

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134255.D
 Acq On : 12 Jul 2023 19:47
 Operator : CG\JU
 Sample : 03555-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-203

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-BF062623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134255.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.581	421	424	428	rBV	97696	107256	6.95%	0.491%
2	5.075	501	508	513	rBV2	41196	56582	3.67%	0.259%
3	5.440	567	570	572	rBV	36344	34514	2.24%	0.158%
4	5.475	572	576	586	rVB	1286152	1177019	76.28%	5.383%
5	5.751	621	623	631	rVB	48840	47249	3.06%	0.216%
6	6.087	675	680	683	rBV3	24765	36743	2.38%	0.168%
7	6.369	725	728	731	rBV	41080	41477	2.69%	0.190%
8	6.481	743	747	760	rVB	1343465	1252934	81.20%	5.730%
9	6.675	776	780	783	rBV2	89118	92068	5.97%	0.421%
10	6.845	805	809	815	rVB	661002	607753	39.38%	2.780%
11	7.110	849	854	857	rVB4	27420	39116	2.53%	0.179%
12	7.234	870	875	877	rBV2	29123	38419	2.49%	0.176%
13	7.404	900	904	907	rVV	982698	808596	52.40%	3.698%
14	7.434	907	909	912	rVV	104926	83889	5.44%	0.384%
15	7.534	921	926	931	rBV3	21913	36632	2.37%	0.168%
16	8.098	1020	1022	1024	rBV	88799	91881	5.95%	0.420%
17	8.122	1024	1026	1029	rVV	998332	797609	51.69%	3.648%
18	8.145	1029	1030	1033	rVV	138848	77277	5.01%	0.353%
19	8.181	1033	1036	1038	rVB	62062	52539	3.40%	0.240%
20	8.410	1067	1075	1082	rBV4	35417	58115	3.77%	0.266%
21	8.539	1094	1097	1100	rBV	113699	99762	6.47%	0.456%
22	8.710	1123	1126	1129	rBV	111187	87670	5.68%	0.401%
23	8.834	1145	1147	1151	rBV	87760	78277	5.07%	0.358%
24	8.934	1161	1164	1167	rBV	53324	45590	2.95%	0.209%
25	9.139	1197	1199	1202	rVB	62069	45490	2.95%	0.208%
26	9.198	1205	1209	1212	rBV	1902136	1543109	100.00%	7.057%
27	9.275	1219	1222	1225	rBV	98309	85260	5.53%	0.390%
28	9.469	1251	1255	1258	rVB2	43221	47028	3.05%	0.215%
29	9.539	1264	1267	1269	rBV	56200	59278	3.84%	0.271%
30	9.598	1273	1277	1279	rVB3	66963	69644	4.51%	0.319%
31	9.739	1299	1301	1305	rBV	66274	61935	4.01%	0.283%
32	9.810	1311	1313	1317	rVB	104987	76481	4.96%	0.350%
33	9.881	1317	1325	1328	rBV	974767	827031	53.60%	3.782%
34	9.916	1328	1331	1334	rVB2	63195	62243	4.03%	0.285%
35	10.039	1347	1352	1355	rBV7	27090	45924	2.98%	0.210%
36	10.086	1355	1360	1364	rVV2	106310	116840	7.57%	0.534%

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37	10.128	1364	1367	1371	rVB3	36861	45216	2.93%	0.207%
38	10.198	1376	1379	1381	rBV	47237	43601	2.83%	0.199%
39	10.286	1391	1394	1396	rBV2	42454	40635	2.63%	0.186%
40	10.310	1396	1398	1400	rVB	114614	79323	5.14%	0.363%
41	10.428	1415	1418	1425	rBV4	40747	63312	4.10%	0.290%
42	10.533	1431	1436	1438	rBV2	42344	58103	3.77%	0.266%
43	10.598	1442	1447	1450	rBV2	143694	133477	8.65%	0.610%
44	10.675	1457	1460	1470	rVB	918854	831472	53.88%	3.803%
45	10.798	1476	1481	1488	rVB3	140534	214255	13.88%	0.980%
46	11.133	1536	1538	1543	rVV3	36972	46624	3.02%	0.213%
47	11.180	1543	1546	1549	rVV	68168	70410	4.56%	0.322%
48	11.239	1552	1556	1559	rVV2	105183	126163	8.18%	0.577%
49	11.269	1559	1561	1569	rVB4	68205	76797	4.98%	0.351%
50	11.375	1576	1579	1582	rBV	695064	680265	44.08%	3.111%
51	11.398	1582	1583	1587	rVV	304206	243944	15.81%	1.116%
52	11.451	1589	1592	1595	rVV	160641	143334	9.29%	0.656%
53	11.480	1595	1597	1600	rVV2	34172	45772	2.97%	0.209%
54	11.557	1604	1610	1613	rVV4	36925	72251	4.68%	0.330%
55	11.616	1617	1620	1624	rVV4	36152	69383	4.50%	0.317%
56	11.669	1626	1629	1632	rVV2	109527	103789	6.73%	0.475%
57	11.710	1634	1636	1642	rVB4	32886	40753	2.64%	0.186%
58	11.880	1662	1665	1667	rBV	68049	59679	3.87%	0.273%
59	11.904	1667	1669	1675	rVV2	251082	259097	16.79%	1.185%
60	11.957	1676	1678	1681	rVV2	34945	42228	2.74%	0.193%
61	11.992	1681	1684	1687	rVV	137007	156315	10.13%	0.715%
62	12.016	1687	1688	1691	rVB	61749	36894	2.39%	0.169%
63	12.075	1695	1698	1703	rVV2	88181	98201	6.36%	0.449%
64	12.180	1713	1716	1718	rBV	82712	66771	4.33%	0.305%
65	12.210	1718	1721	1726	rVB2	73515	67842	4.40%	0.310%
66	12.363	1744	1747	1749	rBV	45879	44647	2.89%	0.204%
67	12.433	1756	1759	1762	rBV	103803	97326	6.31%	0.445%
68	12.469	1762	1765	1768	rVV3	104311	97477	6.32%	0.446%
69	12.522	1771	1774	1780	rVB	110011	109205	7.08%	0.499%
70	12.598	1784	1787	1792	rVB	832547	726479	47.08%	3.323%
71	12.663	1796	1798	1801	rVB2	40472	35307	2.29%	0.161%
72	12.698	1801	1804	1807	rBV2	62251	76207	4.94%	0.349%
73	12.833	1821	1827	1832	rBV	857092	957381	62.04%	4.379%
74	12.880	1832	1835	1839	rVB2	53575	68204	4.42%	0.312%
75	12.974	1847	1851	1858	rVB	1213429	1228355	79.60%	5.618%
76	13.045	1860	1863	1871	rVV5	75816	110859	7.18%	0.507%

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77	13.157	1875	1882	1885	rVB3	117969	232178	15.05%	1.062%
78	13.198	1885	1889	1892	rBV2	61999	83336	5.40%	0.381%
79	13.227	1892	1894	1896	rBV	53699	44084	2.86%	0.202%
80	13.263	1896	1900	1903	rBV2	103399	113788	7.37%	0.520%
81	13.357	1914	1916	1919	rBV	76494	69213	4.49%	0.317%
82	13.386	1919	1921	1925	rBV2	52325	60856	3.94%	0.278%
83	13.551	1946	1949	1952	rBV2	46015	47046	3.05%	0.215%
84	13.674	1967	1970	1974	rVB	133442	133144	8.63%	0.609%
85	13.786	1986	1989	1992	rBV2	89216	83950	5.44%	0.384%
86	13.839	1995	1998	2003	rVV2	108280	120007	7.78%	0.549%
87	13.886	2003	2006	2008	rBV2	106912	100538	6.52%	0.460%
88	13.921	2009	2012	2015	rVV	65581	68049	4.41%	0.311%
89	14.039	2024	2032	2035	rBV2	718650	1163726	75.41%	5.322%
90	14.063	2035	2036	2045	rVB	379346	331880	21.51%	1.518%
91	14.145	2048	2050	2052	rVB	59855	44263	2.87%	0.202%
92	14.463	2102	2104	2108	rBV2	59299	57063	3.70%	0.261%
93	14.551	2117	2119	2122	rBV2	76060	85029	5.51%	0.389%
94	15.104	2208	2213	2220	rBV	527212	958858	62.14%	4.385%
95	15.215	2229	2232	2235	rVB	69195	72078	4.67%	0.330%
96	15.415	2262	2266	2273	rVB	272382	360373	23.35%	1.648%
97	15.480	2273	2277	2283	rVB	296129	382027	24.76%	1.747%
98	15.545	2284	2288	2292	rBV	325208	447468	29.00%	2.046%
99	17.092	2546	2551	2556	rBV2	100816	196632	12.74%	0.899%
100	17.562	2627	2631	2638	rVB	85245	153115	9.92%	0.700%

