

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134739.D
 Acq On : 11 Aug 2023 18:42
 Operator : CG\JU
 Sample : 03974-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-081023

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-BF080123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134739.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	563	567	571	rBV	1698792	1605295	26.74%	2.017%
2	6.428	734	738	741	rBV	1784983	1521753	25.35%	1.912%
3	6.798	797	801	804	rBV	1487765	1160954	19.34%	1.459%
4	7.357	892	896	899	rBV	1168598	932379	15.53%	1.172%
5	8.075	1013	1018	1021	rVV	1672874	1620228	26.99%	2.036%
6	8.098	1021	1022	1025	rVV	202958	136705	2.28%	0.172%
7	8.669	1116	1119	1122	rBV3	199910	188463	3.14%	0.237%
8	8.898	1153	1158	1161	rBV2	165848	248937	4.15%	0.313%
9	9.104	1190	1193	1198	rBV3	138007	162304	2.70%	0.204%
10	9.151	1198	1201	1206	rVB	2111885	1734487	28.89%	2.180%
11	9.239	1211	1216	1220	rBV2	355933	409851	6.83%	0.515%
12	9.492	1257	1259	1261	rVV2	211854	189588	3.16%	0.238%
13	9.516	1261	1263	1265	rVV2	196774	156284	2.60%	0.196%
14	9.557	1265	1270	1272	rVV4	337751	367712	6.12%	0.462%
15	9.580	1272	1274	1277	rVV3	177159	180354	3.00%	0.227%
16	9.616	1277	1280	1283	rVB2	178459	196297	3.27%	0.247%
17	9.692	1290	1293	1298	rBV	302253	263339	4.39%	0.331%
18	9.769	1304	1306	1310	rVB	544699	394225	6.57%	0.495%
19	9.833	1310	1317	1320	rBV	1682983	1521774	25.35%	1.912%
20	9.863	1320	1322	1325	rVB	430828	352385	5.87%	0.443%
21	10.033	1348	1351	1357	rVV2	357089	454317	7.57%	0.571%
22	10.092	1359	1361	1364	rVV2	180561	185702	3.09%	0.233%
23	10.151	1368	1371	1374	rVV3	123340	157875	2.63%	0.198%
24	10.269	1388	1391	1394	rVV	697133	588175	9.80%	0.739%
25	10.380	1407	1410	1416	rBV	672730	644369	10.73%	0.810%
26	10.492	1426	1429	1431	rVV	406629	393714	6.56%	0.495%
27	10.539	1434	1437	1441	rVB3	220332	218337	3.64%	0.274%
28	10.622	1446	1451	1455	rVV	1103779	1084674	18.07%	1.363%
29	10.657	1455	1457	1463	rVB5	77008	139249	2.32%	0.175%
30	10.745	1469	1472	1480	rVB	923217	1124210	18.73%	1.413%
31	10.933	1501	1504	1506	rBV2	149708	142341	2.37%	0.179%
32	10.957	1506	1508	1514	rVB5	162767	203595	3.39%	0.256%
33	11.127	1534	1537	1541	rVB2	150276	153891	2.56%	0.193%
34	11.169	1541	1544	1546	rVV2	123723	145914	2.43%	0.183%
35	11.198	1546	1549	1551	rVV	737601	691765	11.52%	0.869%
36	11.222	1551	1553	1560	rVB2	447264	520143	8.66%	0.654%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.322	1567	1570	1572	rBV	1239127	1163262	19.38%	1.462%
38	11.351	1572	1575	1578	rVV	3519198	3001181	49.99%	3.771%
39	11.398	1580	1583	1586	rVV	1364212	1099902	18.32%	1.382%
40	11.433	1586	1589	1592	rVV3	125441	162155	2.70%	0.204%
41	11.551	1607	1609	1611	rVV	199022	189615	3.16%	0.238%
42	11.574	1611	1613	1618	rVV4	142090	164292	2.74%	0.206%
43	11.622	1618	1621	1624	rVV	753512	630860	10.51%	0.793%
44	11.651	1624	1626	1632	rVB3	123925	158134	2.63%	0.199%
45	11.727	1636	1639	1644	rVB2	218690	256883	4.28%	0.323%
46	11.827	1653	1656	1658	rVV	531899	460714	7.67%	0.579%
47	11.857	1658	1661	1665	rVV2	1175774	1325952	22.09%	1.666%
48	11.904	1666	1669	1671	rVV	331370	314486	5.24%	0.395%
49	11.939	1671	1675	1677	rVV	1140020	1132642	18.87%	1.423%
50	11.957	1677	1678	1684	rVB	406199	335834	5.59%	0.422%
51	12.033	1688	1691	1694	rBV	575222	437020	7.28%	0.549%
52	12.122	1704	1706	1708	rBV	432745	324150	5.40%	0.407%
53	12.145	1708	1710	1713	rVB3	169909	145582	2.42%	0.183%
54	12.269	1726	1731	1734	rBV3	141972	214693	3.58%	0.270%
55	12.304	1734	1737	1739	rBV	152031	143562	2.39%	0.180%
56	12.380	1746	1750	1753	rBV	353177	423272	7.05%	0.532%
57	12.416	1753	1756	1758	rVV2	746002	977490	16.28%	1.228%
58	12.463	1762	1764	1769	rVB2	371646	384086	6.40%	0.483%
59	12.545	1772	1778	1781	rBV	4972936	6003696	100.00%	7.545%
60	12.580	1781	1784	1791	rVV3	2110785	2608560	43.45%	3.278%
61	12.633	1791	1793	1794	rVV	163689	139625	2.33%	0.175%
62	12.651	1794	1796	1800	rVV3	415655	463875	7.73%	0.583%
63	12.692	1800	1803	1807	rVV	221631	269711	4.49%	0.339%
64	12.774	1811	1817	1820	rBV2	4328141	5830539	97.12%	7.327%
65	12.816	1823	1824	1830	rVB2	259491	297019	4.95%	0.373%
66	12.892	1833	1837	1838	rBV	375577	388717	6.47%	0.488%
67	12.916	1838	1841	1848	rVB	1782684	1777630	29.61%	2.234%
68	12.992	1848	1854	1857	rBV2	463468	779885	12.99%	0.980%
69	13.074	1865	1868	1870	rBV3	355207	433159	7.21%	0.544%
70	13.098	1870	1872	1876	rVB	1071713	961135	16.01%	1.208%
71	13.168	1879	1884	1886	rBV2	993611	1021659	17.02%	1.284%
72	13.204	1886	1890	1892	rBV2	682308	647366	10.78%	0.814%
73	13.227	1892	1894	1898	rVB	159293	158279	2.64%	0.199%
74	13.298	1903	1906	1908	rVB	332418	297708	4.96%	0.374%
75	13.327	1908	1911	1915	rBV2	437415	473367	7.88%	0.595%
76	13.410	1922	1925	1929	rVB4	370739	372343	6.20%	0.468%

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77	13.504	1938	1941	1943	rBV	197114	173335	2.89%	0.218%
78	13.586	1952	1955	1956	rBV2	192615	190296	3.17%	0.239%
79	13.610	1956	1959	1963	rVB	389903	456411	7.60%	0.574%
80	13.721	1974	1978	1980	rBV3	508187	572421	9.53%	0.719%
81	13.751	1980	1983	1985	rVV	520493	515738	8.59%	0.648%
82	13.774	1985	1987	1992	rVV2	454659	640840	10.67%	0.805%
83	13.816	1992	1994	2001	rVB2	359834	505260	8.42%	0.635%
84	13.968	2013	2020	2024	rBV2	3122942	4808971	80.10%	6.043%
85	14.004	2024	2026	2031	rVB	2682251	2314661	38.55%	2.909%
86	14.080	2036	2039	2041	rVB	681934	509941	8.49%	0.641%
87	14.115	2043	2045	2047	rBV	196971	153854	2.56%	0.193%
88	14.363	2084	2087	2090	rVV	583109	564926	9.41%	0.710%
89	14.392	2090	2092	2095	rVB	277571	254781	4.24%	0.320%
90	14.457	2100	2103	2105	rVV2	434038	465709	7.76%	0.585%
91	14.486	2105	2108	2110	rVV	313948	334617	5.57%	0.421%
92	14.510	2110	2112	2115	rVB2	315756	268773	4.48%	0.338%
93	15.021	2194	2199	2202	rBV	1761883	2910398	48.48%	3.657%
94	15.127	2214	2217	2221	rVB	443077	475203	7.92%	0.597%
95	15.321	2246	2250	2256	rVB	981800	1352796	22.53%	1.700%
96	15.392	2257	2262	2267	rBV	1522542	1966875	32.76%	2.472%
97	15.451	2268	2272	2274	rVV	526066	680990	11.34%	0.856%
98	15.480	2274	2277	2284	rVB2	492943	685823	11.42%	0.862%
99	16.945	2520	2526	2534	rVB2	594084	1257211	20.94%	1.580%
100	17.398	2597	2603	2613	rVB	437798	954521	15.90%	1.200%

