LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133627.D
Acq On : 07 Jun 2023 16:21
Operator : CG\JU
Sample : 03018-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 343

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: BF133627.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.045	499	503	508	rBV	67781	78977	3.73%	0.245%
2	5.445	561	571	574	rBV	2094978	2013688	95.16%	6.245%
3	6.463	739	744	747	rBV	2137406	1980642	93.60%	6.143%
4	6.663	775	778	781	rBV2	52562	68319	3.23%	0.212%
5	6.833	804	807	814	rVB	925993	786624	37.17%	2.440%
6	7.233	870	875	878	rBV3	49871	68242	3.22%	0.212%
7	7.398	899	903	906	rVV	1626069	1358034	64.18%	4.212%
8	7.433	906	909	912	rVB	62372	59395	2.81%	0.184%
9	7.533	920	926	931	rBV3	29567	53883	2.55%	0.167%
10	8.116	1020	1025	1028	rVV	1109018	1038622	49.08%	3.221%
11	8.139	1028	1029	1032	rVV	213558	118931	5.62%	0.369%
12	8.175	1032	1035	1039	rVB	71805	65750	3.11%	0.204%
13	8.410	1069	1075	1079	rBV5	37262	56147	2.65%	0.174%
14	8.539	1093	1097	1102	rBV	137001	124255	5.87%	0.385%
15	8.710	1123	1126	1128	rBV	99832	76891	3.63%	0.238%
16	8.827	1144	1146	1150	rVB	134265	107707	5.09%	0.334%
17	8.927	1160	1163	1167	rBV	95464	77758	3.67%	0.241%
18	9.139	1197	1199	1204	rVB	66299	49261	2.33%	0.153%
19	9.192	1204	1208	1211	rBV	2539327	2116083	100.00%	6.563%
20	9.275	1217	1222	1224	rBV	123619	109051	5.15%	0.338%
21	9.463	1249	1254	1257	rVB3	45225	63876	3.02%	0.198%
22	9.533	1263	1266	1268	rBV	80865	82384	3.89%	0.255%
23	9.557	1268	1270	1272	rVV	68154	51733	2.44%	0.160%
24	9.592	1272	1276	1279	rVV3	76758	92601	4.38%	0.287%
25	9.733	1297	1300	1304	rVB	180257	147133	6.95%	0.456%
26	9.804	1310	1312	1315	rVB	111191	73592	3.48%	0.228%
27	9.874	1317	1324	1327	rBV	1177827	945216	44.67%	2.931%
28	9.904	1327	1329	1333	rVB4	55309	59627	2.82%	0.185%
29	10.074	1355	1358	1362	rVV	113124	103977	4.91%	0.322%
30	10.116	1362	1365	1370	rVB3	46509	51500	2.43%	0.160%
31	10.192	1375	1378	1380	rBV	54429	52994	2.50%	0.164%
32	10.280	1390	1393	1395	rBV	54491	51853	2.45%	0.161%
33	10.304	1395	1397	1399	rVB	112791	79059	3.74%	0.245%
34	10.527	1429	1435	1440	rBV3	44269	64428	3.04%	0.200%
35	10.586	1440	1445	1447	rBV2	101826	103789	4.90%	0.322%
36	10.663	1454	1458	1462	rVV	1320046	1139026	53.83%	3.532%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
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Sample : 03018-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
343

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	10.786	1475	1479	1484	rBV3	132048	207534	9.81%	0.644%
38	11.098	1528	1532	1534	rBV3	49048	57626	2.72%	0.179%
39	11.121	1534	1536	1541	rVV2	45847	58998	2.79%	0.183%
40	11.169	1541	1544	1547	rVV2	78319	89909	4.25%	0.279%
41	11.227	1547	1554	1557	rVV2	105262	155336	7.34%	0.482%
42	11.257	1557	1559	1567	rVB2	70221	75033	3.55%	0.233%
43	11.363	1573	1577	1579	rBV	959530	813069	38.42%	2.522%
44	11.386	1579	1581	1584	rVV	564880	422449	19.96%	1.310%
45	11.433	1587	1589	1592	rVB	110809	100553	4.75%	0.312%
46	11.539	1601	1607	1610	rVB3	63475	74554	3.52%	0.231%
47	11.657	1625	1627	1630	rVB	90466	59241	2.80%	0.184%
48	11.863	1659	1662	1664	rBV	105375	86825	4.10%	0.269%
49	11.892	1664	1667	1671	rVV	315156	286712	13.55%	0.889%
50	11.939	1671	1675	1677	rVV3	41500	52287	2.47%	0.162%
51	11.974	1677	1681	1684	rVV2	211048	235799	11.14%	0.731%
52	11.998	1684	1685	1689	rVB	101069	59907	2.83%	0.186%
53	12.068	1691	1697	1699	rVV2	82468	105833	5.00%	0.328%
54	12.163	1710	1713	1715	rBV	130193	109290	5.16%	0.339%
55	12.186	1715	1717	1723	rVB4	63409	73304	3.46%	0.227%
56	12.310	1733	1738	1741	rBV2	67466	73917	3.49%	0.229%
57	12.339	1741	1743	1745	rBV	62591	54727	2.59%	0.170%
58	12.368	1745	1748	1750	rVB	55160	51051	2.41%	0.158%
59	12.415	1753	1756	1759	rBV	168818	159013	7.51%	0.493%
60	12.451	1759	1762	1764	rVV2	124358	131277	6.20%	0.407%
61	12.498	1768	1770	1775	rVB2	132141	134324	6.35%	0.417%
62	12.580	1780	1784	1787	rBV	1810405	1512250	71.46%	4.690%
63	12.674	1797	1800	1802	rVB	88919	70220	3.32%	0.218%
64	12.810	1817	1823	1829	rBV	1620890	1657317	78.32%	5.140%
65	12.863	1829	1832	1836	rVB2	87087	106905	5.05%	0.332%
66	12.927	1839	1843	1844	rBV2	91156	93511	4.42%	0.290%
67	12.951	1844	1847	1854	rVB	1729531	1585196	74.91%	4.916%
68	13.027	1854	1860	1863	rBV3	140017	223061	10.54%	0.692%
69	13.110	1871	1874	1876	rBV3	86011	101489	4.80%	0.315%
70	13.133	1876	1878	1882	rVB	178309	171087	8.09%	0.531%
71	13.186	1884	1887	1888	rBV	66067	51191	2.42%	0.159%
72	13.204	1888	1890	1892	rVB	84312	63647	3.01%	0.197%
73	13.239	1892	1896	1899	rBV2	180045	195041	9.22%	0.605%
74	13.333	1910	1912	1914	rVV	76134	58543	2.77%	0.182%
75	13.362	1914	1917	1921	rVV2	88219	79185	3.74%	0.246%
76	13.527	1940	1945	1950	rBV5	89159	181953	8.60%	0.564%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133627.D
Acq On : 07 Jun 2023 16:21
Operator : CG\JU
Sample : 03018-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 343