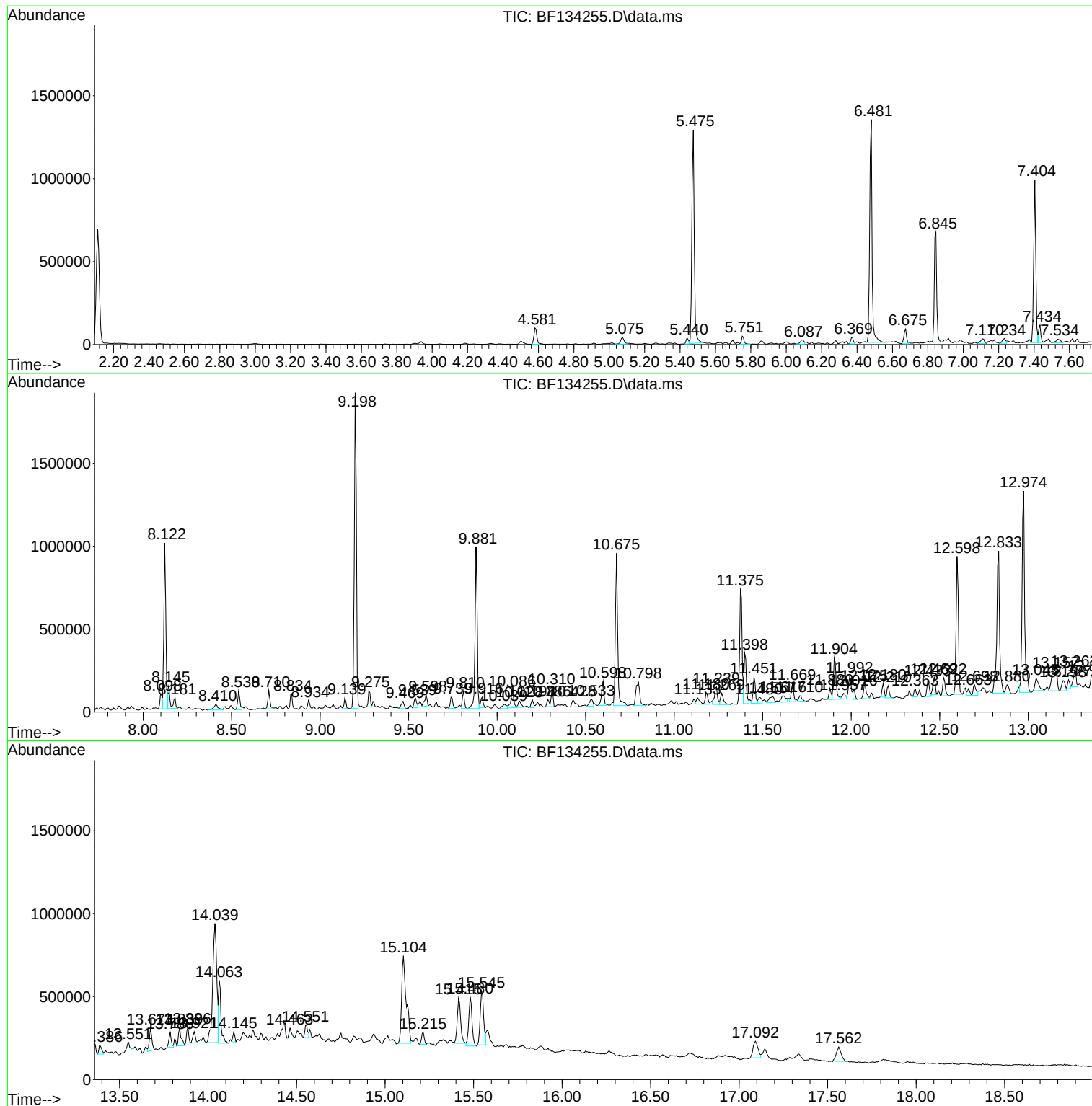
Sum of corrected areas: 21865284

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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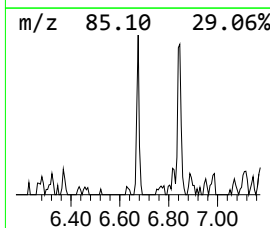
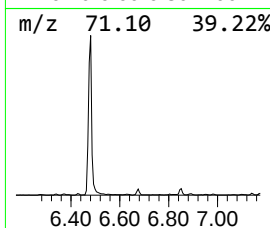
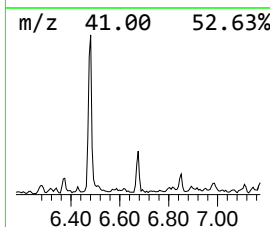
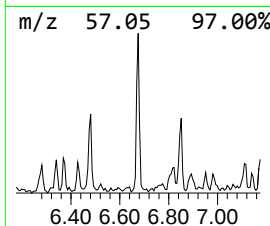
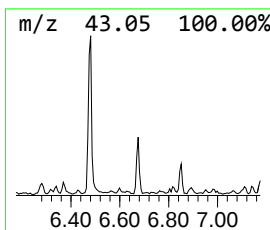
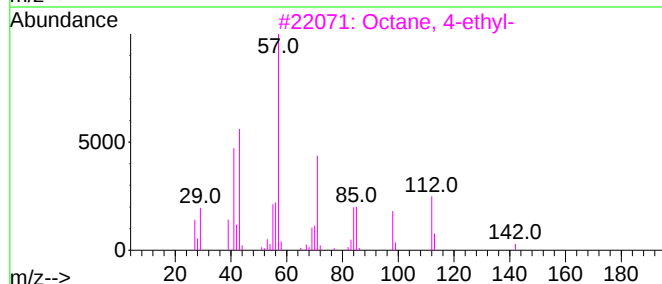
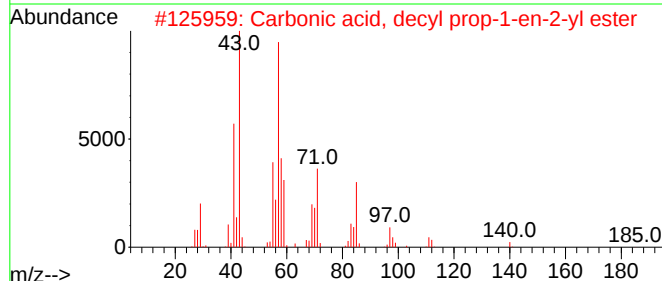
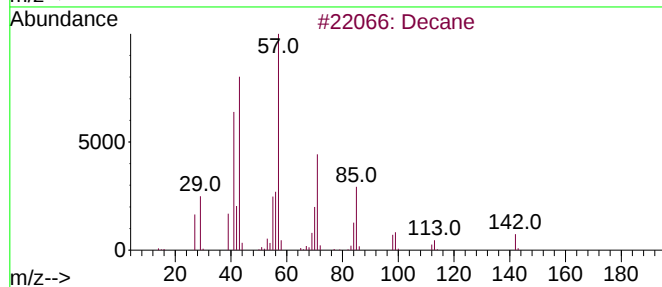
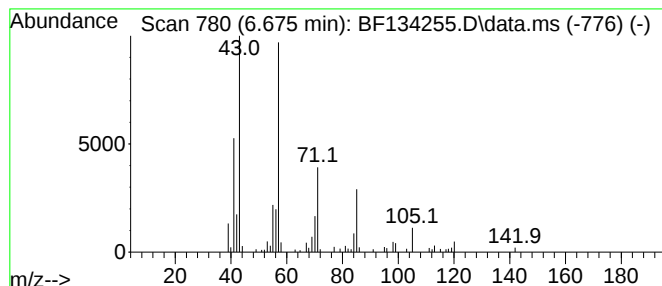
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.675	3.03 ng	92068	1,4-Dichlorobenzene-d4	6.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	81
2			Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	72
3			Octane, 4-ethyl-	142	C10H22	015869-86-0	64
4			Nonane	128	C9H20	000111-84-2	59
5			Decyl isobutyl ether	214	C14H30O	1010406-32-5	53



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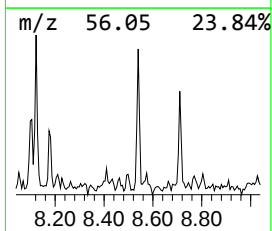
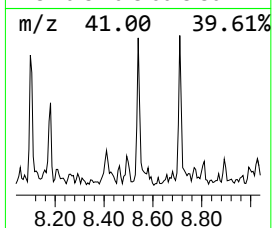
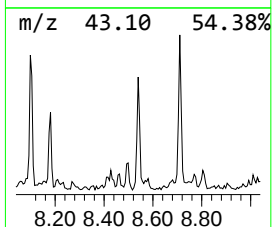
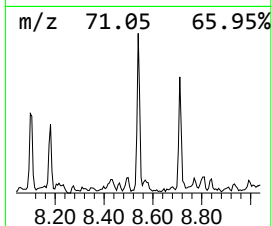
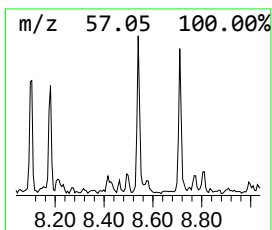
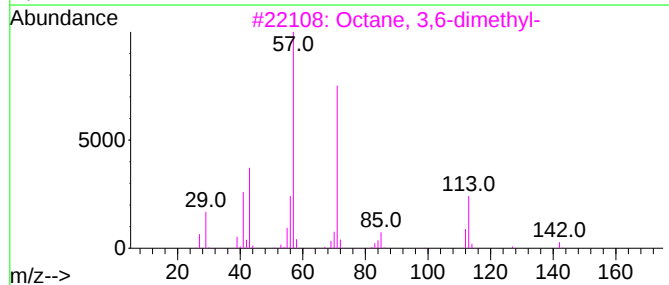
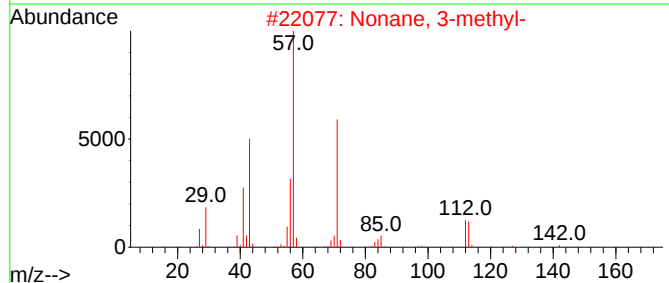
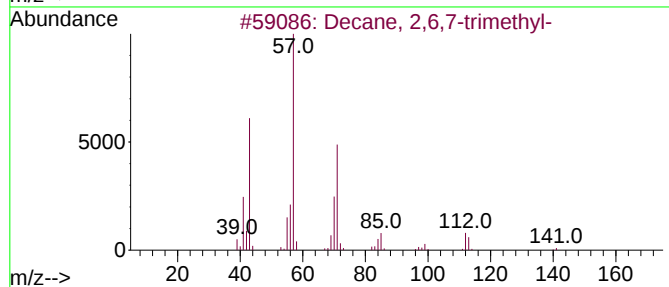
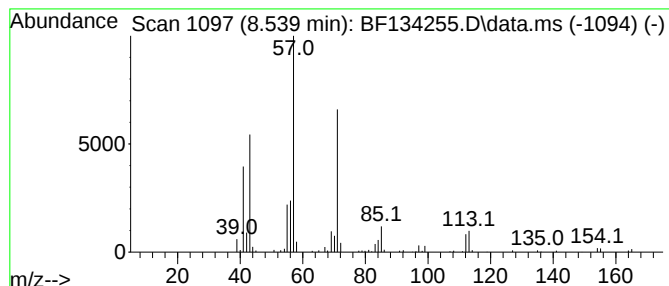
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Decane, 2,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	2.50 ng	99762	Naphthalene-d8	8.122

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	80
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