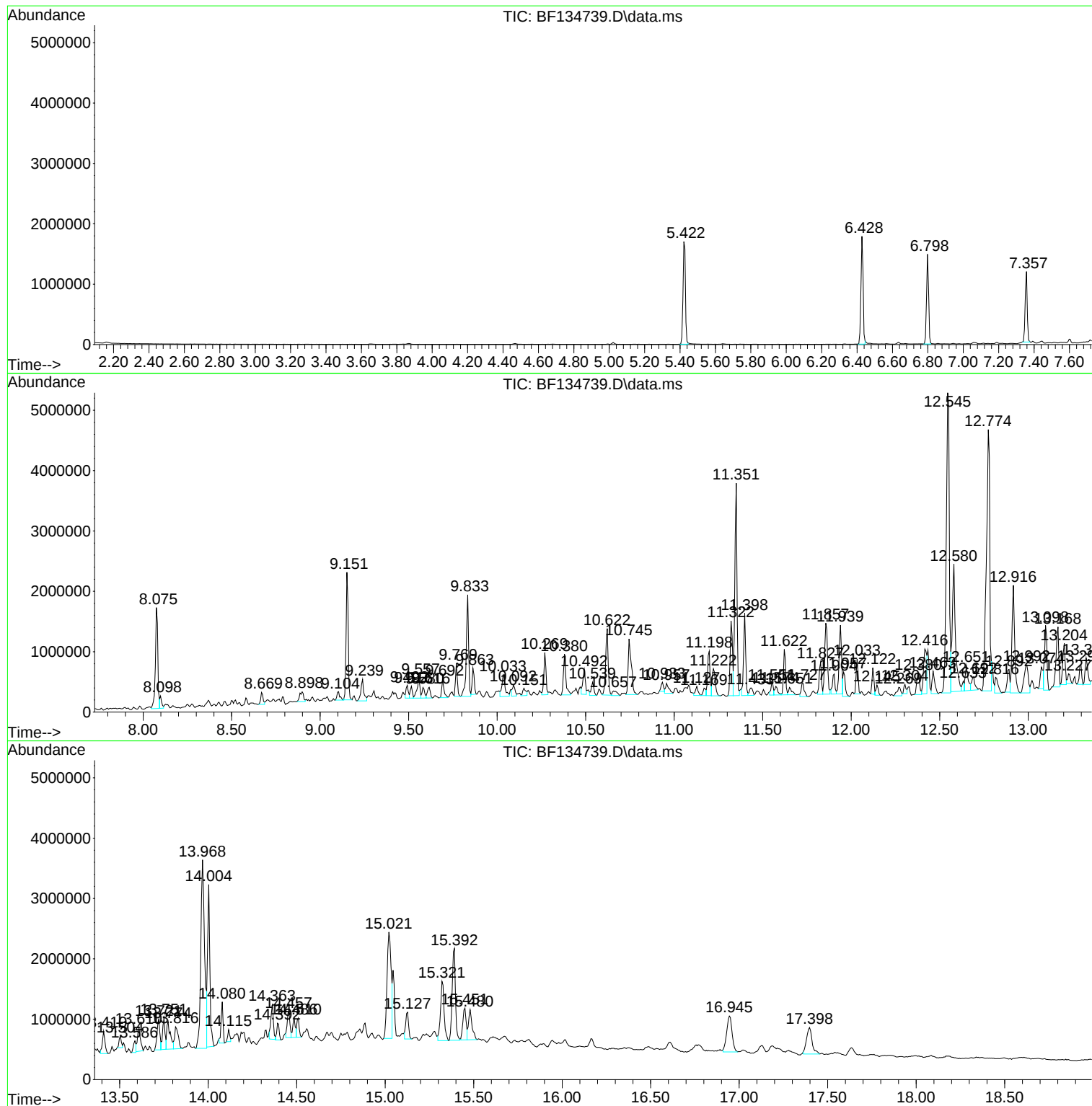
Sum of corrected areas: 79575976

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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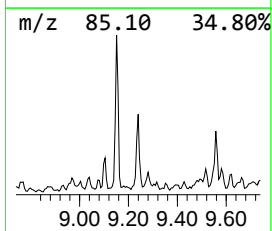
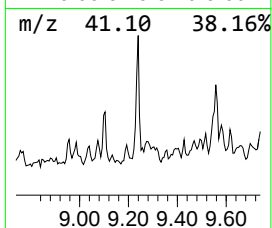
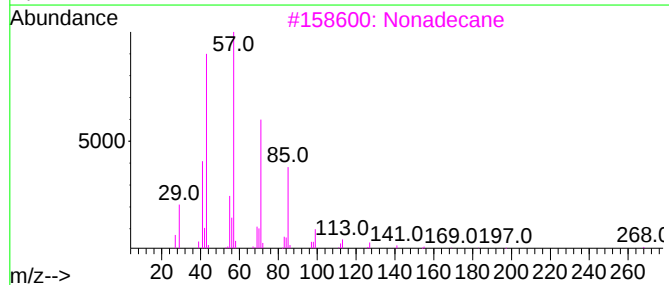
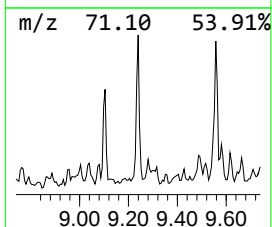
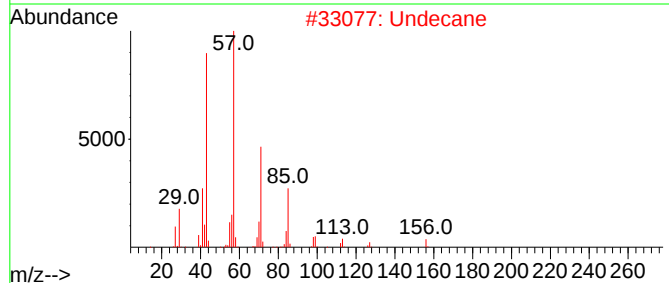
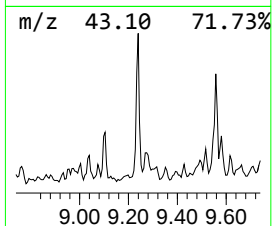
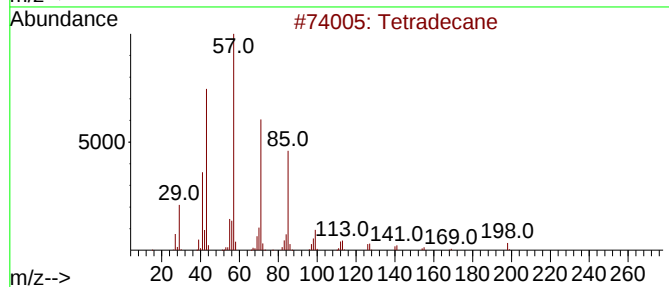
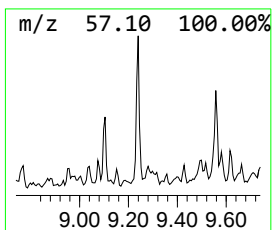
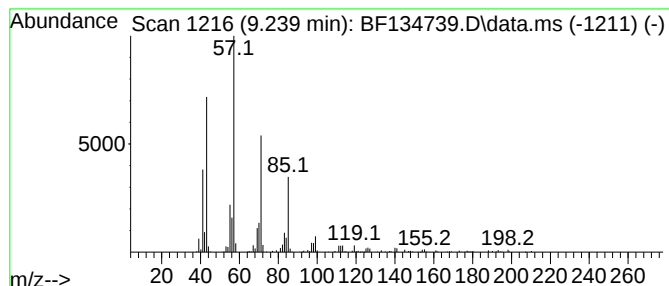
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.239	5.39 ng	409851	Acenaphthene-d10	9.833

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	93
2		Undecane	156	C11H24	001120-21-4	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
5		Hexadecane	226	C16H34	000544-76-3	86



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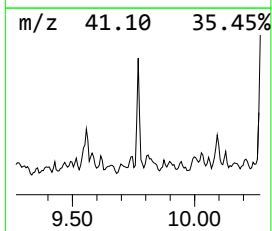
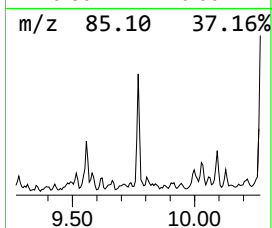
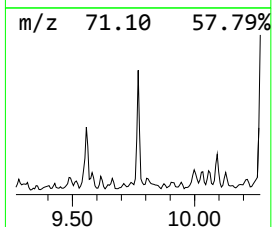
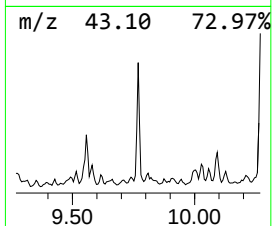
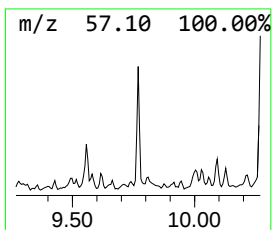
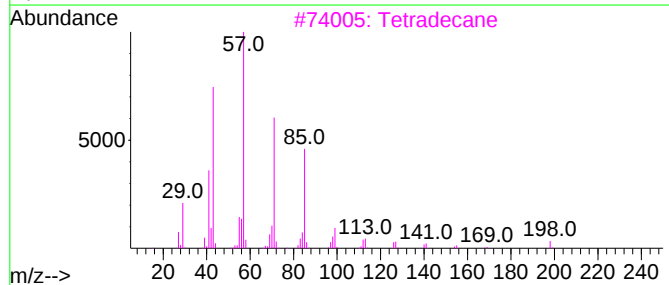
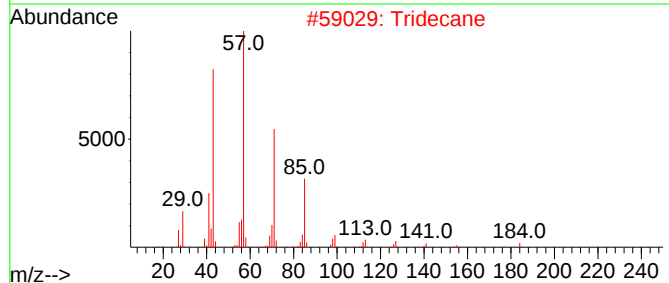
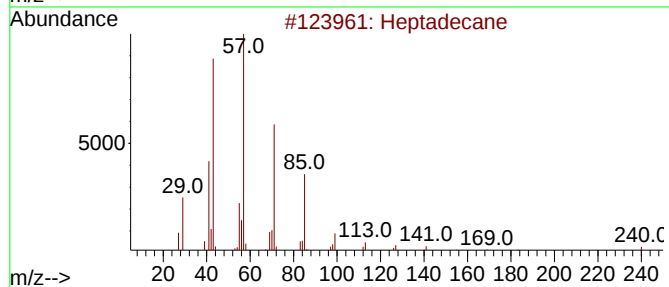
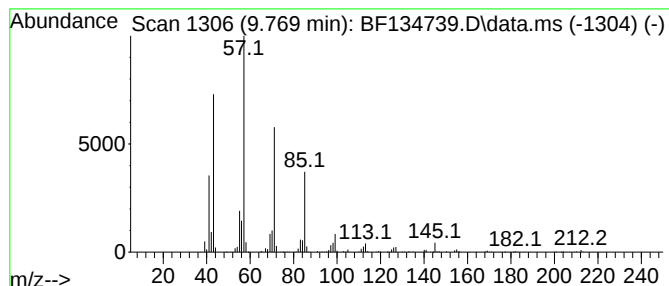
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	5.18 ng	394225	Acenaphthene-d10	9.833

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	90
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5		Hexadecane	226	C16H34	000544-76-3	86



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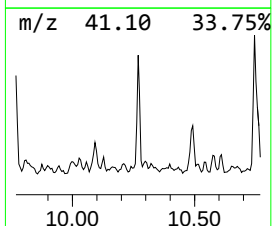
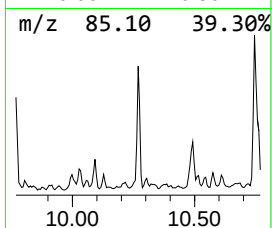
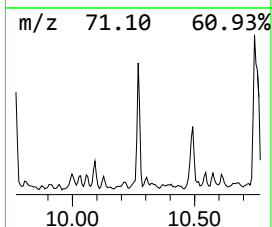
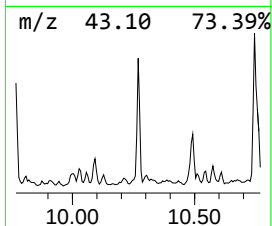
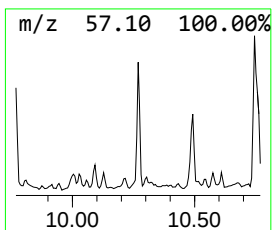
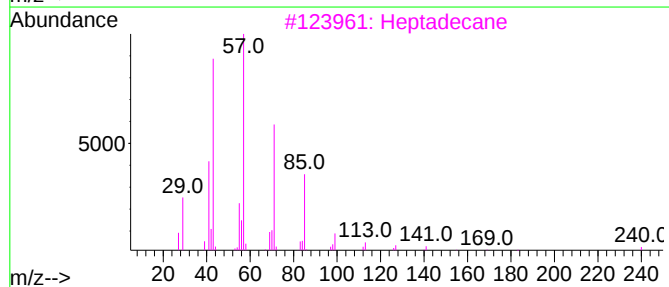
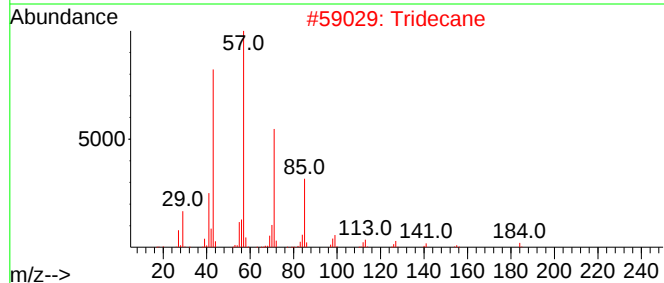
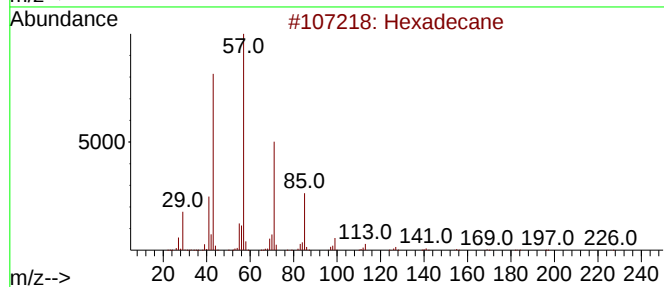
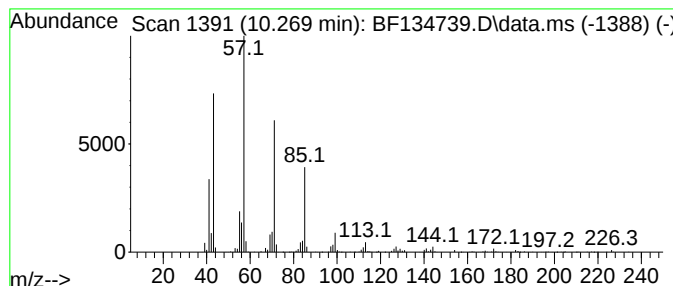
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	7.73 ng	588175	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Tridecane	184	C13H28	000629-50-5	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
Operator : CG\JU
Sample : 03974-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-081023

