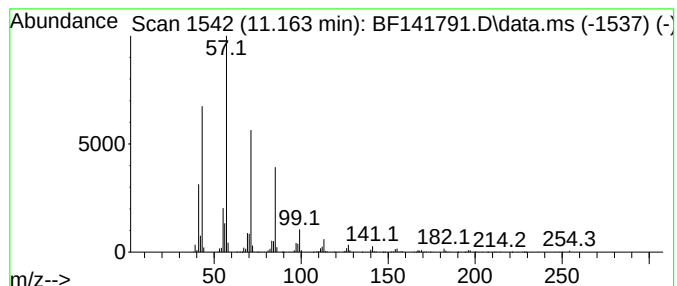
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.163	8.36 ng	745171	Phenanthrene-d10		11.298	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	95
2	Heneicosane		296	C21H44	000629-94-7	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Heptadecane, 2-methyl-		254	C18H38	001560-89-0	87
5	Tetradecane		198	C14H30	000629-59-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141791.D
Acq On : 26 Feb 2025 19:25
Operator : RC/JU
Sample : Q1428-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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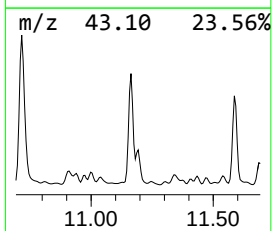
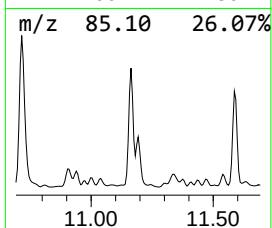
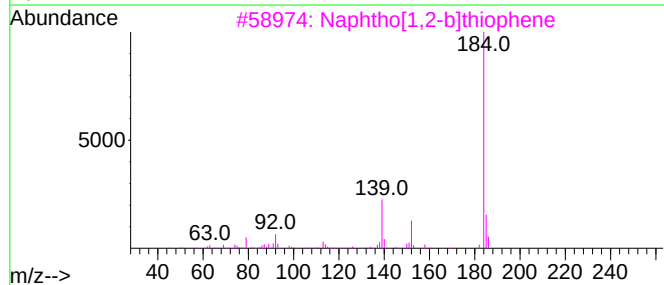
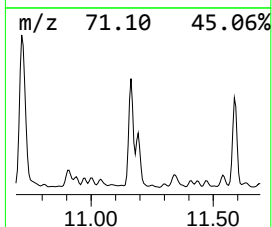
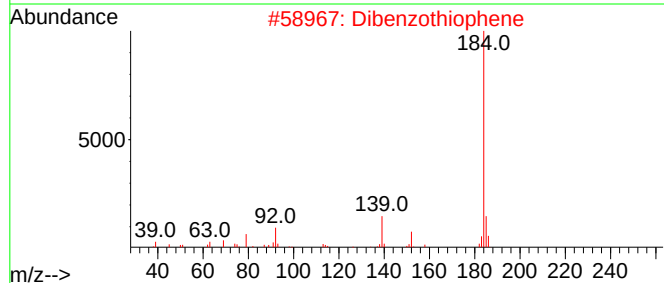
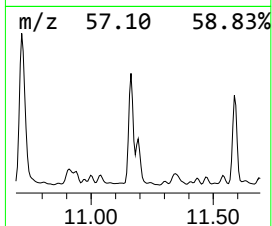
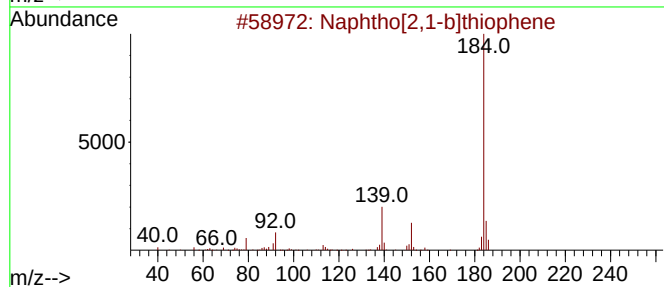
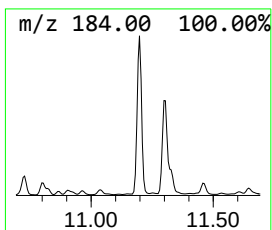
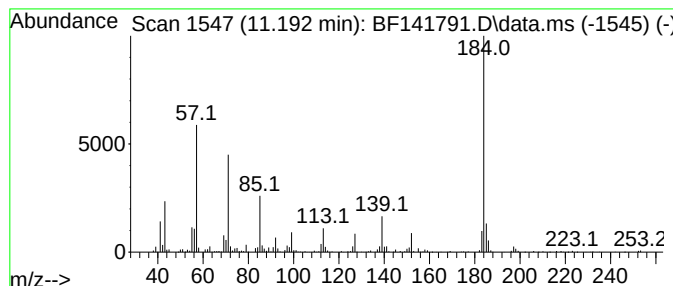