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	13.645	1962	1965	1969	rVB	176491	184178	8.70%	0.571%
78	13.757	1979	1984	1987	rBV2	167954	209529	9.90%	0.650%
79	13.786	1987	1989	1991	rVV	128814	109307	5.17%	0.339%
80	13.810	1991	1993	1997	rVV2	146062	180614	8.54%	0.560%
81	13.851	1997	2000	2003	rVB2	168735	169630	8.02%	0.526%
82	14.004	2019	2026	2030	rBV2	1194818	1880719	88.88%	5.833%
83	14.033	2030	2031	2037	rVB	803947	702348	33.19%	2.178%
84	14.115	2042	2045	2047	rVB	115431	89521	4.23%	0.278%
85	14.151	2049	2051	2053	rBV	73389	65552	3.10%	0.203%
86	14.221	2061	2063	2068	rVB2	62499	94277	4.46%	0.292%
87	14.398	2088	2093	2096	rVV	162309	191566	9.05%	0.594%
88	14.427	2096	2098	2102	rVB	92807	82785	3.91%	0.257%
89	14.486	2105	2108	2111	rVB2	93064	111040	5.25%	0.344%
90	14.521	2111	2114	2116	rBV2	100781	100929	4.77%	0.313%
91	14.786	2156	2159	2162	rBV2	59480	70592	3.34%	0.219%
92	15.051	2199	2204	2207	rBV	736386	1148484	54.27%	3.562%
93	15.156	2219	2222	2227	rVB	175053	182465	8.62%	0.566%
94	15.351	2251	2255	2261	rVB	420312	568989	26.89%	1.765%
95	15.415	2261	2266	2271	rVB	612879	746502	35.28%	2.315%
96	15.474	2271	2276	2279	rBV	415030	535510	25.31%	1.661%
97	15.504	2279	2281	2288	rVB	226952	285930	13.51%	0.887%
98	16.933	2518	2524	2533	rVB2	271597	551867	26.08%	1.711%
99	17.374	2593	2599	2614	rVB	202671	449518	21.24%	1.394%
100	17.609	2636	2639	2645	rVB	53950	82769	3.91%	0.257%

