

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129491.D
 Acq On : 02 Aug 2022 00:40
 Operator : CG\JU
 Sample : N3976-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0729

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-BF072522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129491.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	471	476	482	rVV2	125312	182146	4.04%	0.244%
2	5.510	544	548	555	rVB	2644114	2264199	50.16%	3.036%
3	6.110	646	650	655	rBV2	152441	277306	6.14%	0.372%
4	6.398	696	699	702	rBV2	155685	178989	3.97%	0.240%
5	6.522	716	720	723	rBV	2359386	2233142	49.47%	2.994%
6	6.698	747	750	753	rBV2	265929	247817	5.49%	0.332%
7	6.875	777	780	783	rBV	1382015	1049269	23.24%	1.407%
8	7.263	841	846	852	rBV3	132732	215860	4.78%	0.289%
9	7.440	872	876	878	rVV	1745730	1631504	36.14%	2.188%
10	8.128	990	993	995	rVV	370059	314755	6.97%	0.422%
11	8.157	995	998	1000	rVV	1368812	1189766	26.36%	1.595%
12	8.175	1000	1001	1004	rVV	566704	434351	9.62%	0.582%
13	8.204	1004	1006	1009	rVV	367398	276381	6.12%	0.371%
14	8.563	1064	1067	1070	rVV	537529	470876	10.43%	0.631%
15	8.734	1093	1096	1101	rBV	404186	329440	7.30%	0.442%
16	8.869	1116	1119	1122	rVB	337144	254145	5.63%	0.341%
17	8.969	1132	1136	1139	rBV	284058	243032	5.38%	0.326%
18	9.163	1167	1169	1172	rVB	267102	207362	4.59%	0.278%
19	9.228	1176	1180	1183	rBV	2877120	2333064	51.68%	3.128%
20	9.298	1189	1192	1195	rBV	421046	373439	8.27%	0.501%
21	9.492	1222	1225	1229	rVB	150634	183625	4.07%	0.246%
22	9.569	1235	1238	1240	rBV	421426	402142	8.91%	0.539%
23	9.622	1244	1247	1249	rVV3	301583	253245	5.61%	0.340%
24	9.686	1254	1258	1260	rBV2	198661	199346	4.42%	0.267%
25	9.775	1270	1273	1275	rBV2	261239	226521	5.02%	0.304%
26	9.828	1275	1282	1285	rVB	340284	344367	7.63%	0.462%
27	9.910	1294	1296	1299	rVV	1072006	894384	19.81%	1.199%
28	9.945	1299	1302	1305	rVB	284884	241174	5.34%	0.323%
29	10.110	1328	1330	1334	rVB2	344911	343999	7.62%	0.461%
30	10.151	1334	1337	1341	rVB2	316011	277529	6.15%	0.372%
31	10.228	1347	1350	1352	rBV	309044	280216	6.21%	0.376%
32	10.333	1361	1368	1371	rBV2	382564	604212	13.38%	0.810%
33	10.457	1386	1389	1395	rVB3	214192	297203	6.58%	0.399%
34	10.616	1411	1416	1420	rVB3	139785	185040	4.10%	0.248%
35	10.704	1428	1431	1434	rBV2	1349903	1100507	24.38%	1.476%
36	10.816	1445	1450	1458	rVB3	484561	809347	17.93%	1.085%

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Stop Thrs : 0

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.010	1477	1483	1485	rVV4	138422	225703	5.00%	0.303%
38	11.133	1499	1504	1506	rBV3	181322	243505	5.39%	0.327%
39	11.157	1506	1508	1513	rVV3	167377	214925	4.76%	0.288%
40	11.210	1513	1517	1520	rVV2	247149	288376	6.39%	0.387%
41	11.251	1521	1524	1527	rVV	405968	410230	9.09%	0.550%
42	11.404	1546	1550	1552	rBV	991126	929417	20.59%	1.246%
43	11.428	1552	1554	1557	rVV	2292173	1756954	38.92%	2.356%
44	11.475	1560	1562	1565	rVB	516530	447807	9.92%	0.600%
45	11.633	1585	1589	1594	rBV2	306347	435184	9.64%	0.584%
46	11.680	1594	1597	1599	rVB2	253327	205142	4.54%	0.275%
47	11.904	1632	1635	1637	rBV	494164	440828	9.77%	0.591%
48	11.933	1637	1640	1643	rVB	767159	742383	16.45%	0.995%
49	11.980	1645	1648	1650	rVV	224157	219164	4.86%	0.294%
50	12.016	1650	1654	1656	rVV2	749081	803635	17.80%	1.078%
51	12.039	1656	1658	1662	rVB	421502	325618	7.21%	0.437%
52	12.086	1663	1666	1669	rBV	326848	291429	6.46%	0.391%
53	12.198	1683	1685	1688	rBV	337703	272524	6.04%	0.365%
54	12.227	1688	1690	1696	rVB2	231291	193913	4.30%	0.260%
55	12.457	1725	1729	1731	rBV	598971	684049	15.15%	0.917%
56	12.475	1731	1732	1737	rVV3	351502	495102	10.97%	0.664%
57	12.545	1741	1744	1748	rBV2	316611	388862	8.61%	0.521%
58	12.622	1753	1757	1761	rBV	3714019	3619714	80.19%	4.854%
59	12.857	1790	1797	1801	rBV	3520442	4249150	94.13%	5.698%
60	12.898	1801	1804	1809	rVB2	377414	459333	10.18%	0.616%
61	12.986	1816	1819	1822	rBV	1896054	1456908	32.27%	1.954%
62	13.010	1822	1823	1826	rVB2	295892	179036	3.97%	0.240%
63	13.063	1828	1832	1838	rBV4	365091	695495	15.41%	0.933%
64	13.157	1844	1848	1849	rBV3	276169	327528	7.26%	0.439%
65	13.180	1849	1852	1854	rVB	683628	667249	14.78%	0.895%
66	13.204	1854	1856	1858	rBV	366779	276631	6.13%	0.371%
67	13.245	1860	1863	1865	rBV	589110	464507	10.29%	0.623%
68	13.280	1865	1869	1872	rBV2	444180	509563	11.29%	0.683%
69	13.374	1882	1885	1888	rBV	318302	295211	6.54%	0.396%
70	13.404	1888	1890	1894	rBV	279696	270666	6.00%	0.363%
71	13.551	1912	1915	1917	rBV2	359600	312062	6.91%	0.418%
72	13.663	1931	1934	1936	rBV2	183210	229503	5.08%	0.308%
73	13.686	1936	1938	1943	rVB	475802	519177	11.50%	0.696%
74	13.798	1954	1957	1960	rBV2	460193	494584	10.96%	0.663%
75	13.827	1960	1962	1964	rVV	394865	312646	6.93%	0.419%
76	13.851	1964	1966	1968	rVV	363283	402213	8.91%	0.539%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.874	1968	1970	1972	rVV2	560899	638950	14.15%	0.857%
78	13.898	1972	1974	1977	rVB	489738	434561	9.63%	0.583%
79	14.045	1993	1999	2003	rBV2	2801280	4514109	100.00%	6.053%
80	14.080	2003	2005	2012	rVB	2670736	2515989	55.74%	3.374%
81	14.163	2016	2019	2021	rBV	450645	386017	8.55%	0.518%
82	14.192	2021	2024	2027	rBV2	466618	463025	10.26%	0.621%
83	14.398	2057	2059	2061	rBV2	197106	183233	4.06%	0.246%
84	14.439	2061	2066	2068	rVV	683446	715031	15.84%	0.959%
85	14.469	2069	2071	2074	rBV	283076	258264	5.72%	0.346%
86	14.498	2074	2076	2078	rBV	311587	264890	5.87%	0.355%
87	14.563	2085	2087	2089	rBV	358038	298465	6.61%	0.400%
88	14.586	2089	2091	2095	rVB2	390074	320598	7.10%	0.430%
89	14.751	2117	2119	2122	rBV3	161666	182793	4.05%	0.245%
90	14.939	2149	2151	2159	rVB2	257746	365163	8.09%	0.490%
91	15.110	2174	2180	2183	rBV	2308294	3912978	86.68%	5.247%
92	15.133	2183	2184	2190	rVB2	1472185	1384540	30.67%	1.857%
93	15.216	2195	2198	2201	rBV	562985	540938	11.98%	0.725%
94	15.421	2228	2233	2238	rVB	1486054	2007108	44.46%	2.691%
95	15.486	2239	2244	2248	rVV	2170864	2685507	59.49%	3.601%
96	15.545	2249	2254	2256	rVV2	640141	938969	20.80%	1.259%
97	15.574	2256	2259	2266	rVB2	621528	892262	19.77%	1.196%
98	17.051	2503	2510	2518	rVB2	929859	1799435	39.86%	2.413%
99	17.509	2581	2588	2597	rVB	682026	1463043	32.41%	1.962%
100	17.751	2624	2629	2634	rBV	154418	304069	6.74%	0.408%