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphtho[2,1-b]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	4.57 ng	407421	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	87
2			Dibenzothiophene	184	C12H8S	000132-65-0	78
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	55
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	55
5			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
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Acq On : 26 Feb 2025 19:25
Operator : RC/JU
Sample : Q1428-01 2X
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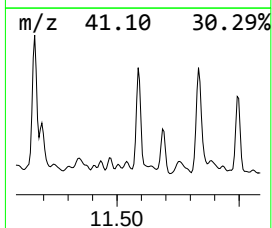
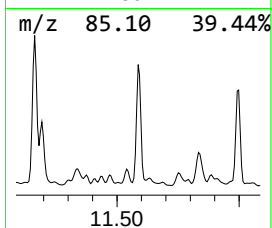
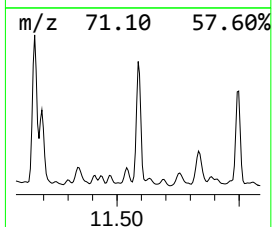
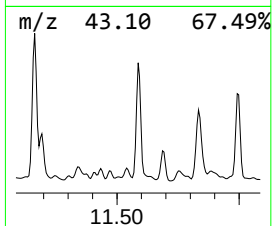
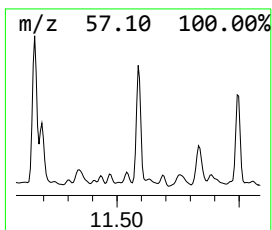
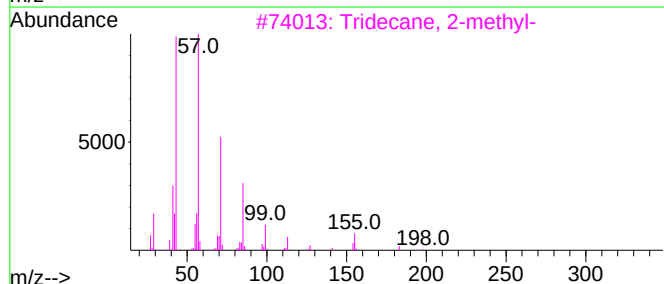
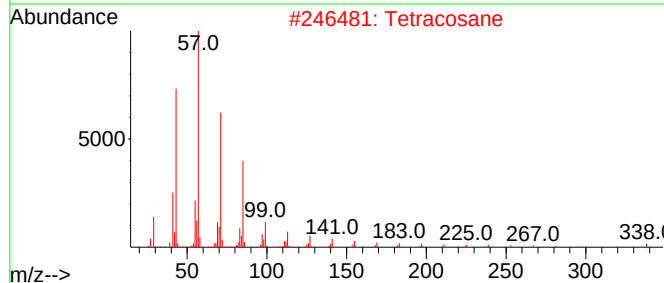
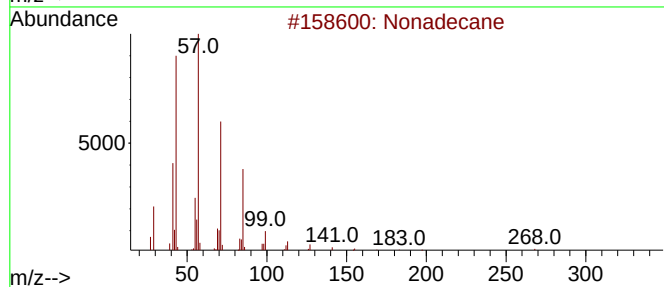
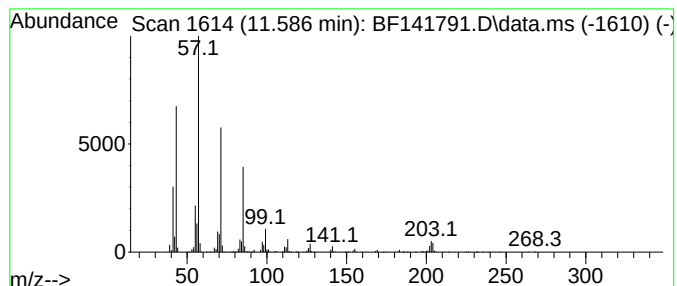
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.586	6.30 ng	561838	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	90