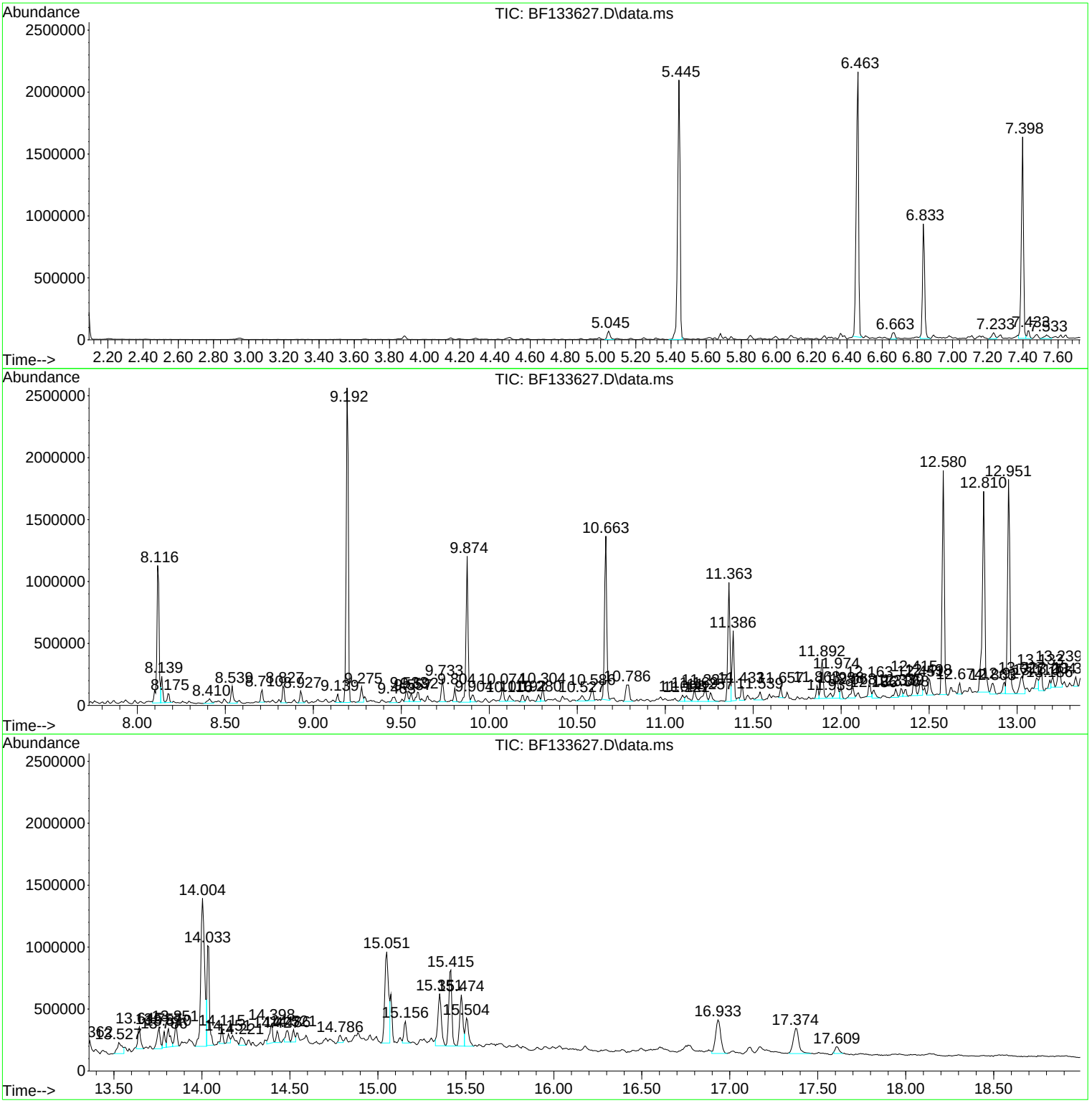
Sum of corrected areas: 32244833

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133627.D
Acq On : 07 Jun 2023 16:21
Operator : CG\JU
Sample : 03018-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
343

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 : BF133627.D
Acq On : 07 Jun 2023 16:21
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Instrument :
BNA_F
ClientSampleId :
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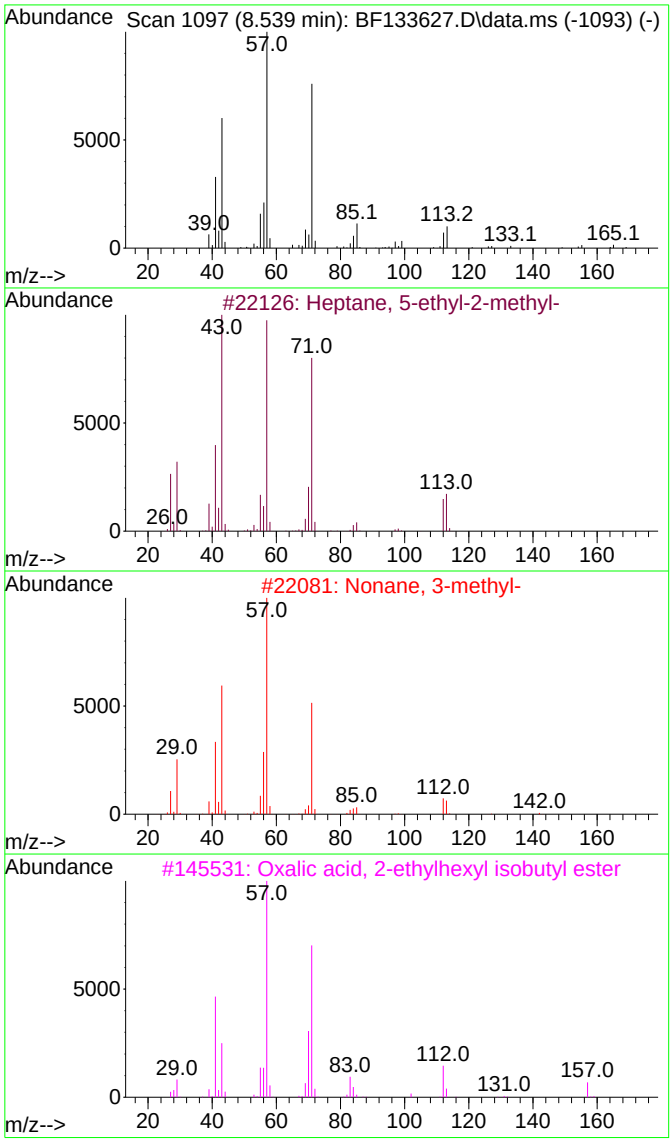
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