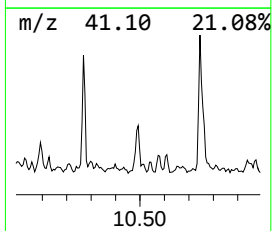
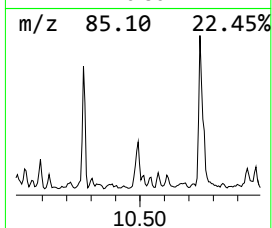
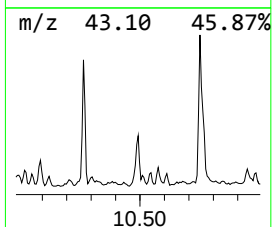
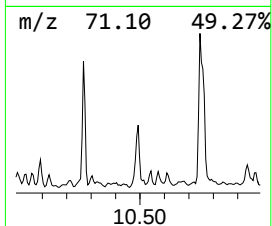
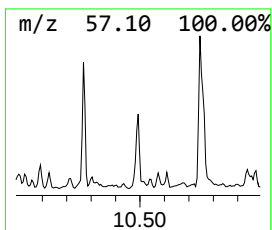
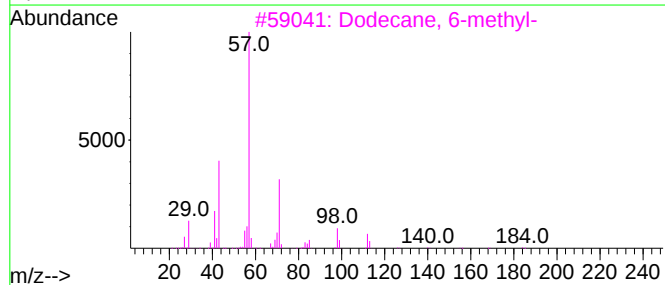
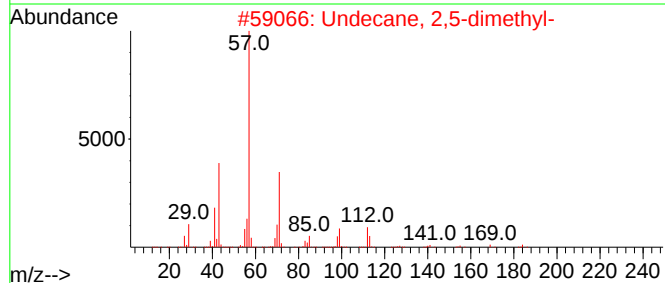
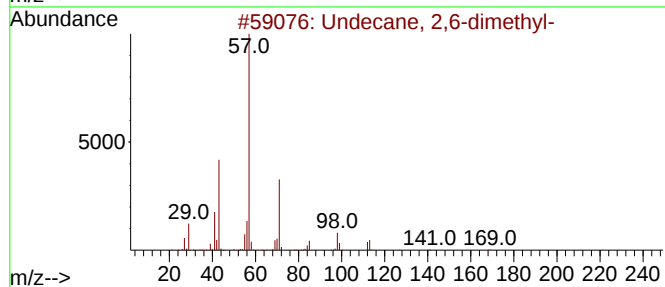
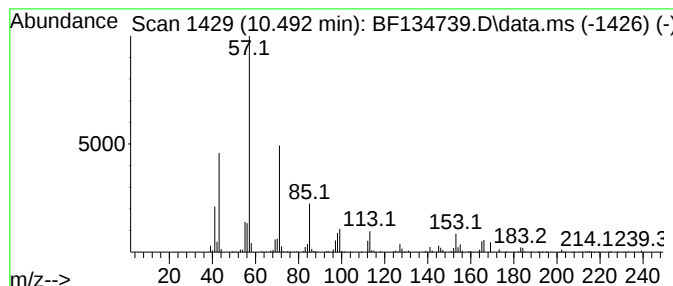
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.492	5.17 ng	393714	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	62
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	58
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
5			Decane, 2-methyl-	156	C11H24	006975-98-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
Operator : CG\JU
Sample : 03974-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

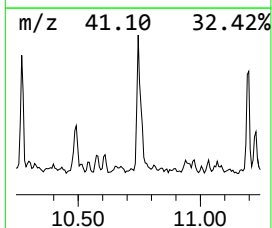
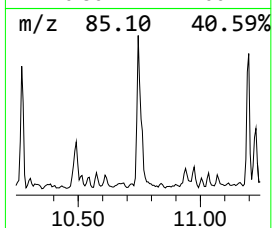
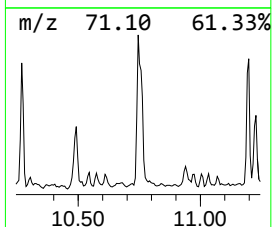
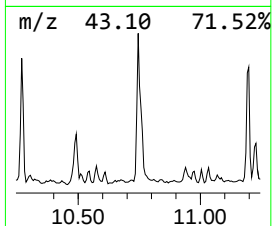
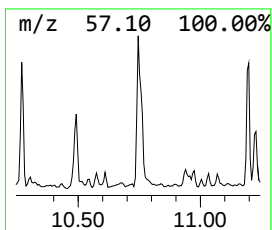
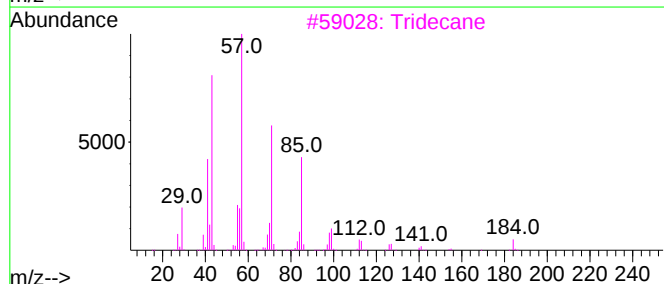
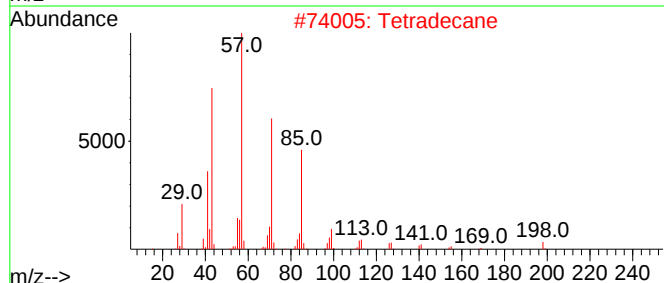
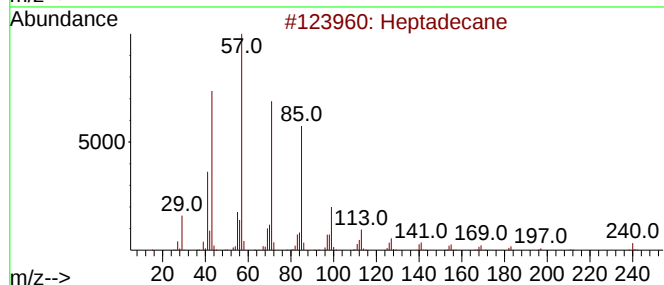
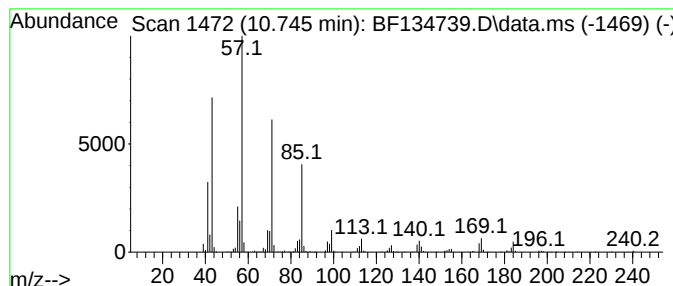
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.745	19.33 ng	1124210	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Tetradecane		198	C14H30	000629-59-4	93
3	Tridecane		184	C13H28	000629-50-5	81
4	Nonadecane		268	C19H40	000629-92-5	74
5	Heneicosane		296	C21H44	000629-94-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
Operator : CG\JU
Sample : 03974-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-081023