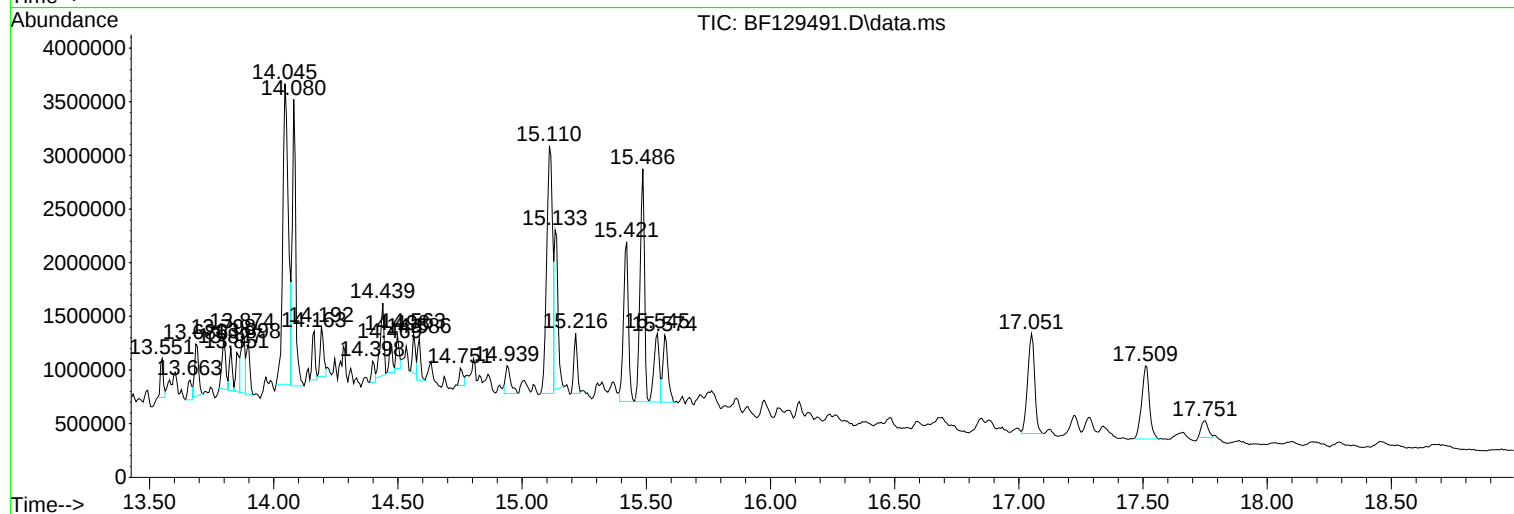
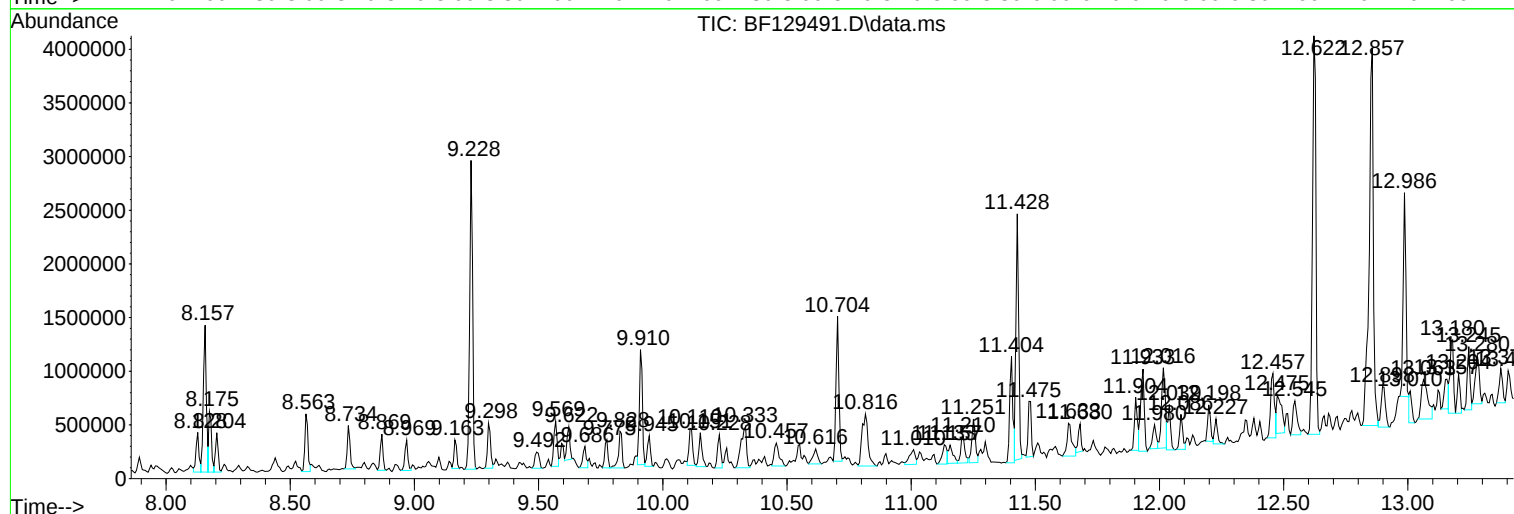
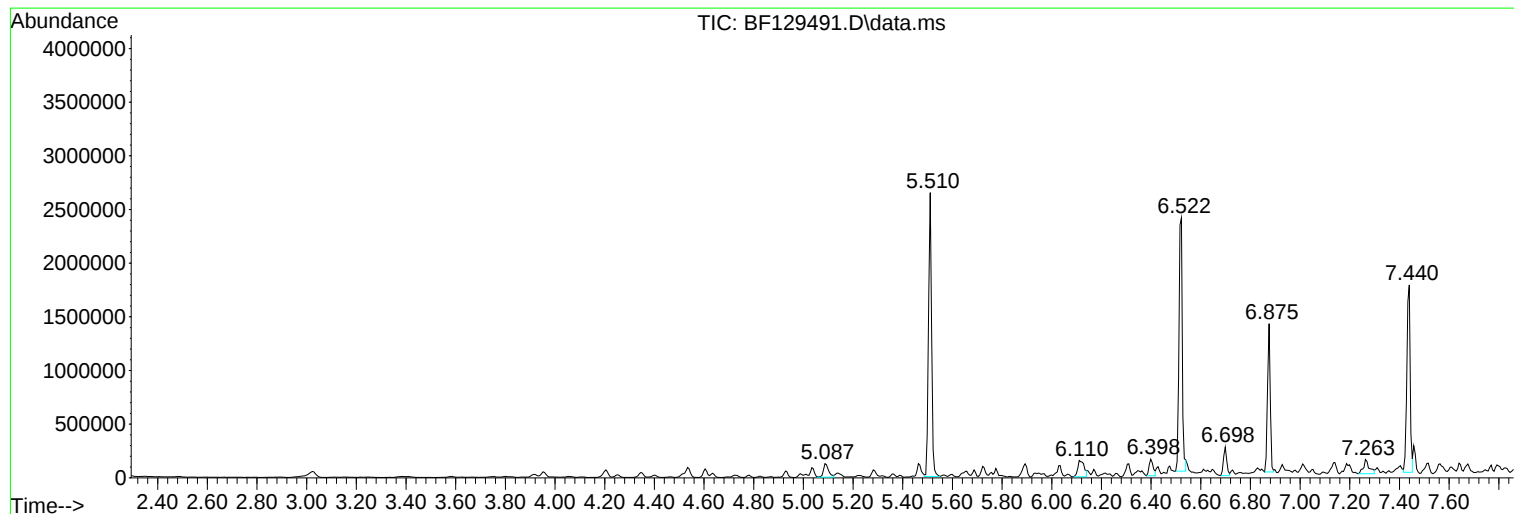
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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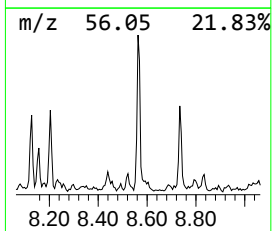
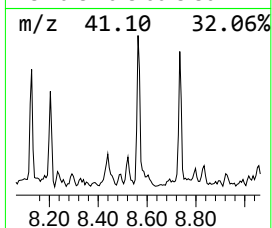
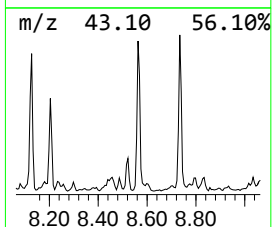
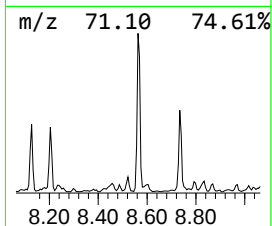
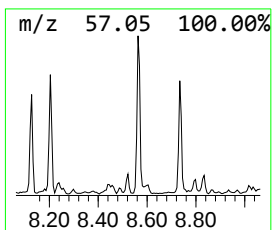
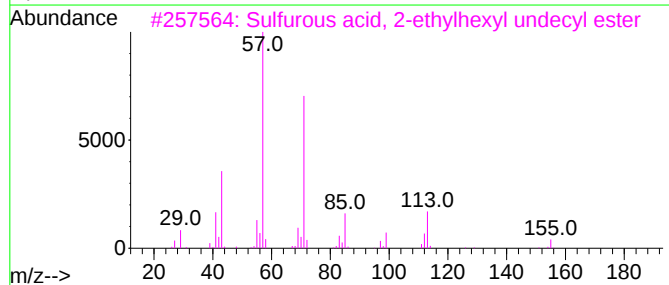
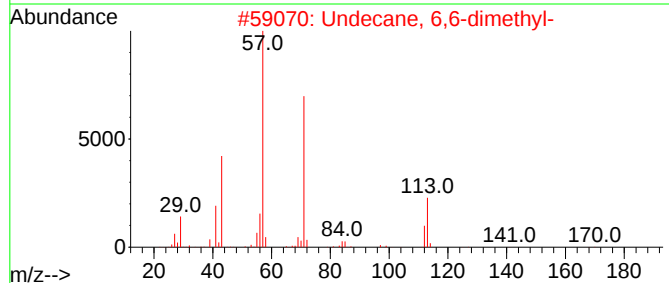
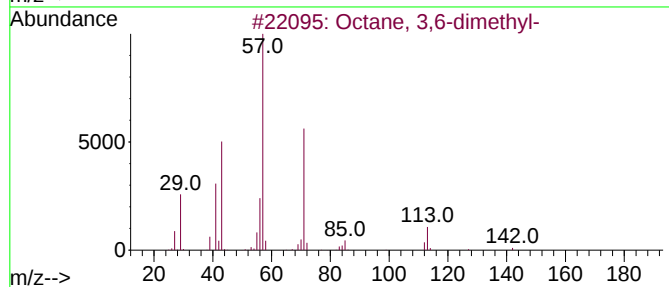
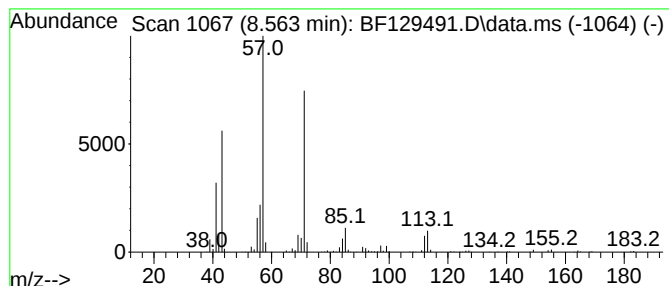
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.563	7.92 ng	470876	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
3			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
4			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
5			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64



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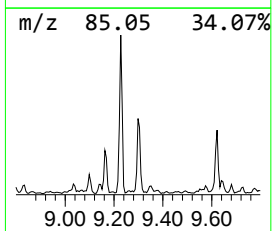
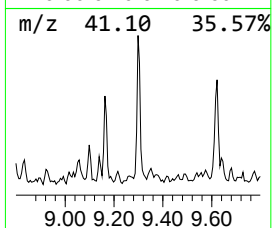
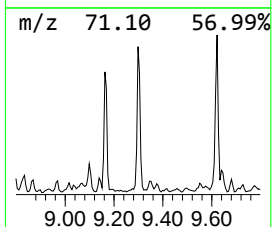
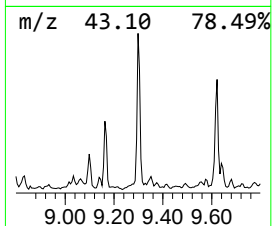
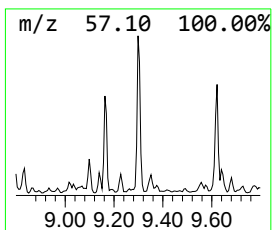
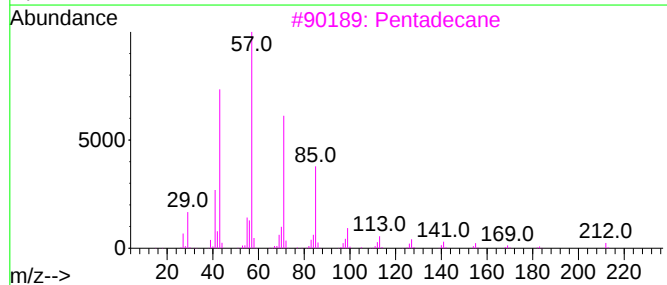
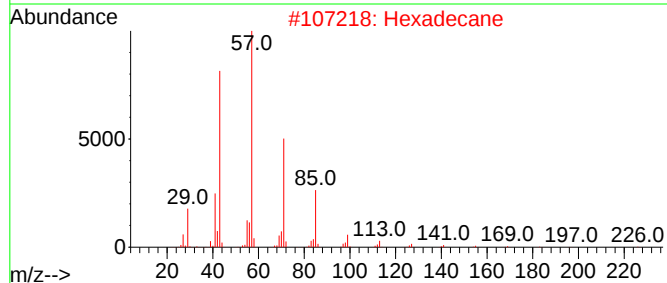
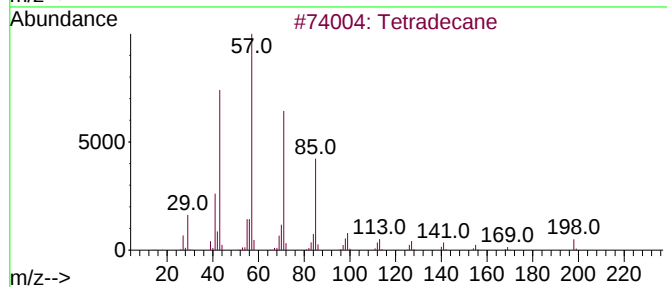
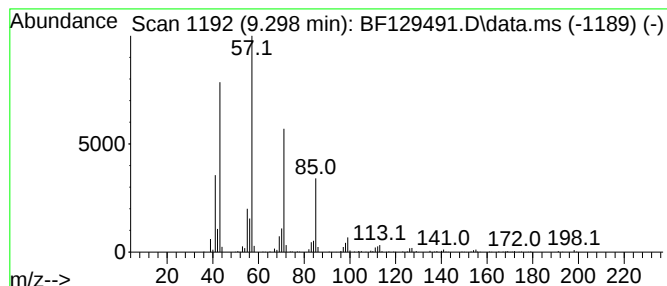
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	8.35 ng	373439	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	86
4		Decane, 3-bromo-	220	C10H21Br	030571-71-2	80
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76