2			Tetracosane	338	C24H50	000646-31-1	87
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5			Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141791.D
Acq On : 26 Feb 2025 19:25
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Misc :
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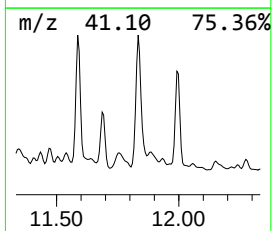
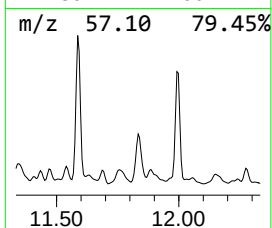
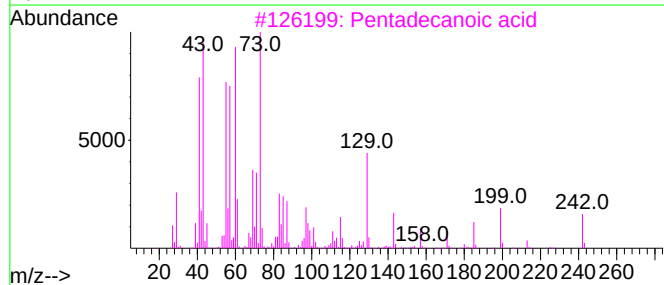
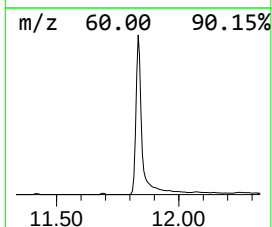
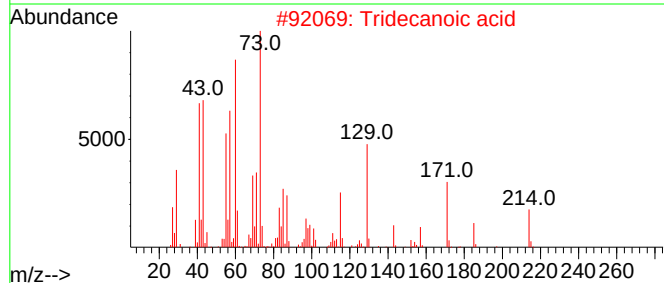
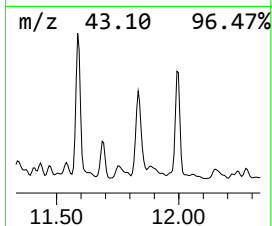
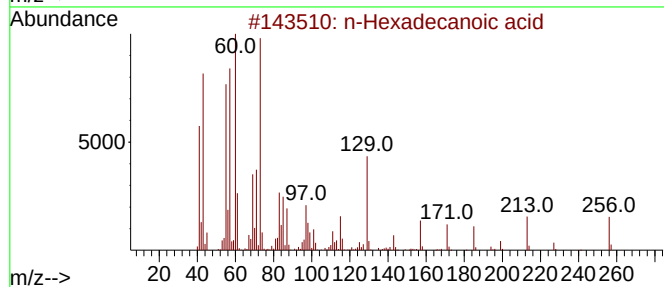
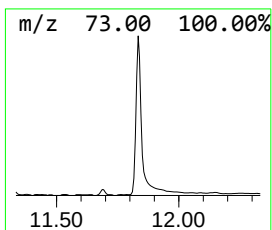
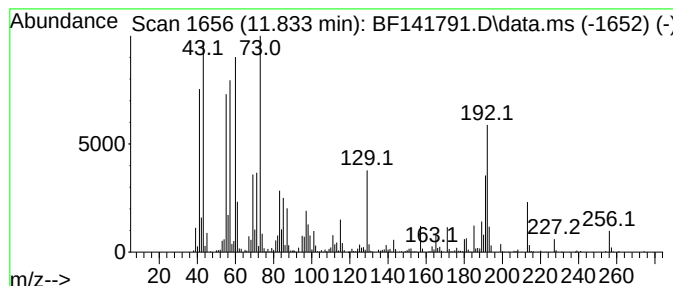
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.834	8.96 ng	798497	Phenanthrene-d10	11.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	97
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	59
5		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
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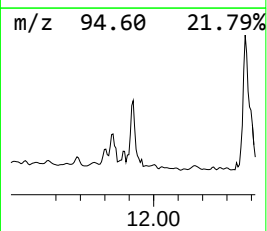
