LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133630.D
Acq On : 07 Jun 2023 17:55
Operator : CG\JU
Sample : 03018-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-4648

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-BF052523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133630.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.887	302	306	311	rVB	36875	47071	2.08%	0.142%
2	4.463	400	404	412	rBV3	25193	45918	2.03%	0.138%
3	4.551	414	419	423	rBV	155575	172896	7.63%	0.520%
4	5.046	499	503	508	rBV	65145	72540	3.20%	0.218%
5	5.446	560	571	574	rBV	2149180	2208091	97.46%	6.644%
6	5.681	608	611	613	rBV	46070	41148	1.82%	0.124%
7	5.740	619	621	627	rVB	45247	41447	1.83%	0.125%
8	6.081	674	679	682	rBV3	27506	42774	1.89%	0.129%
9	6.363	724	727	729	rBV2	49291	49550	2.19%	0.149%
10	6.463	736	744	747	rBV	2246663	2136254	94.29%	6.428%
11	6.669	775	779	782	rBV2	78206	95215	4.20%	0.287%
12	6.834	804	807	814	rVB	1013681	849653	37.50%	2.557%
13	7.234	870	875	878	rBV3	43970	64693	2.86%	0.195%
14	7.398	899	903	906	rVV	1699180	1435097	63.34%	4.318%
15	7.428	906	908	912	rVB	75672	68111	3.01%	0.205%
16	7.475	912	916	920	rVB4	31451	41207	1.82%	0.124%
17	7.534	920	926	930	rBV3	24909	42418	1.87%	0.128%
18	8.116	1020	1025	1028	rBV	1178897	1099526	48.53%	3.308%
19	8.139	1028	1029	1032	rVV	231813	126542	5.59%	0.381%
20	8.175	1032	1035	1038	rVB	57079	55277	2.44%	0.166%
21	8.539	1094	1097	1102	rBV	93362	86760	3.83%	0.261%
22	8.710	1123	1126	1130	rVB	90182	70094	3.09%	0.211%
23	8.834	1144	1147	1150	rVB	147427	125154	5.52%	0.377%
24	8.928	1160	1163	1166	rBV	94104	70476	3.11%	0.212%
25	9.192	1204	1208	1212	rBV	2542614	2265553	100.00%	6.817%
26	9.275	1219	1222	1224	rBV	92508	76325	3.37%	0.230%
27	9.457	1249	1253	1257	rVB3	45909	66757	2.95%	0.201%
28	9.533	1263	1266	1268	rBV	66250	64782	2.86%	0.195%
29	9.557	1268	1270	1272	rVB	55256	39790	1.76%	0.120%
30	9.598	1272	1277	1279	rBV2	57203	62977	2.78%	0.189%
31	9.733	1295	1300	1304	rBV	206258	168994	7.46%	0.509%
32	9.804	1310	1312	1315	rVB	80480	56407	2.49%	0.170%
33	9.875	1320	1324	1327	rVV	1141125	948270	41.86%	2.853%
34	9.904	1327	1329	1333	rVB	86047	74411	3.28%	0.224%
35	10.075	1355	1358	1362	rVV	93941	87118	3.85%	0.262%
36	10.304	1395	1397	1399	rVB	78449	57090	2.52%	0.172%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
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Acq On : 07 Jun 2023 17:55
Operator : CG\JU
Sample : 03018-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-4648

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-BF052523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.416	1413	1416	1419	rBV2	55687	64363	2.84%	0.194%
38	10.528	1430	1435	1439	rVV4	31428	49304	2.18%	0.148%
39	10.586	1440	1445	1447	rVV2	105225	99873	4.41%	0.301%
40	10.663	1454	1458	1461	rBV	1366895	1150937	50.80%	3.463%
41	10.780	1475	1478	1486	rBV3	94106	149710	6.61%	0.450%
42	11.163	1540	1543	1548	rBV2	65933	65907	2.91%	0.198%
43	11.227	1552	1554	1557	rVV	70923	67920	3.00%	0.204%
44	11.257	1557	1559	1567	rVB2	66148	65550	2.89%	0.197%
45	11.363	1573	1577	1579	rBV	1017291	855796	37.77%	2.575%
46	11.386	1579	1581	1584	rVV	669747	498407	22.00%	1.500%
47	11.433	1587	1589	1592	rVB	151021	130697	5.77%	0.393%
48	11.539	1602	1607	1610	rVB5	44453	52381	2.31%	0.158%
49	11.592	1613	1616	1618	rBV	61130	42867	1.89%	0.129%
50	11.657	1625	1627	1630	rVV	68141	47527	2.10%	0.143%
51	11.863	1659	1662	1664	rBV	90552	75851	3.35%	0.228%
52	11.892	1664	1667	1671	rVV	316087	296578	13.09%	0.892%
53	11.939	1672	1675	1677	rVV2	53707	59572	2.63%	0.179%
54	11.975	1677	1681	1684	rVV	210547	236593	10.44%	0.712%
55	11.998	1684	1685	1689	rVB	81069	49536	2.19%	0.149%
56	12.063	1694	1696	1699	rVV2	64398	66248	2.92%	0.199%
57	12.163	1710	1713	1715	rBV	107534	104294	4.60%	0.314%
58	12.180	1715	1716	1723	rVB2	60149	61989	2.74%	0.187%
59	12.339	1741	1743	1745	rBV	54760	42637	1.88%	0.128%
60	12.416	1752	1756	1759	rBV	131782	127197	5.61%	0.383%
61	12.451	1759	1762	1764	rVV2	94937	91984	4.06%	0.277%
62	12.498	1768	1770	1776	rVB	148040	135619	5.99%	0.408%
63	12.580	1780	1784	1787	rBV	1967563	1668243	73.64%	5.020%
64	12.622	1788	1791	1793	rBV	51553	54141	2.39%	0.163%
65	12.674	1797	1800	1802	rBV	98278	83972	3.71%	0.253%
66	12.727	1807	1809	1813	rVB2	54800	51661	2.28%	0.155%
67	12.810	1817	1823	1828	rBV	1848510	1949838	86.06%	5.867%
68	12.857	1828	1831	1836	rVB2	77754	95862	4.23%	0.288%
69	12.927	1839	1843	1844	rBV2	98879	105436	4.65%	0.317%
70	12.951	1844	1847	1854	rVB	1890459	1739309	76.77%	5.234%
71	13.021	1855	1859	1863	rBV3	139037	226480	10.00%	0.681%
72	13.110	1871	1874	1876	rBV3	91563	117513	5.19%	0.354%
73	13.133	1876	1878	1881	rVB	231850	206797	9.13%	0.622%
74	13.204	1885	1890	1892	rBV2	122657	129373	5.71%	0.389%
75	13.239	1892	1896	1899	rVV2	186207	199381	8.80%	0.600%
76	13.298	1903	1906	1909	rBV2	37185	45286	2.00%	0.136%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133630.D
Acq On : 07 Jun 2023 17:55
Operator : CG\JU
Sample : 03018-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-4648

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-BF052523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.333	1909	1912	1914	rVB	86805	66767	2.95%	0.201%
78	13.363	1914	1917	1921	rBV2	97869	101163	4.47%	0.304%
79	13.645	1962	1965	1970	rVB	167756	170795	7.54%	0.514%
80	13.757	1980	1984	1987	rBV2	162964	190642	8.41%	0.574%
81	13.786	1987	1989	1991	rVV	145227	117012	5.16%	0.352%
82	13.810	1991	1993	1997	rVV2	151846	191479	8.45%	0.576%
83	13.851	1997	2000	2003	rVB2	169502	156226	6.90%	0.470%
84	14.004	2019	2026	2029	rBV2	1226981	1813556	80.05%	5.457%
85	14.033	2029	2031	2037	rVB	867190	845143	37.30%	2.543%
86	14.116	2042	2045	2047	rVB	131166	99998	4.41%	0.301%
87	14.151	2049	2051	2053	rBV	58239	46688	2.06%	0.140%
88	14.221	2061	2063	2068	rVB2	61974	87614	3.87%	0.264%
89	14.398	2090	2093	2095	rVB	145099	136702	6.03%	0.411%
90	14.427	2096	2098	2101	rVB	100251	81974	3.62%	0.247%
91	14.486	2105	2108	2111	rVB2	89299	95629	4.22%	0.288%
92	14.521	2111	2114	2116	rBV2	97747	109529	4.83%	0.330%
93	15.051	2199	2204	2207	rBV	744499	1174319	51.83%	3.534%
94	15.157	2219	2222	2225	rVB	166934	174720	7.71%	0.526%
95	15.351	2251	2255	2261	rVB	445330	572522	25.27%	1.723%
96	15.415	2261	2266	2271	rBV	623882	775887	34.25%	2.335%
97	15.474	2272	2276	2279	rVV	417319	526370	23.23%	1.584%
98	15.504	2279	2281	2288	rVB	222284	280328	12.37%	0.844%
99	16.939	2519	2525	2533	rVB2	269581	553019	24.41%	1.664%
100	17.380	2594	2600	2612	rVB	205298	446641	19.71%	1.344%