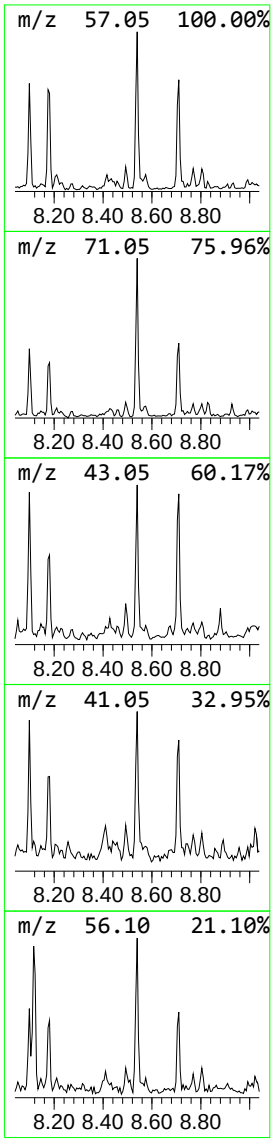
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Heptane, 5-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	2.39 ng	124255	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3	Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1010309-38-5	59
4	Hexadecane	226	C16H34	000544-76-3	53
5	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133627.D
Acq On : 07 Jun 2023 16:21
Operator : CG\JU
Sample : 03018-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

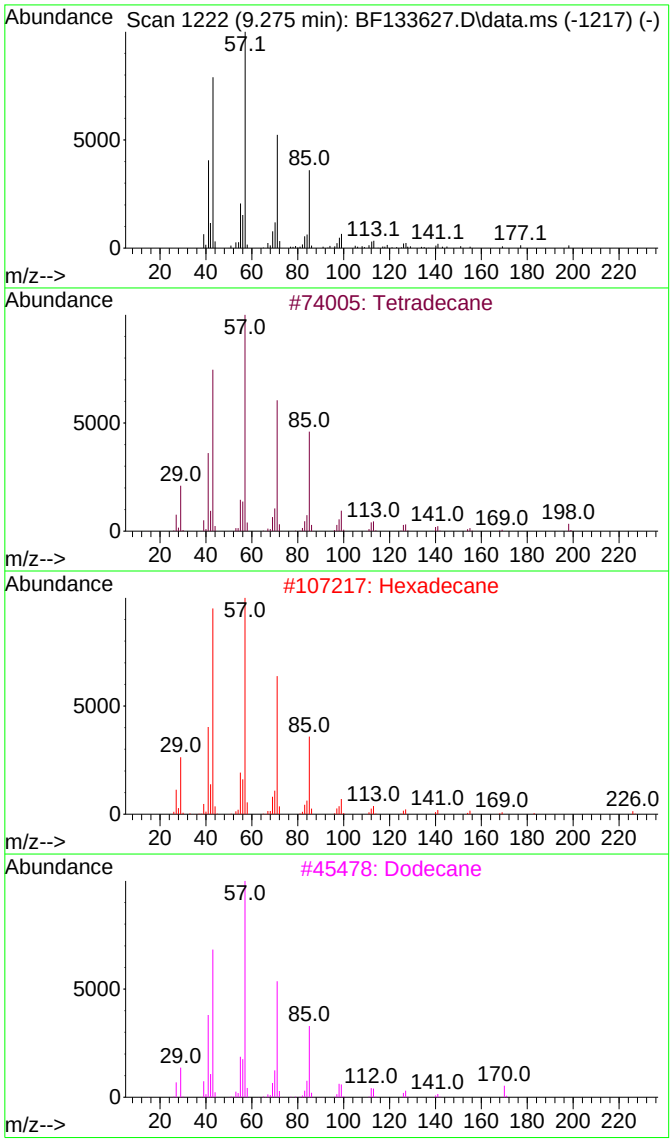
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

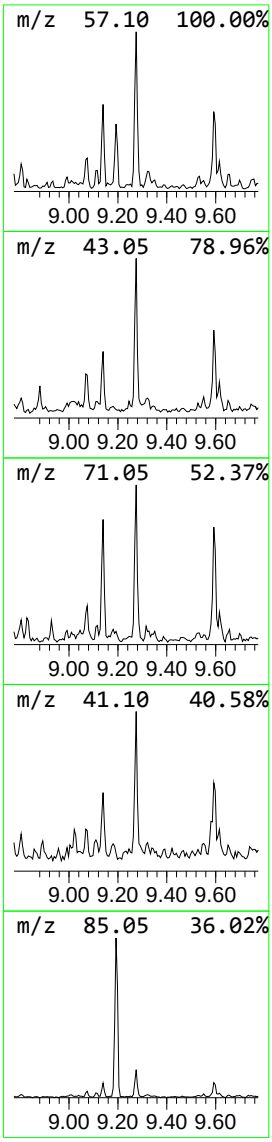
****

Peak Number 2 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	2.31 ng	109051	Acenaphthene-d10	9.874

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	Dodecane	170	C12H26	000112-40-3	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Nonadecane	268	C19H40	000629-92-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133627.D
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Operator : CG\JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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