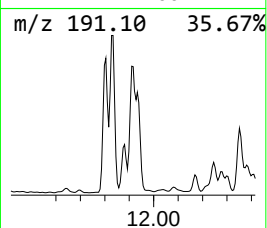
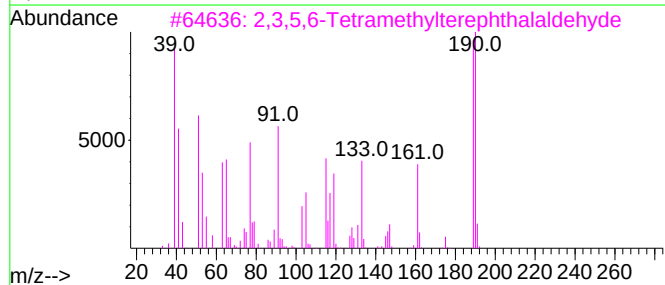
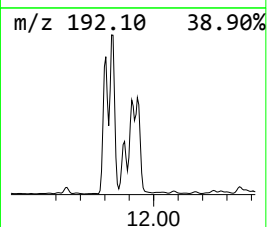
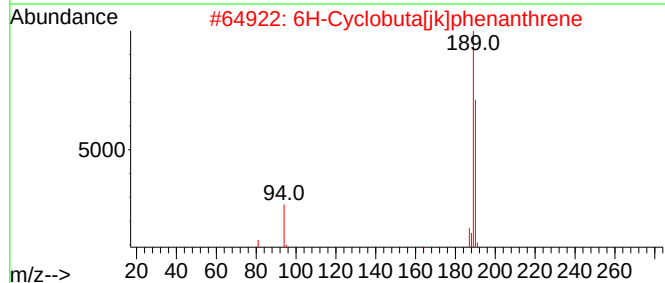
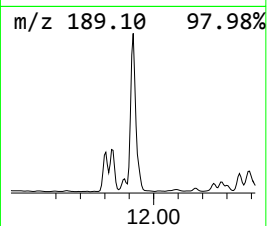
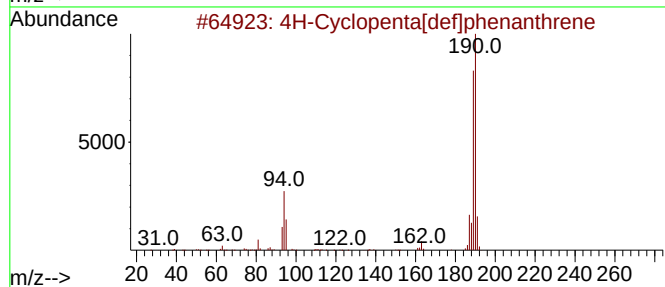
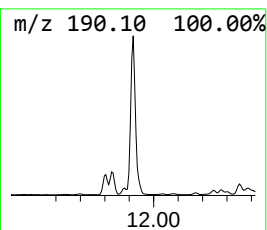
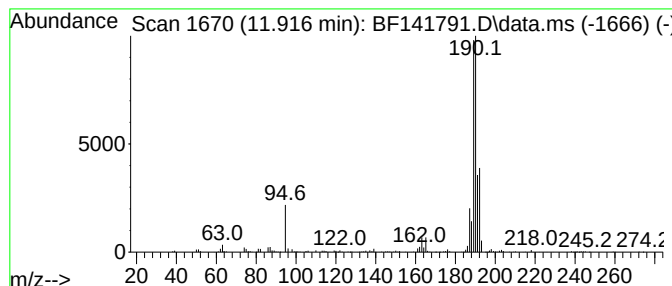
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.916	6.15 ng	547977	Phenanthrene-d10	11.298	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141791.D
Acq On : 26 Feb 2025 19:25
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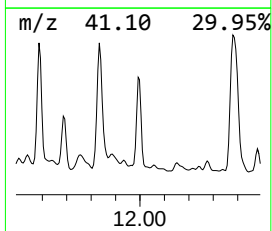
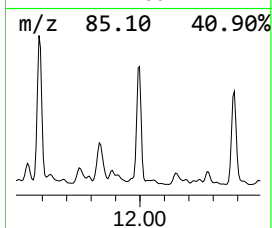
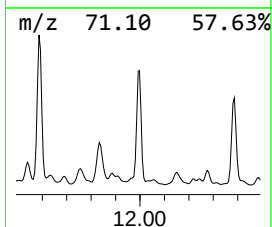
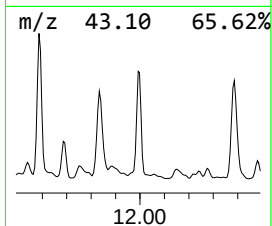
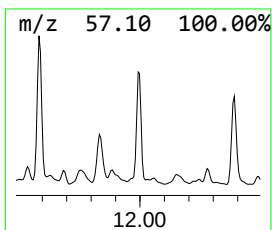
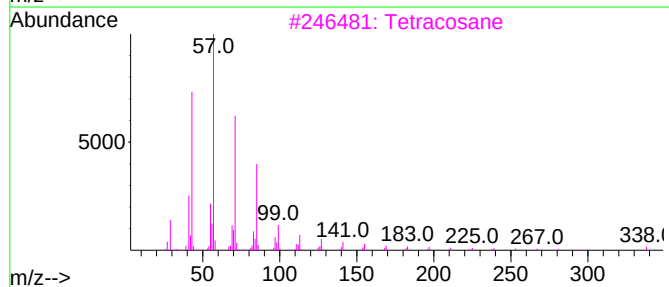
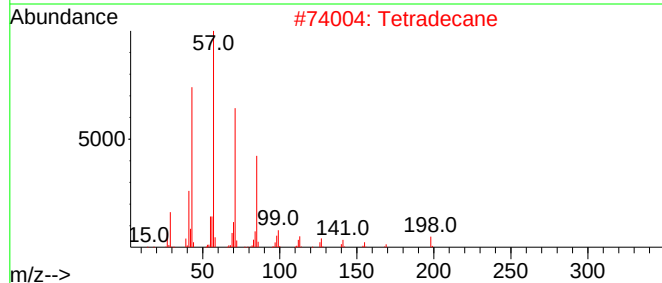
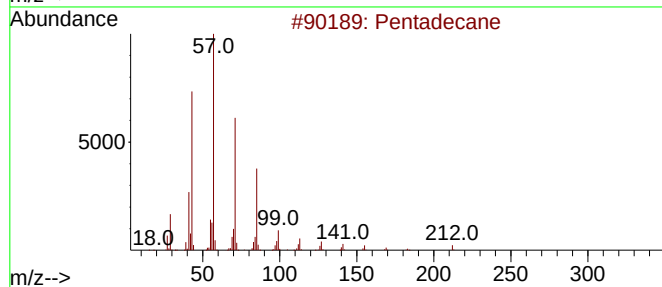
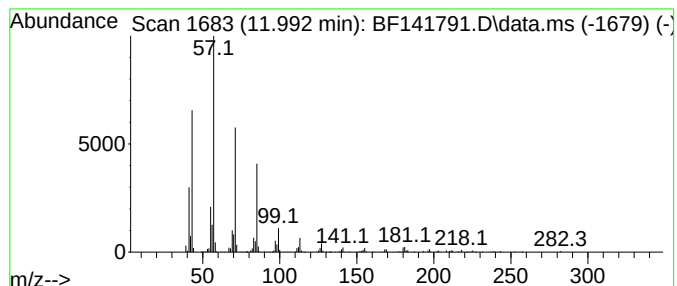