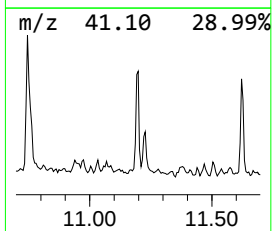
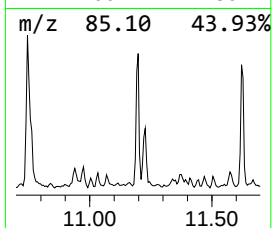
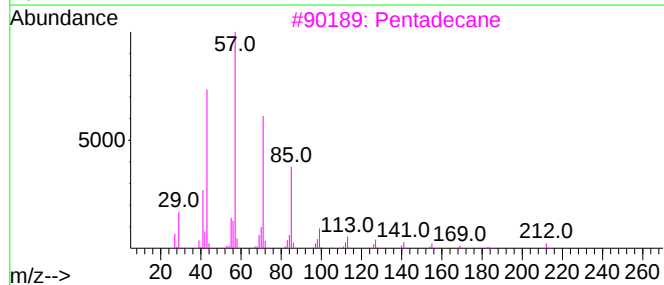
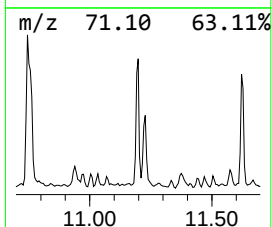
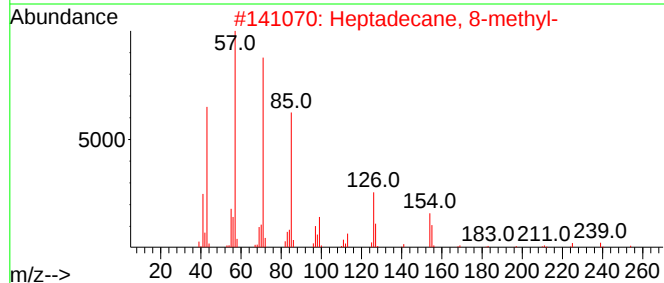
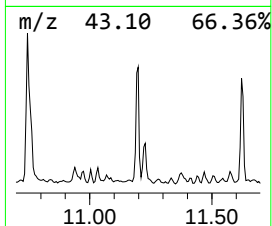
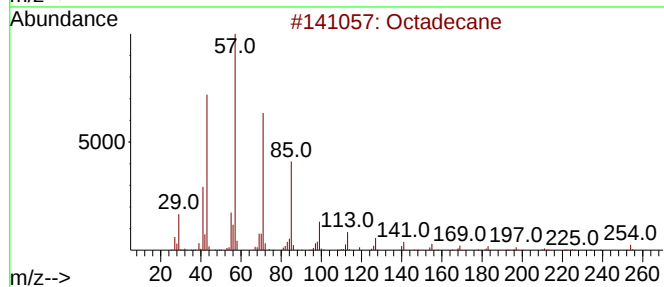
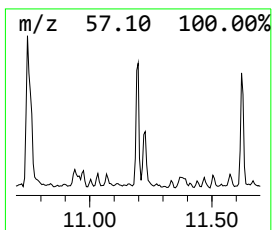
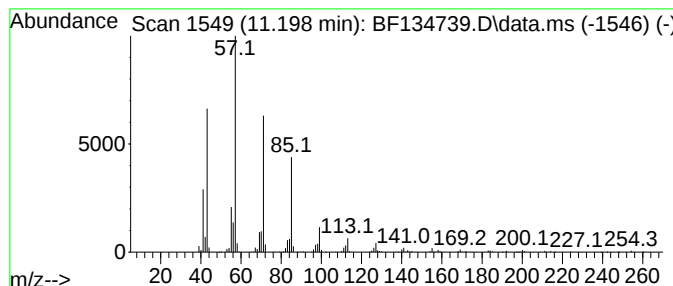
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	11.89 ng	691765	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	93
2		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
3		Pentadecane	212	C15H32	000629-62-9	91
4		Hexadecane	226	C16H34	000544-76-3	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
Operator : CG\JU
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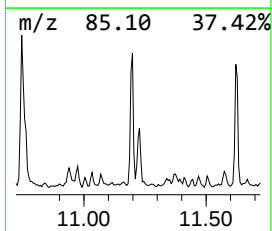
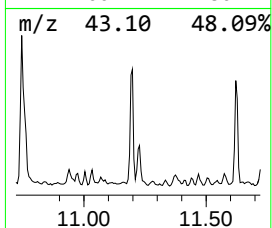
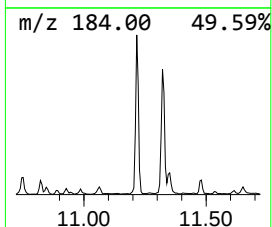
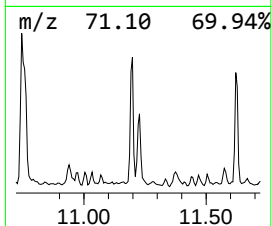
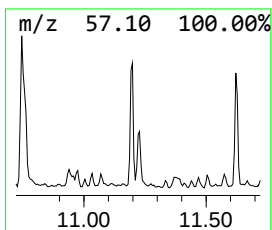
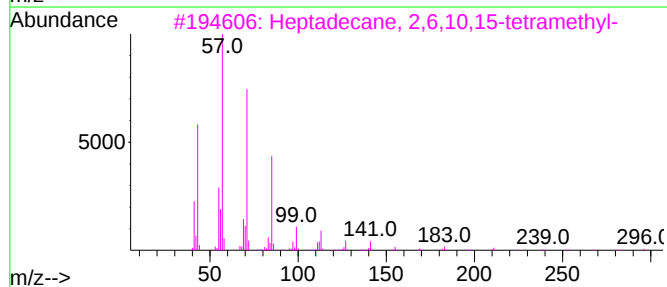
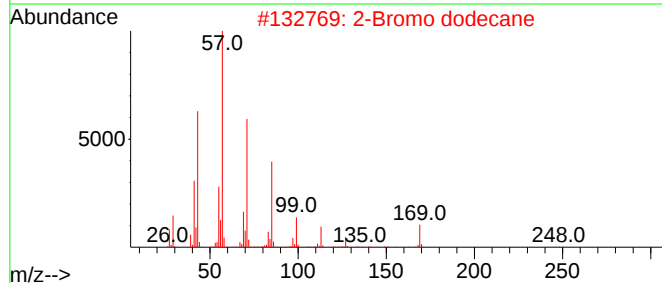
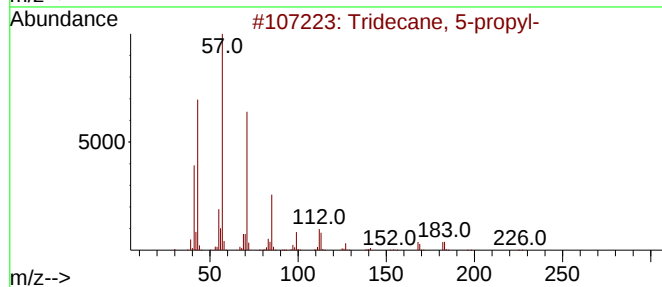
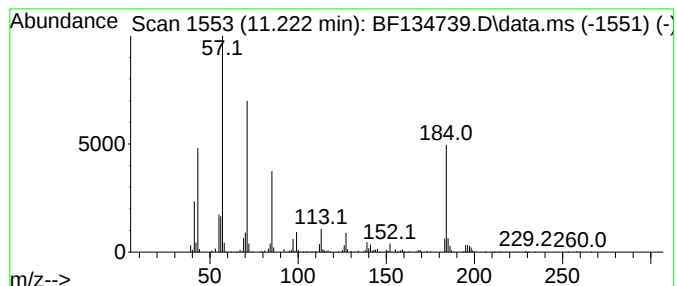
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 5-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.222	8.94 ng	520143	Phenanthrene-d10	11.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	58
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	53
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
Operator : CG\JU
Sample : 03974-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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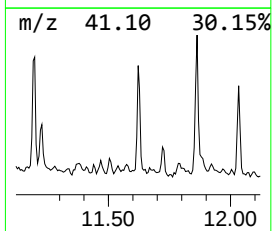
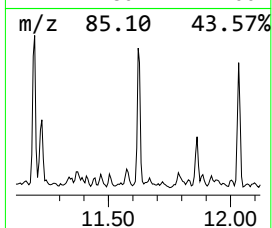
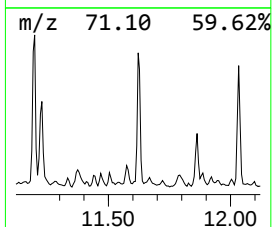
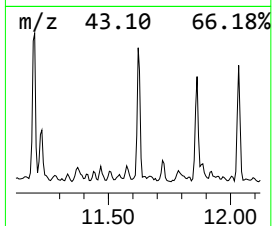
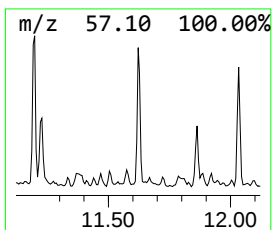
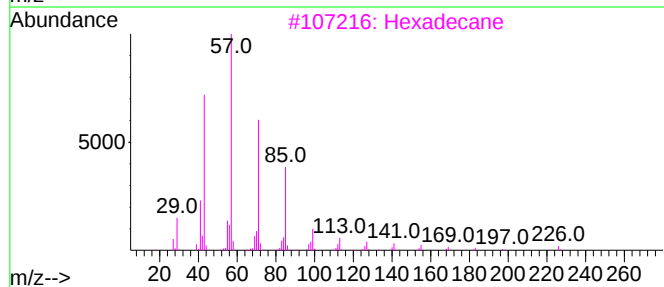
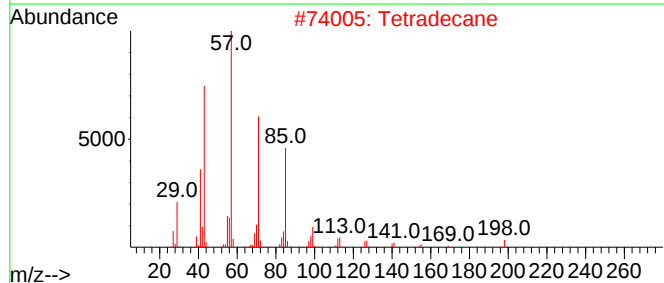
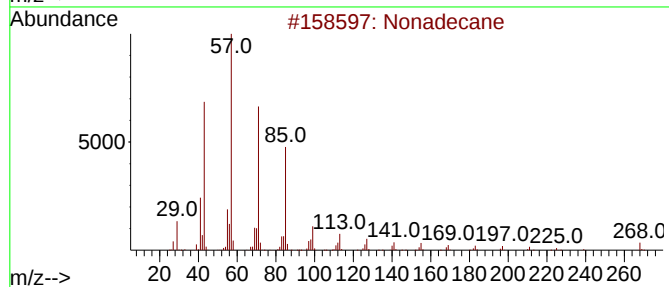
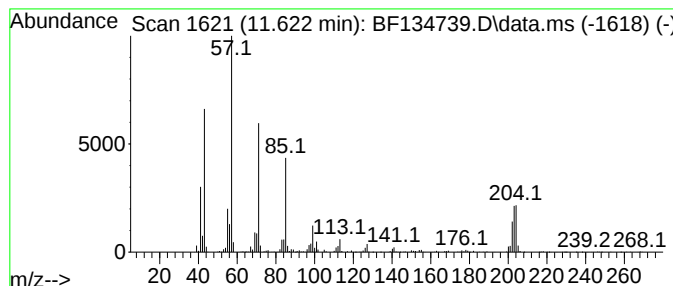
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.621	10.85 ng	630860	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Tetradecane	198	C14H30	000629-59-4	58
3			Hexadecane	226	C16H34	000544-76-3	52
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	52
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
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ALS Vial : 11 Sample Multiplier: 1

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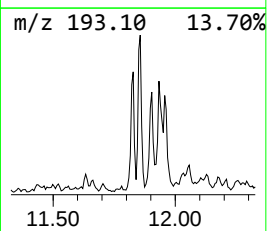
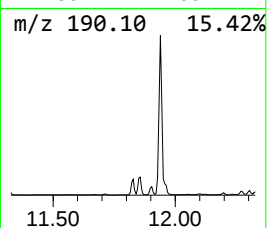
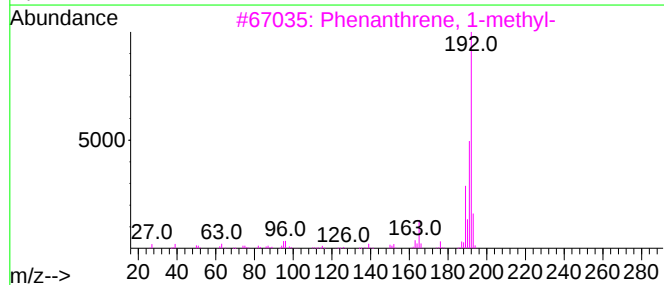
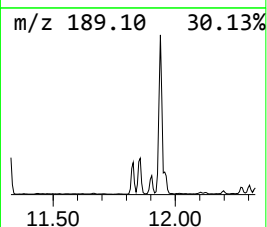
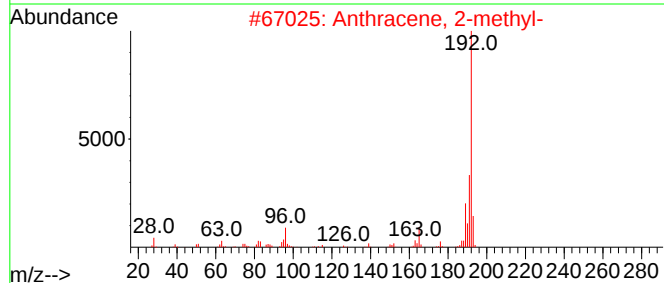
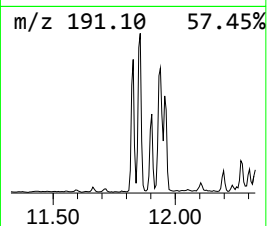
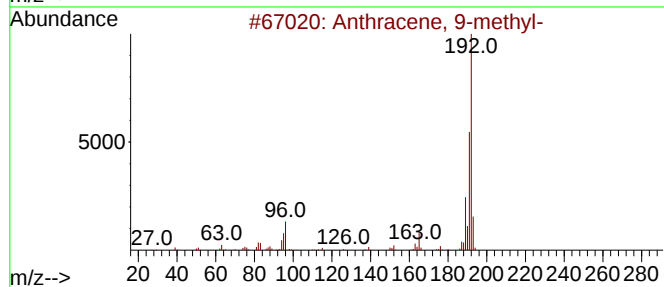
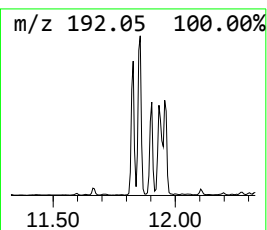
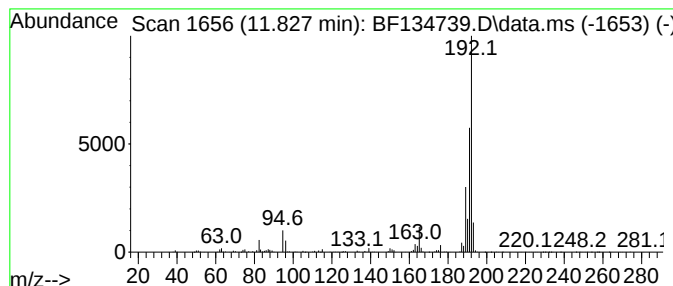
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	7.92 ng	460714	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
Operator : CG\JU
Sample : 03974-01
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ALS Vial : 11 Sample Multiplier: 1