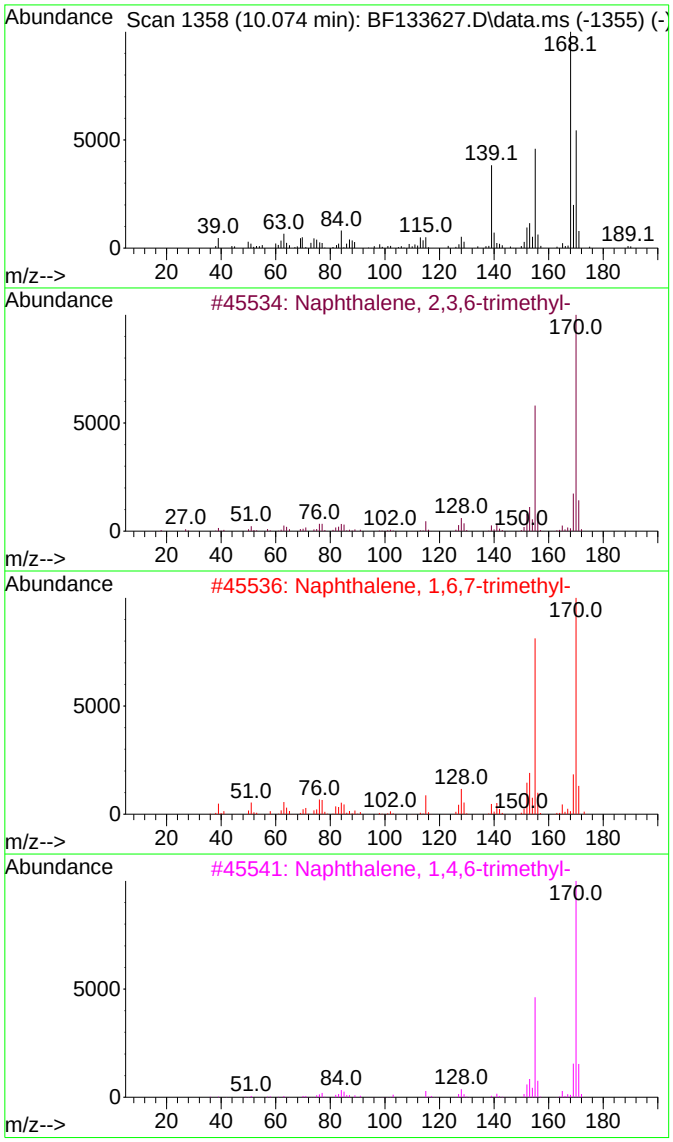
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

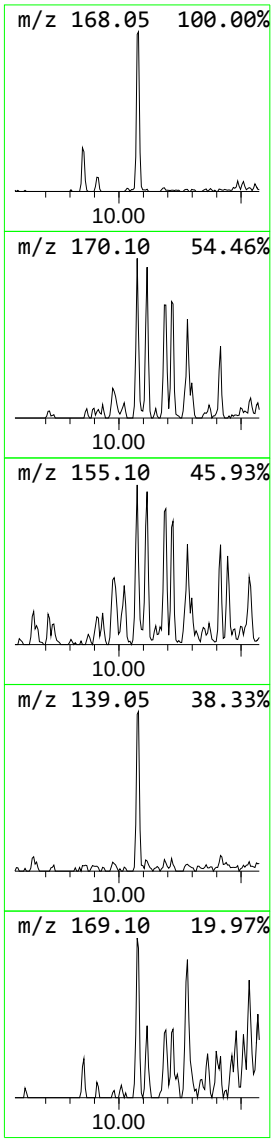
****

Peak Number 3 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	2.20 ng	103977	Acenaphthene-d10	9.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	41
4	5-Chlorobenzo[b]thiophene	168	C8H5ClS	020532-33-6	38
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133627.D
Acq On : 07 Jun 2023 16:21
Operator : CG\JU
Sample : 03018-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

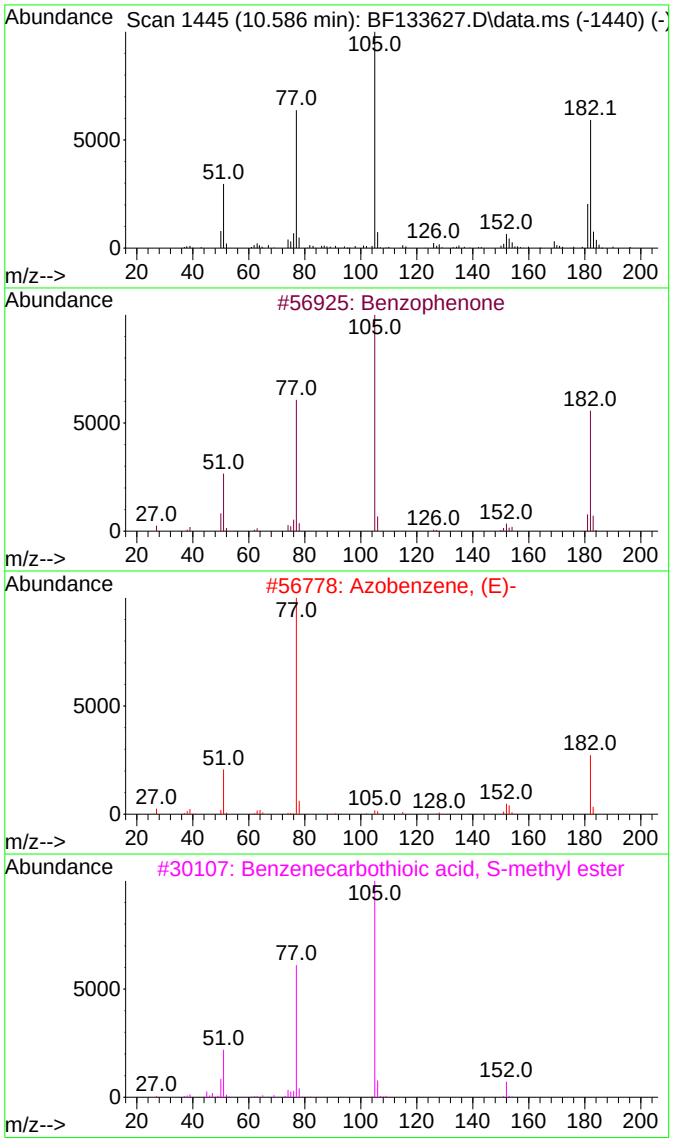
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