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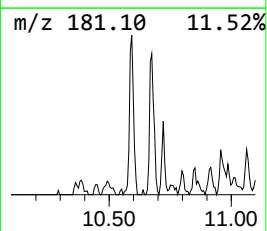
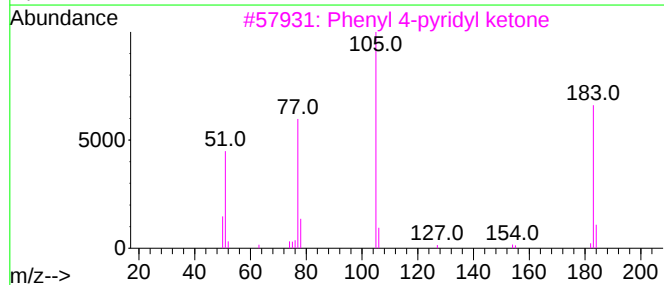
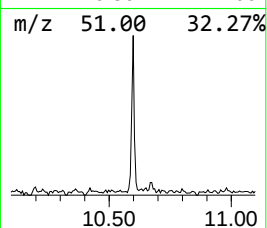
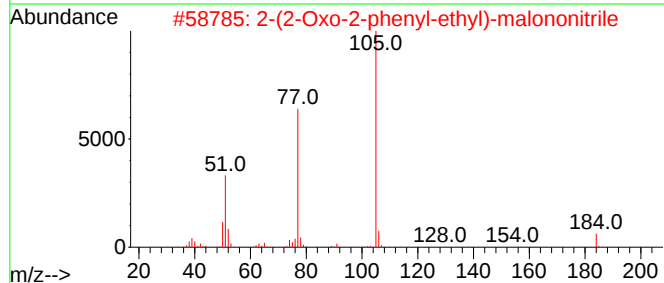
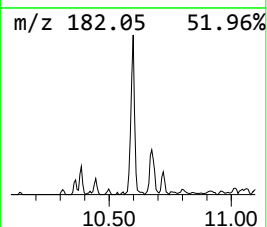
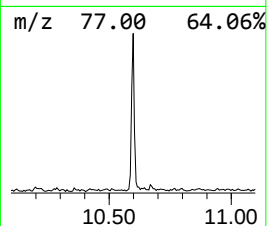
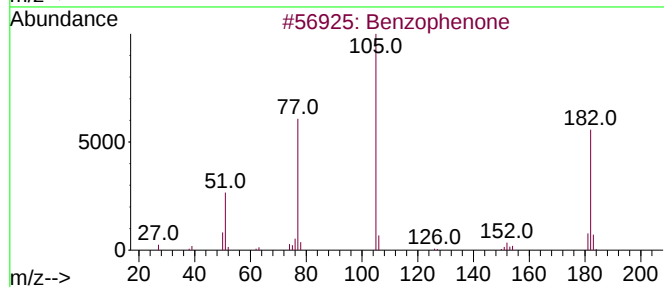
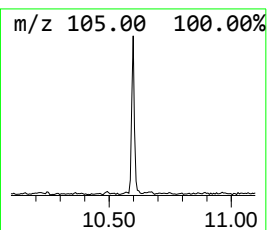
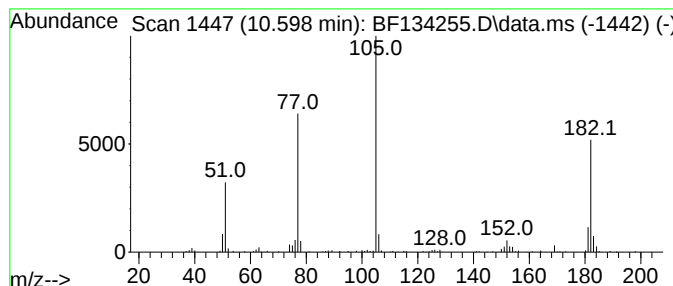
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	3.23 ng	133477	Acenaphthene-d10	9.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
3			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47
4			Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	47
5			Benzoic acid, 3,5-difluophenyl e...	234	C13H8F2O2	1000357-79-5	47



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Data File : BF134255.D
Acq On : 12 Jul 2023 19:47
Operator : CG\JU
Sample : 03555-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

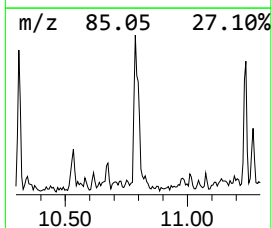
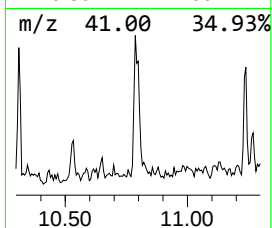
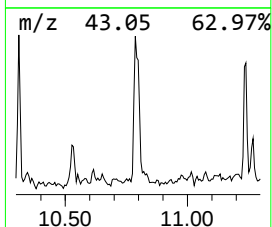
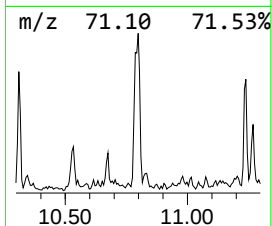
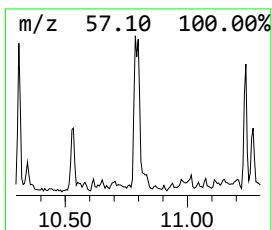
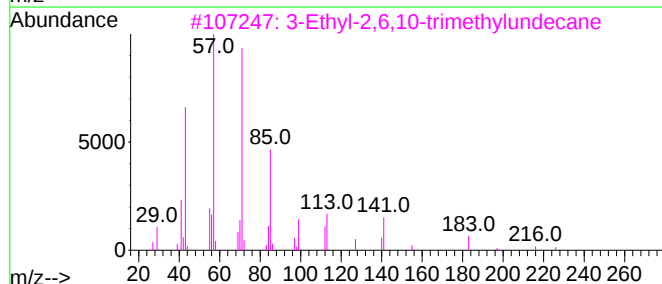
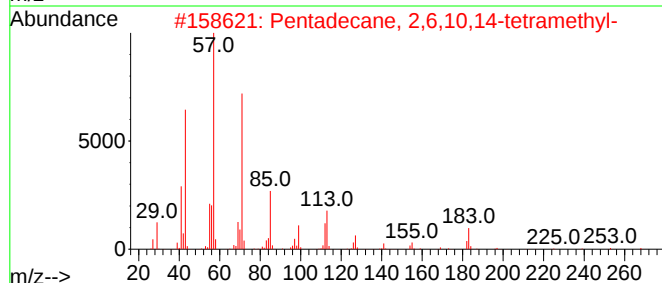
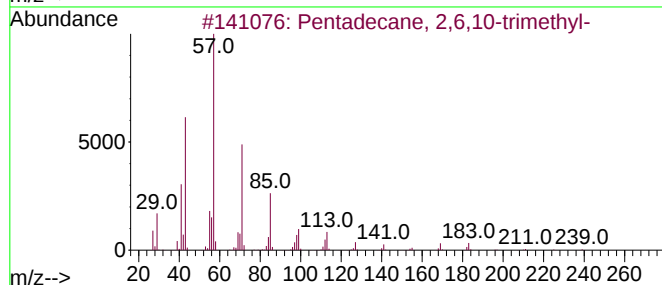
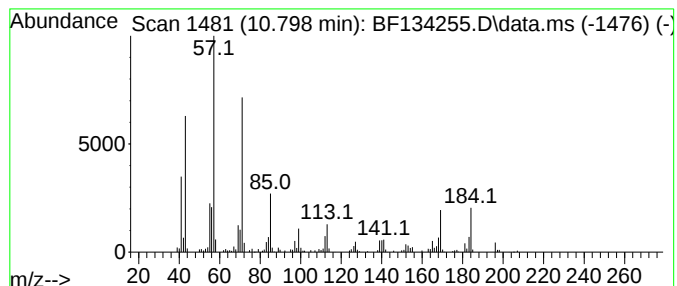
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	6.30 ng	214255	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	62
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	62
3			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	53
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	53
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134255.D
Acq On : 12 Jul 2023 19:47
Operator : CG\JU
Sample : 03555-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

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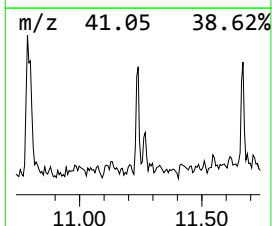
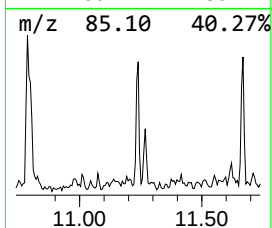
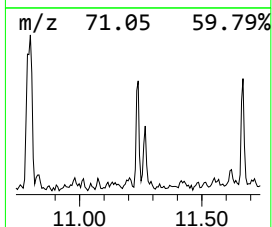
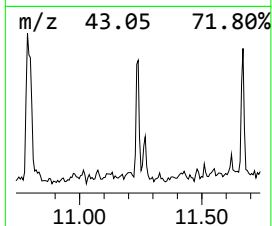
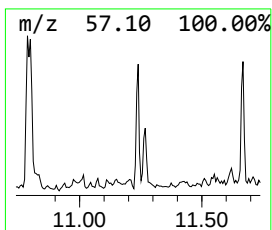
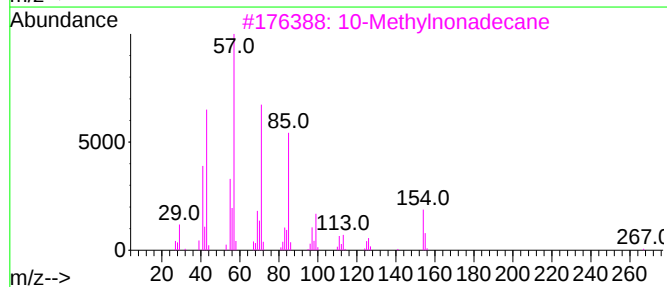
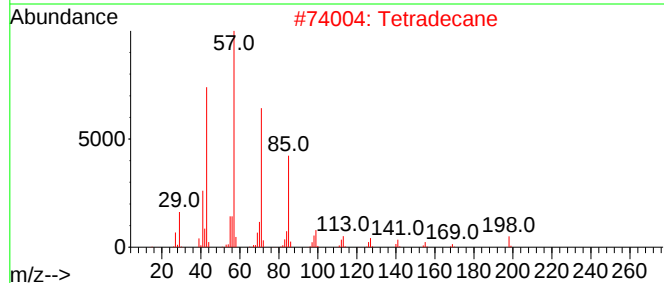
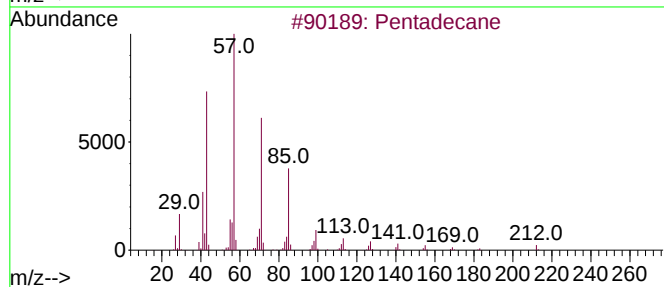
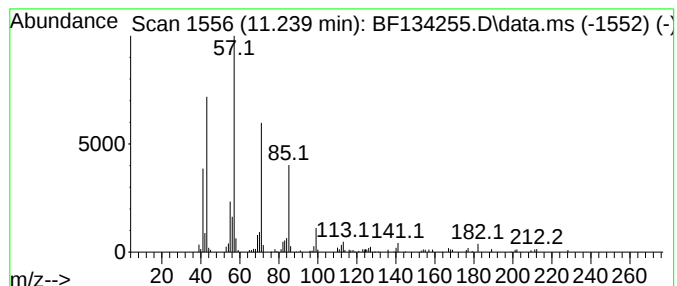
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.239	3.71 ng	126163	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Tetradecane	198	C14H30	000629-59-4	90
3			10-Methylnonadecane	282	C20H42	056862-62-5	86
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134255.D
Acq On : 12 Jul 2023 19:47
Operator : CG\JU
Sample : 03555-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