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	4.90 ng	436447	Phenanthrene-d10	11.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	96
2		Tetradecane	198	C14H30	000629-59-4	93
3		Tetracosane	338	C24H50	000646-31-1	91
4		Nonadecane	268	C19H40	000629-92-5	90
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141791.D
Acq On : 26 Feb 2025 19:25
Operator : RC/JU
Sample : Q1428-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022525

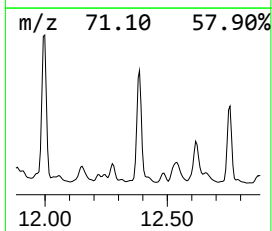
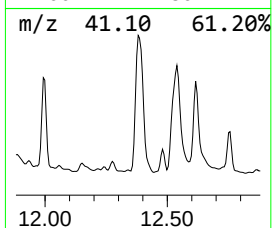
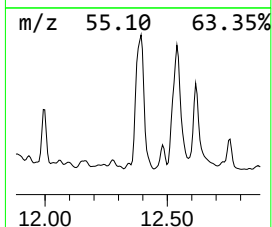
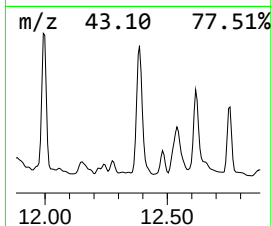
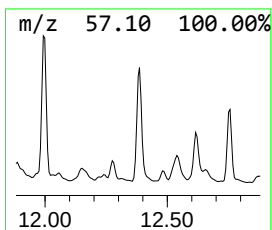
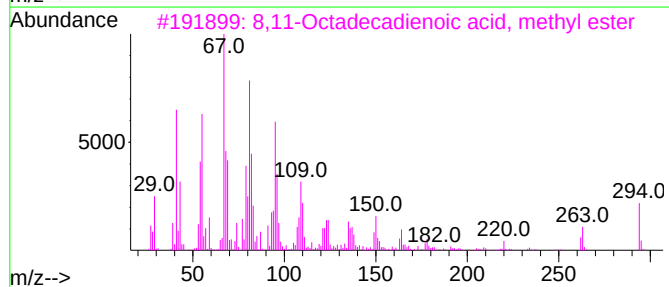
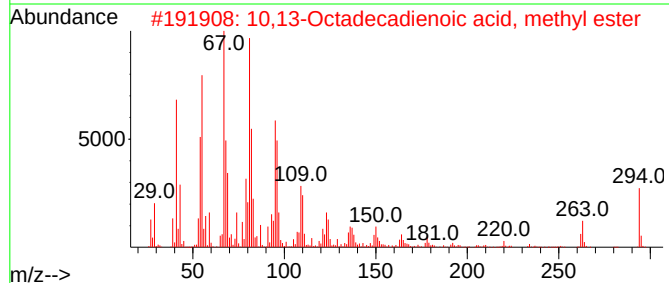
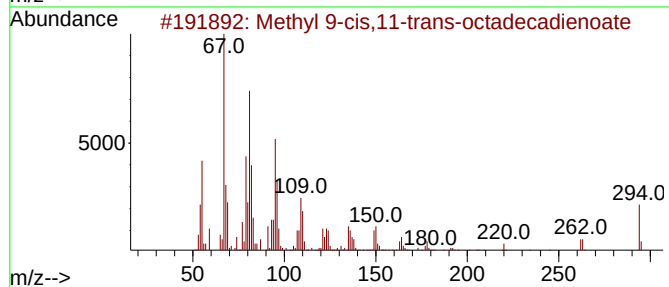
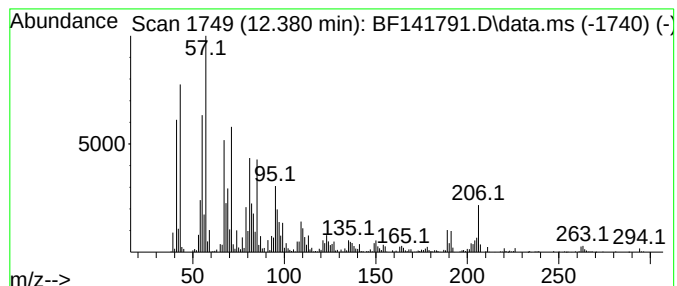
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Methyl 9-cis,11-trans-octad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.381	17.51 ng	1560700	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	95