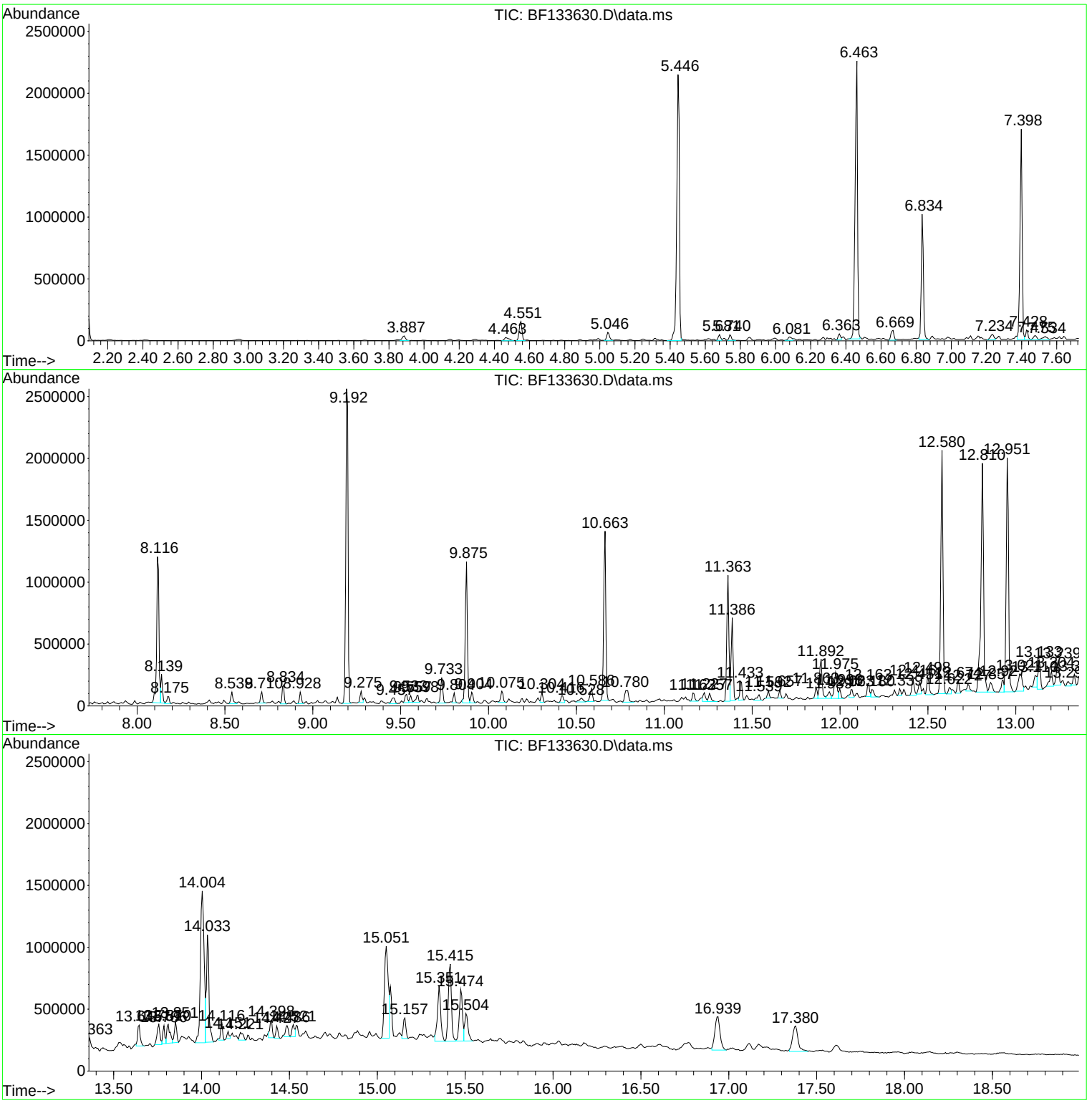
Sum of corrected areas: 33233738

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133630.D
Acq On : 07 Jun 2023 17:55
Operator : CG\JU
Sample : 03018-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-4648

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133630.D
Acq On : 07 Jun 2023 17:55
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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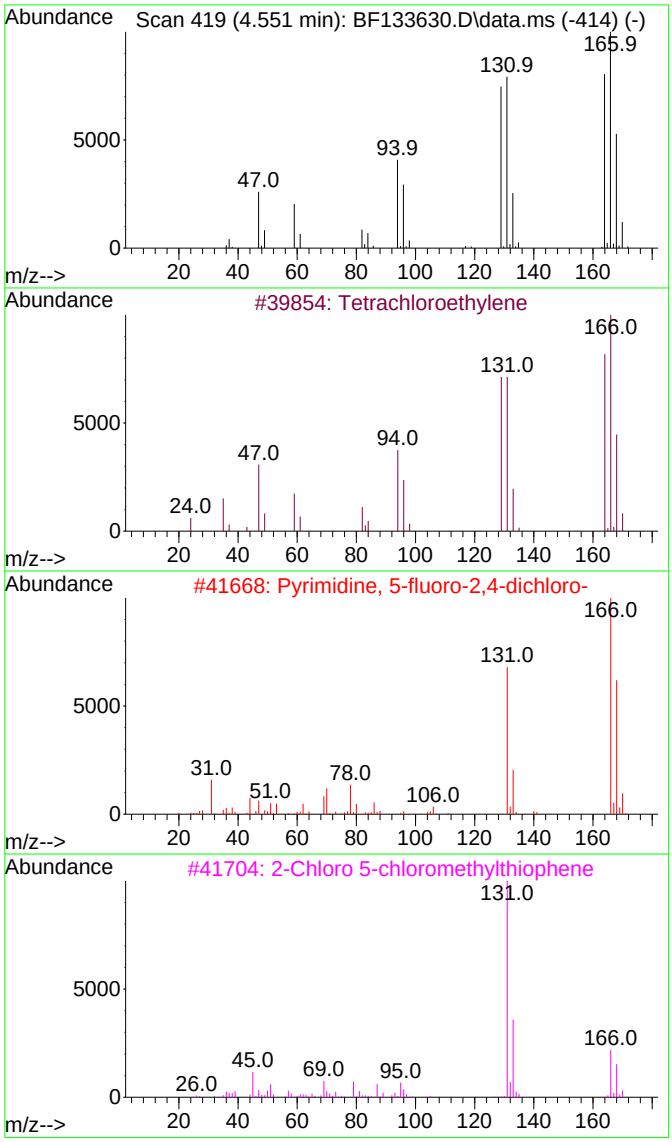
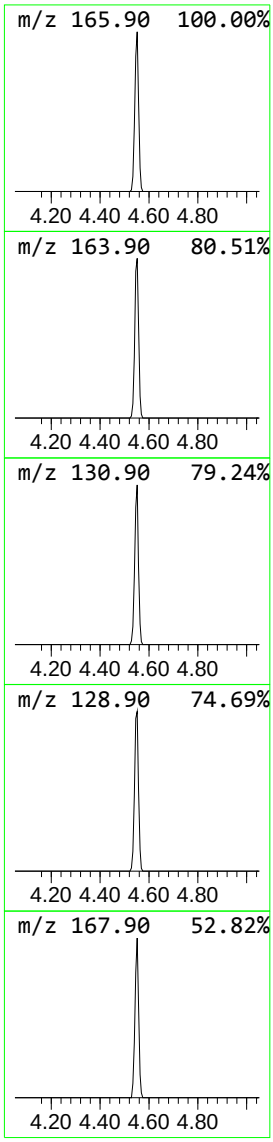
Peak Number 1 Tetrachloroethylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.551	4.07 ng	172896	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38
3	2-Chloro 5-chloromethylthiophene	166	C5H4Cl2S	023784-96-5	23
4	2-Chloroquinoxaline	164	C8H5ClN2	001448-87-9	12
5	Benzene,1,3-dichloro-5-fluoro-	164	C6H3Cl2F	001435-46-7	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133630.D
Acq On : 07 Jun 2023 17:55
Operator : CG\JU
Sample : 03018-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-4648

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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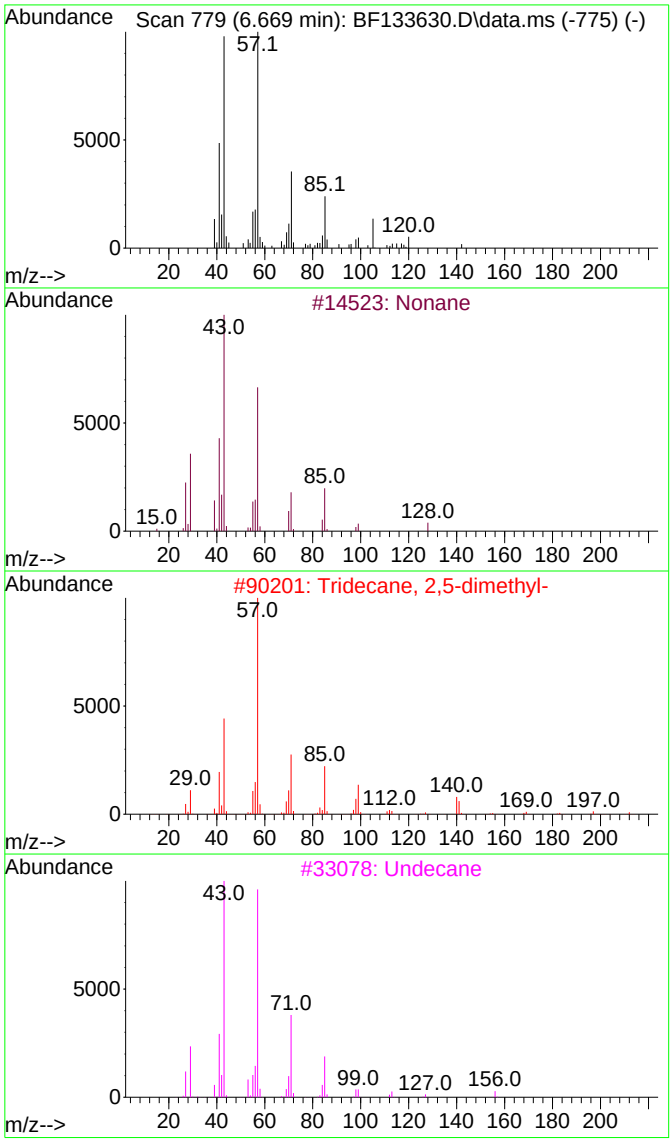
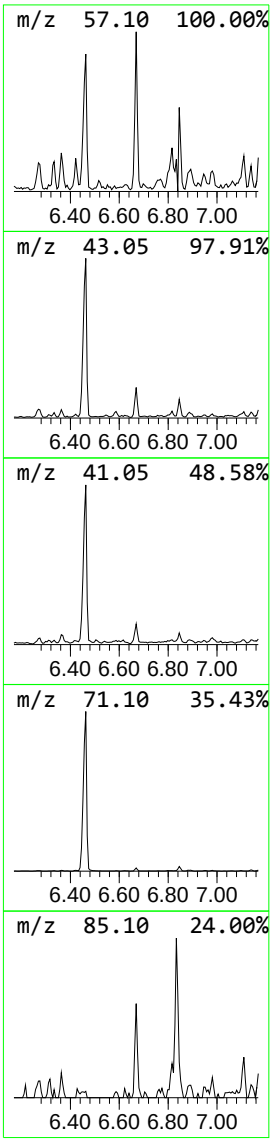
Peak Number 2 Nonane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.669	2.24 ng	95215	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	64
2	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	53
3	Undecane	156	C11H24	001120-21-4	53
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
5	Decane	142	C10H22	000124-18-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133630.D
Acq On : 07 Jun 2023 17:55
Operator : CG\JU
Sample : 03018-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-4648