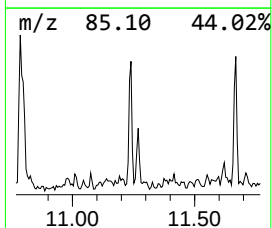
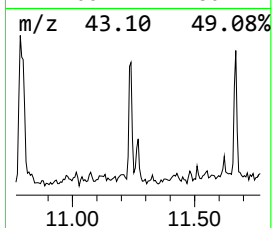
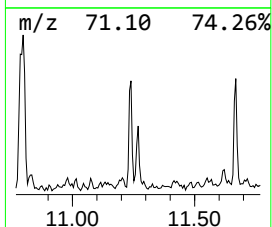
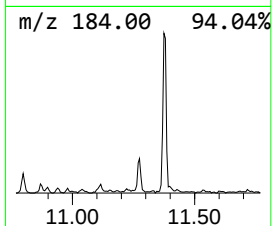
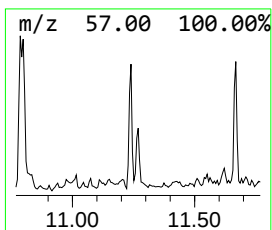
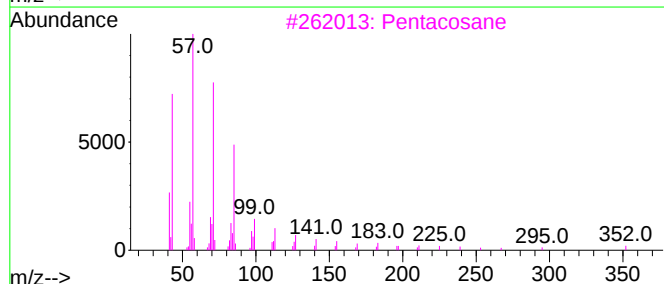
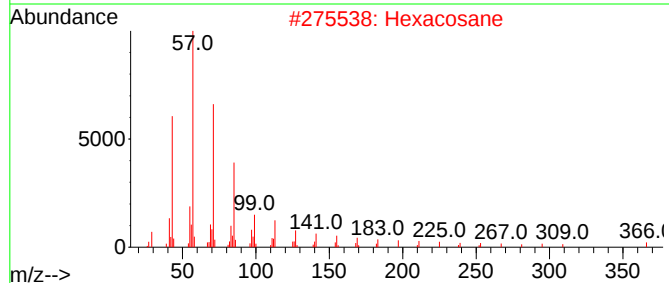
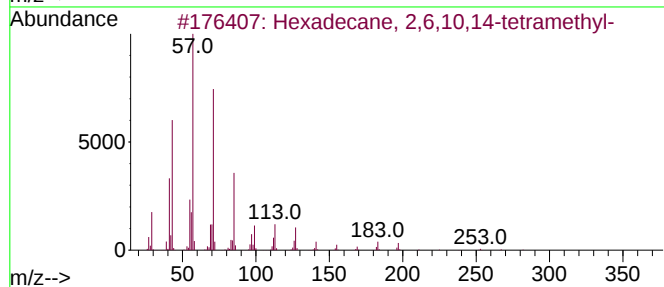
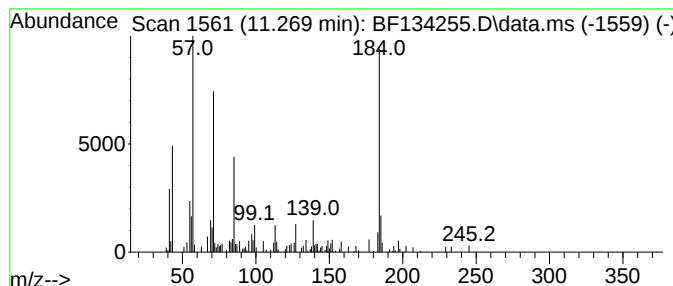
Instrument :
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ClientSampleId :
VNJ-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown11.269 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.269	2.26 ng	76797	Phenanthrene-d10	11.374	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
2	Hexacosane	366	C26H54	000630-01-3	46
3	Pentacosane	352	C25H52	000629-99-2	45
4	Hexadecane	226	C16H34	000544-76-3	45
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134255.D
Acq On : 12 Jul 2023 19:47
Operator : CG\JU
Sample : 03555-07
Misc :
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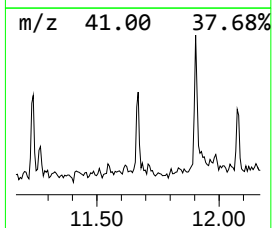
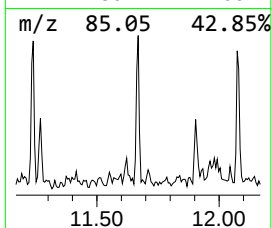
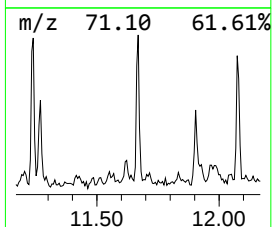
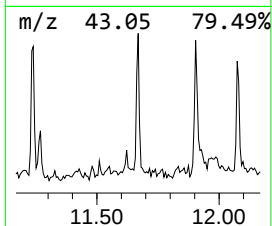
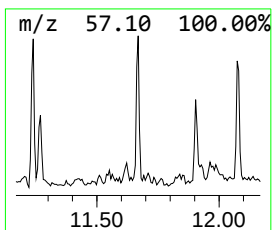
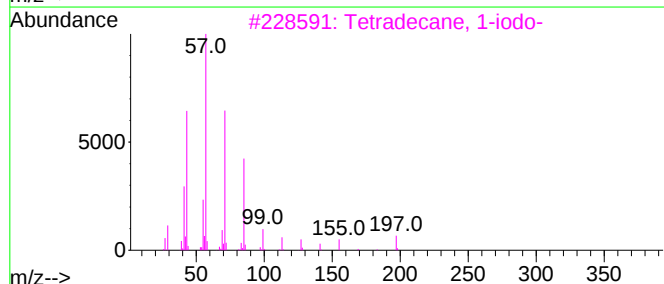
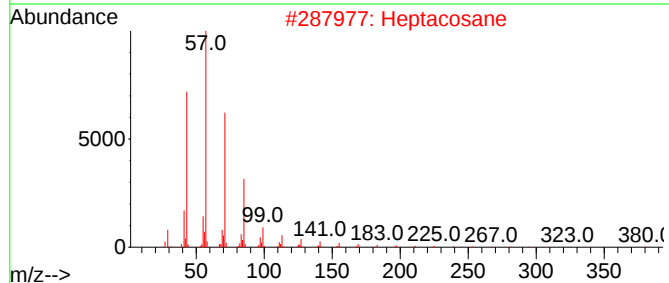
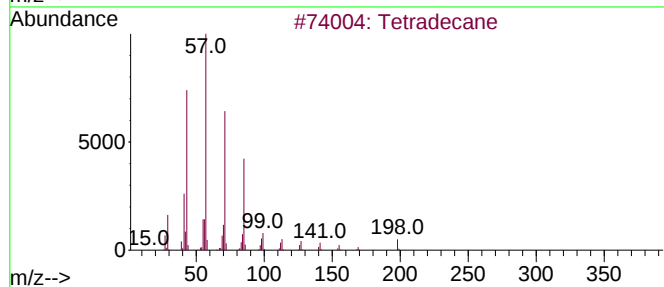
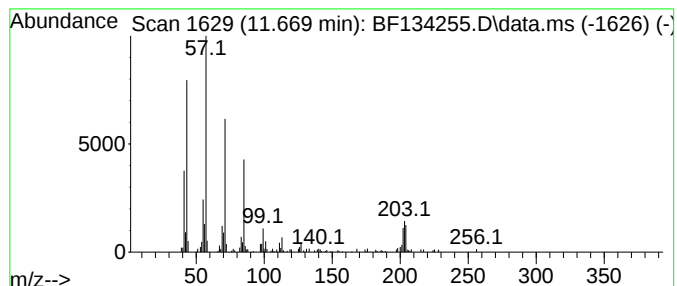
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.669	3.05 ng	103789	Phenanthrene-d10	11.374	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	76
2	Heptacosane	380	C27H56	000593-49-7	68
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	68
4	Octacosane	394	C28H58	000630-02-4	68
5	Nonadecane	268	C19H40	000629-92-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
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Acq On : 12 Jul 2023 19:47
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Sample : 03555-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