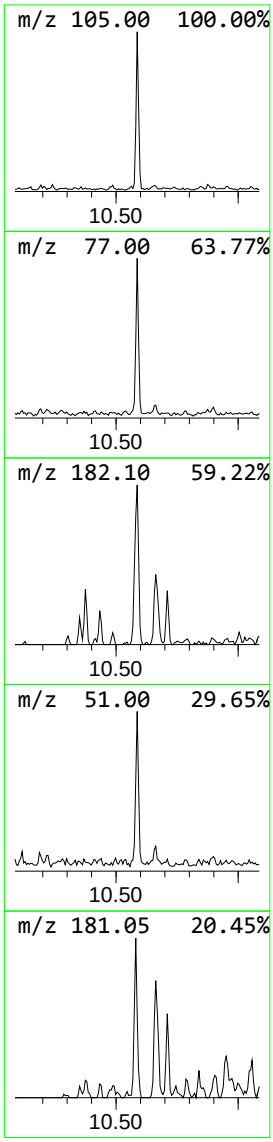
****

Peak Number 4 Benzophenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	2.20 ng	103789	Acenaphthene-d10	9.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	50
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	38
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133627.D
Acq On : 07 Jun 2023 16:21
Operator : CG\JU
Sample : 03018-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
343

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

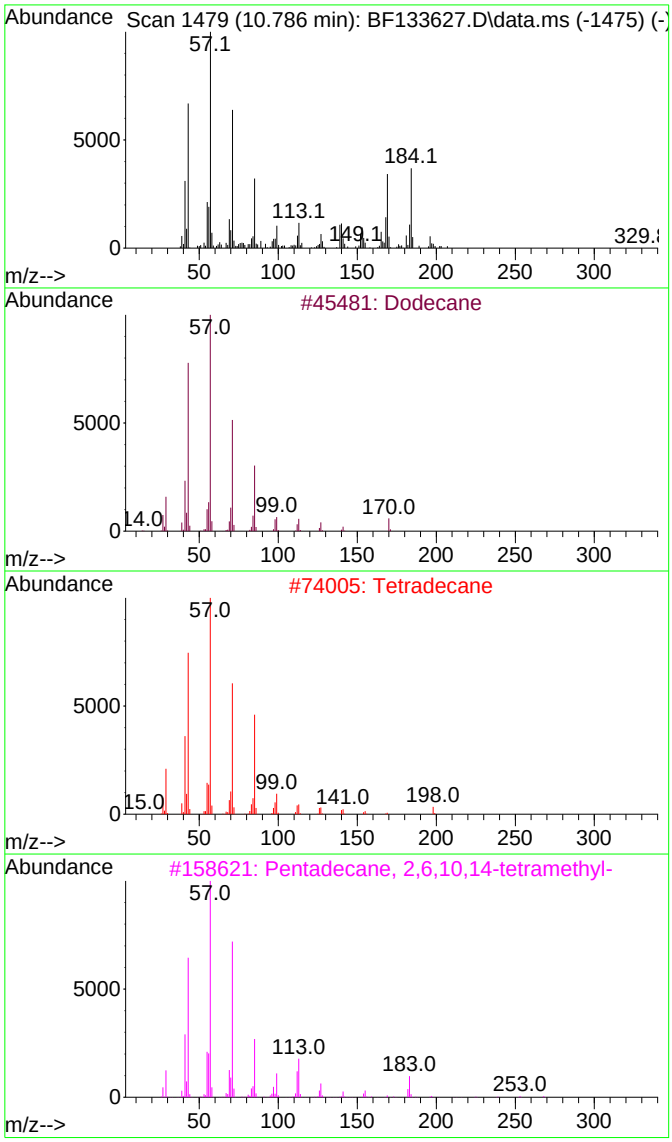
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

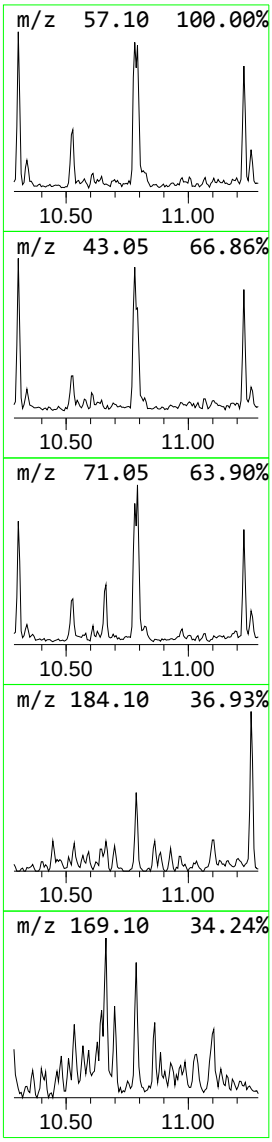
****

Peak Number 5 unknown10.786 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	5.10 ng	207534	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	42
2	Tetradecane	198	C14H30	000629-59-4	42
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	41
4	Heneicosane	296	C21H44	000629-94-7	38
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	38