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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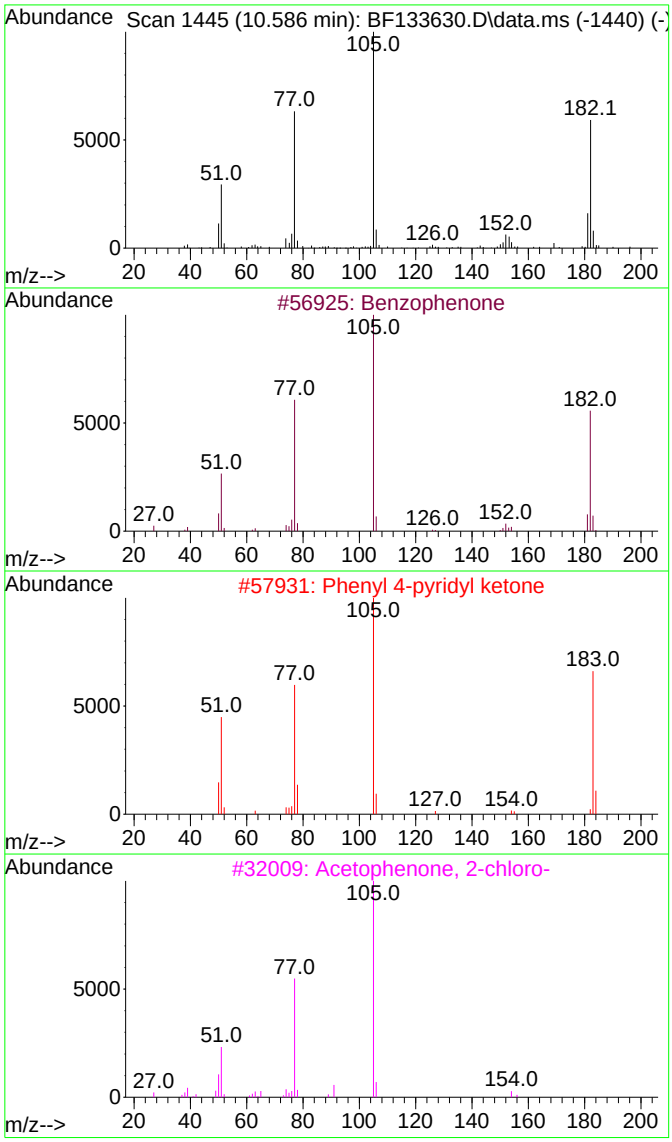
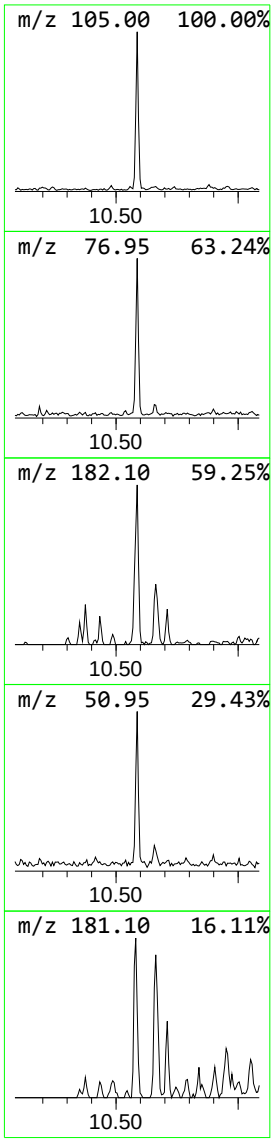
Peak Number 3 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	2.11 ng	99873	Acenaphthene-d10	9.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	43
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133630.D
Acq On : 07 Jun 2023 17:55
Operator : CG\JU
Sample : 03018-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-4648

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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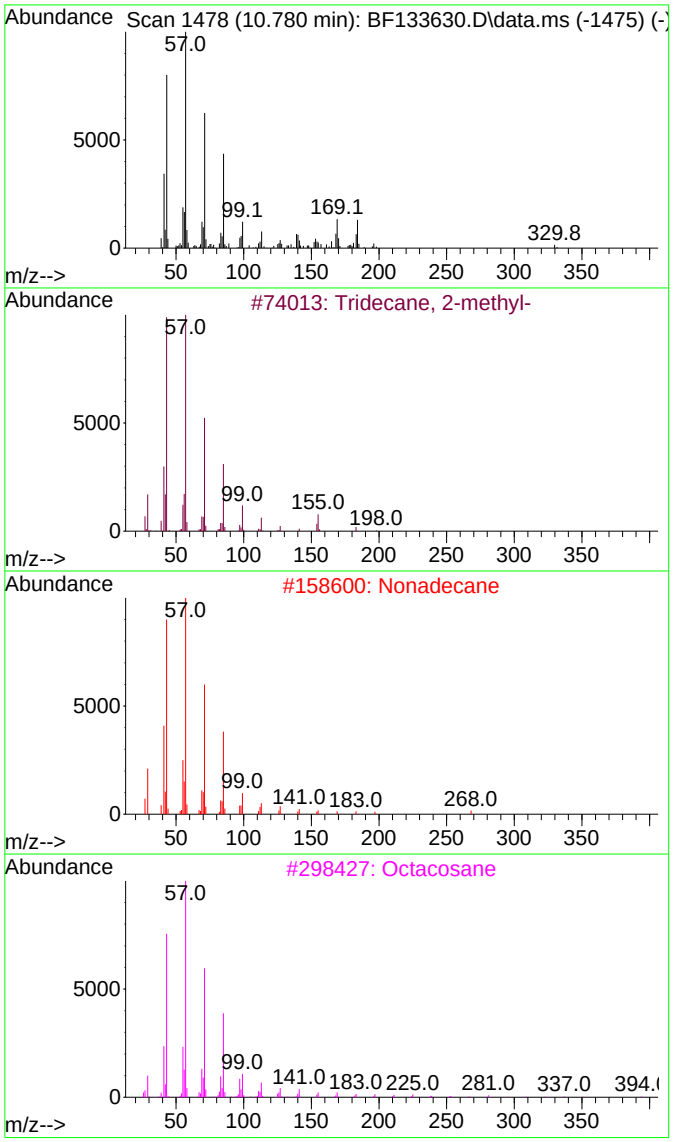
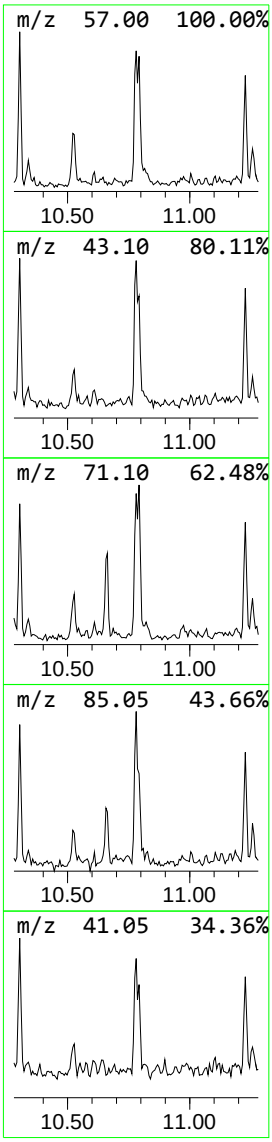
Peak Number 4 Tridecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	3.50 ng	149710	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	76
2	Nonadecane	268	C19H40	000629-92-5	74
3	Octacosane	394	C28H58	000630-02-4	74
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	74
5	Heneicosane	296	C21H44	000629-94-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133630.D
Acq On : 07 Jun 2023 17:55
Operator : CG\JU
Sample : 03018-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-4648