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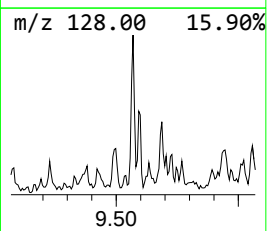
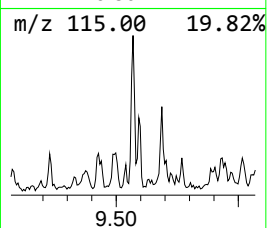
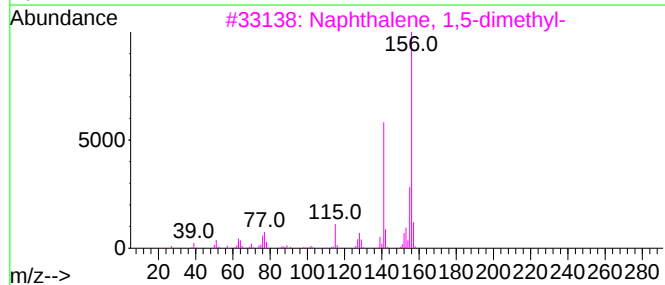
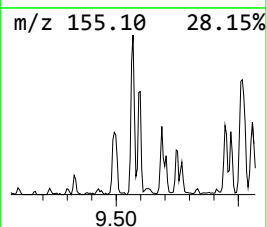
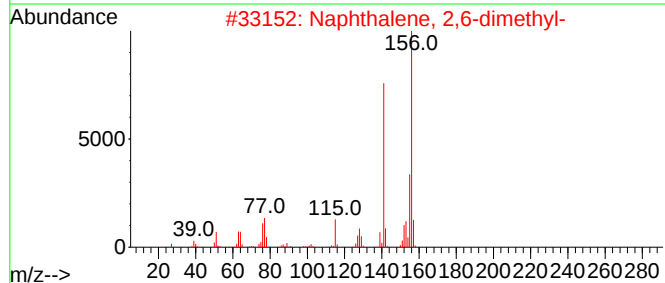
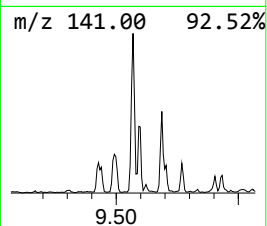
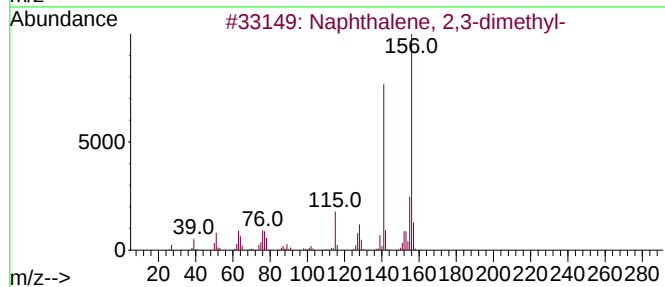
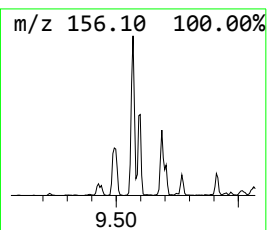
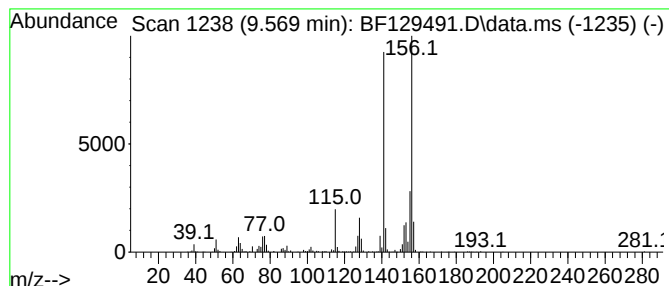
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	8.99 ng	402142	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
Operator : CG\JU
Sample : N3976-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-0729

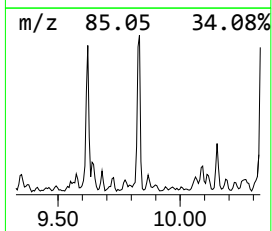
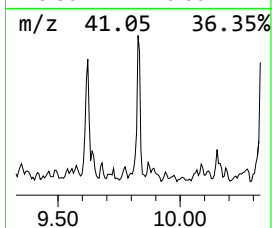
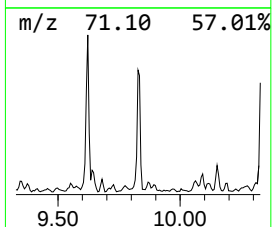
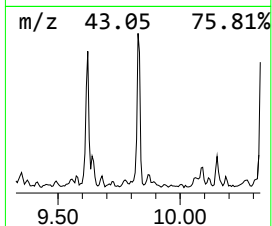
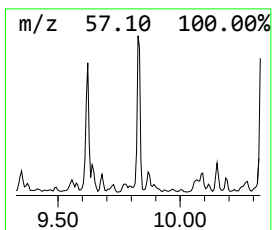
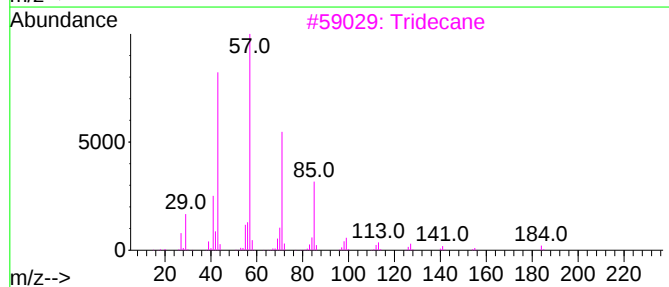
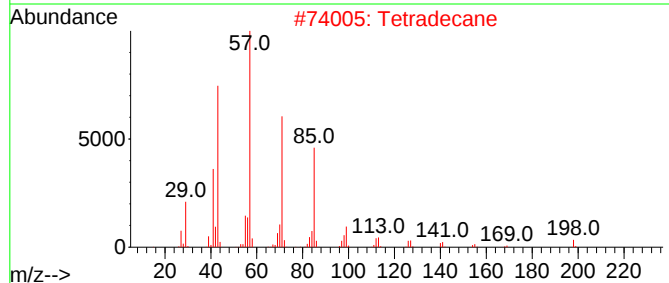
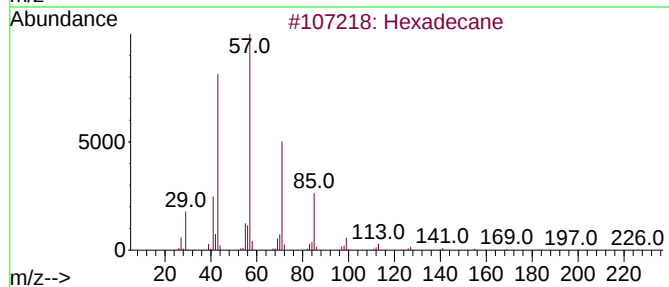
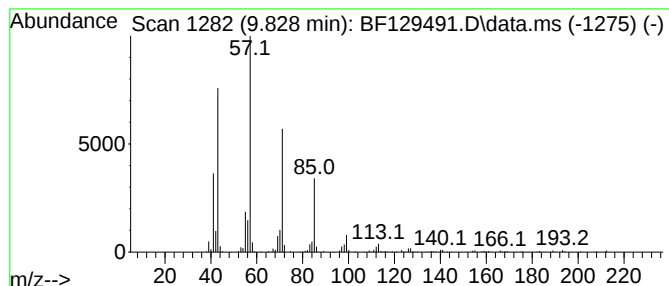
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.828	7.70 ng	344367	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
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Sample : N3976-05
Misc :
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Instrument :
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ClientSampleId :
TP3-0729

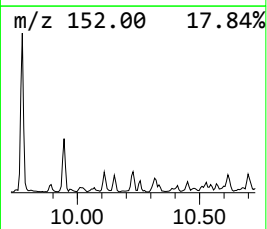
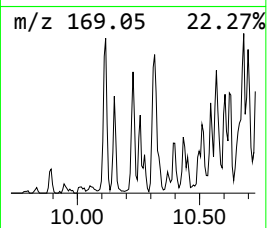
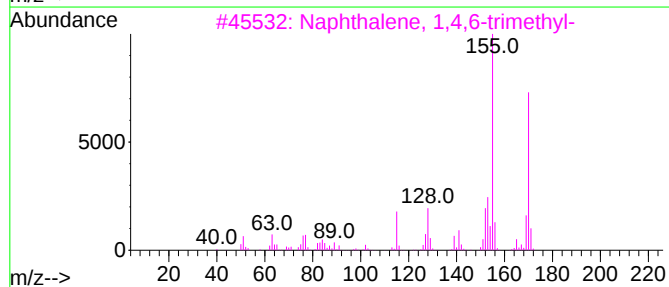
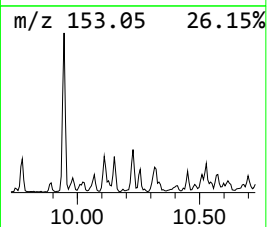
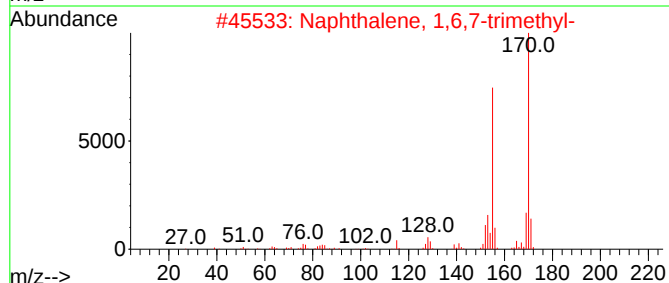
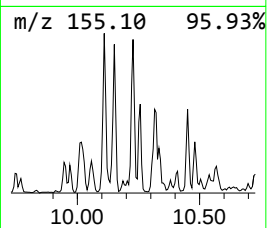
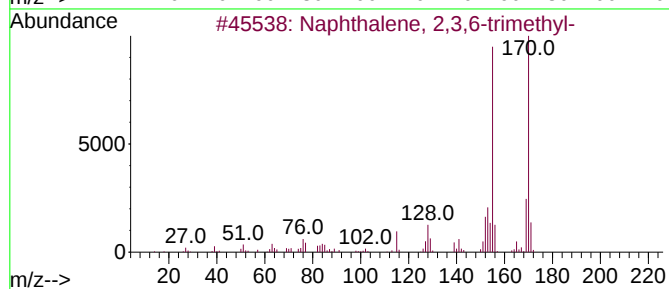
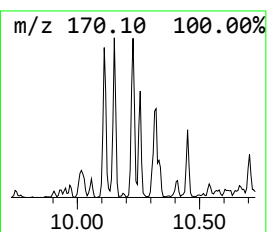
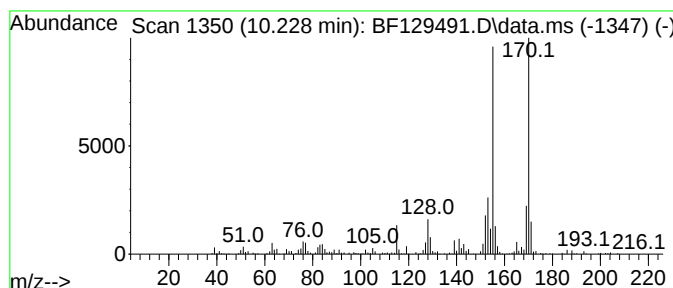
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.228	6.27 ng	280216	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
Operator : CG\JU
Sample : N3976-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