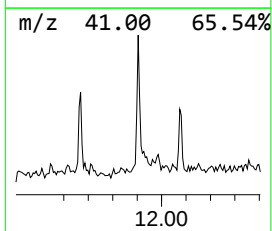
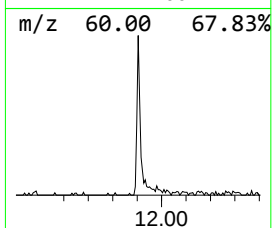
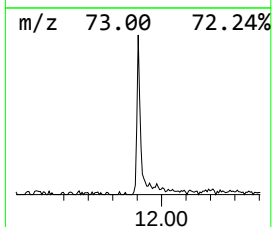
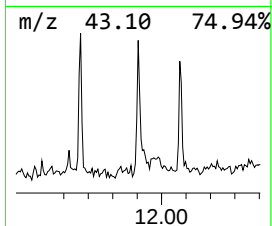
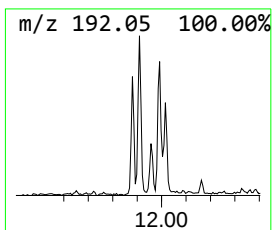
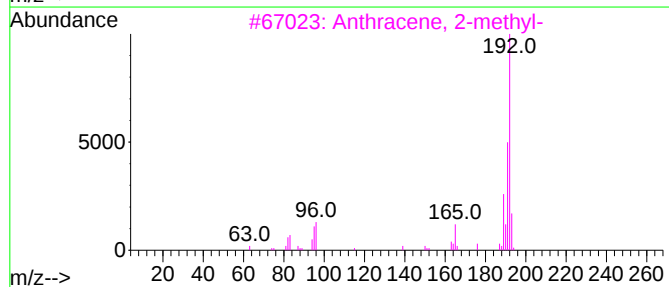
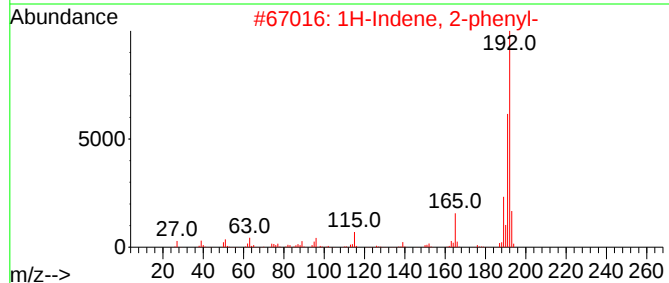
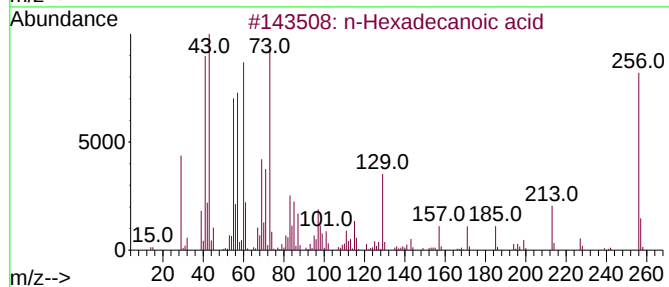
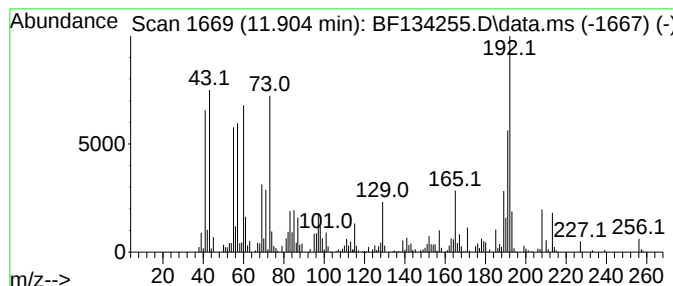
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.904	7.62 ng	259097	Phenanthrene-d10	11.374	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
5	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
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Acq On : 12 Jul 2023 19:47
Operator : CG\JU
Sample : 03555-07
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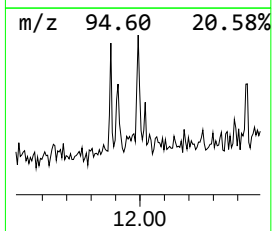
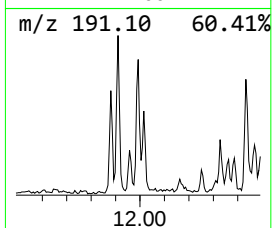
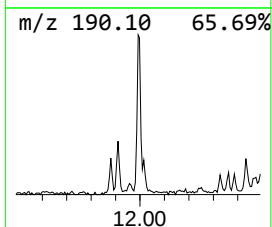
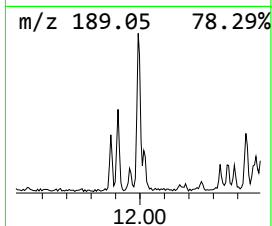
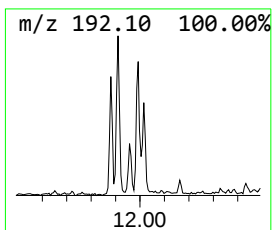
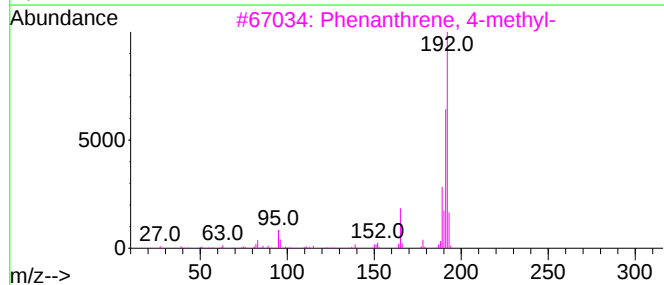
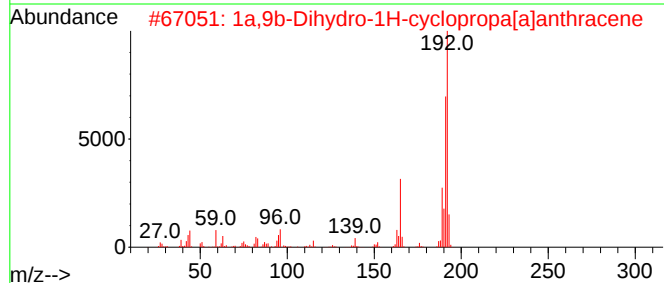
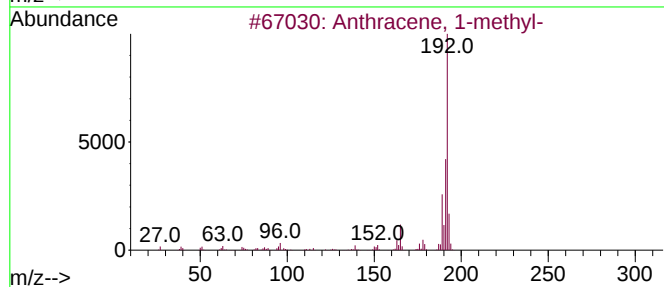
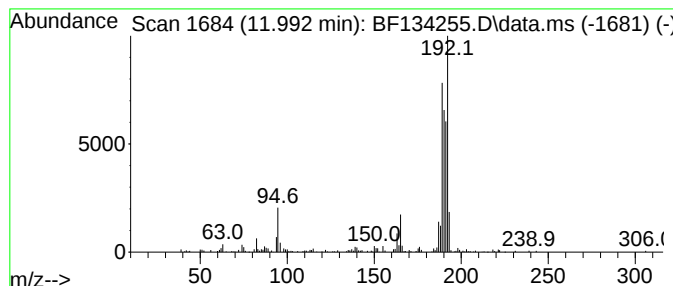
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.992	4.60 ng	156315	Phenanthrene-d10		11.374	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-		192	C15H12	000610-48-0	50
2	1a,9b-Dihydro-1H-cyclopropa[a]an...		192	C15H12	006109-24-6	46
3	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	46
4	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	46
5	1H-Indene, 1-phenyl-		192	C15H12	001961-96-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
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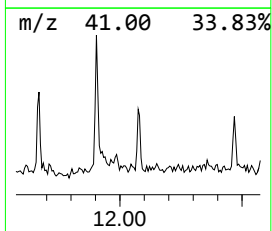
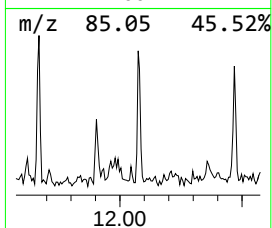
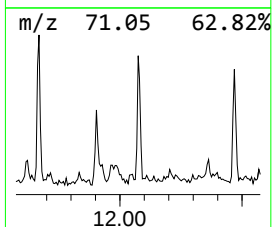
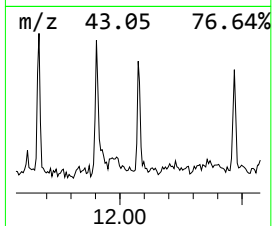
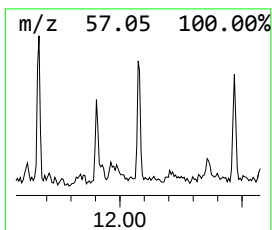
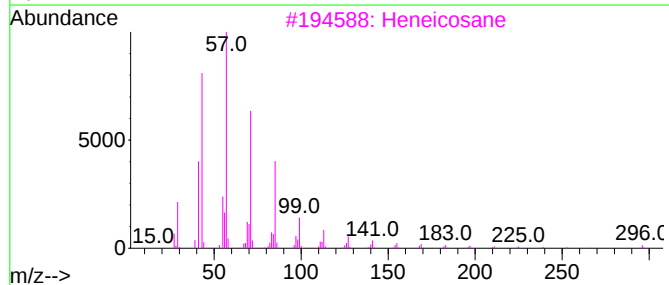
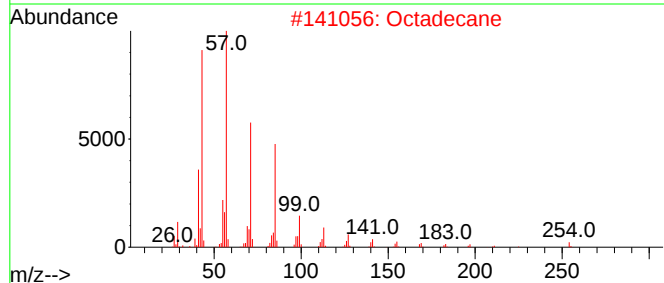
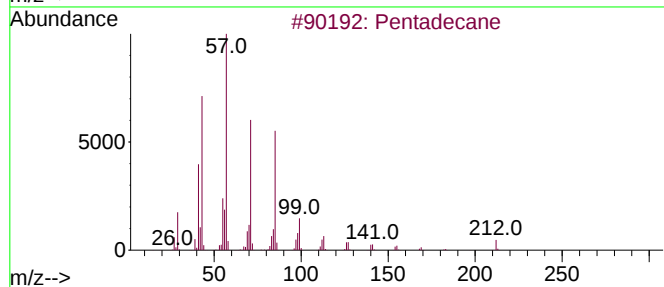
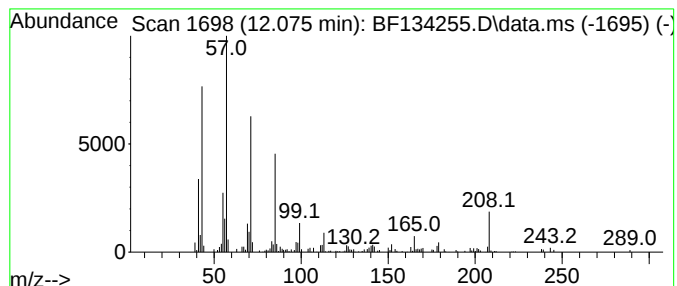
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.075	2.89 ng	98201	Phenanthrene-d10		11.374	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	81
2	Octadecane		254	C18H38	000593-45-3	74
3	Heneicosane		296	C21H44	000629-94-7	74
4	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	72
5	Tetracosane		338	C24H50	000646-31-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134255.D
Acq On : 12 Jul 2023 19:47
Operator : CG\JU
Sample : 03555-07
Misc :
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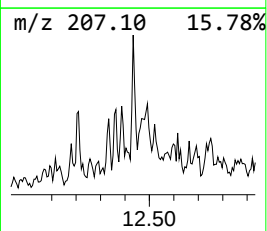
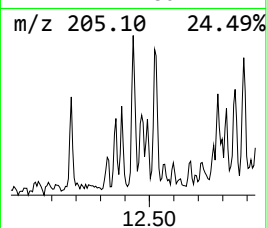
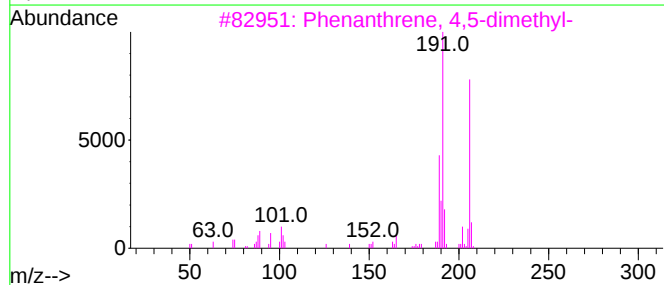
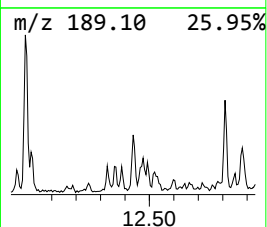
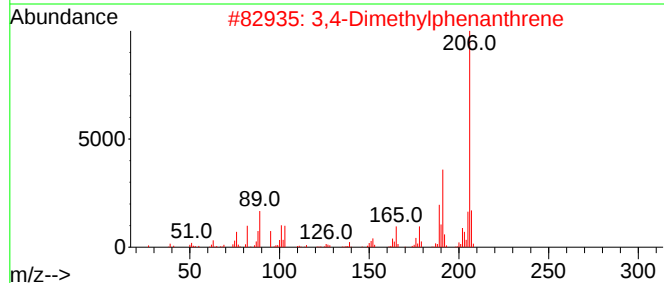
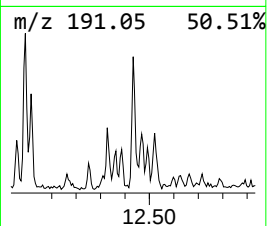
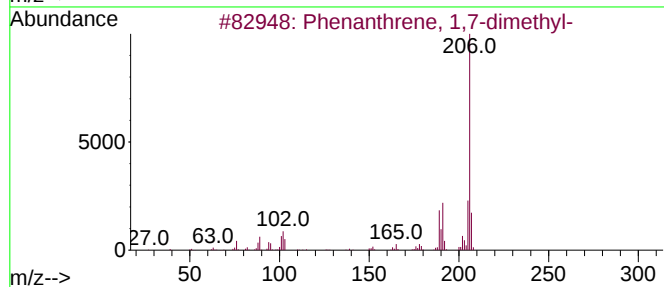
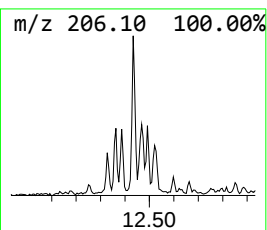
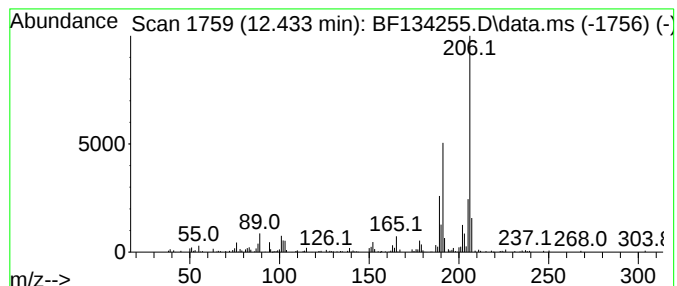
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.433	2.86 ng	97326	Phenanthrene-d10	11.374	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134255.D
Acq On : 12 Jul 2023 19:47
Operator : CG\JU
Sample : 03555-07
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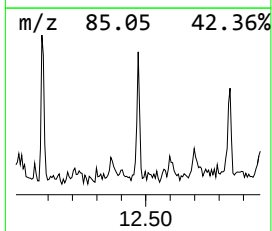
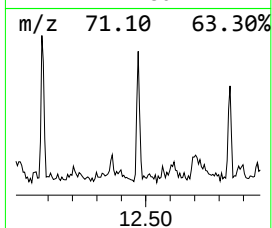
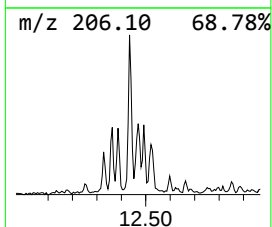
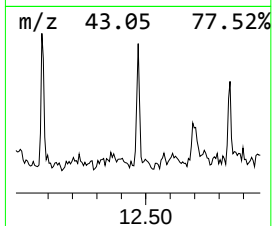
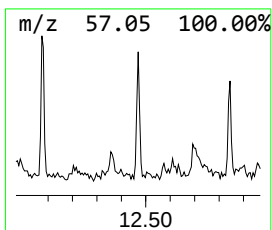
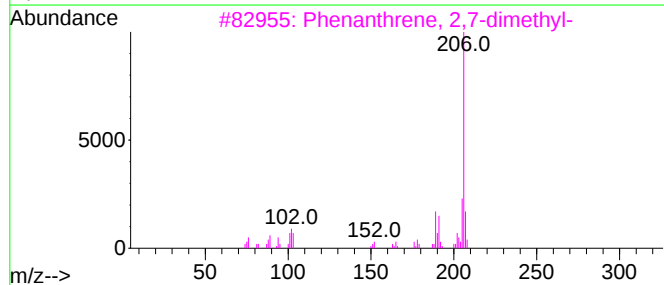
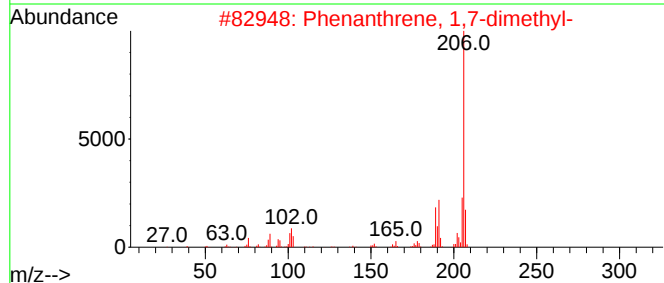
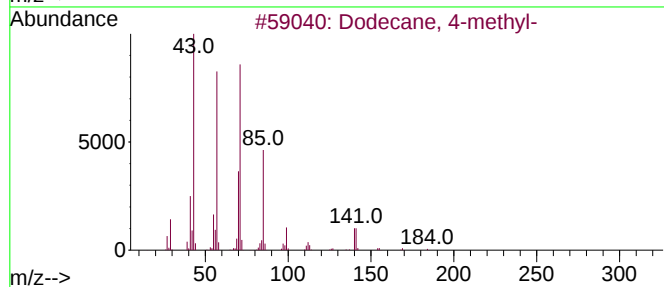
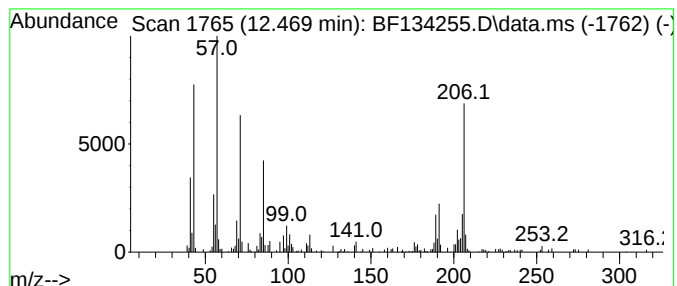
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.469 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	2.87 ng	97477	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	46
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	46
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	43
4			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	42
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134255.D
Acq On : 12 Jul 2023 19:47
Operator : CG\JU
Sample : 03555-07
Misc :
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ClientSampleId :
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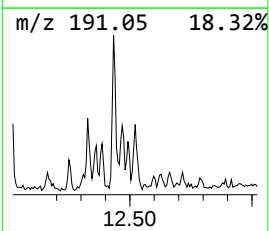
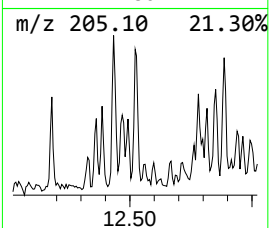
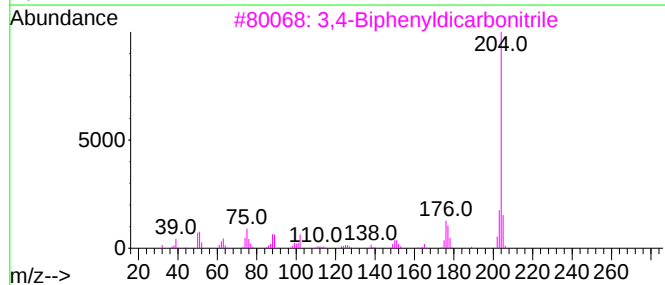
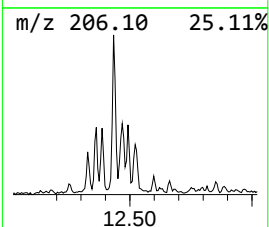
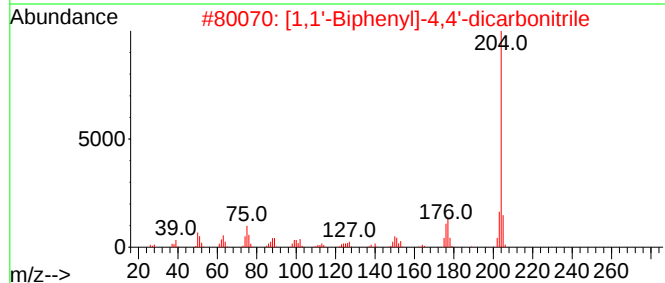
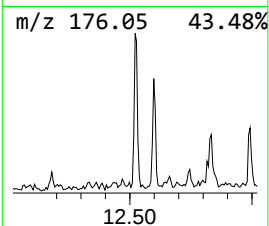
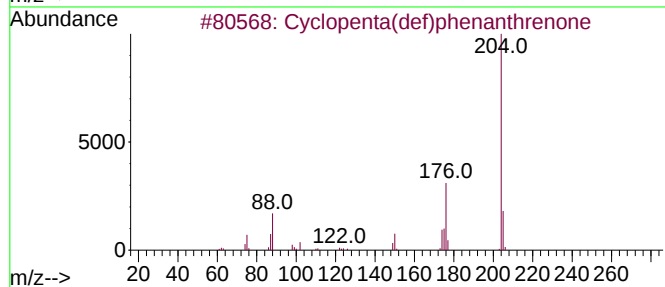
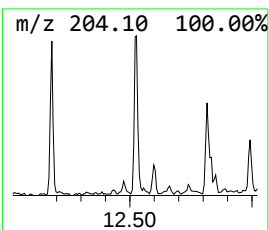
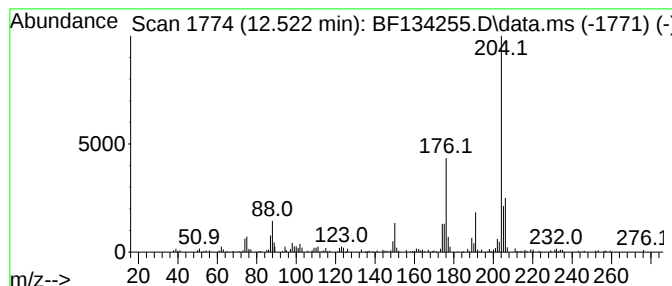
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	3.21 ng	109205	Phenanthrene-d10	11.374