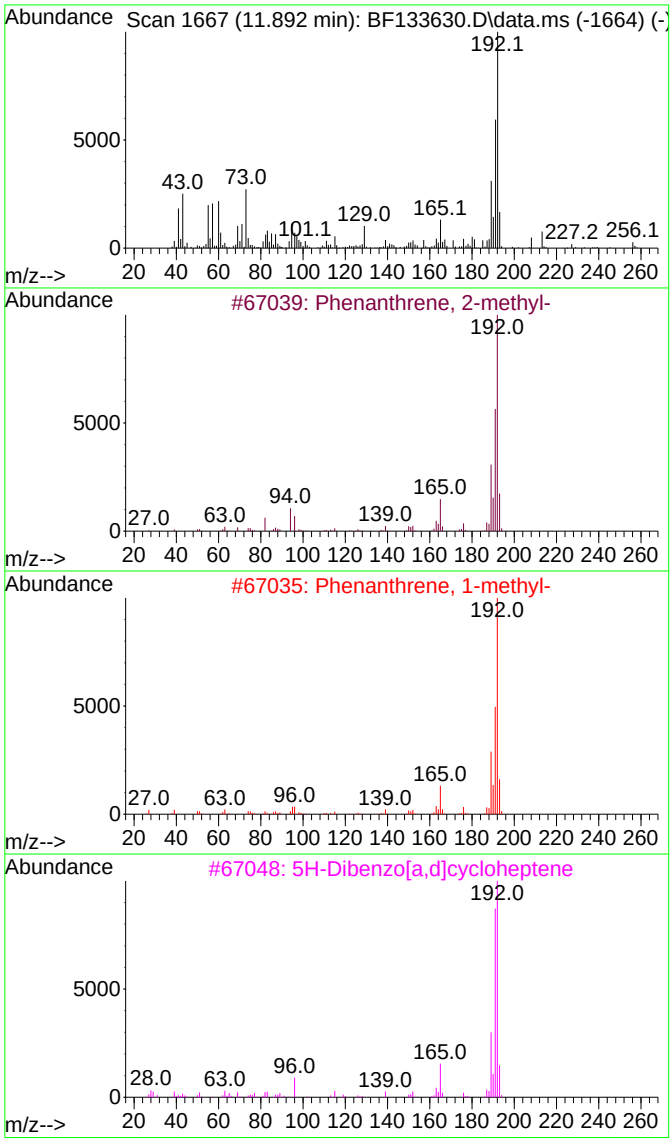
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

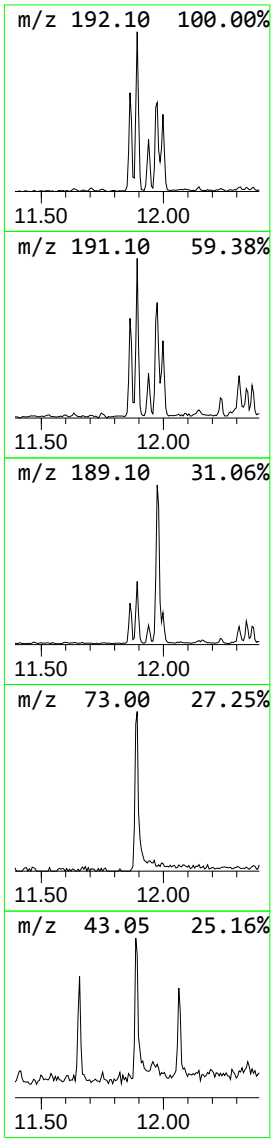
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	6.93 ng	296578	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90





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Acq On : 07 Jun 2023 17:55
Operator : CG\JU
Sample : 03018-13
Misc :
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ClientSampleId :
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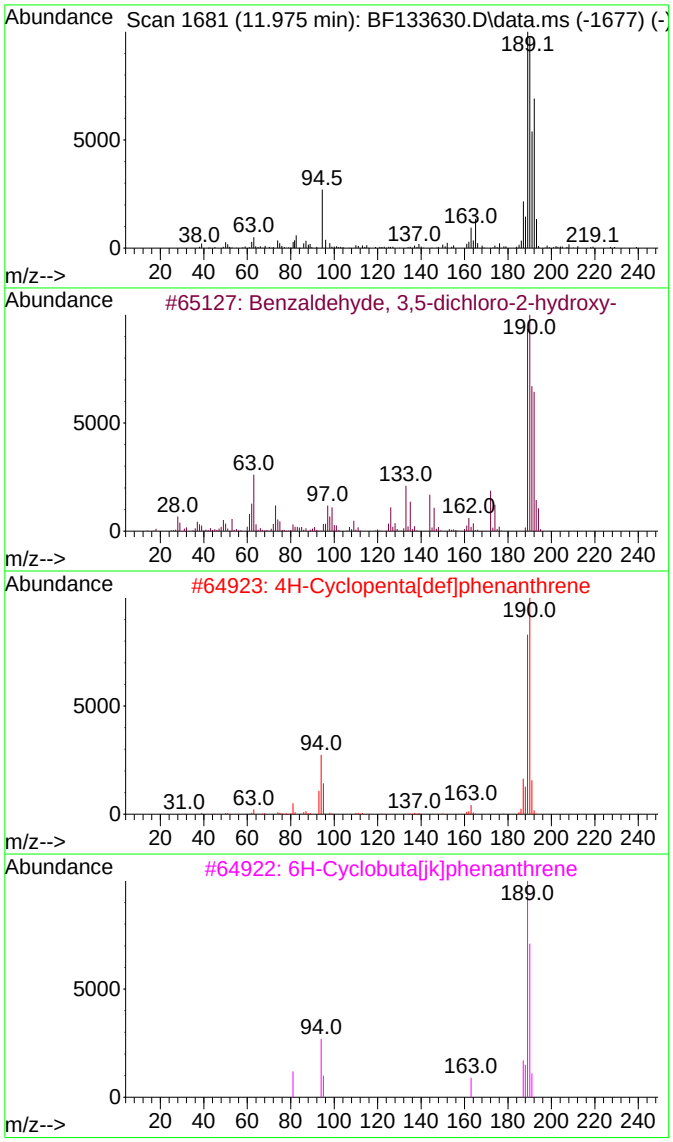
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

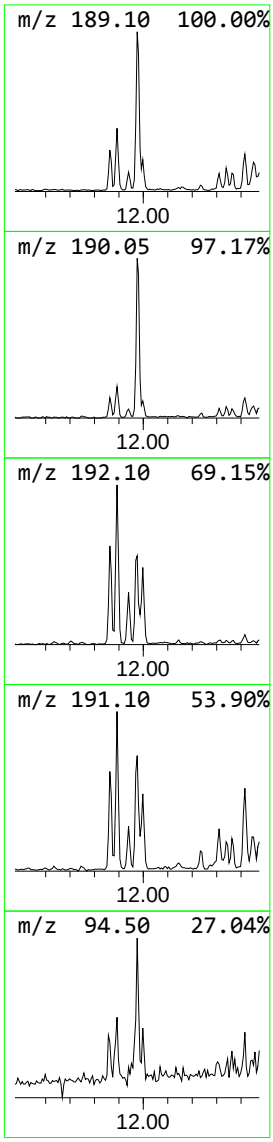
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	5.53 ng	236593	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	30





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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

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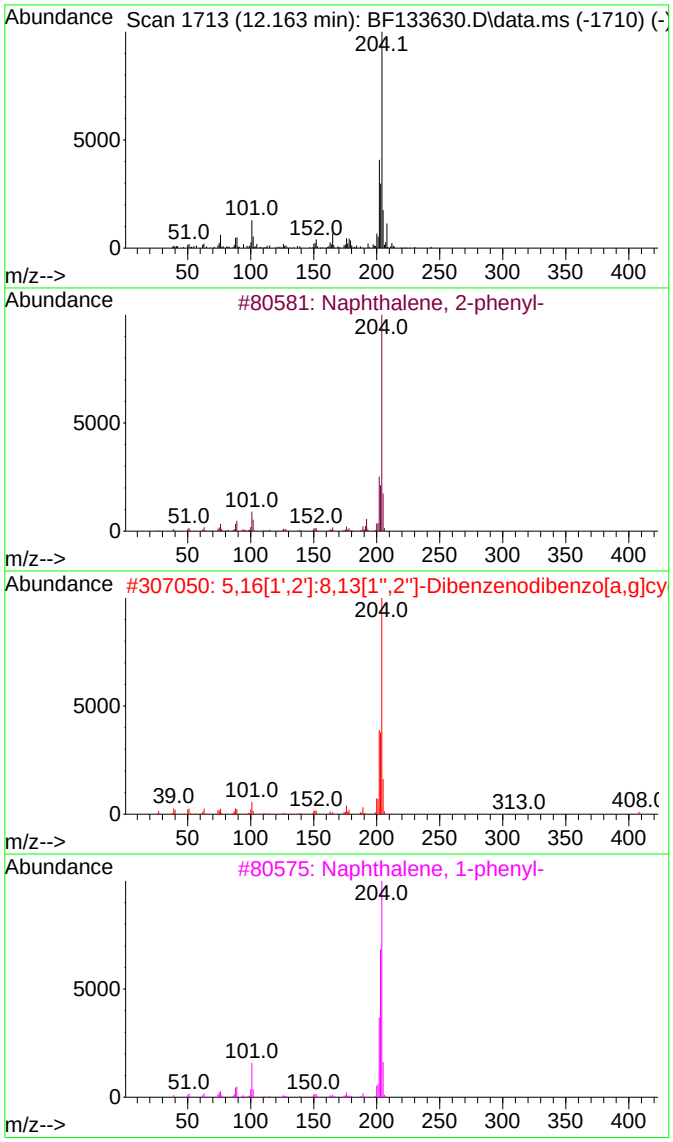
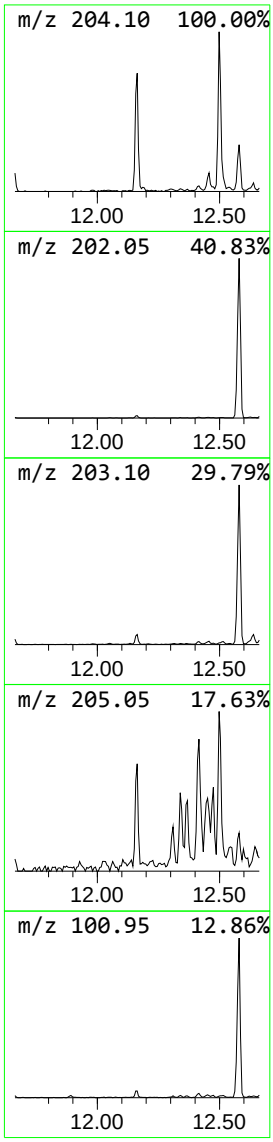
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	2.44 ng	104294	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49