2			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	95
3			8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	95
4			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	95
5			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141791.D
Acq On : 26 Feb 2025 19:25
Operator : RC/JU
Sample : Q1428-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

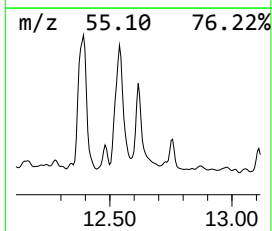
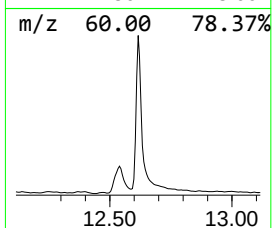
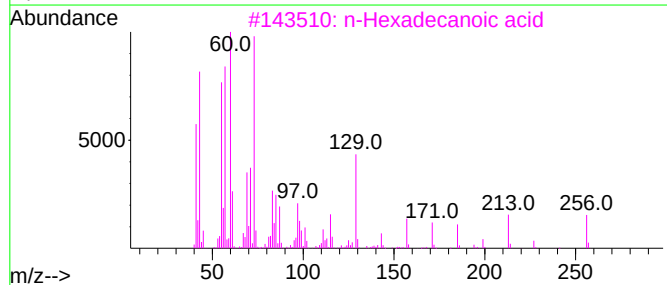
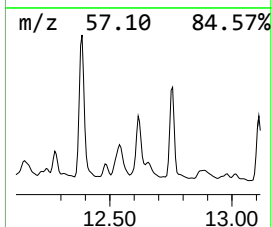
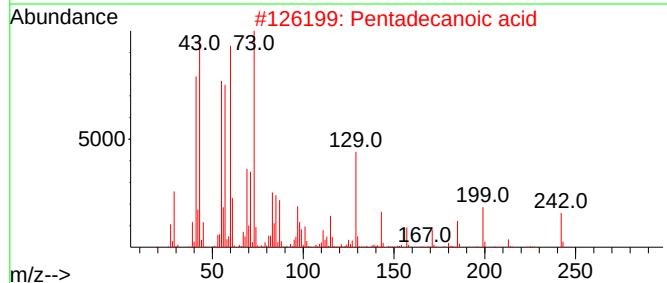
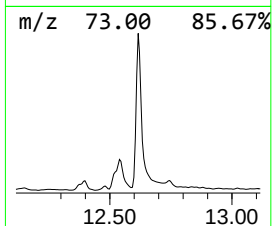
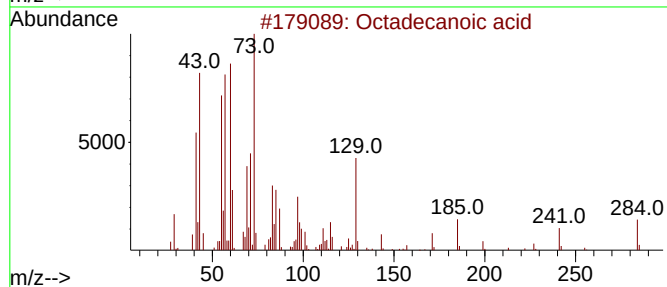
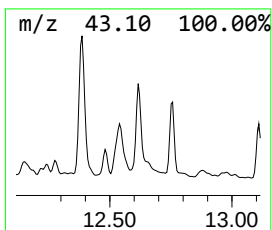
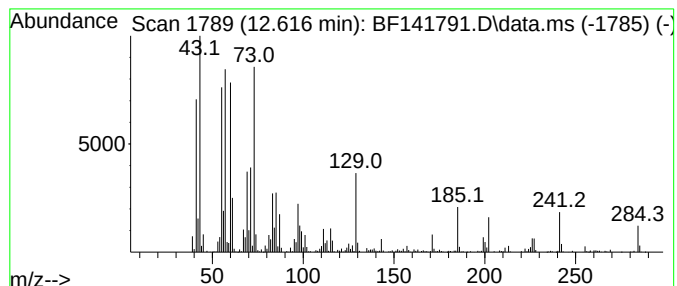
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ClientSampleId :
NB-07-022525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.616	4.97 ng	442827	Phenanthrene-d10		11.298	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	83
5	Dodecanoic acid		200	C12H24O2	000143-07-7	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141791.D