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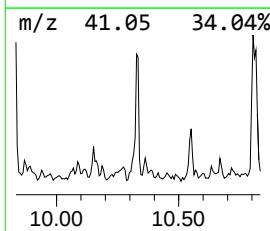
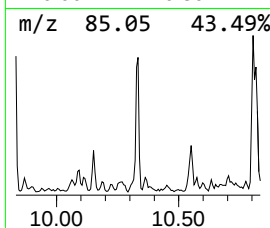
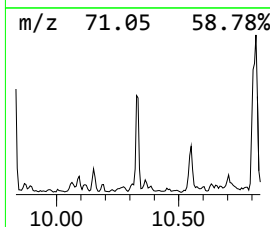
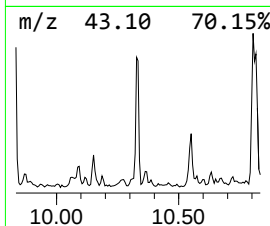
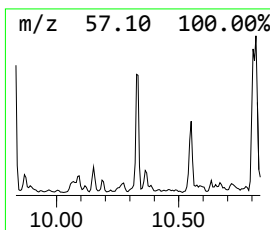
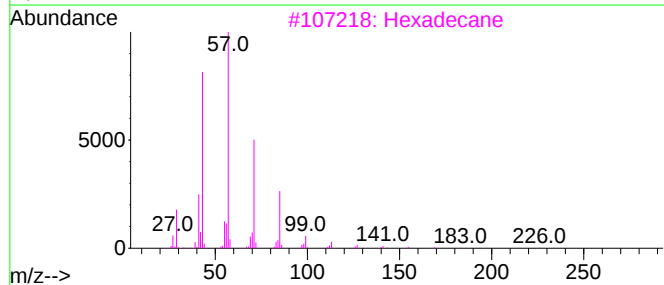
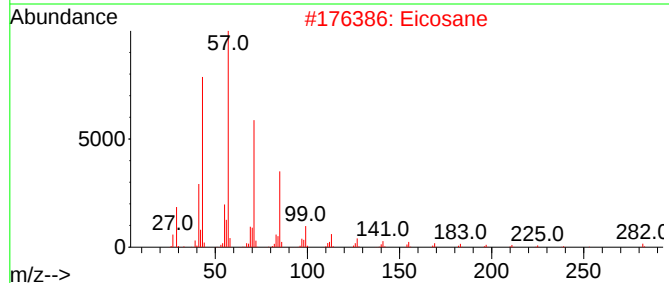
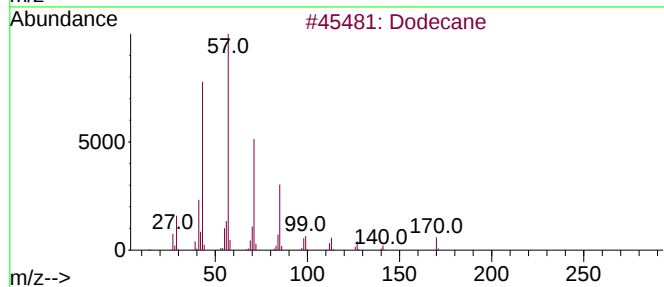
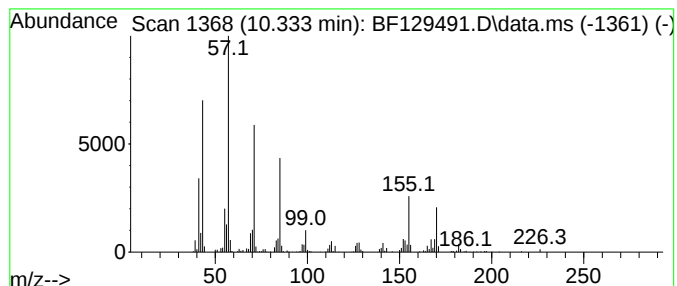
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.334	13.51 ng	604212	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	68
2			Eicosane	282	C20H42	000112-95-8	58
3			Hexadecane	226	C16H34	000544-76-3	52
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
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Sample : N3976-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

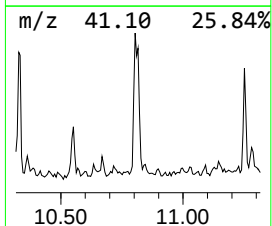
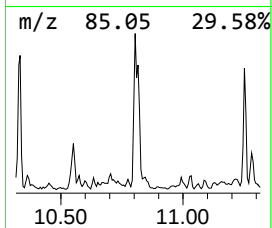
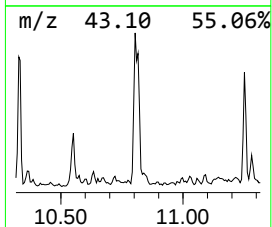
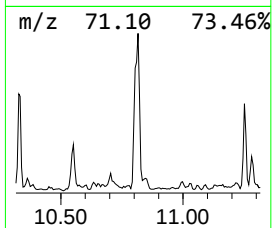
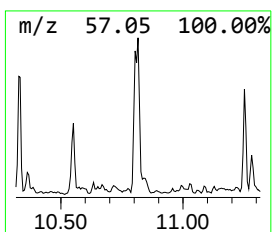
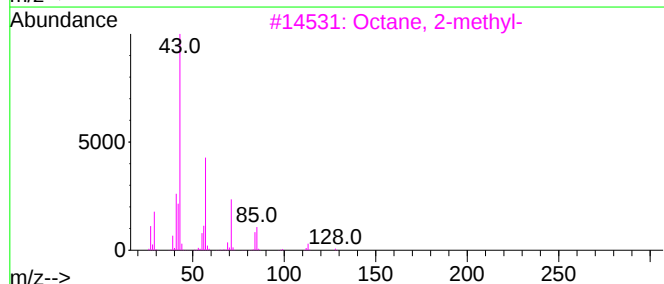
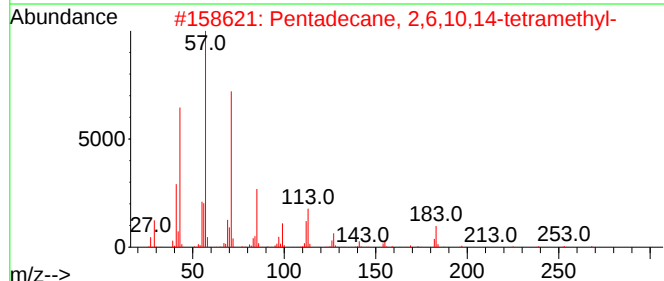
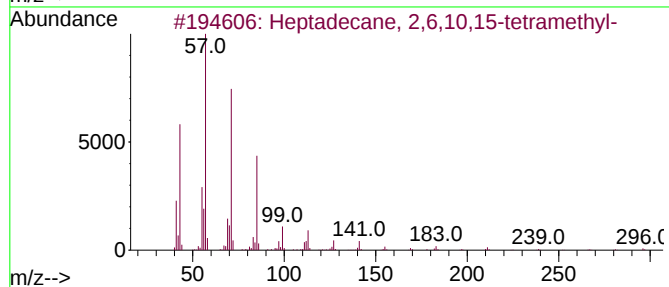
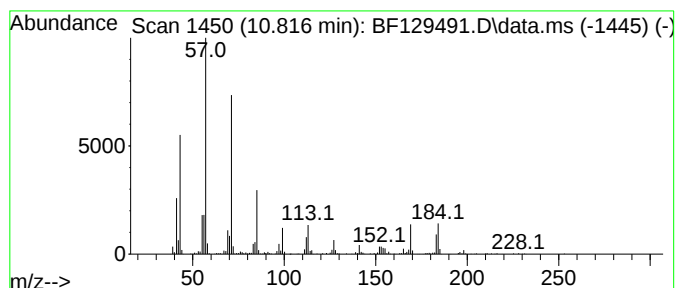
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.816	17.42 ng	809347	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	72
2	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	72
3	Octane, 2-methyl-		128	C9H20	003221-61-2	64
4	Octadecane, 2,6-dimethyl-		282	C20H42	075163-97-2	64
5	Sulfurous acid, decyl 2-ethylhex...		334	C18H38O3S	1000309-19-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP3-0729

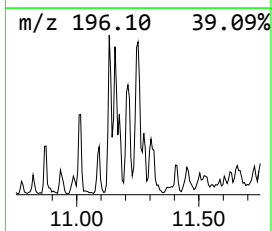
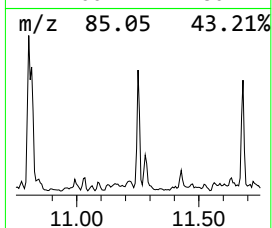
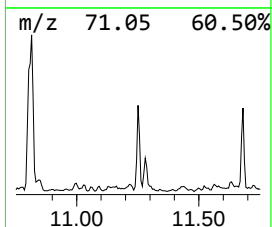
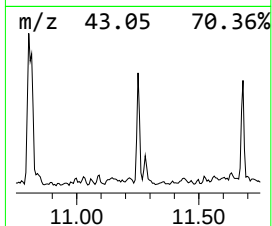
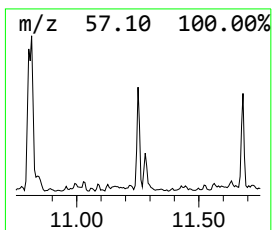
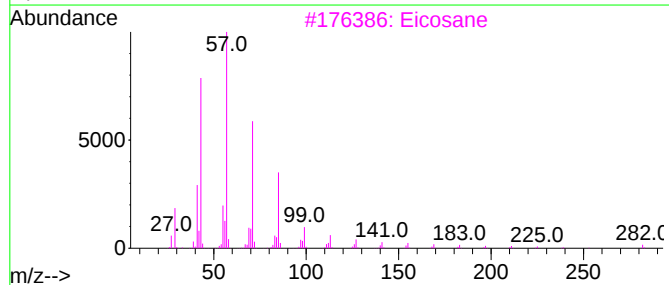
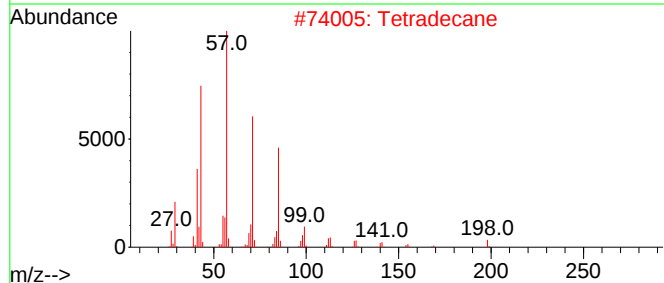
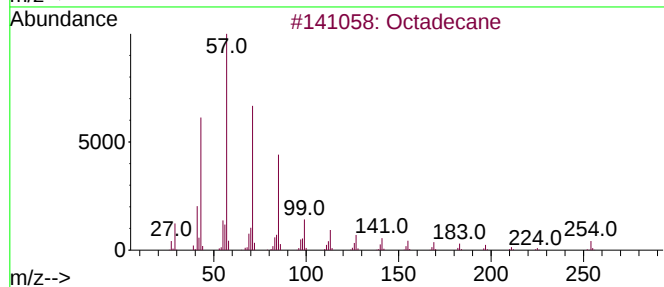
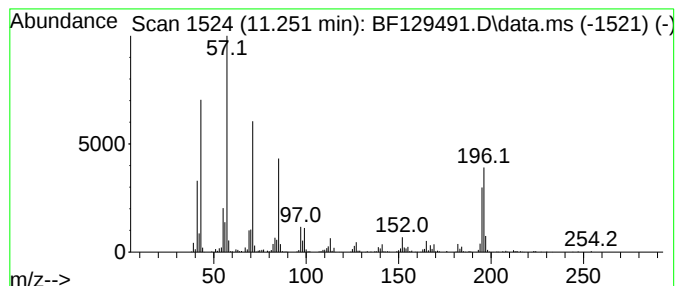
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	8.83 ng	410230	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	83
2			Tetradecane	198	C14H30	000629-59-4	55
3			Eicosane	282	C20H42	000112-95-8	53
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
5			Tetracosane	338	C24H50	000646-31-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
TP3-0729