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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

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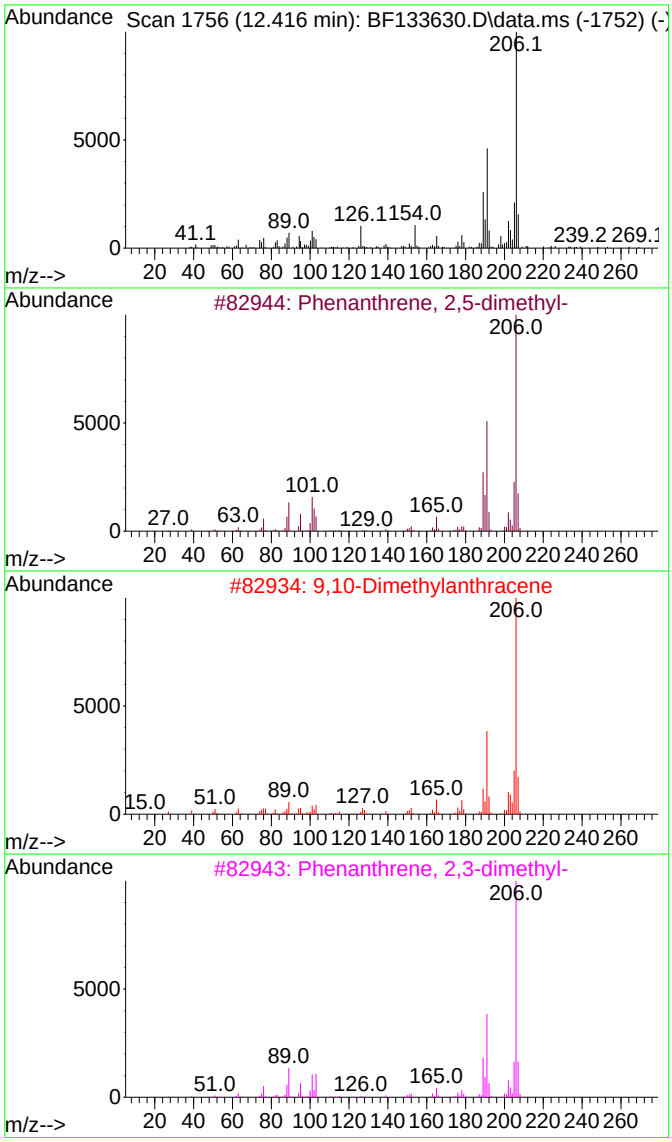
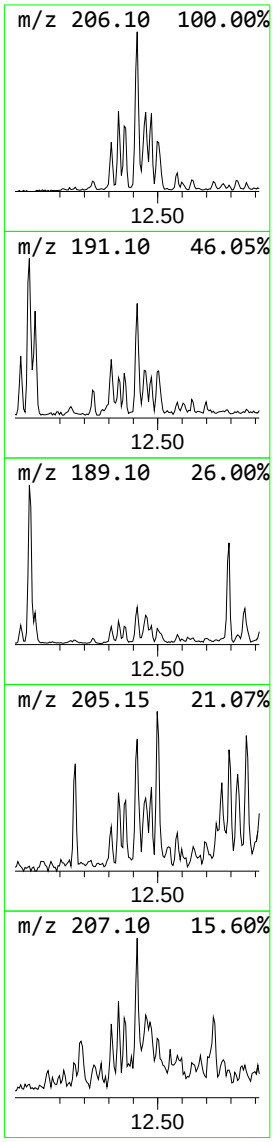
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	2.97 ng	127197	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83





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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

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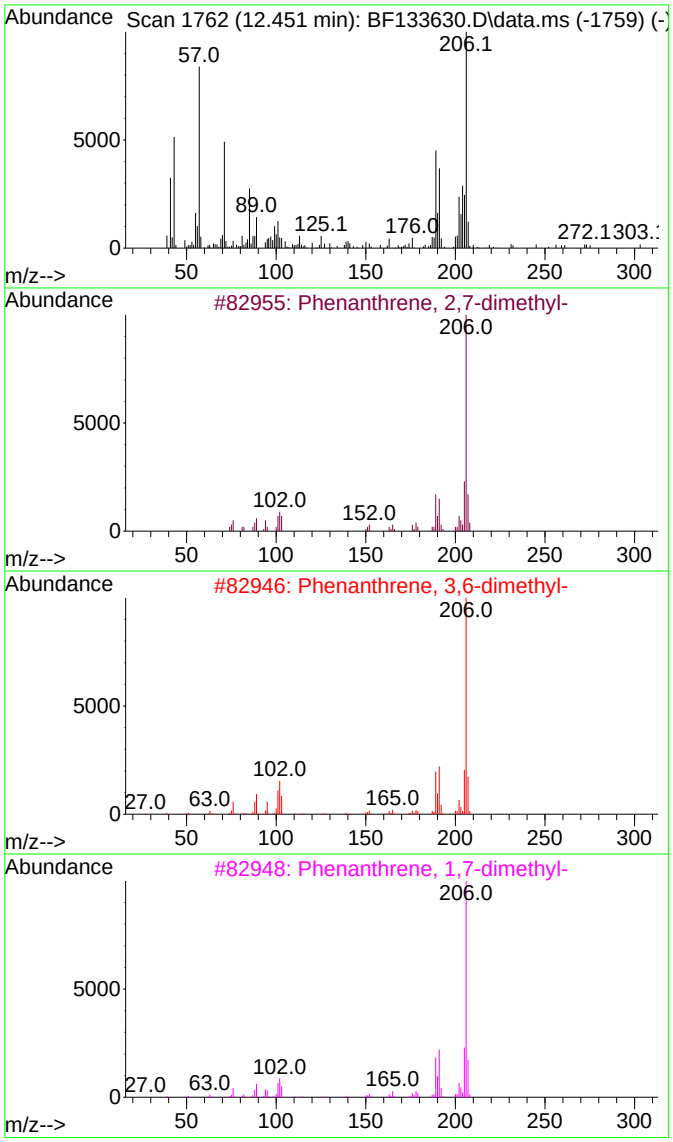
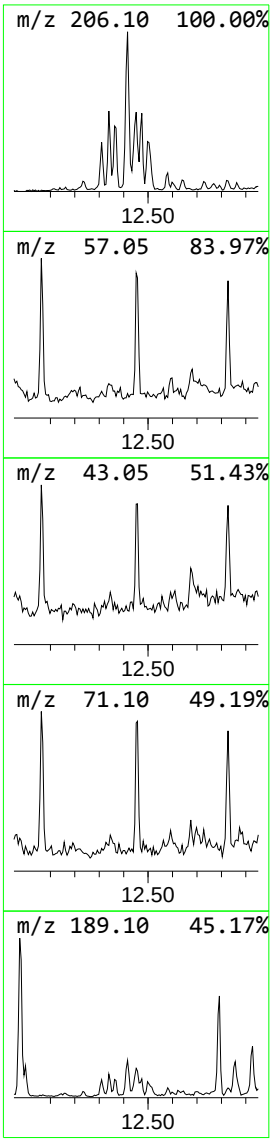
Peak Number 9 Phenanthrene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	2.15 ng	91984	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	47
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	46
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	43





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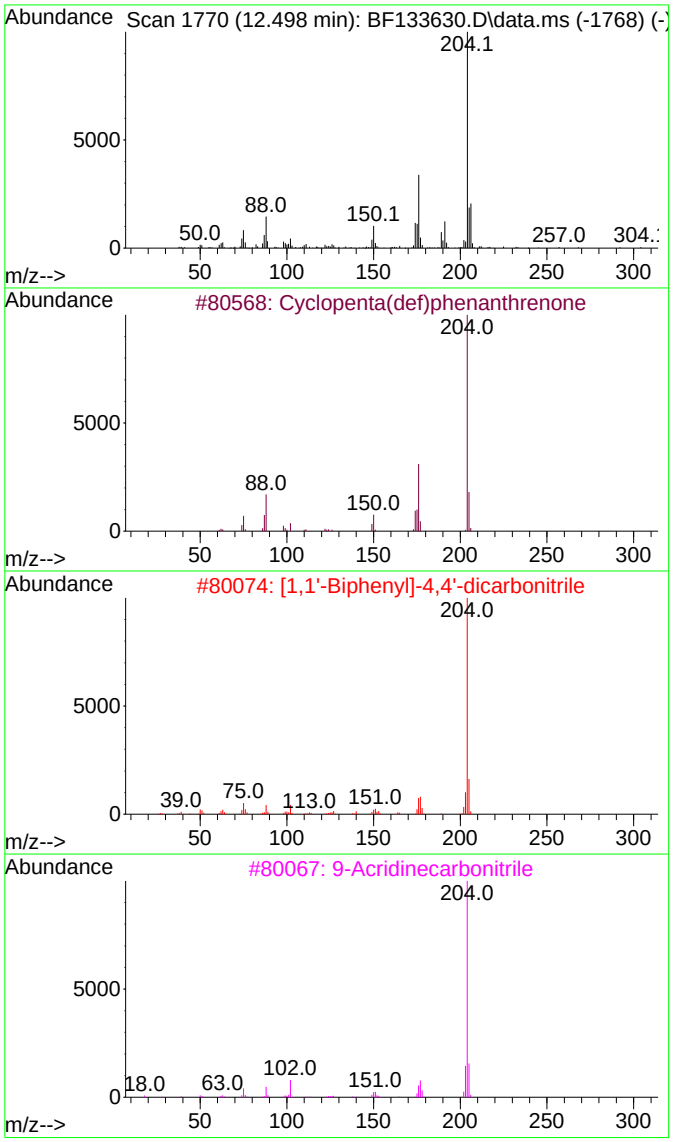
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