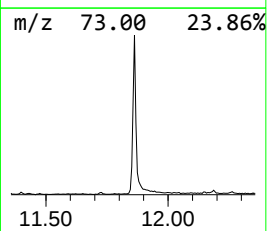
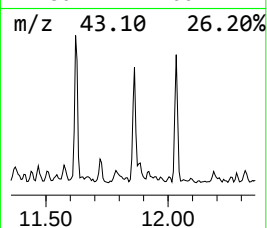
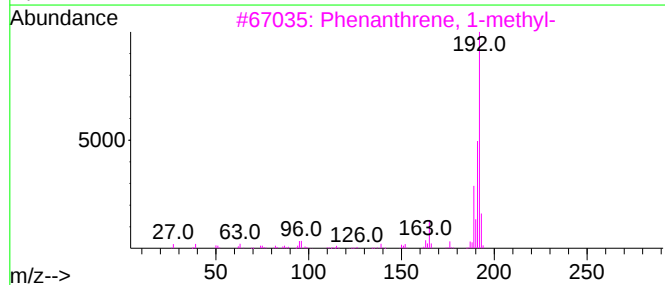
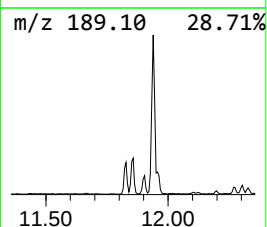
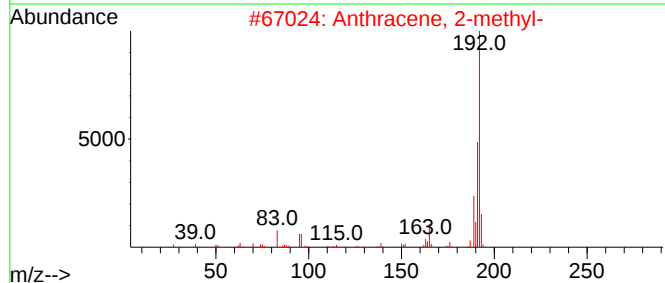
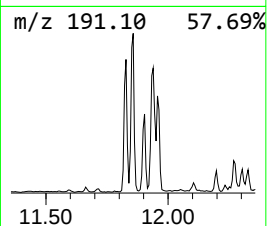
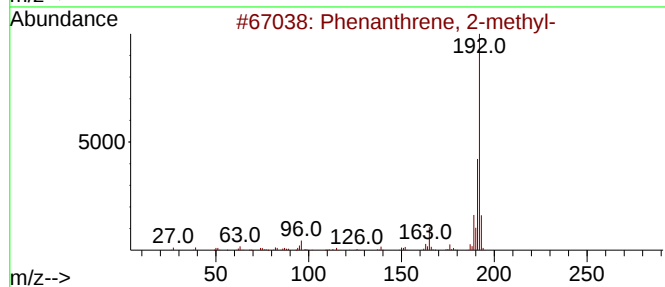
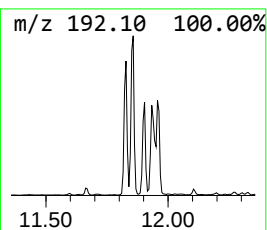
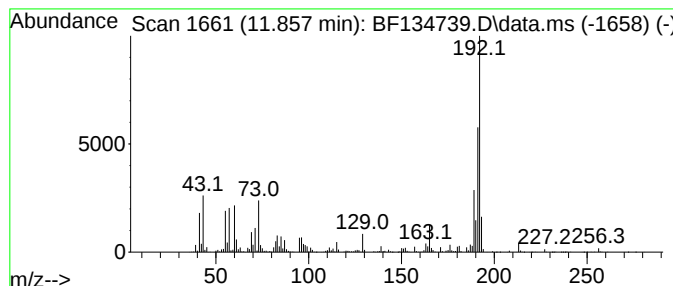
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ClientSampleId :
EO-01-081023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.857	22.80 ng	1325950	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-		192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-		192	C15H12	000779-02-2	96
5	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
Operator : CG\JU
Sample : 03974-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

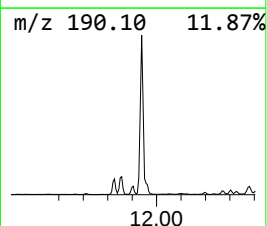
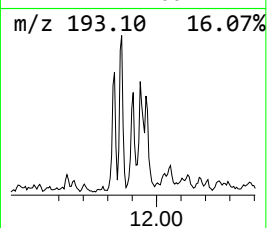
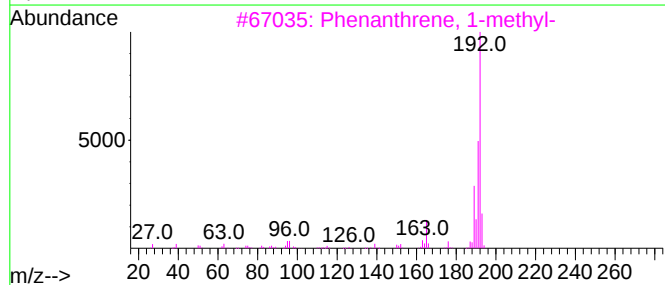
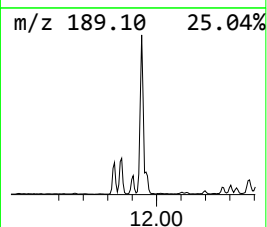
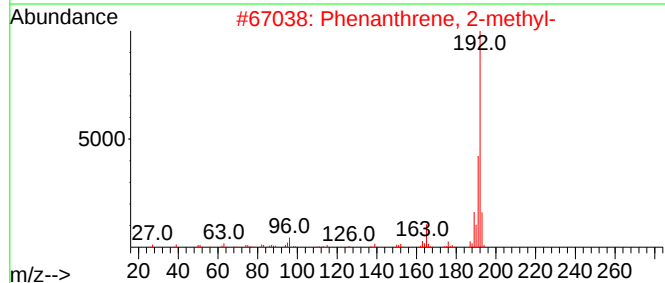
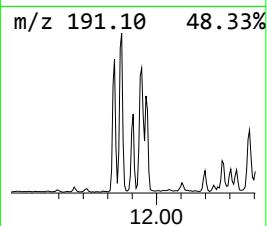
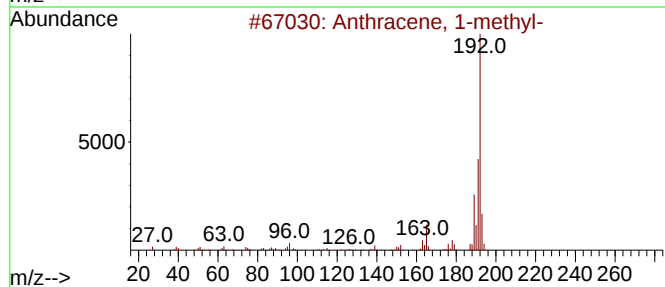
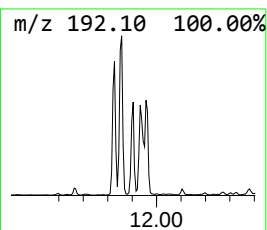
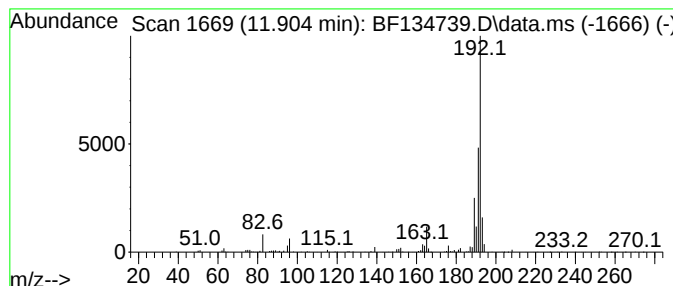
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EO-01-081023

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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 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.904	5.41 ng	314486	Phenanthrene-d10			11.322
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-		192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	96
4	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	93
5	Anthracene, 2-methyl-		192	C15H12	000613-12-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
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Sample : 03974-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

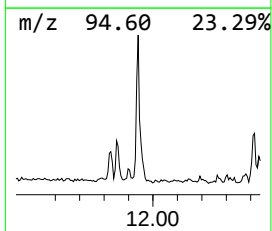
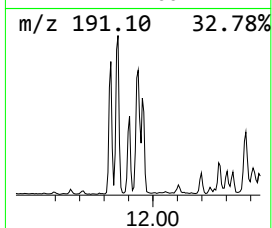
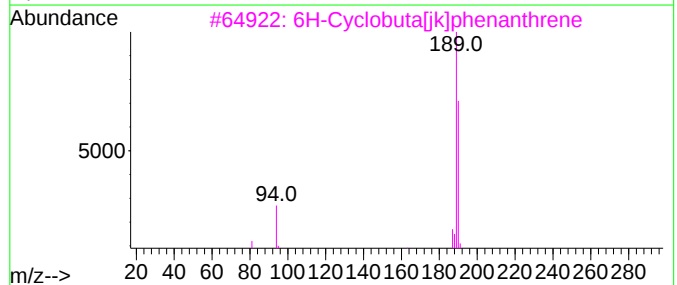
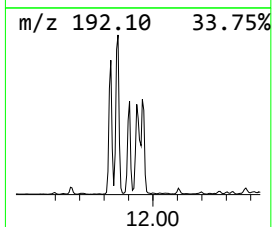
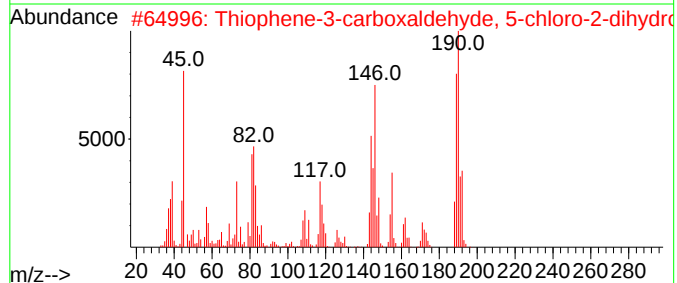
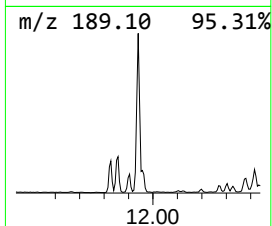
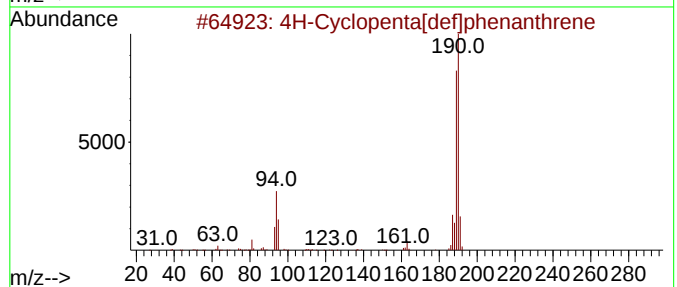
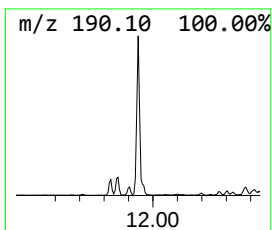
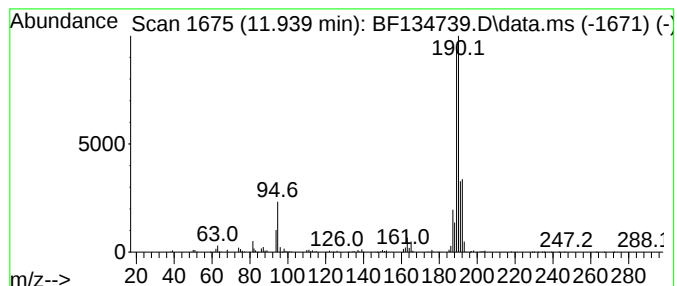
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.939	19.47 ng	1132640	Phenanthrene-d10			11.322
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	52
3	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	50
4	Methyl diselenide		190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
Operator : CG\JU
Sample : 03974-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