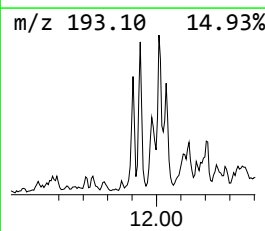
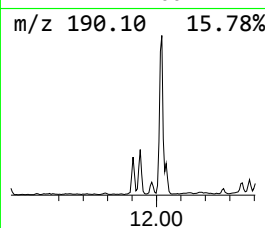
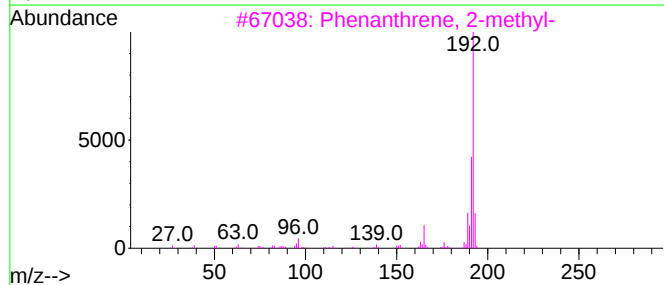
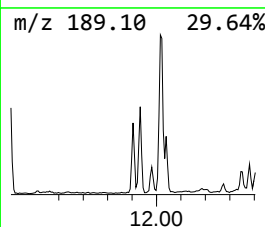
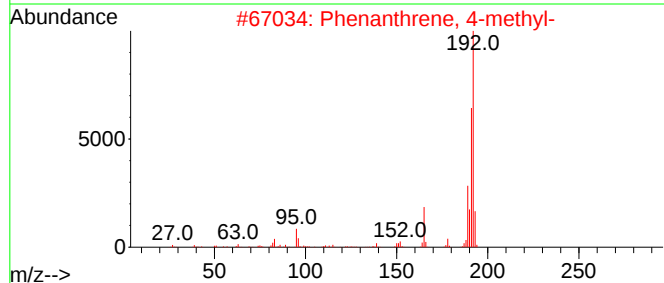
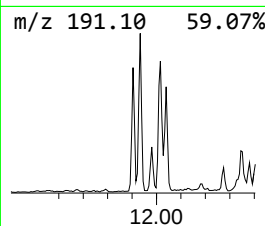
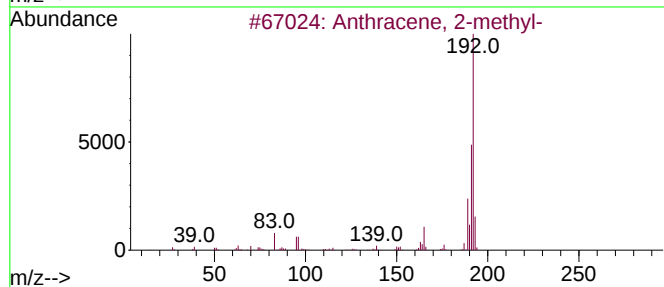
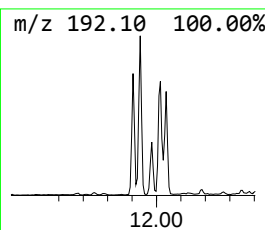
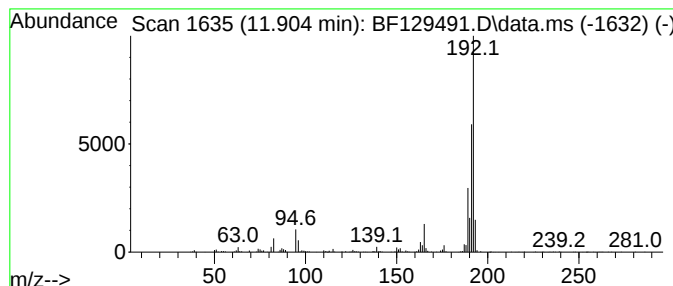
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	9.49 ng	440828	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
Operator : CG\JU
Sample : N3976-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP3-0729

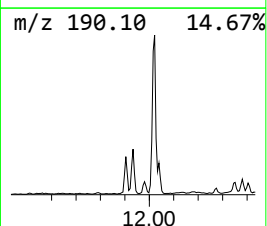
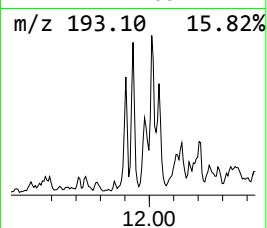
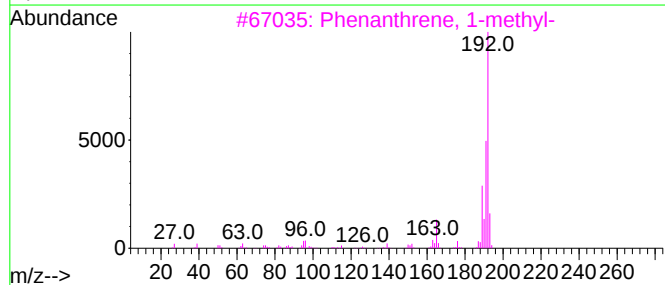
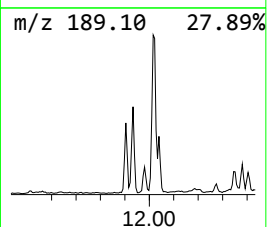
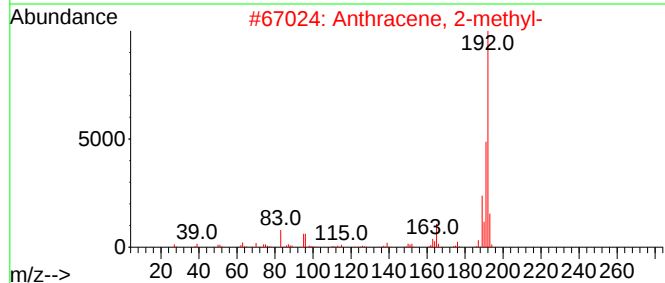
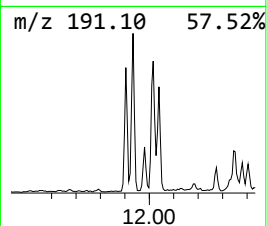
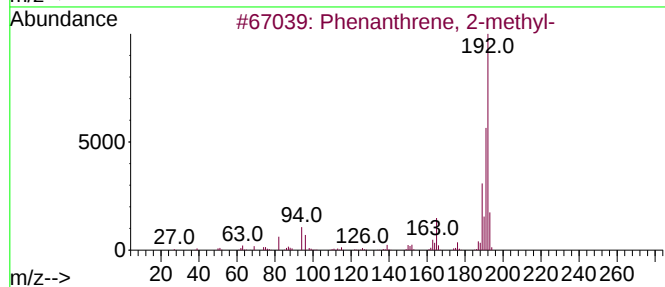
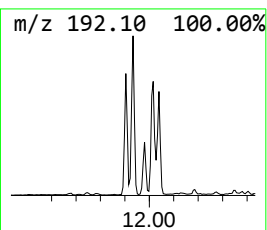
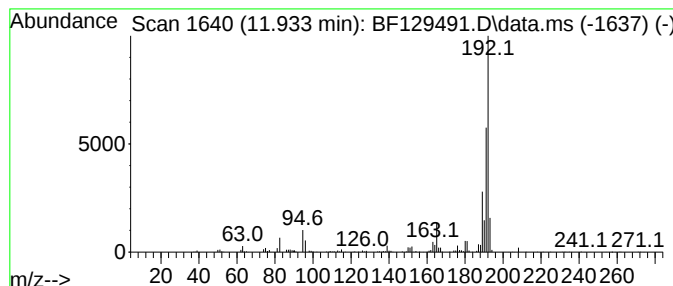
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	15.98 ng	742383	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
Operator : CG\JU
Sample : N3976-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

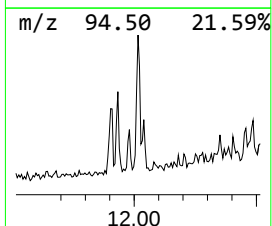
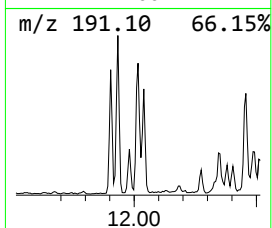
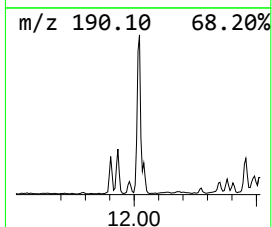
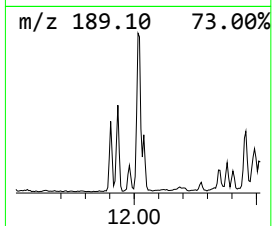
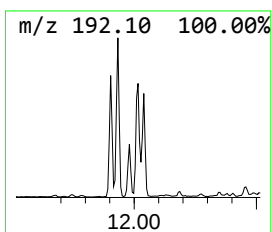
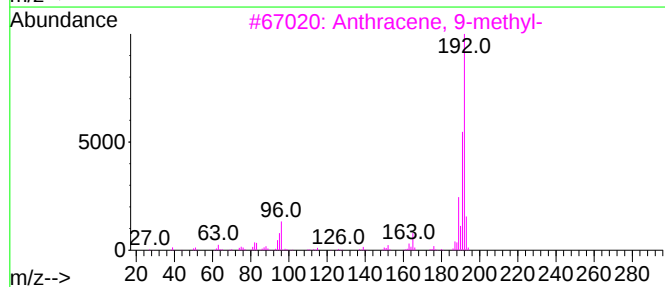
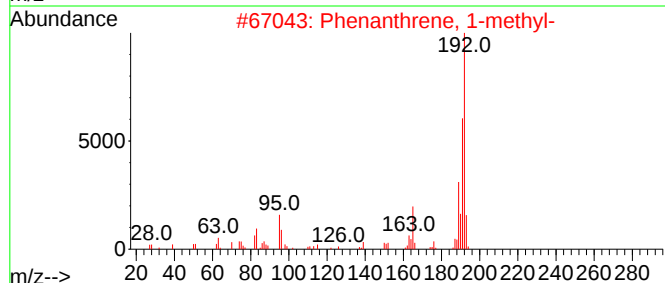
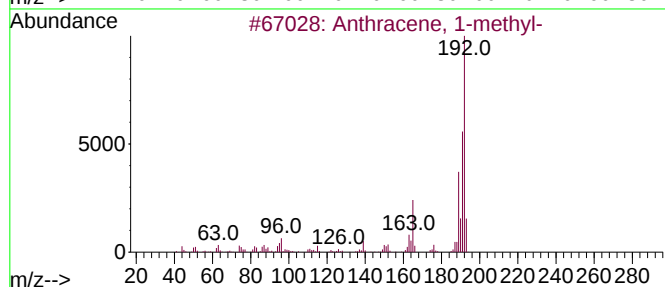
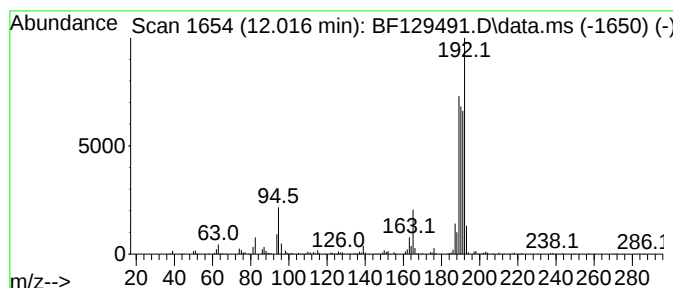
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.016	17.29 ng	803635	Phenanthrene-d10		11.404	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	53
4		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	49
5		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
Operator : CG\JU
Sample : N3976-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