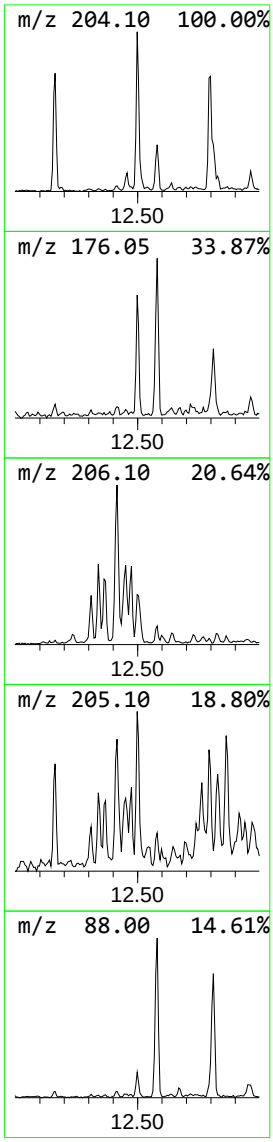
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	3.17 ng	135619	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	50





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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

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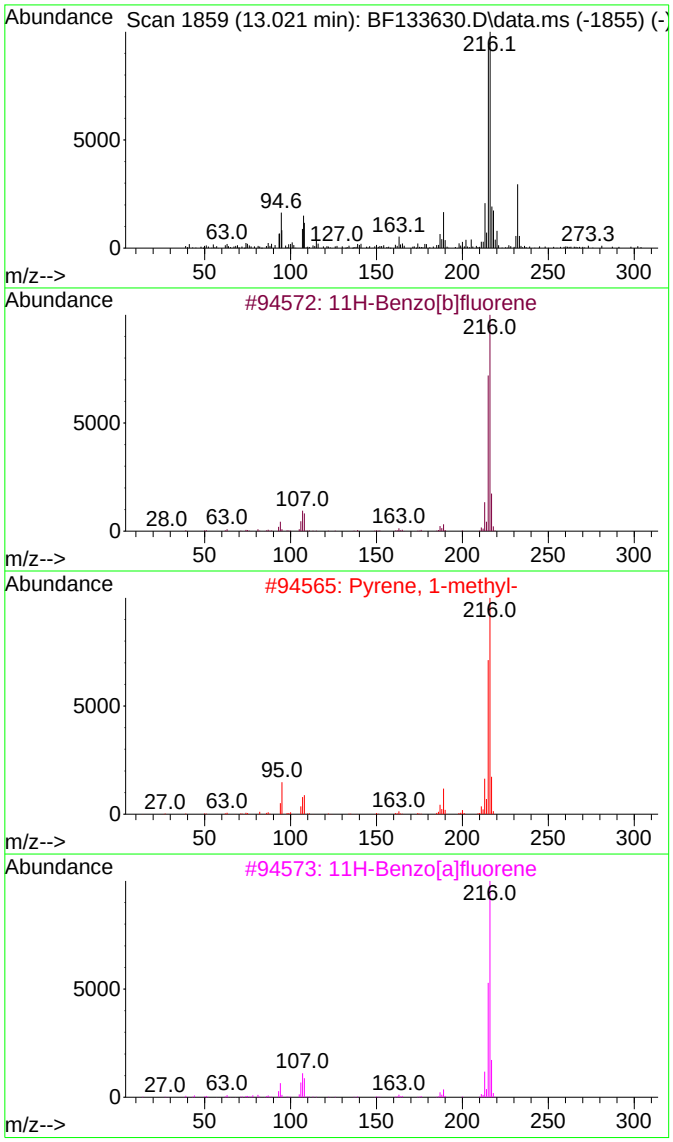
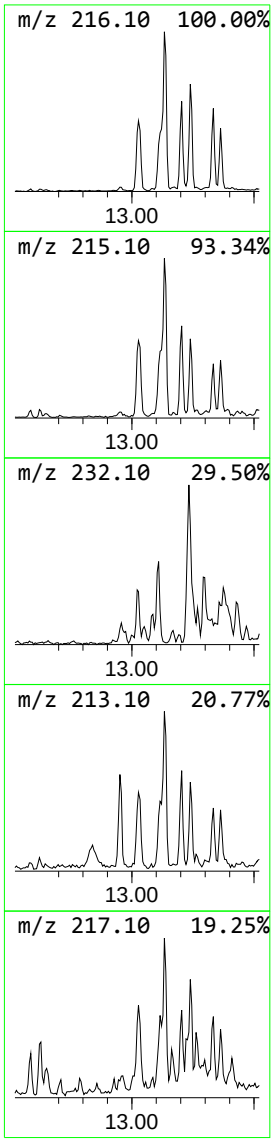
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.022	2.50 ng	226480	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Sample : 03018-13
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

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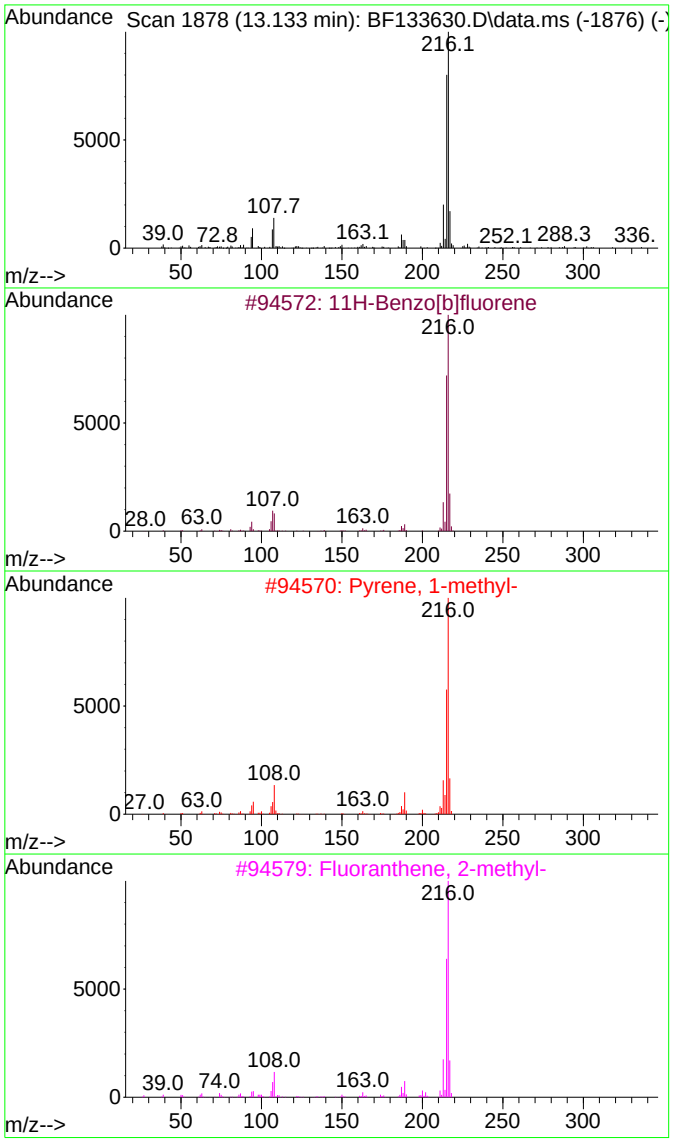
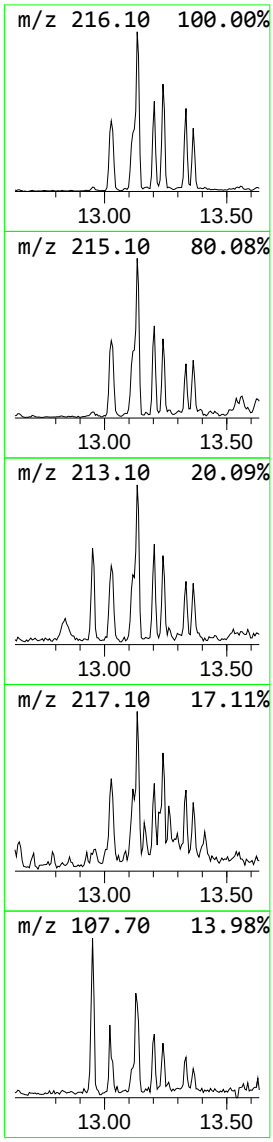
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	2.28 ng	206797	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Sulfamonomethoxine	280	C11H12N4O3S	001220-83-3	59