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Acq On : 07 Jun 2023 16:21
Operator : CG\JU
Sample : 03018-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

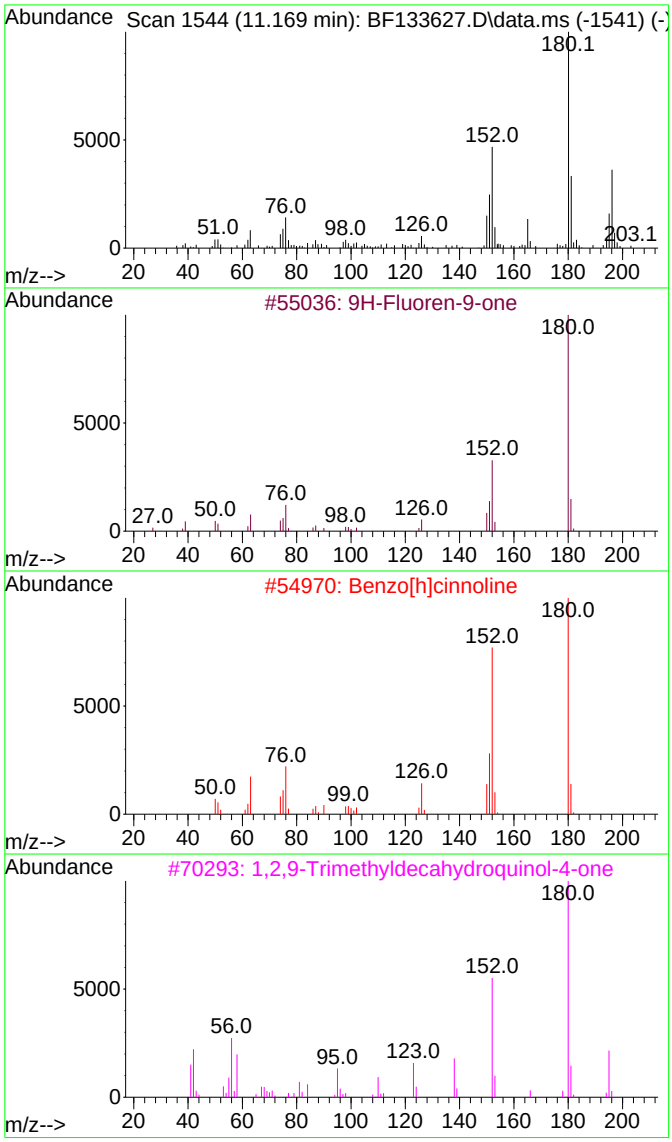
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

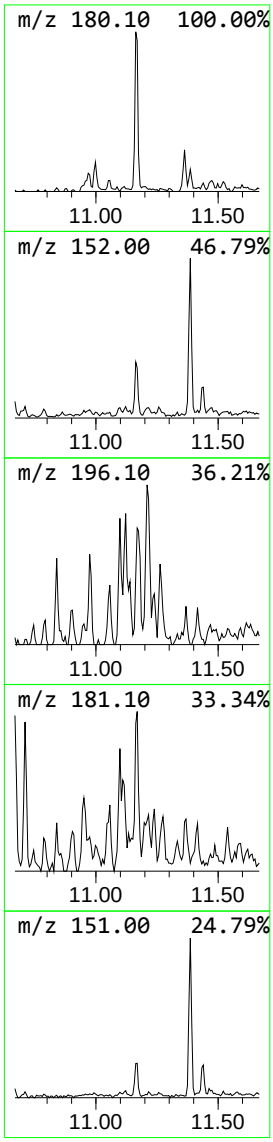
****

Peak Number 6 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	2.21 ng	89909	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	76
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
3	1,2,9-Trimethyldecahydroquinol-4...	195	C12H21NO	1000280-71-2	50
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	43