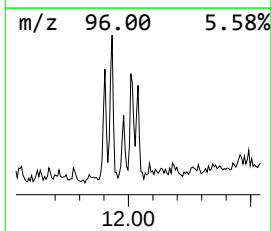
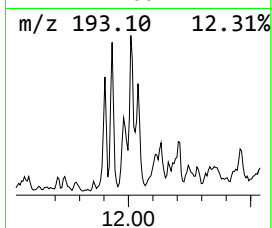
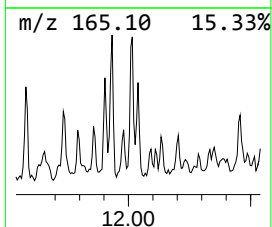
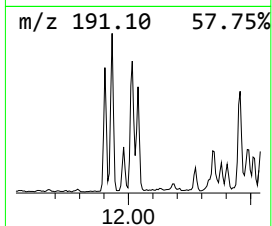
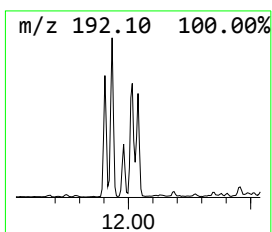
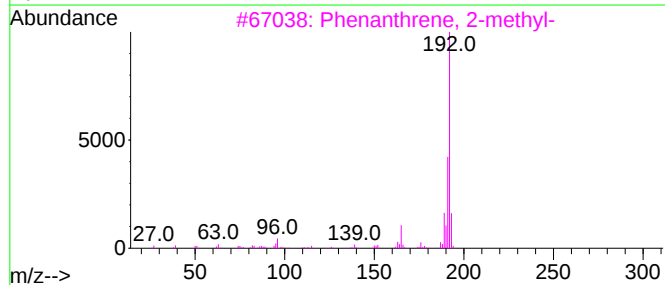
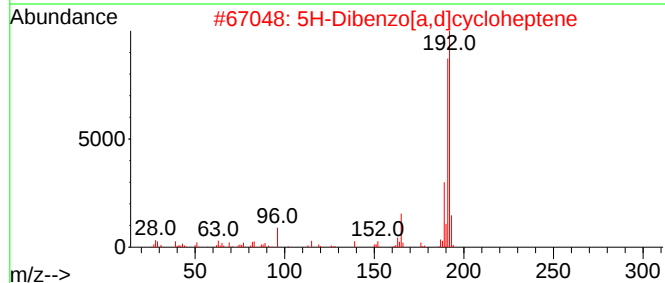
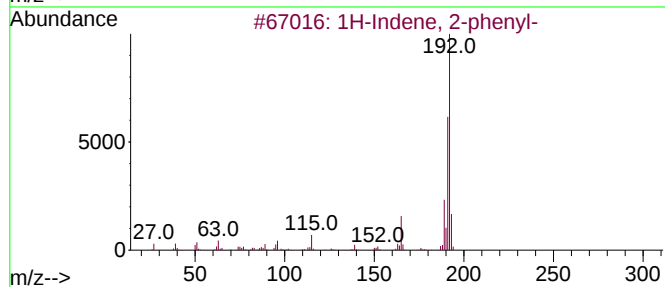
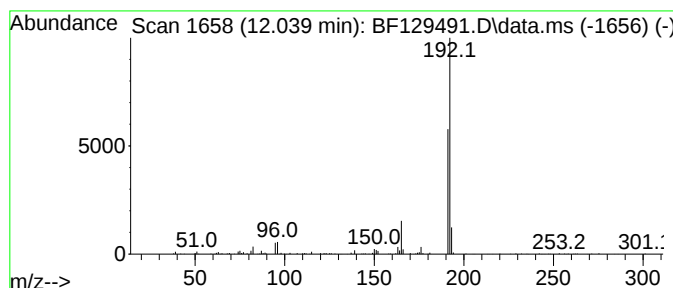
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Indene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.039	7.01 ng	325618	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	86
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	81
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
Operator : CG\JU
Sample : N3976-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-0729

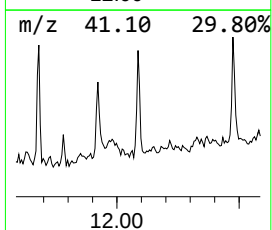
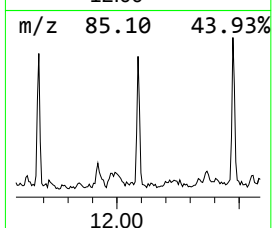
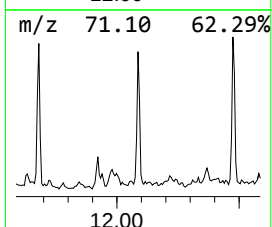
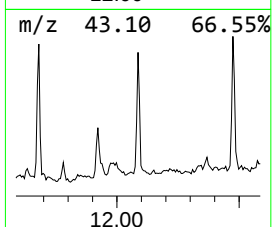
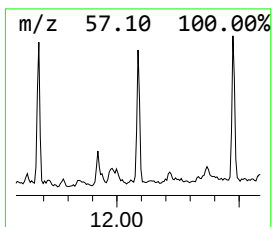
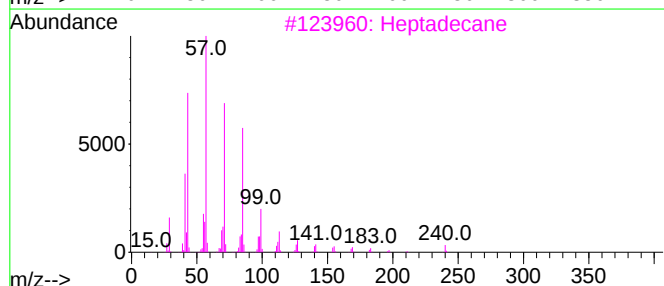
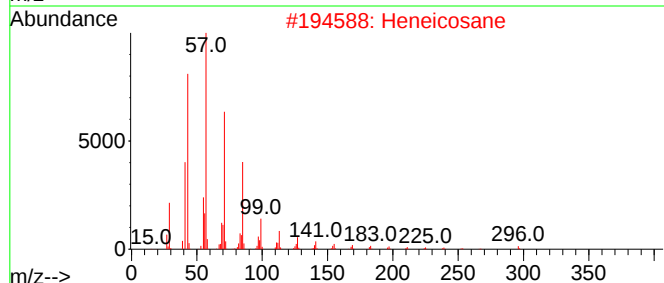
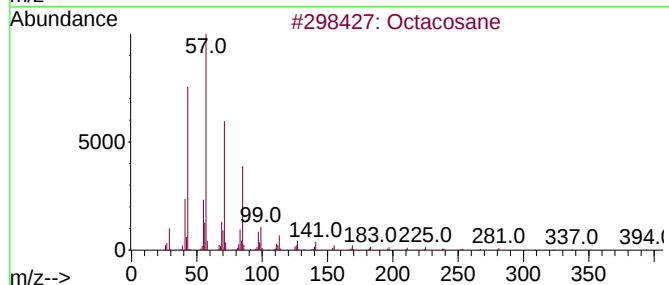
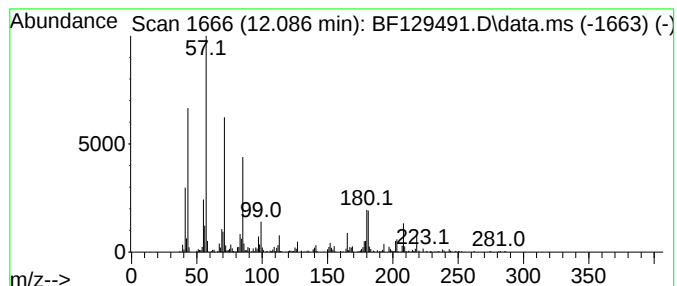
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	6.27 ng	291429	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	60
2			Heneicosane	296	C21H44	000629-94-7	60
3			Heptadecane	240	C17H36	000629-78-7	53
4			Pentadecane	212	C15H32	000629-62-9	53
5			Heptacosane	380	C27H56	000593-49-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
Operator : CG\JU
Sample : N3976-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

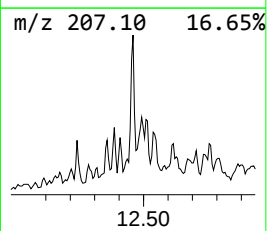
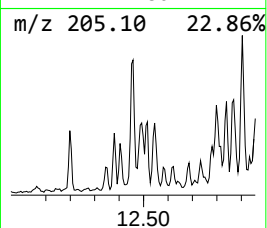
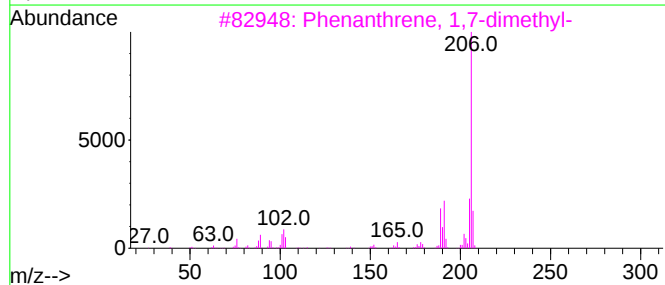
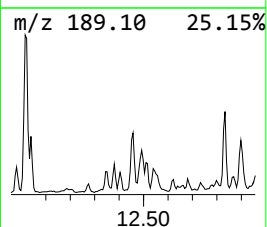
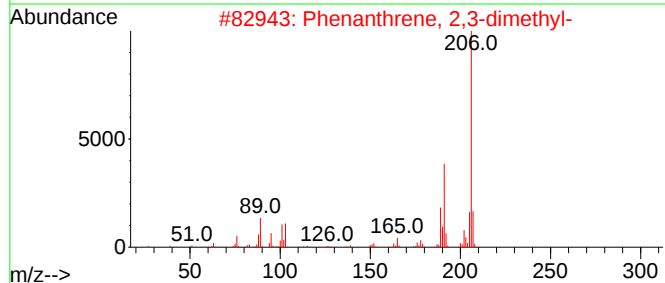
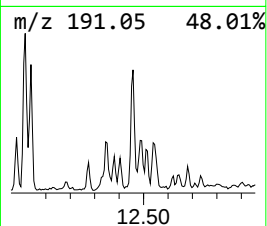
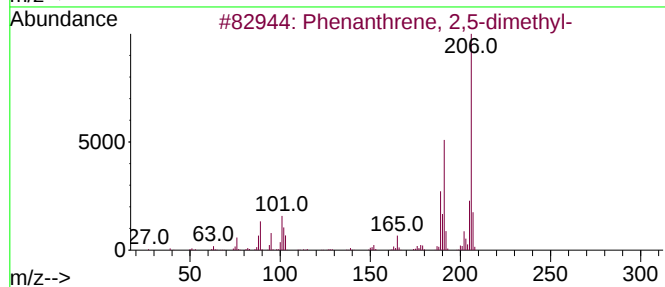
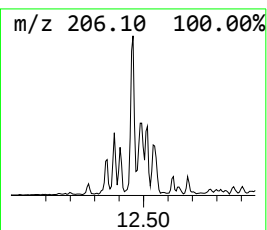
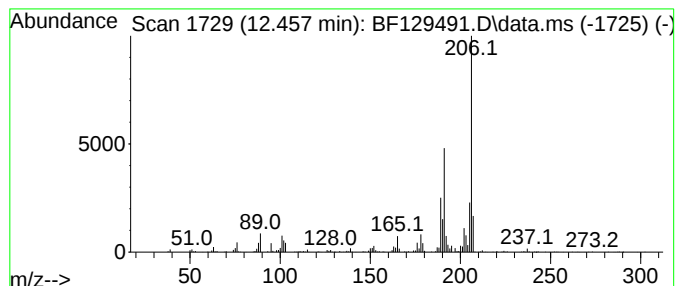
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.457	14.72 ng	684049	Phenanthrene-d10			11.404
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	94
2	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	91
3	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	90
4	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	90
5	9,10-Dimethylanthracene		206	C16H14	000781-43-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
Operator : CG\JU
Sample : N3976-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-0729