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TIC Library : C:\Database\NIST20.L
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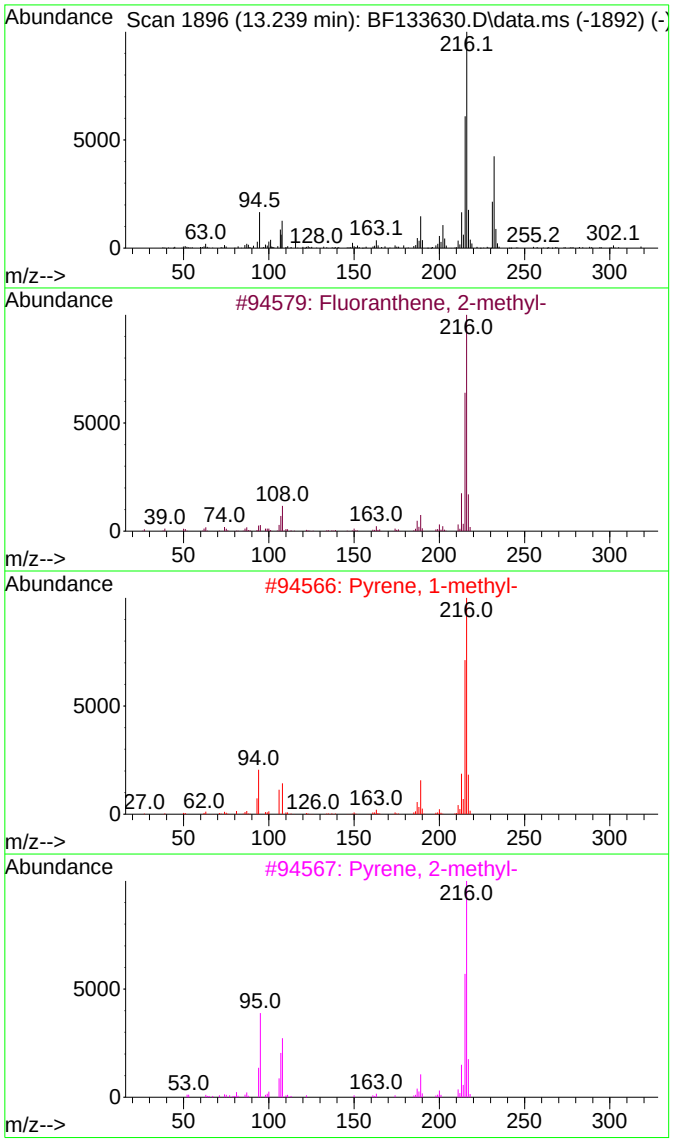
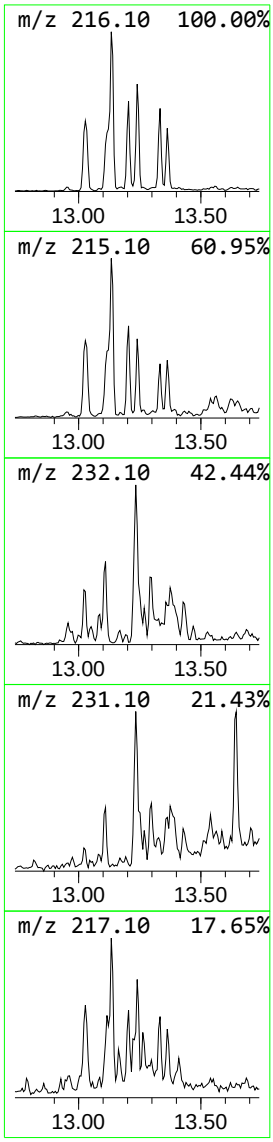
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	2.20 ng	199381	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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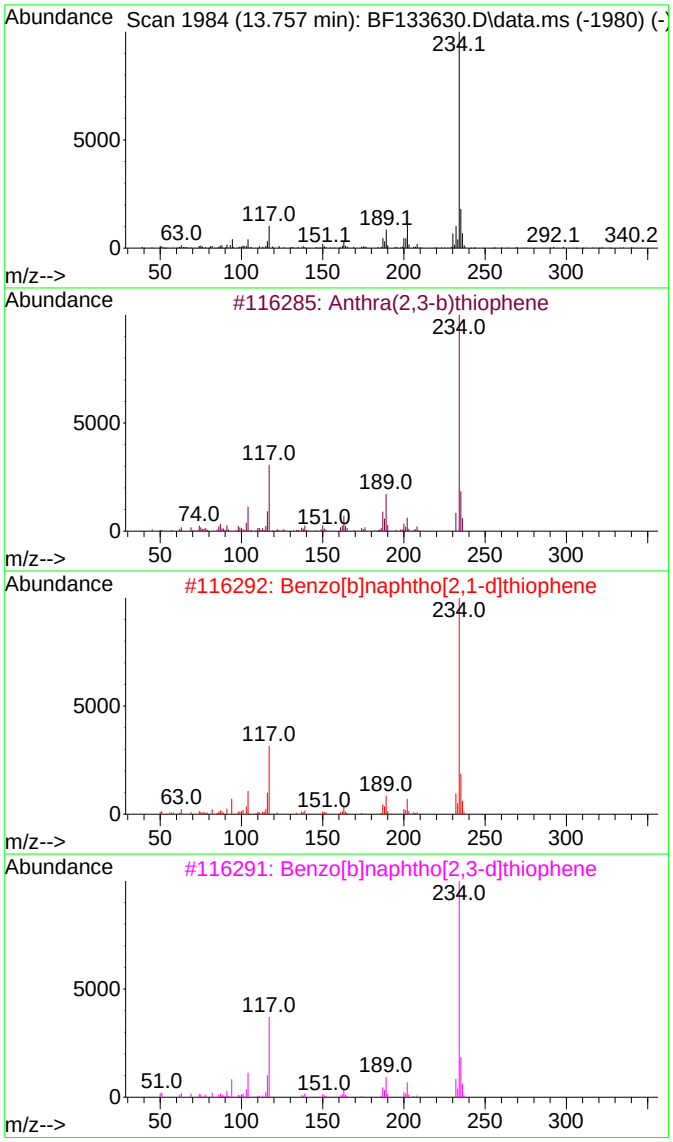
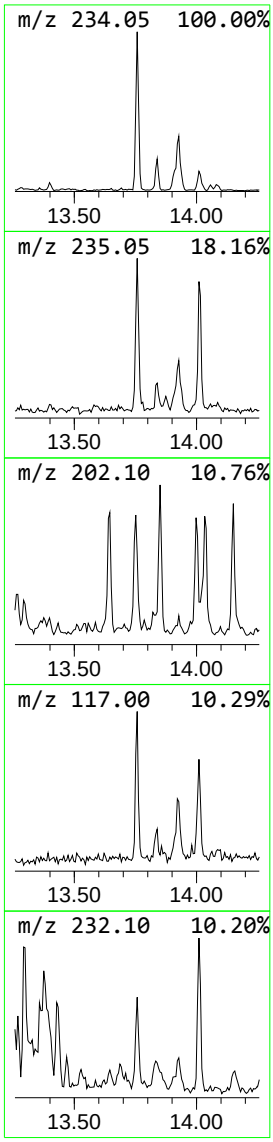
Peak Number 14 Anthra(2,3-b)thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	2.10 ng	190642	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	74
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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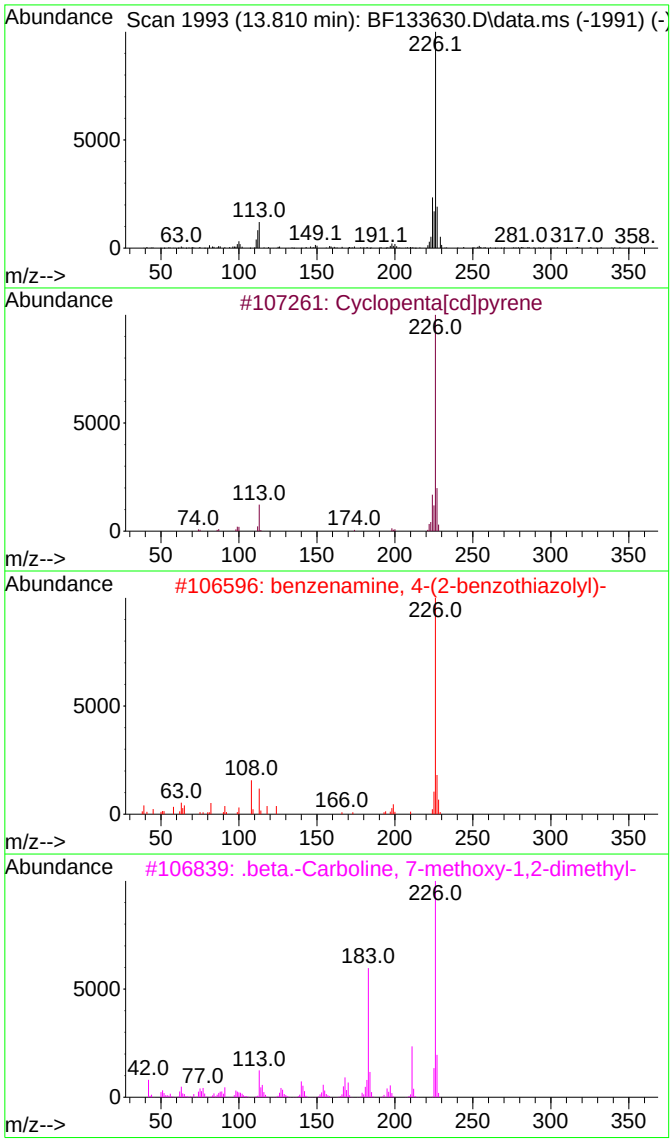
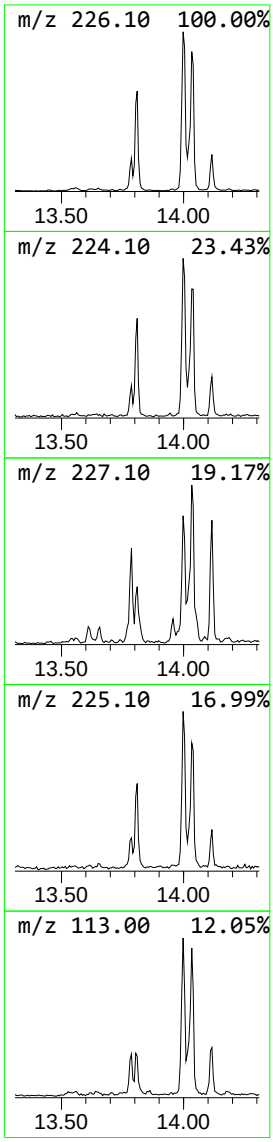
Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	2.11 ng	191479	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	59
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	59
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
5	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	45