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
5		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134255.D
Acq On : 12 Jul 2023 19:47
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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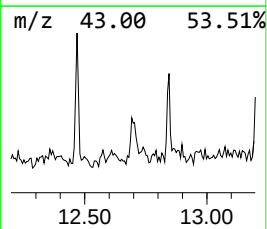
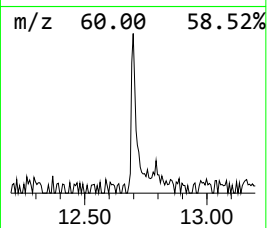
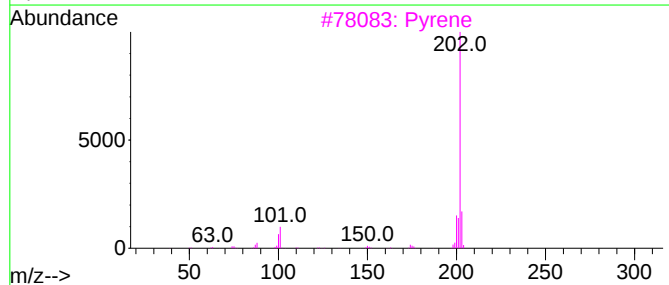
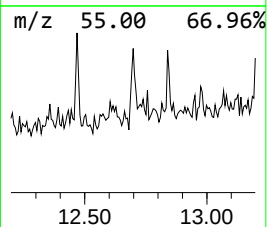
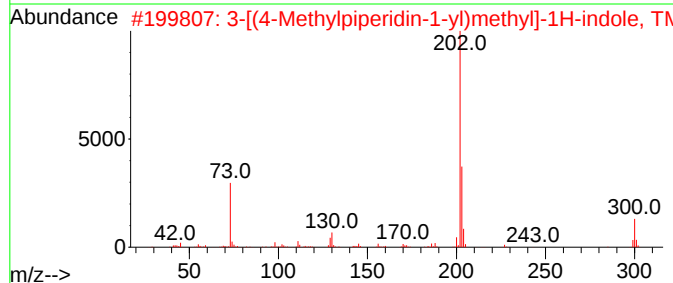
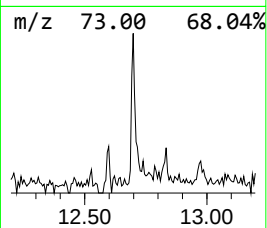
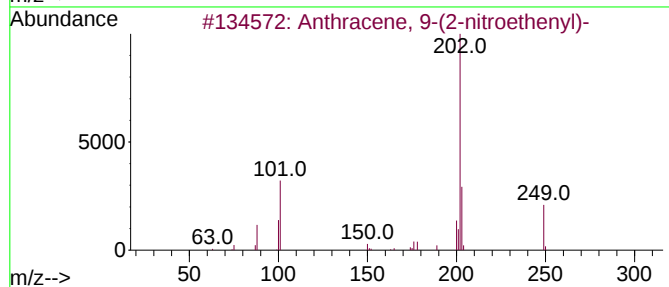
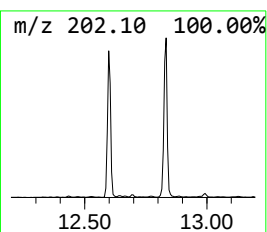
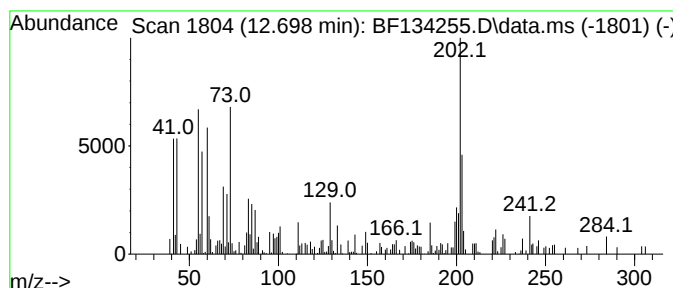
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.698 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	2.24 ng	76207	Phenanthrene-d10	11.374