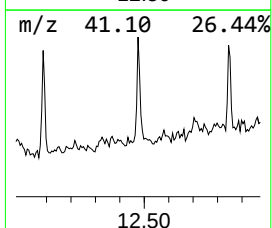
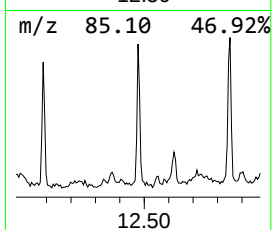
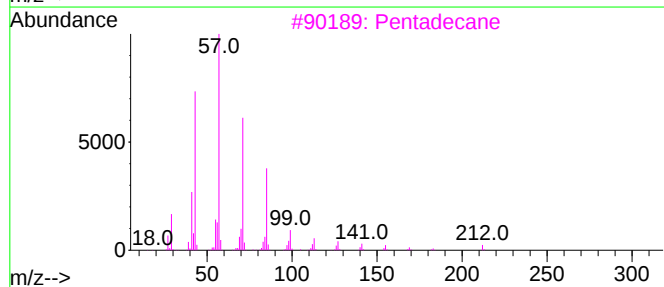
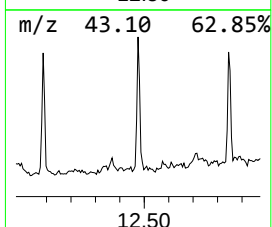
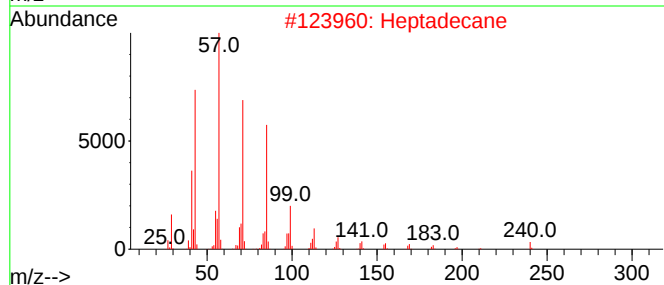
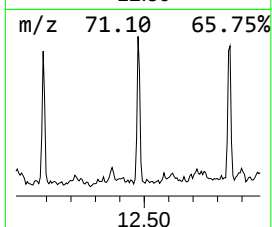
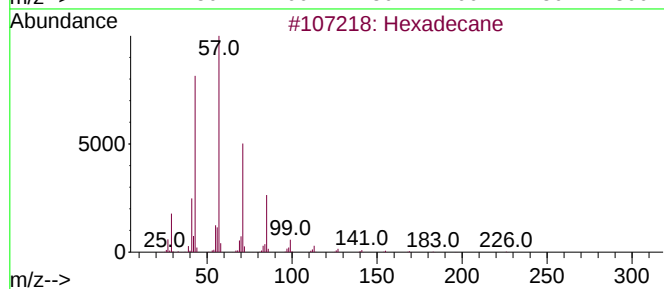
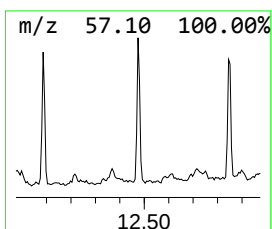
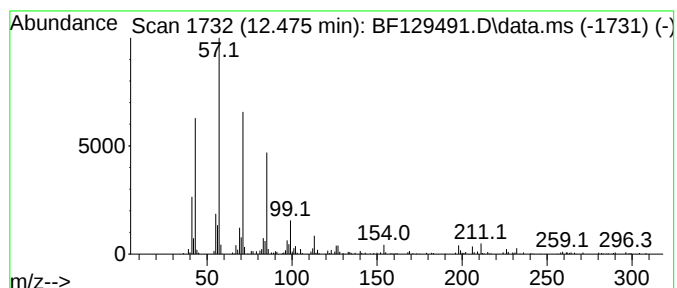
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	10.65 ng	495102	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Heptadecane	240	C17H36	000629-78-7	94
3			Pentadecane	212	C15H32	000629-62-9	93
4			Heneicosane	296	C21H44	000629-94-7	90
5			Eicosane	282	C20H42	000112-95-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
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Sample : N3976-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

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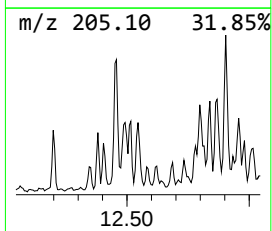
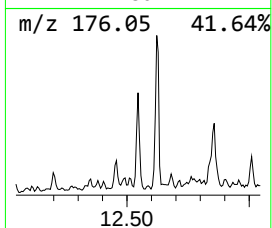
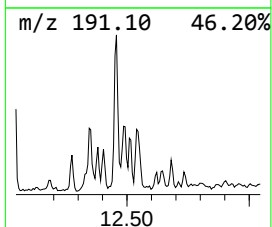
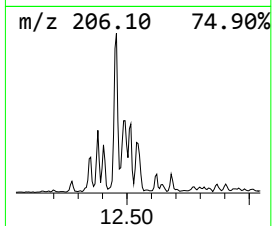
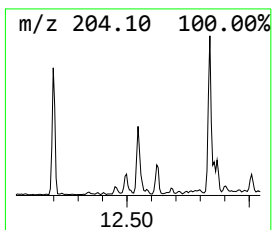
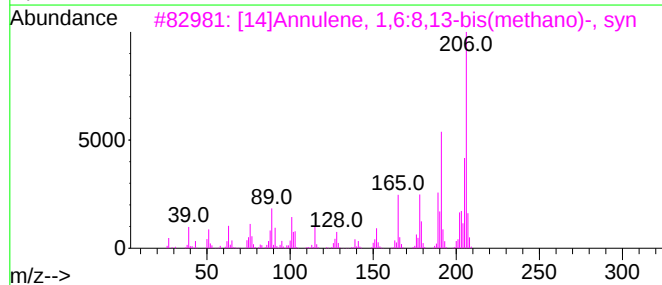
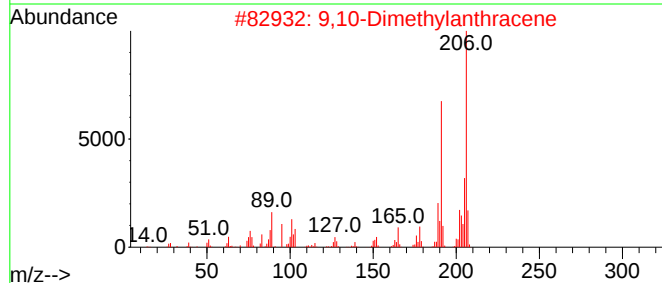
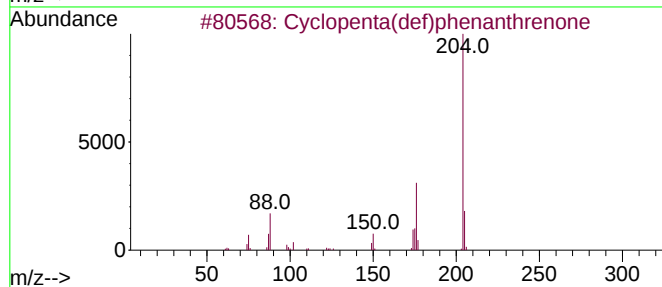
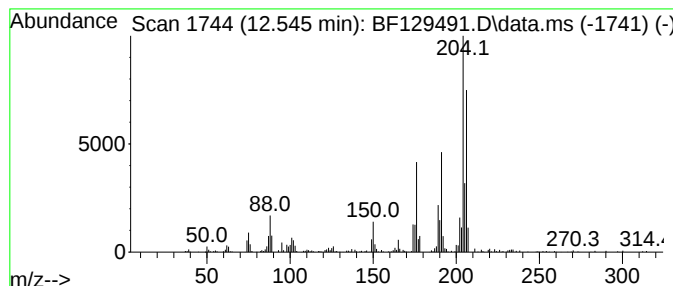
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	8.37 ng	388862	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	93
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	87
3			[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	55
4			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	50
5			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
Operator : CG\JU
Sample : N3976-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-0729

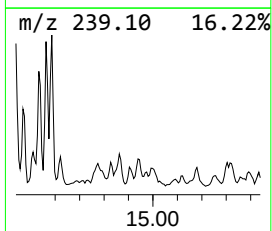
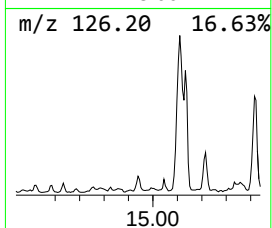
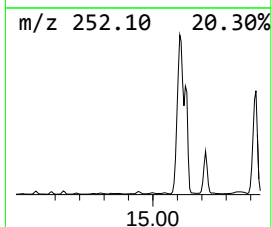
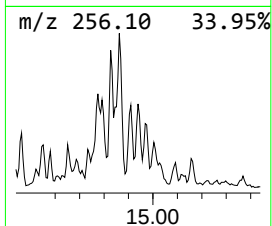
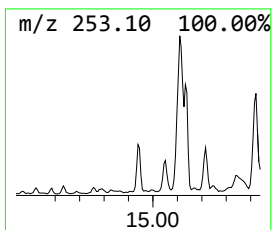
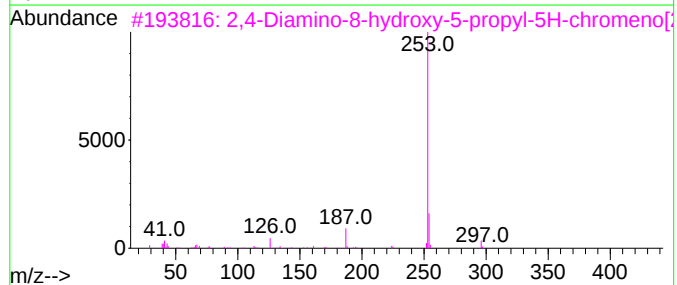
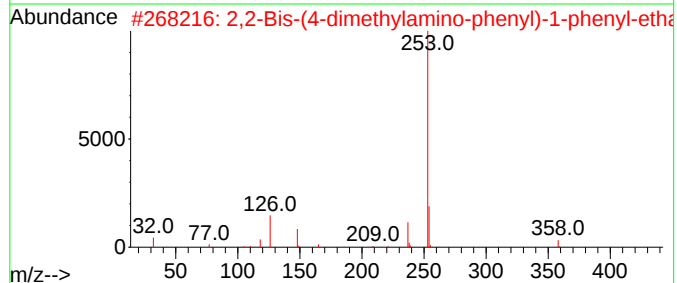
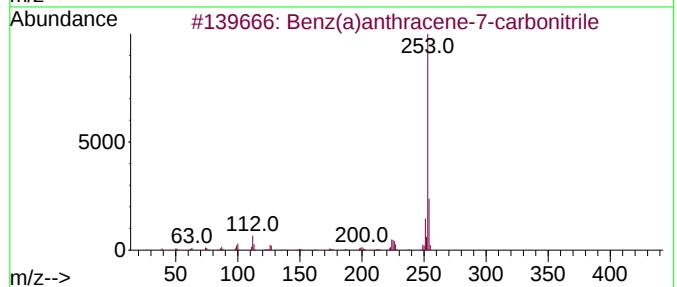
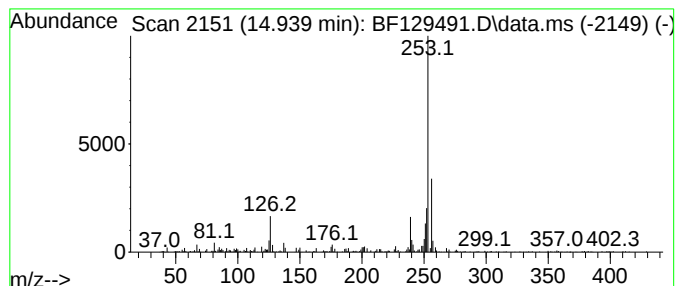
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown14.939 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.939	7.78 ng	365163	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	37
2			2,2-Bis-(4-dimethylamino-phenyl)...	358	C24H26N2O	1000318-51-8	25
3			2,4-Diamino-8-hydroxy-5-propyl-5...	296	C16H16N4O2	1000444-21-9	23
4			Carbonic acid, monoamide, N-(2,4...	253	C13H19NO4	1000339-98-7	9
5			9H-carbazole-3,6-diamine, N3,N3,...	253	C16H19N3	1010396-68-8	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
Operator : CG\JU
Sample : N3976-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-0729