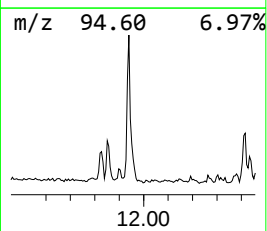
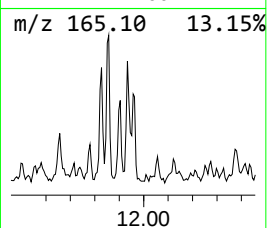
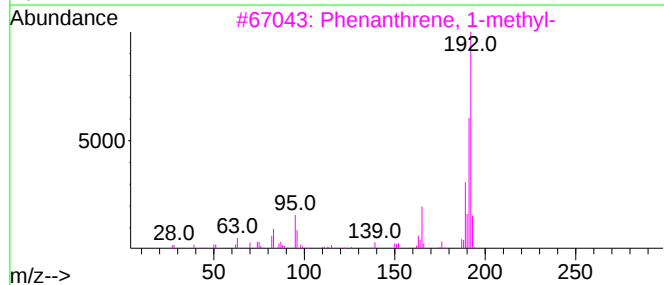
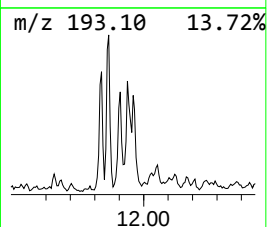
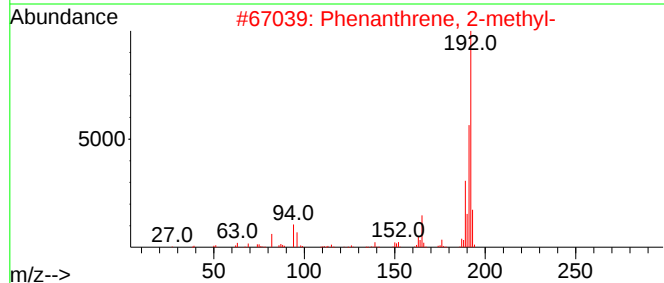
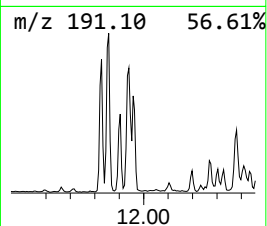
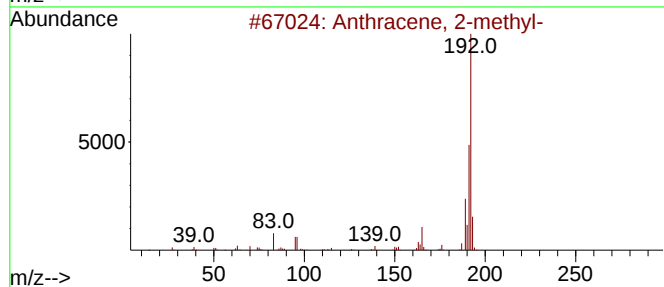
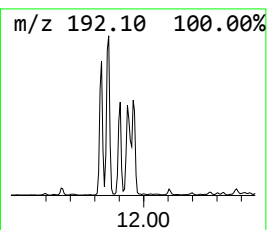
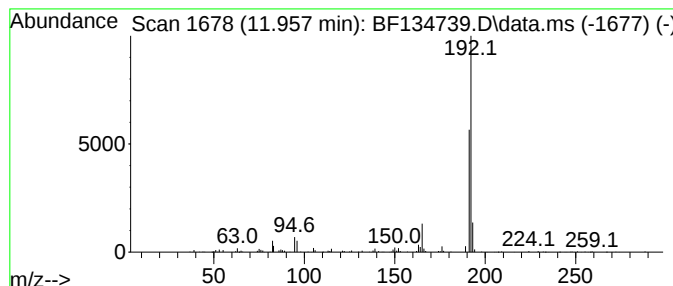
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.957	5.77 ng	335834	Phenanthrene-d10	11.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
Operator : CG\JU
Sample : 03974-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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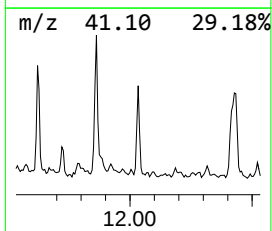
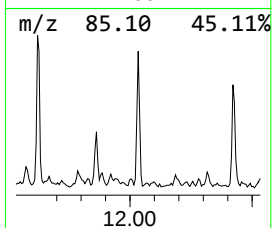
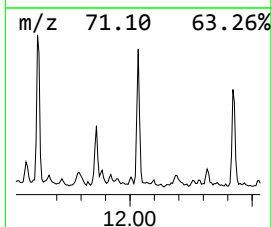
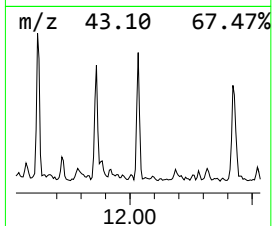
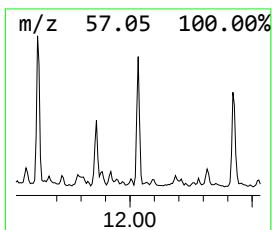
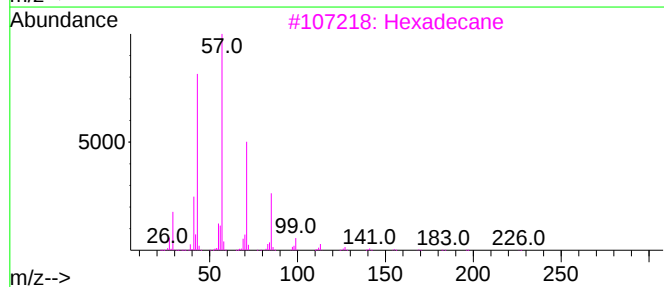
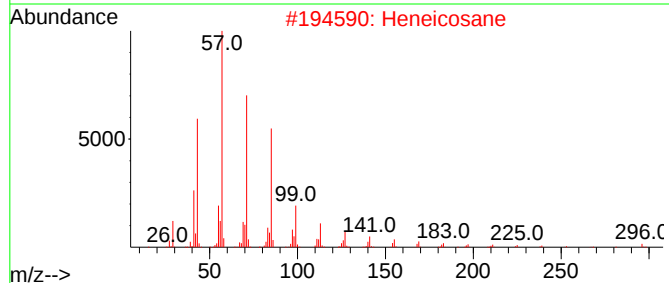
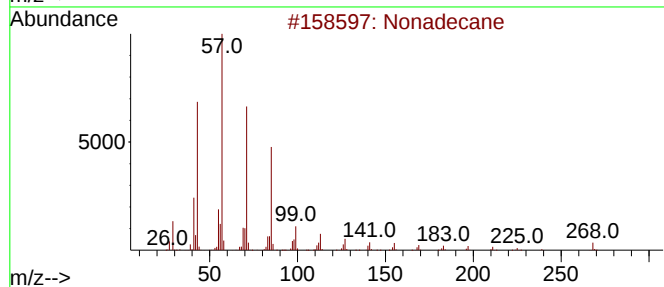
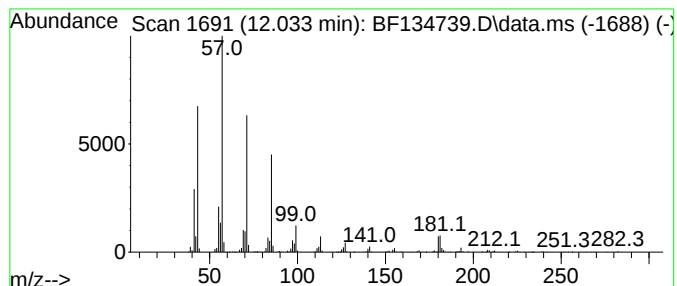
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heneicosane

Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	7.51 ng	437020	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	87
2			Heneicosane	296	C21H44	000629-94-7	86
3			Hexadecane	226	C16H34	000544-76-3	86
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
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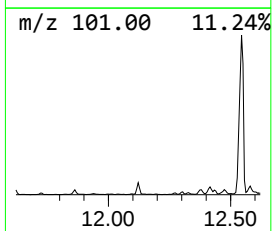
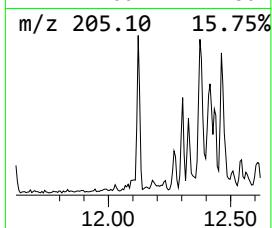
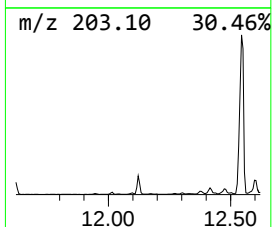
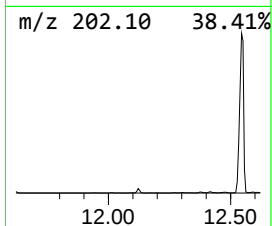
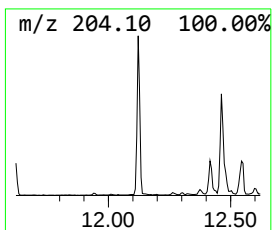
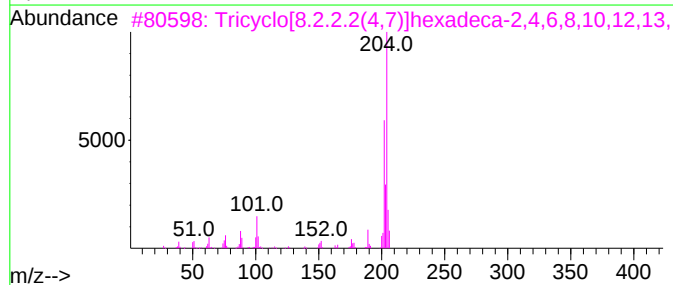
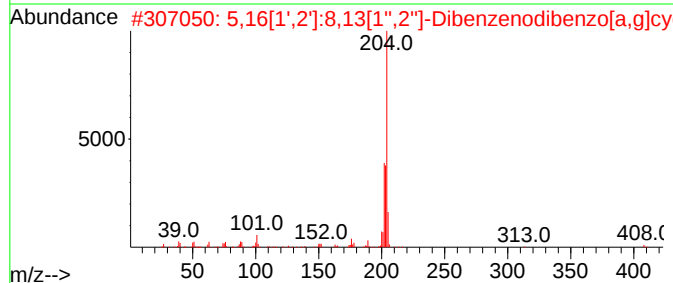
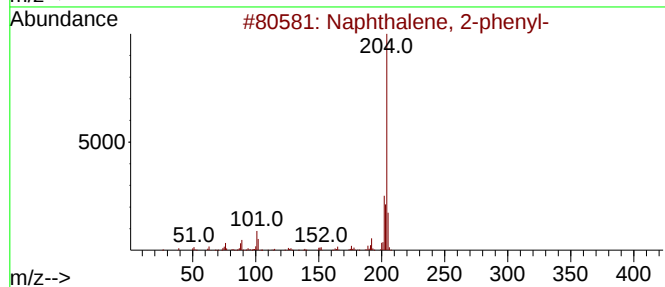
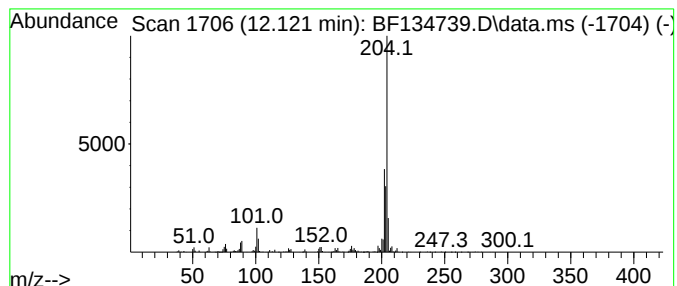
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.121	5.57 ng	324150	Phenanthrene-d10	11.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
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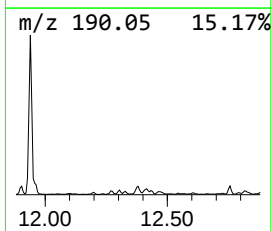
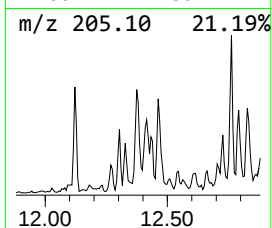
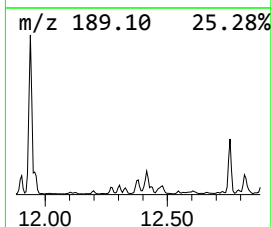
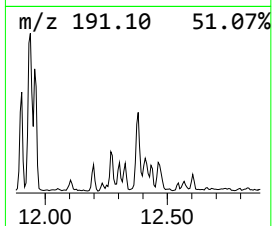
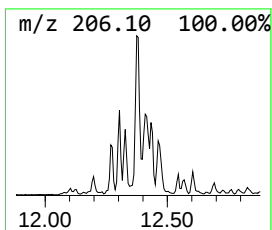
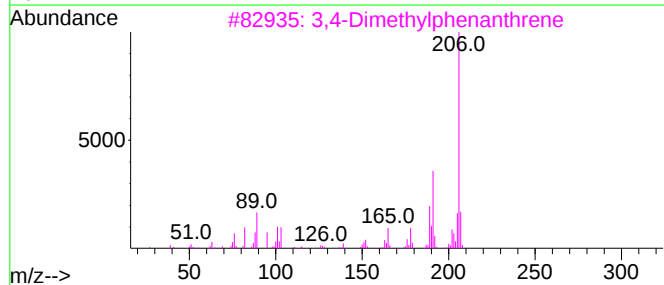
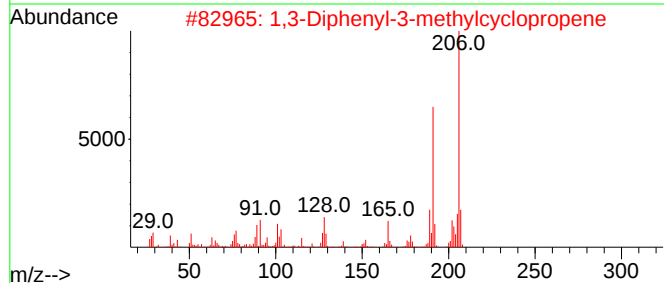
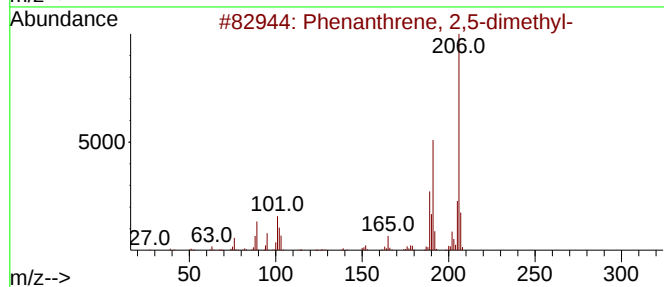
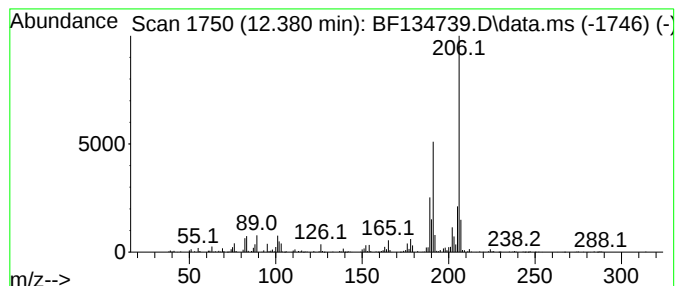
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.380	7.28 ng	423272	Phenanthrene-d10	11.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
Operator : CG\JU
Sample : 03974-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

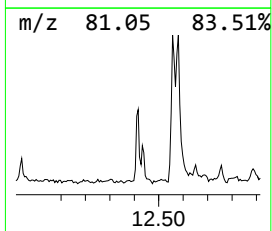
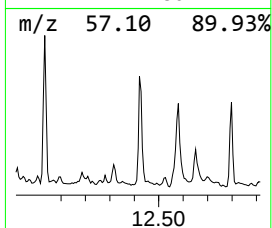
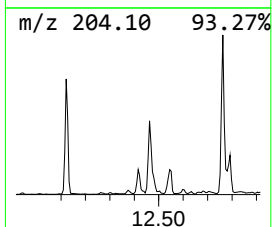
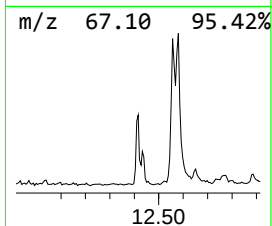
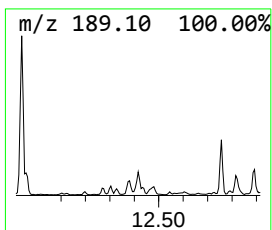
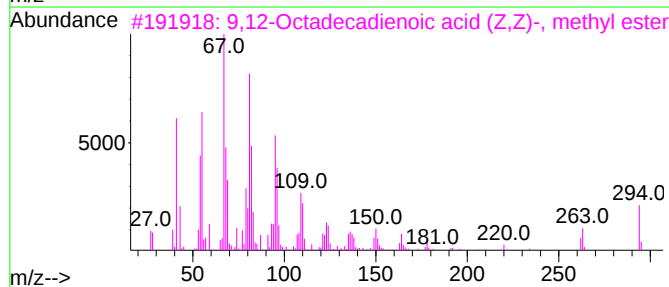
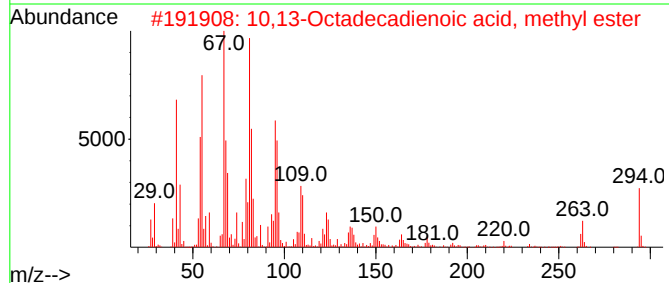
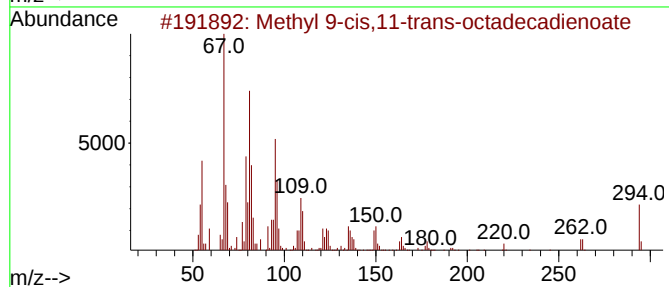
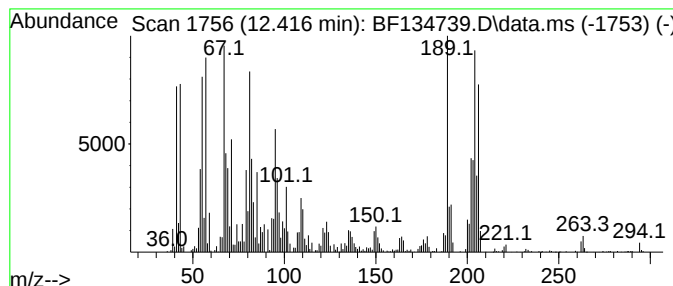
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ClientSampleId :
EO-01-081023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Methyl 9-cis,11-trans-octad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.416	16.81 ng	977490	Phenanthrene-d10	11.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	94
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	94
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	94
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	93
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
Operator : CG\JU
Sample : 03974-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

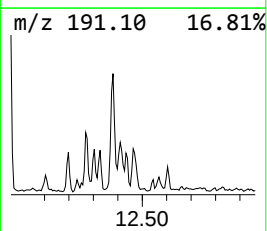
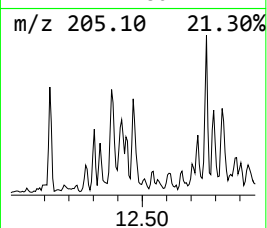
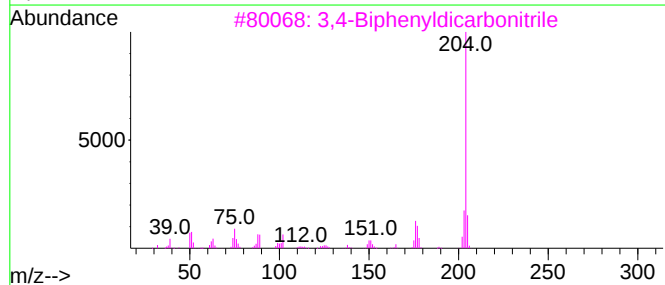
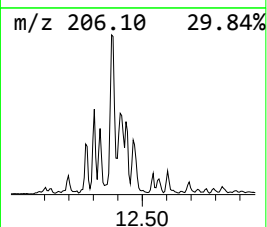
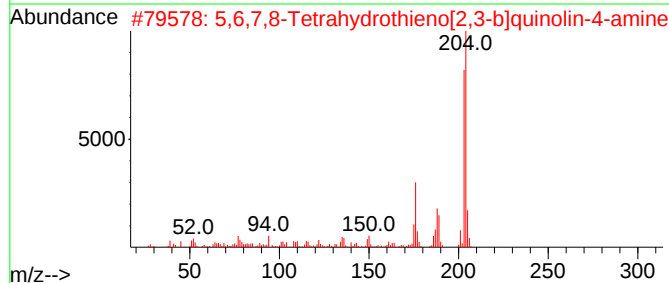
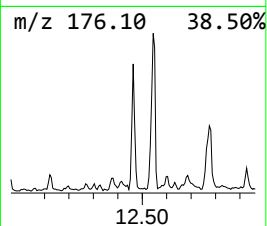
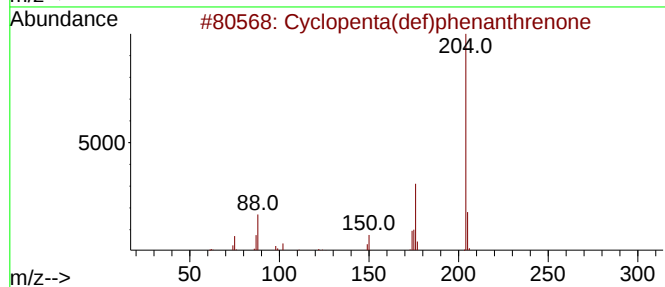
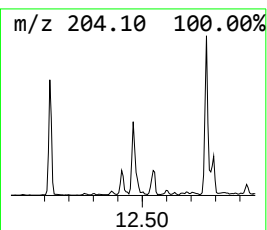
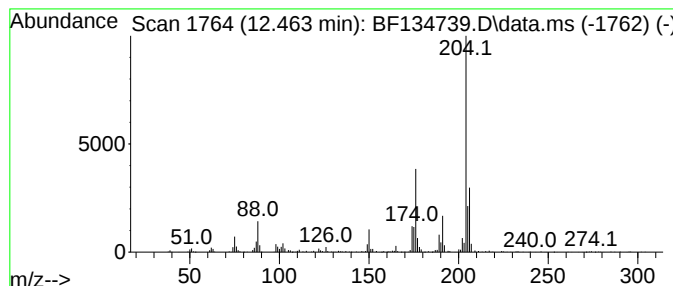
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ClientSampleId :
EO-01-081023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.463	6.60 ng	384086	Phenanthrene-d10	11.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
Operator : CG\JU
Sample : 03974-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-081023