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-(2-nitroethenyl)-	249	C16H11NO2	058349-77-2	38
2		3-[(4-Methylpiperidin-1-yl)methy...	300	C18H28N2Si	1000514-10-0	38
3		Pyrene	202	C16H10	000129-00-0	27
4		Octadecanoic acid	284	C18H36O2	000057-11-4	25
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134255.D
Acq On : 12 Jul 2023 19:47
Operator : CG\JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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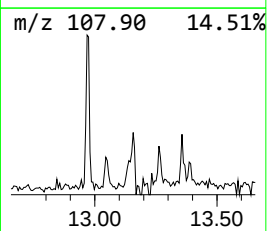
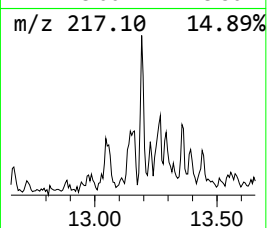
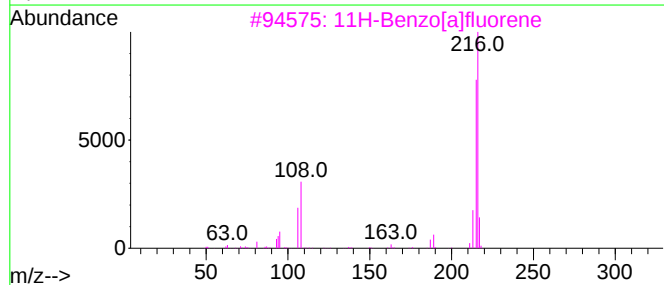
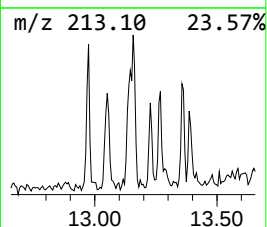
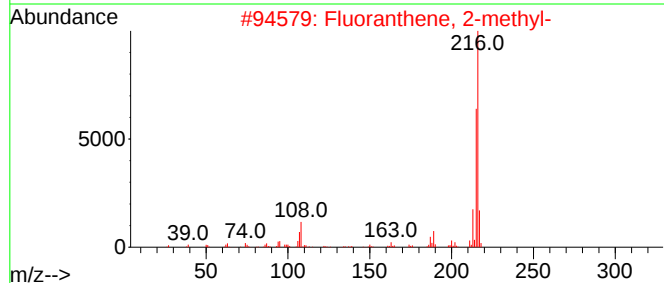
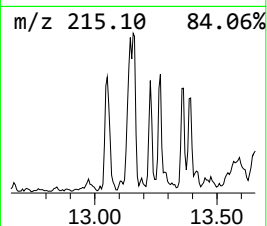
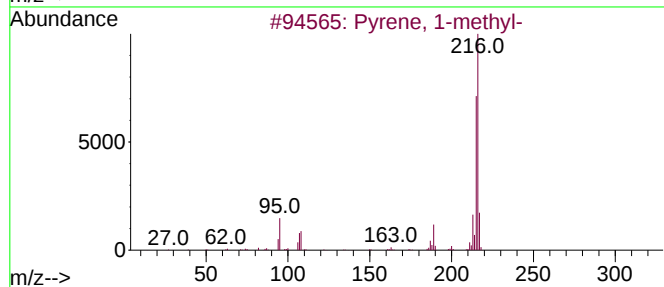
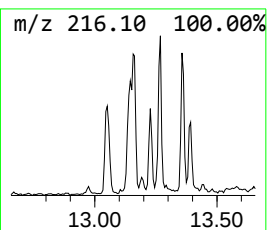
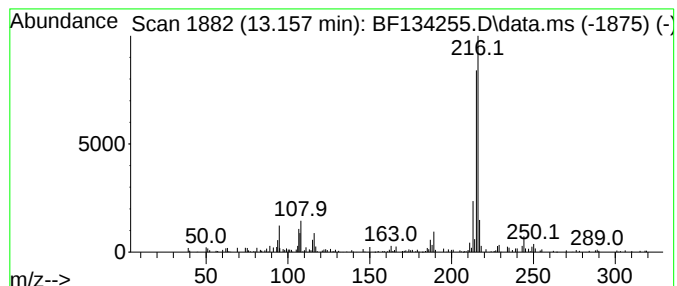
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	3.99 ng	232178	Chrysene-d12	14.039

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134255.D
Acq On : 12 Jul 2023 19:47
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
VNJ-203

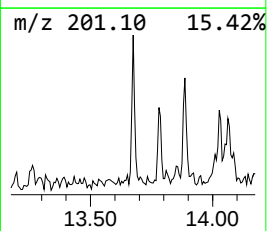
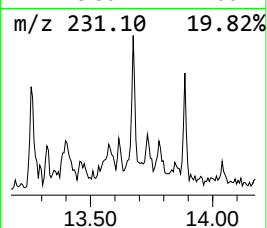
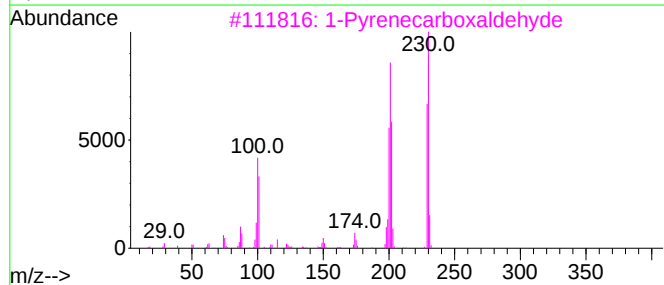
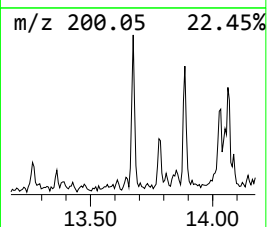
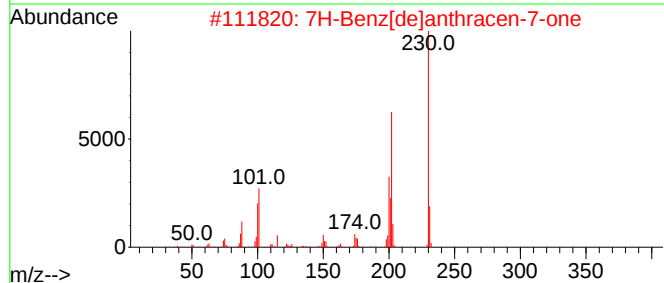
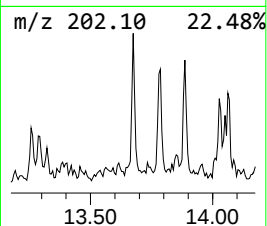
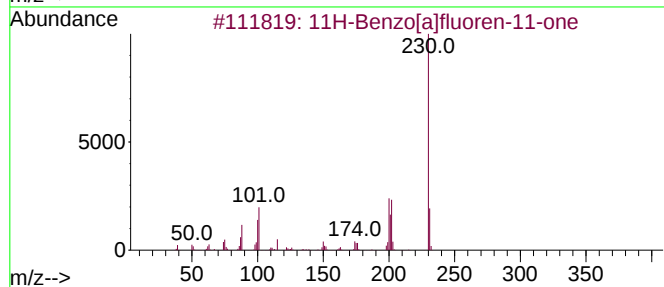
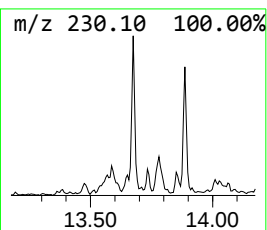
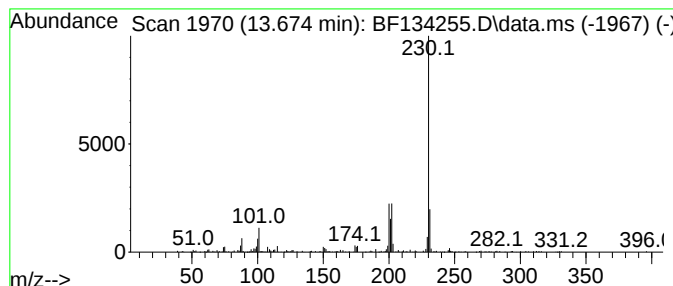
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.674	2.29 ng	133144	Chrysene-d12	14.039