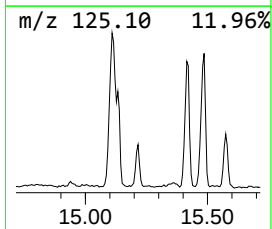
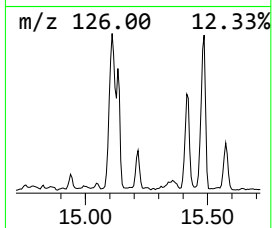
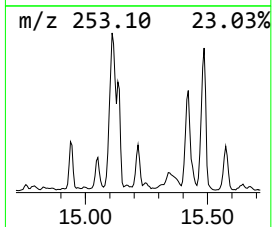
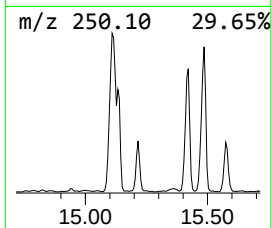
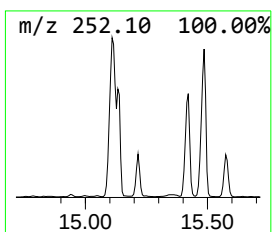
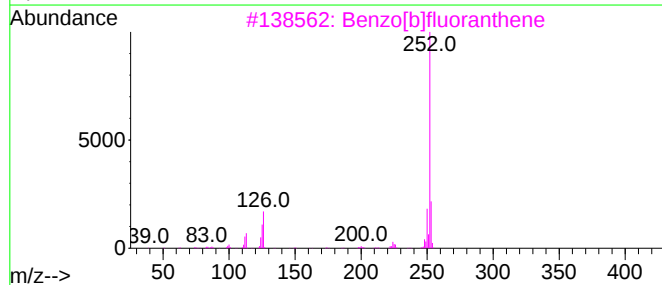
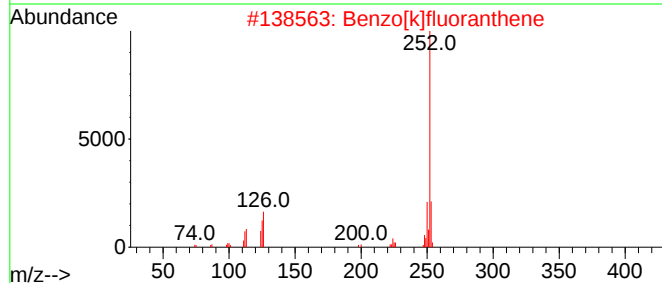
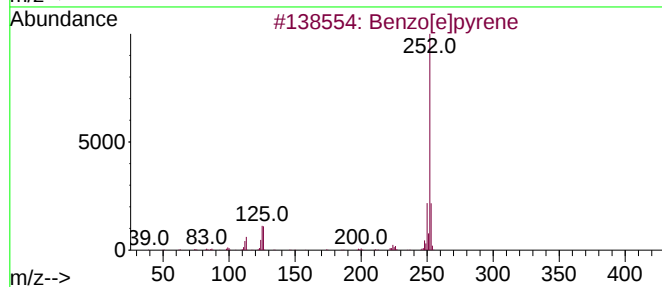
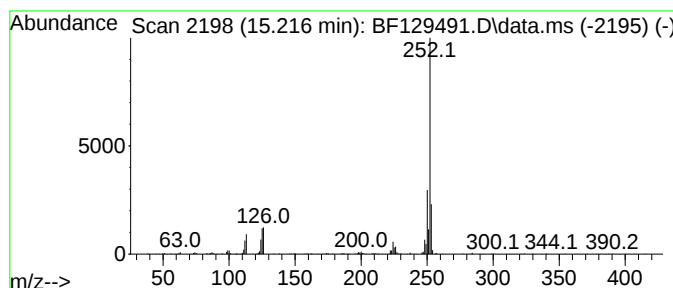
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	11.52 ng	540938	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
Operator : CG\JU
Sample : N3976-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-0729

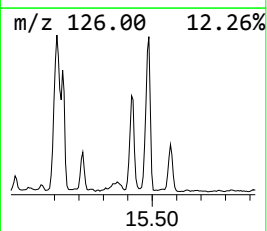
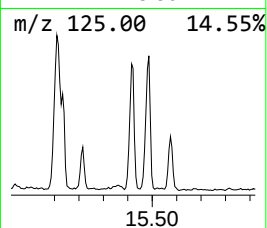
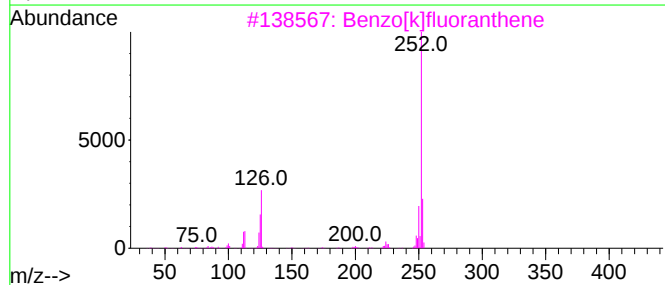
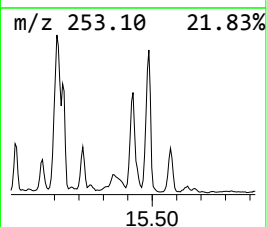
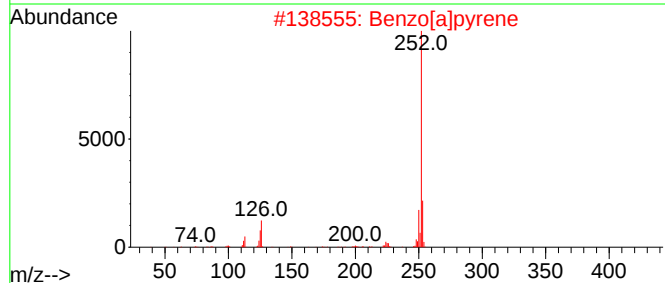
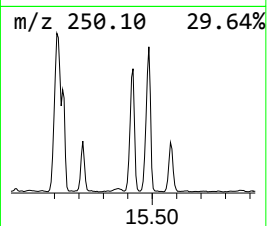
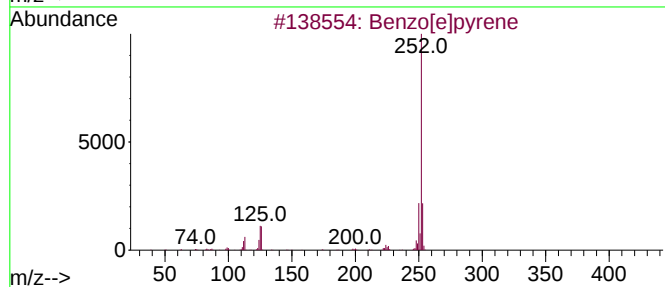
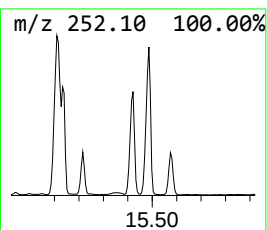
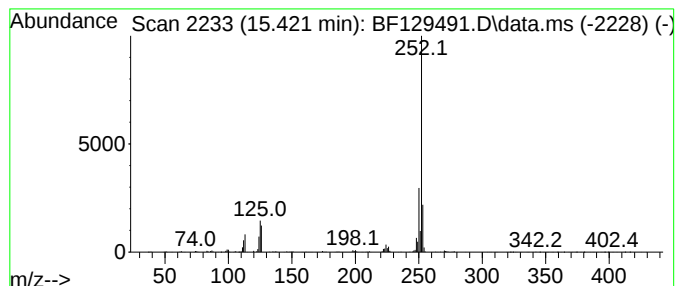
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	42.75 ng	2007110	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[a]pyrene	252	C20H12	000050-32-8	97
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5		Perylene	252	C20H12	000198-55-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129491.D
Acq On : 02 Aug 2022 00:40
Operator : CG\JU
Sample : N3976-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-0729

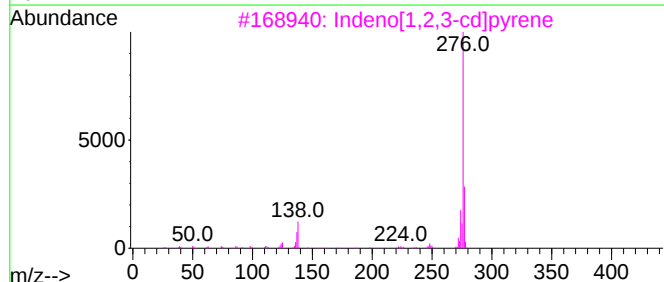
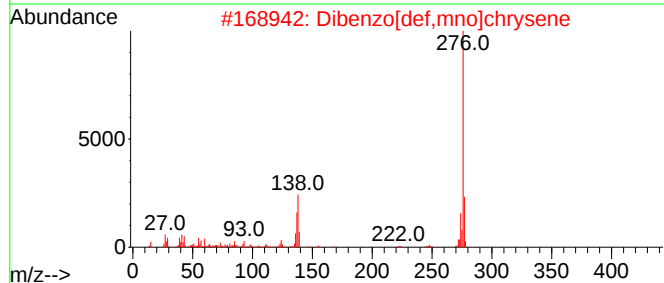
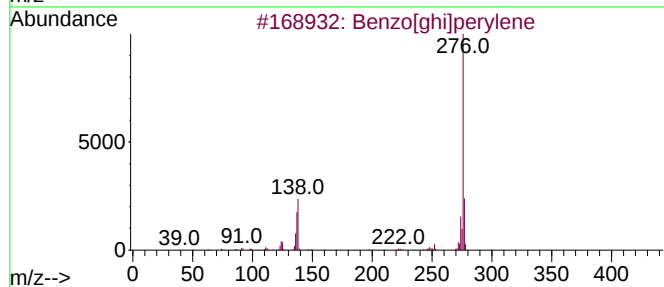
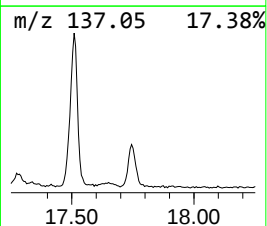
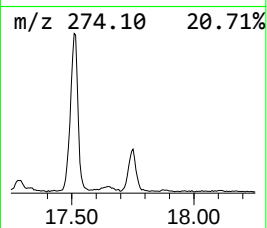
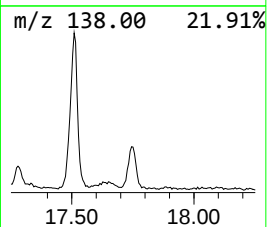
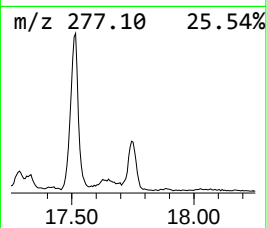
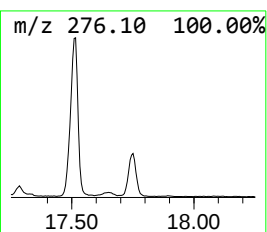
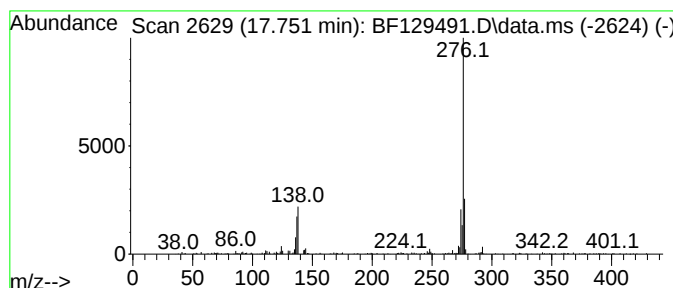
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzoic acid, 2-acetoxy-6-b... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	6.48 ng	304069	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[ghi]perylene	276	C22H12	000191-24-2	93
2			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
3			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	86
4			Benzoic acid, 2-acetoxy-6-bromo-...	316	C12H13BrO5	1000268-53-4	59
5			Phenol, 2-(4-chlorophenylimino-...	276	C13H9ClN2O3	1000262-90-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129491.D
 Acq On : 02 Aug 2022 00:40
 Operator : CG\JU
 Sample : N3976-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0729

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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
Octane, 3,6-dim...	8.563	7.9	ng	470876	2	8.157	1189770	20.0
Tetradecane	9.298	8.3	ng	373439	3	9.910	894384	20.0
Naphthalene, 2,...	9.569	9.0	ng	402142	3	9.910	894384	20.0
Hexadecane	9.828	7.7	ng	344367	3	9.910	894384	20.0
Naphthalene, 2,...	10.228	6.3	ng	280216	3	9.910	894384	20.0
Dodecane	10.334	13.5	ng	604212	3	9.910	894384	20.0
Heptadecane, 2,...	10.816	17.4	ng	809347	4	11.404	929417	20.0
Octadecane	11.251	8.8	ng	410230	4	11.404	929417	20.0
Anthracene, 2-m...	11.904	9.5	ng	440828	4	11.404	929417	20.0
Phenanthrene, 2...	11.933	16.0	ng	742383	4	11.404	929417	20.0
Anthracene, 1-m...	12.016	17.3	ng	803635	4	11.404	929417	20.0
1H-Indene, 2-ph...	12.039	7.0	ng	325618	4	11.404	929417	20.0
Octacosane	12.086	6.3	ng	291429	4	11.404	929417	20.0
Phenanthrene, 2...	12.457	14.7	ng	684049	4	11.404	929417	20.0
Heptadecane	12.475	10.7	ng	495102	4	11.404	929417	20.0
Cyclopenta(def)...	12.545	8.4	ng	388862	4	11.404	929417	20.0
unknown14.939	14.939	7.8	ng	365163	6	15.545	938969	20.0
Benzo[e]pyrene	15.216	11.5	ng	540938	6	15.545	938969	20.0
Perylene	15.421	42.8	ng	2007110	6	15.545	938969	20.0
Benzoic acid, 2...	17.751	6.5	ng	304069	6	15.545	938969	20.0