Acq On : 26 Feb 2025 19:25
Operator : RC/JU
Sample : Q1428-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022525

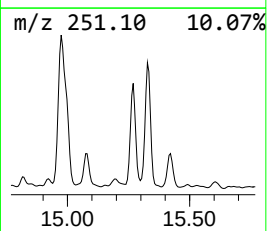
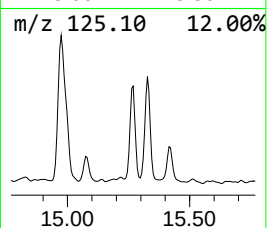
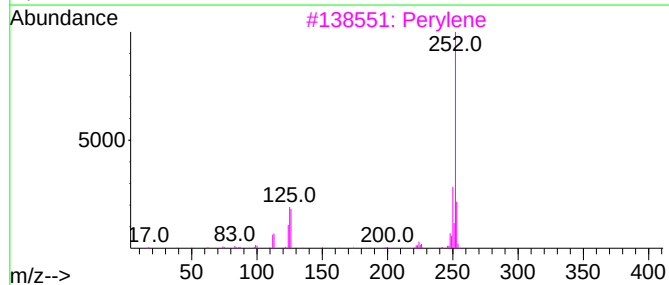
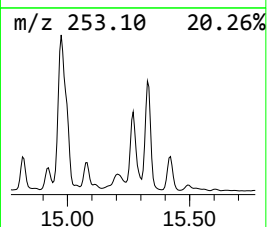
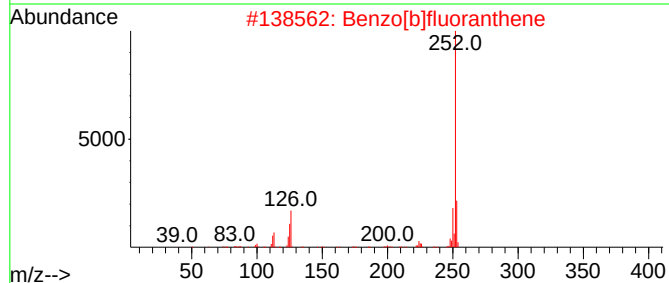
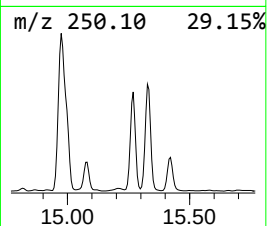
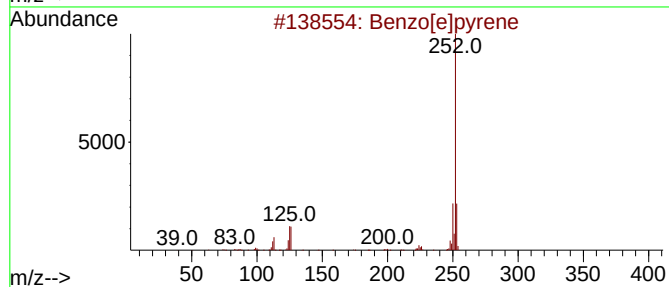
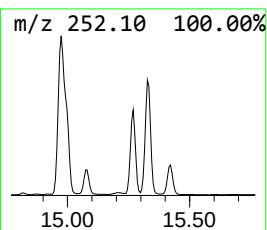
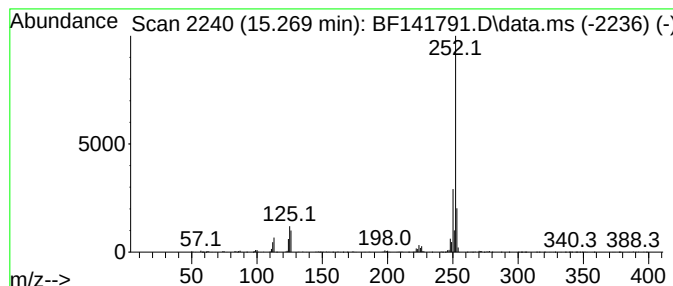
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.269	11.44 ng	377783	Perylene-d12	15.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5			Benzo[a]pyrene	252	C20H12	000050-32-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141791.D
Acq On : 26 Feb 2025 19:25
Operator : RC/JU
Sample : Q1428-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecane	8.651	8.6	ng	694297	2	8.063	1609490	20.0
unknown9.010	9.010	4.8	ng	196841	3	9.816	815239	20.0
unknown9.075	9.075	5.8	ng	235350	3	9.816	815239	20.0