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5		o-Terphenyl	230	C18H14	000084-15-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134255.D
Acq On : 12 Jul 2023 19:47
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ALS Vial : 19 Sample Multiplier: 1

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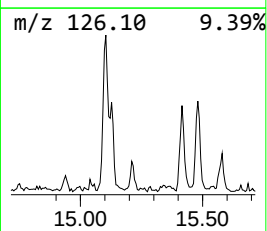
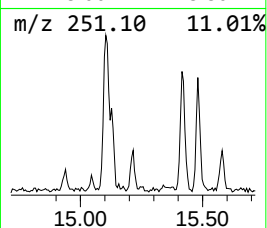
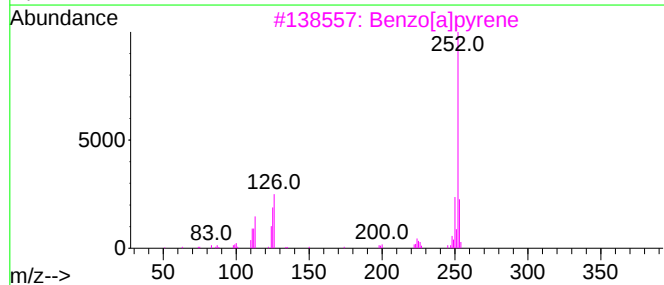
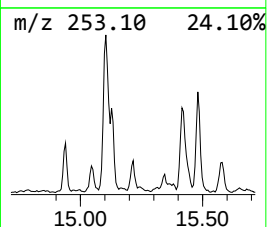
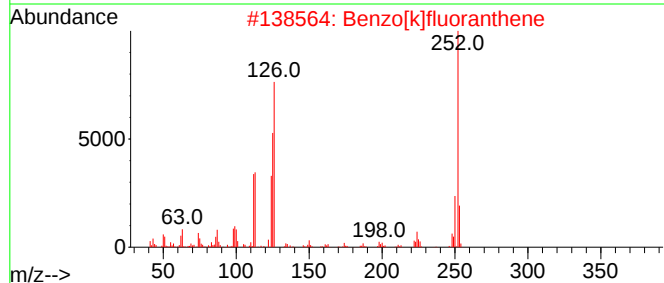
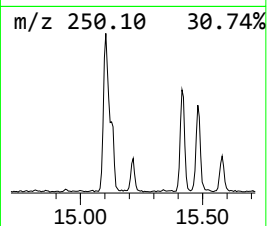
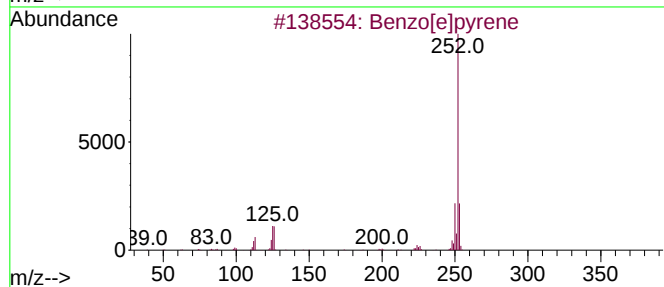
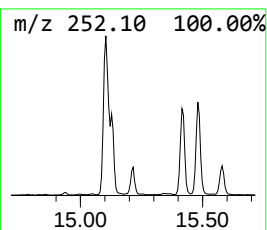
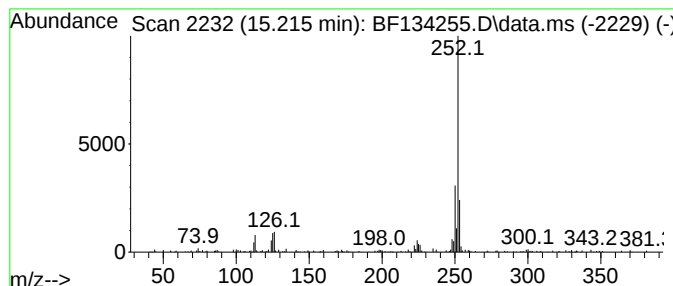
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	3.22 ng	72078	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
3			Benzo[a]pyrene	252	C20H12	000050-32-8	90
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134255.D
Acq On : 12 Jul 2023 19:47
Operator : CG\JU
Sample : 03555-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

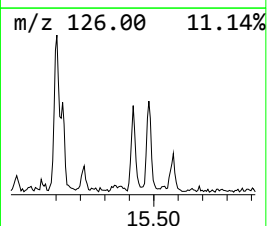
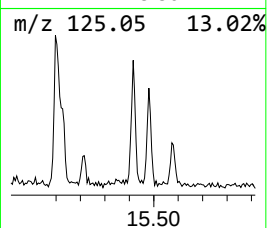
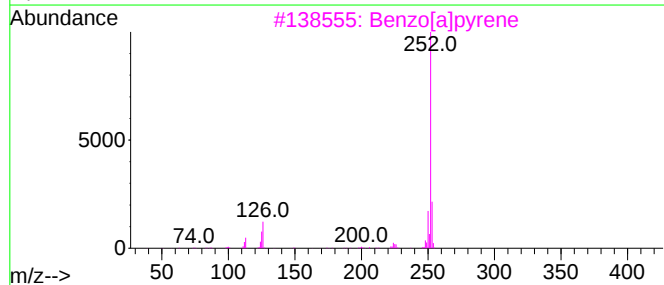
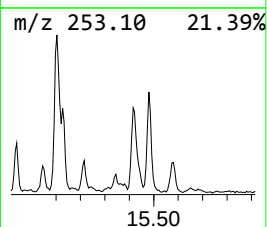
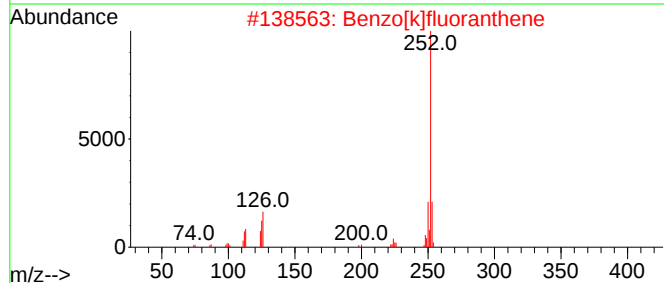
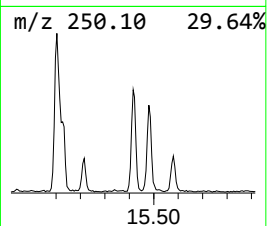
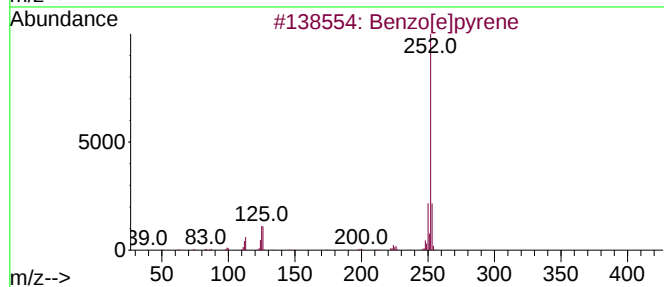
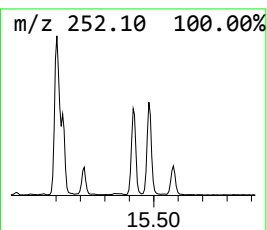
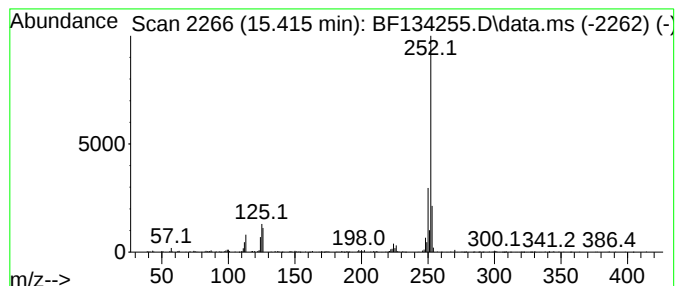
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	16.11 ng	360373	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Benzo[a]pyrene	252	C20H12	000050-32-8	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134255.D
 Acq On : 12 Jul 2023 19:47
 Operator : CG\JU
 Sample : 03555-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	6.675	3.0	ng	92068	1	6.845	607753	20.0
Decane, 2,6,7-t...	8.539	2.5	ng	99762	2	8.122	797609	20.0
Benzophenone	10.598	3.2	ng	133477	3	9.881	827031	20.0
Pentadecane, 2,...	10.798	6.3	ng	214255	4	11.374	680265	20.0
Pentadecane	11.239	3.7	ng	126163	4	11.374	680265	20.0
unknown11.269	11.269	2.3	ng	76797	4	11.374	680265	20.0
Tetradecane	11.669	3.0	ng	103789	4	11.374	680265	20.0
n-Hexadecanoic ...	11.904	7.6	ng	259097	4	11.374	680265	20.0
Anthracene, 1-m...	11.992	4.6	ng	156315	4	11.374	680265	20.0
Octadecane	12.075	2.9	ng	98201	4	11.374	680265	20.0
Phenanthrene, 1...	12.433	2.9	ng	97326	4	11.374	680265	20.0
unknown12.469	12.469	2.9	ng	97477	4	11.374	680265	20.0
Cyclopenta(def)...	12.522	3.2	ng	109205	4	11.374	680265	20.0
unknown12.698	12.698	2.2	ng	76207	4	11.374	680265	20.0
Pyrene, 1-methyl-	13.157	4.0	ng	232178	5	14.039	1163730	20.0
11H-Benzo[a]flu...	13.674	2.3	ng	133144	5	14.039	1163730	20.0
Benzo[e]pyrene	15.216	3.2	ng	72078	6	15.545	447468	20.0
Benzo[j]fluoran...	15.416	16.1	ng	360373	6	15.545	447468	20.0