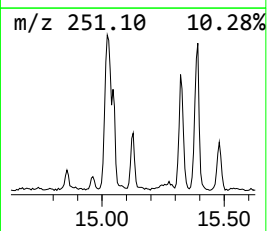
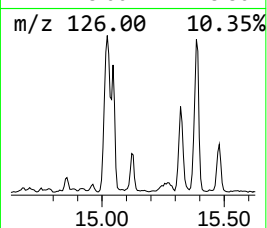
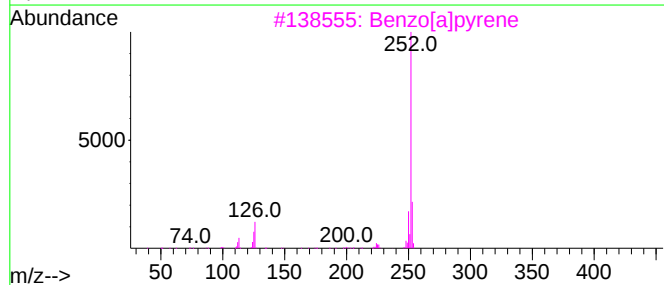
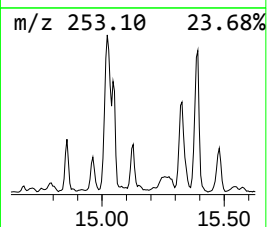
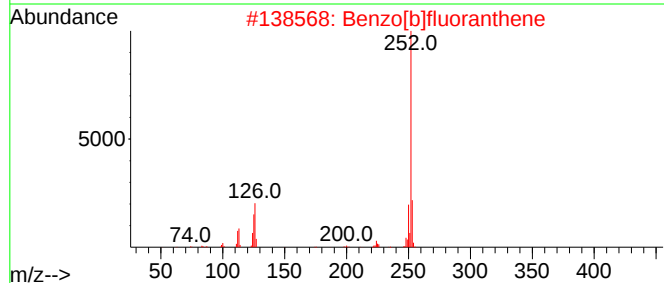
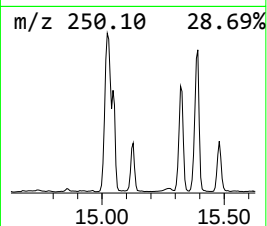
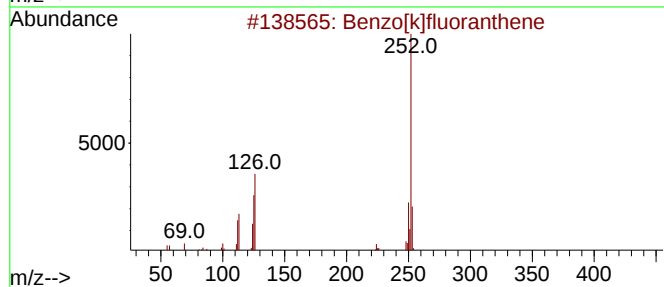
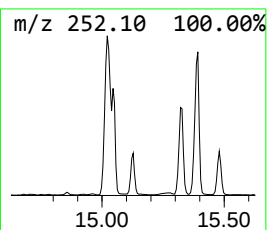
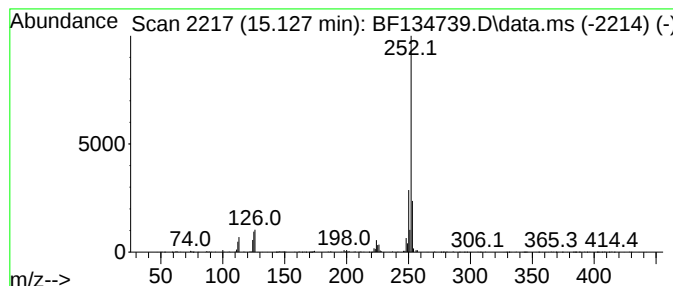
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	13.96 ng	475203	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3			Benzo[a]pyrene	252	C20H12	000050-32-8	90
4			Benzo[e]pyrene	252	C20H12	000192-97-2	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
Operator : CG\JU
Sample : 03974-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-081023

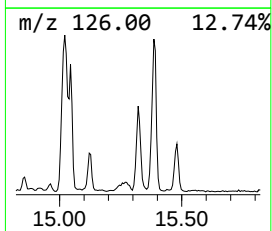
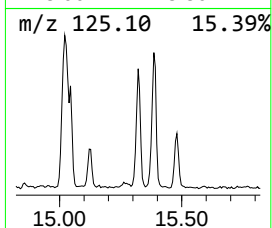
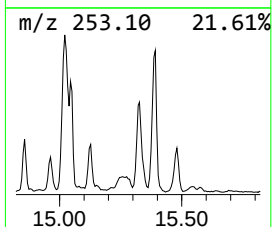
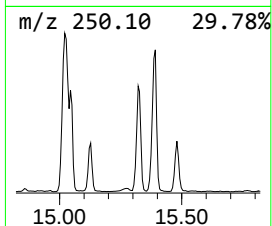
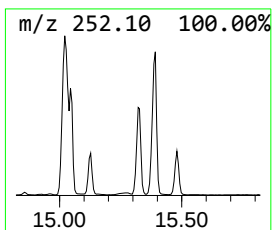
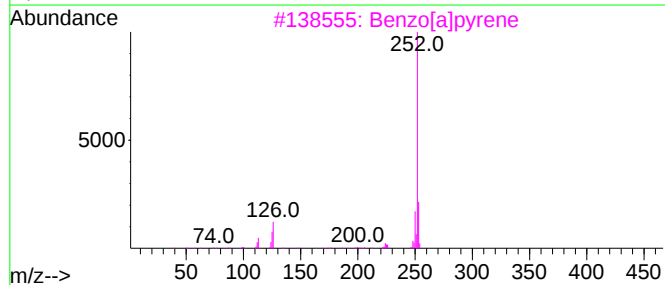
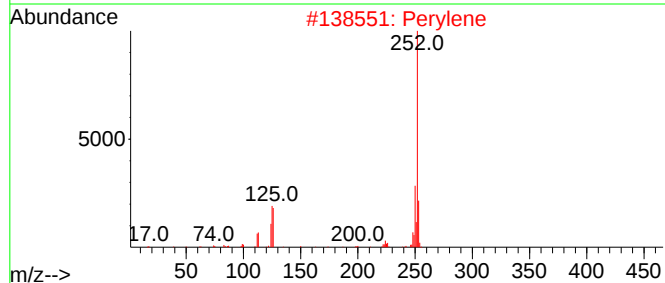
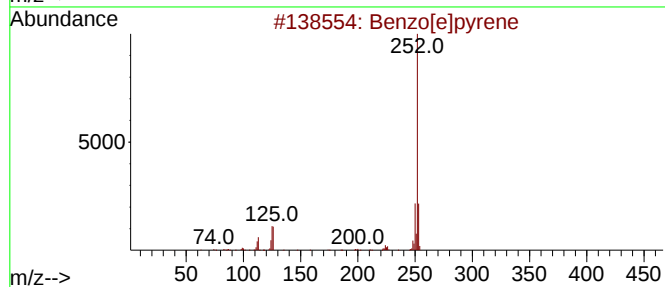
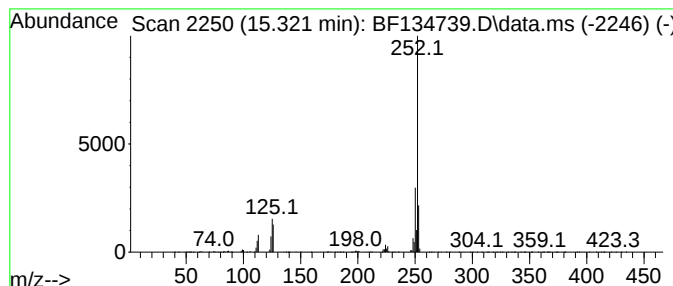
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	39.73 ng	1352800	Perylene-d12	15.451

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	94
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134739.D
Acq On : 11 Aug 2023 18:42
Operator : CG\JU
Sample : 03974-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-081023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecane	9.239	5.4	ng	409851	3	9.833	1521770	20.0
Heptadecane	9.769	5.2	ng	394225	3	9.833	1521770	20.0
Hexadecane	10.269	7.7	ng	588175	3	9.833	1521770	20.0
Undecane, 2,6-d...	10.492	5.2	ng	393714	3	9.833	1521770	20.0
Tridecane	10.745	19.3	ng	1124210	4	11.322	1163260	20.0
Octadecane	11.198	11.9	ng	691765	4	11.322	1163260	20.0
Tridecane, 5-pr...	11.222	8.9	ng	520143	4	11.322	1163260	20.0
Nonadecane	11.621	10.9	ng	630860	4	11.322	1163260	20.0
Anthracene, 9-m...	11.827	7.9	ng	460714	4	11.322	1163260	20.0
Phenanthrene, 2...	11.857	22.8	ng	1325950	4	11.322	1163260	20.0
Anthracene, 1-m...	11.904	5.4	ng	314486	4	11.322	1163260	20.0
4H-Cyclopenta[d...	11.939	19.5	ng	1132640	4	11.322	1163260	20.0
Anthracene, 2-m...	11.957	5.8	ng	335834	4	11.322	1163260	20.0
Heneicosane	12.033	7.5	ng	437020	4	11.322	1163260	20.0
Naphthalene, 2-...	12.121	5.6	ng	324150	4	11.322	1163260	20.0
Phenanthrene, 2...	12.380	7.3	ng	423272	4	11.322	1163260	20.0
Methyl 9-cis,11...	12.416	16.8	ng	977490	4	11.322	1163260	20.0
Cyclopenta(def)...	12.463	6.6	ng	384086	4	11.322	1163260	20.0
Benzo[e]pyrene	15.127	14.0	ng	475203	6	15.451	680990	20.0
Perylene	15.321	39.7	ng	1352800	6	15.451	680990	20.0