Tetradecane	9.216	23.7	ng	966459	3	9.816	815239	20.0
Naphthalene, 1,...	9.469	14.8	ng	602081	3	9.816	815239	20.0
Octadecane, 1-c...	9.534	12.2	ng	498154	3	9.816	815239	20.0
Naphthalene, 2,...	9.592	4.9	ng	198660	3	9.816	815239	20.0
Hexadecane	9.745	20.9	ng	852957	3	9.816	815239	20.0
Pentadecane, 7-...	10.240	19.6	ng	798330	3	9.816	815239	20.0
Pentadecane, 2,...	10.457	10.1	ng	410229	3	9.816	815239	20.0
Heptadecane	10.716	12.9	ng	1153270	4	11.298	1782430	20.0
Octadecane	11.163	8.4	ng	745171	4	11.298	1782430	20.0
Naphtho[2,1-b]t...	11.192	4.6	ng	407421	4	11.298	1782430	20.0
Nonadecane	11.586	6.3	ng	561838	4	11.298	1782430	20.0
n-Hexadecanoic ...	11.834	9.0	ng	798497	4	11.298	1782430	20.0
4H-Cyclopenta[d...	11.916	6.2	ng	547977	4	11.298	1782430	20.0
Pentadecane	11.992	4.9	ng	436447	4	11.298	1782430	20.0
Methyl 9-cis,11...	12.381	17.5	ng	1560700	4	11.298	1782430	20.0
Octadecanoic acid	12.616	5.0	ng	442827	4	11.298	1782430	20.0
Benzo[e]pyrene	15.269	11.4	ng	377783	6	15.392	660200	20.0