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TIC Library : C:\Database\NIST20.L
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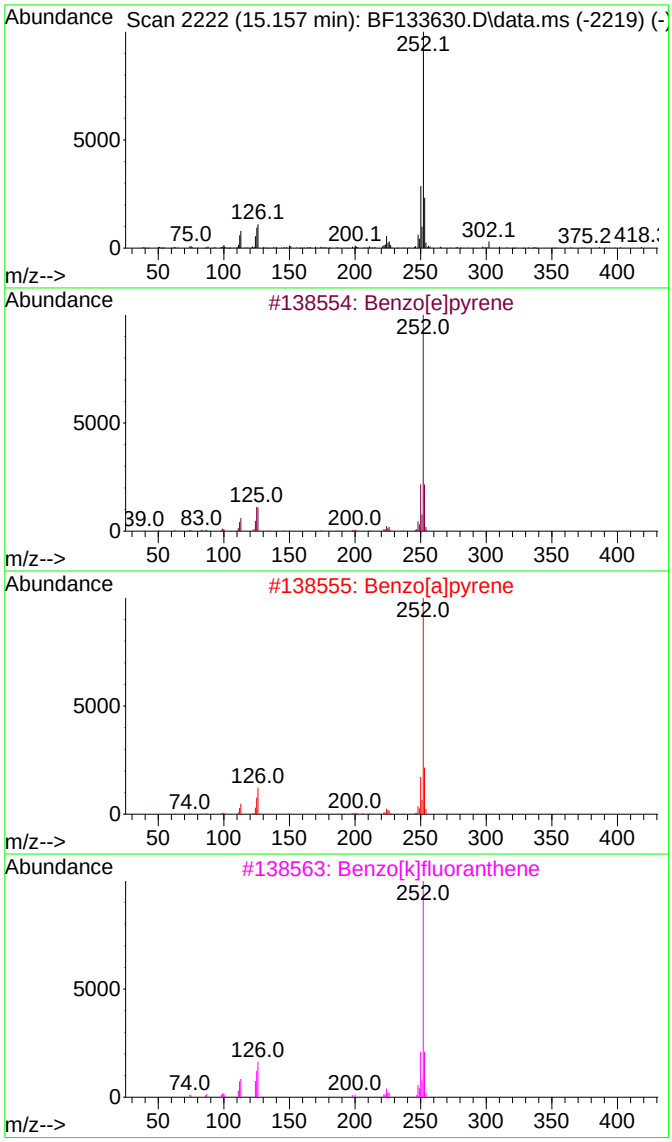
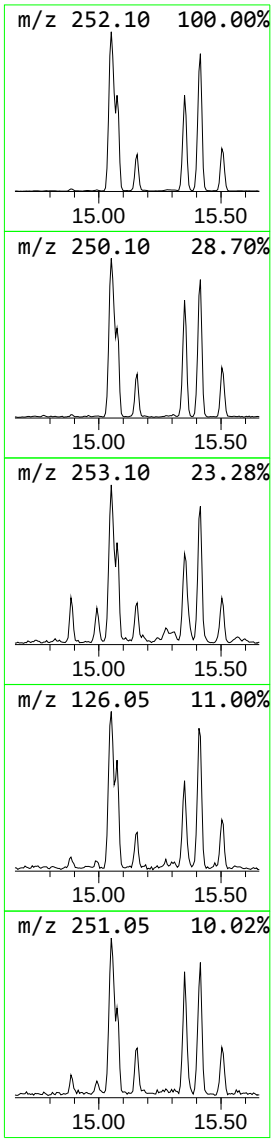
Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.157	6.64 ng	174720	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





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TIC Integration Parameters: LSCINT.P

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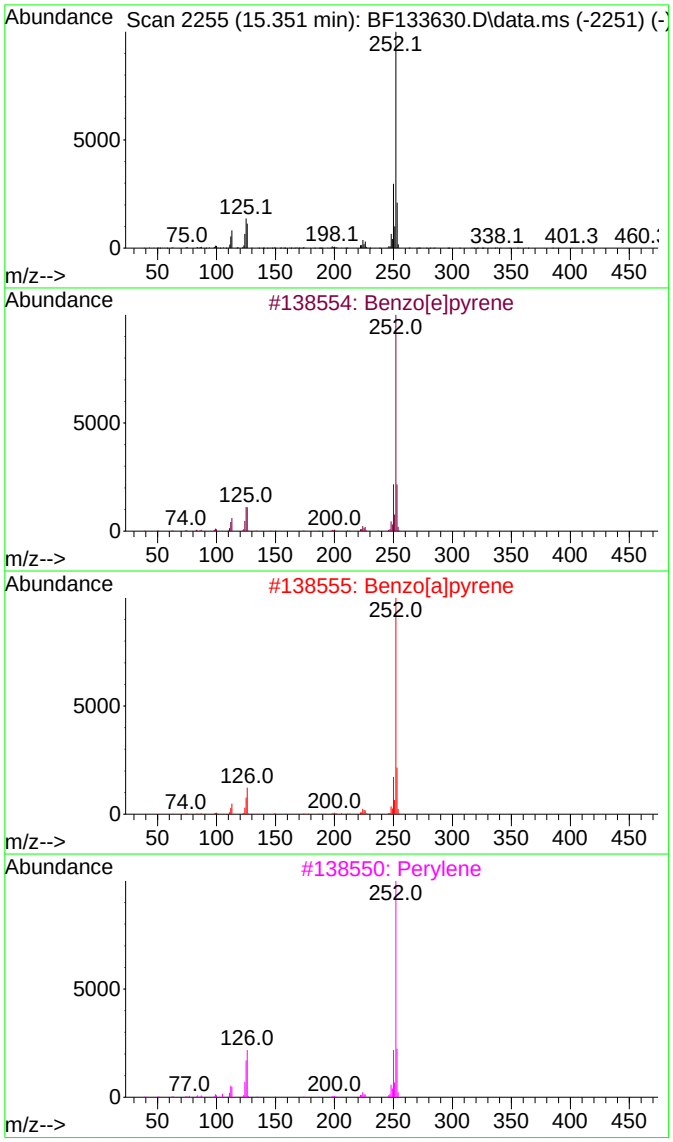
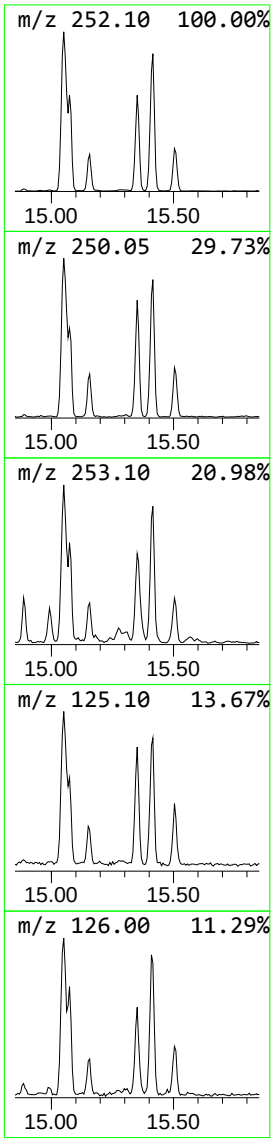
Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	21.75 ng	572522	Perylene-d12	15.474

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	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133630.D
Acq On : 07 Jun 2023 17:55
Operator : CG\JU
Sample : 03018-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-4648

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetrachloroethy...	4.551	4.1	ng	172896	1	6.834	849653	20.0
Nonane	6.669	2.2	ng	95215	1	6.834	849653	20.0
Benzophenone	10.586	2.1	ng	99873	3	9.875	948270	20.0
Tridecane, 2-me...	10.781	3.5	ng	149710	4	11.363	855796	20.0
Phenanthrene, 2...	11.892	6.9	ng	296578	4	11.363	855796	20.0
Benzaldehyde, 3...	11.975	5.5	ng	236593	4	11.363	855796	20.0
Naphthalene, 2-...	12.163	2.4	ng	104294	4	11.363	855796	20.0
Phenanthrene, 2...	12.416	3.0	ng	127197	4	11.363	855796	20.0
Phenanthrene, 2...	12.451	2.1	ng	91984	4	11.363	855796	20.0
Cyclopenta(def)...	12.498	3.2	ng	135619	4	11.363	855796	20.0
11H-Benzo[b]flu...	13.022	2.5	ng	226480	5	14.010	1813560	20.0
Pyrene, 1-methyl-	13.133	2.3	ng	206797	5	14.010	1813560	20.0
Fluoranthene, 2...	13.239	2.2	ng	199381	5	14.010	1813560	20.0
Anthra(2,3-b)th...	13.757	2.1	ng	190642	5	14.010	1813560	20.0
Cyclopenta[cd]p...	13.810	2.1	ng	191479	5	14.010	1813560	20.0
Benzo[e]pyrene	15.157	6.6	ng	174720	6	15.474	526370	20.0
Perylene	15.351	21.8	ng	572522	6	15.474	526370	20.0