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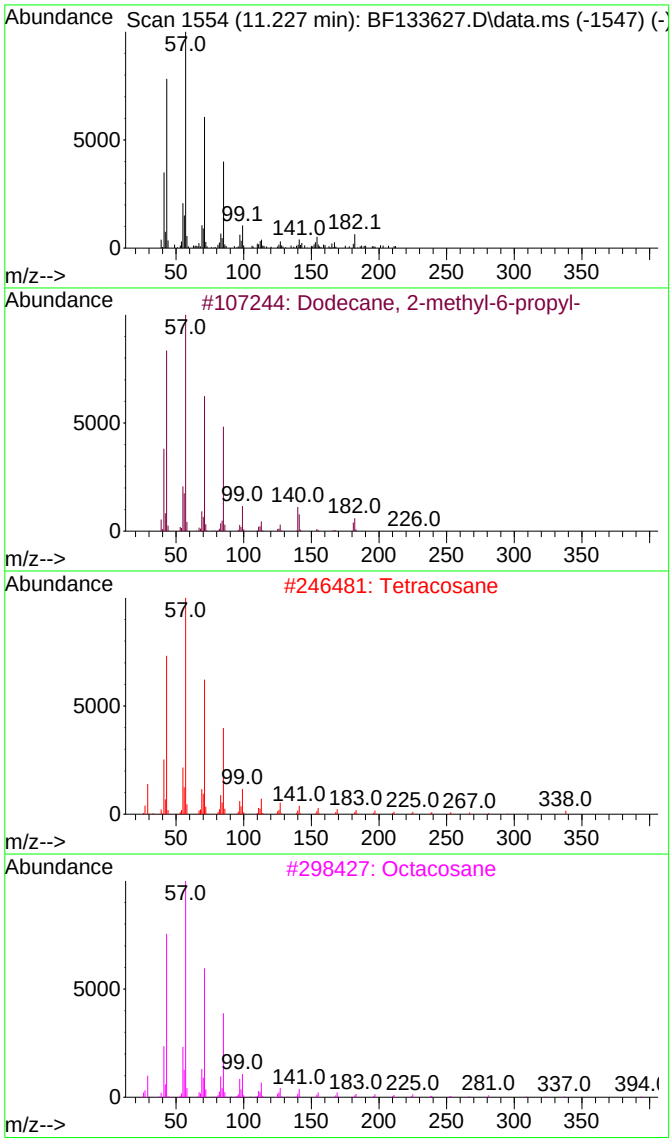
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

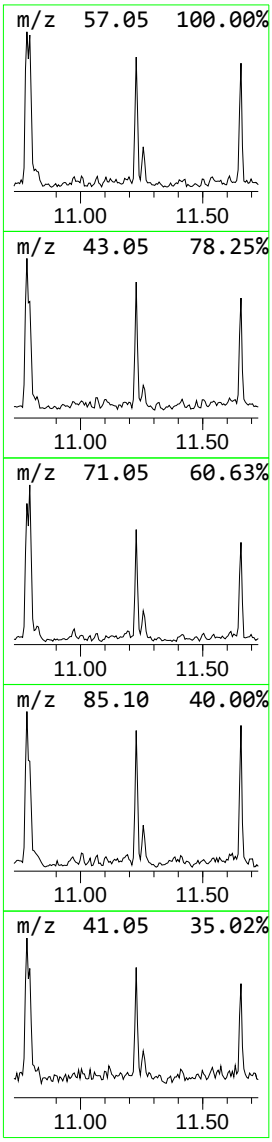
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Dodecane, 2-methyl-6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	3.82 ng	155336	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	Tetracosane	338	C24H50	000646-31-1	80
3	Octacosane	394	C28H58	000630-02-4	80
4	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	72
5	Heptadecane	240	C17H36	000629-78-7	64





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Instrument :
BNA_F
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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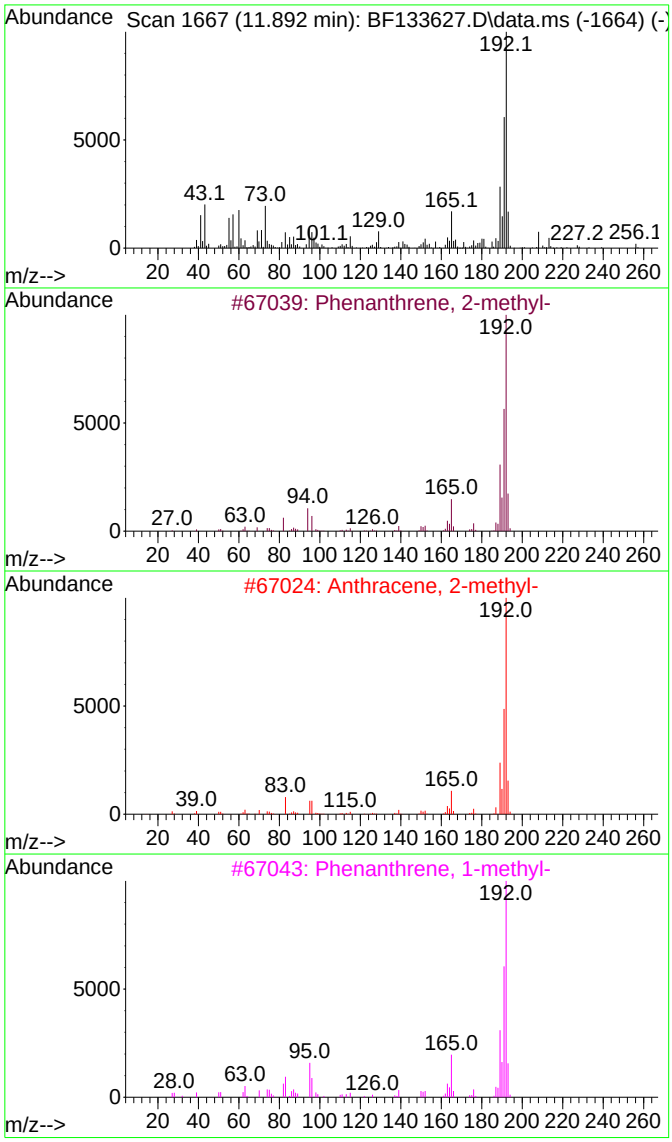
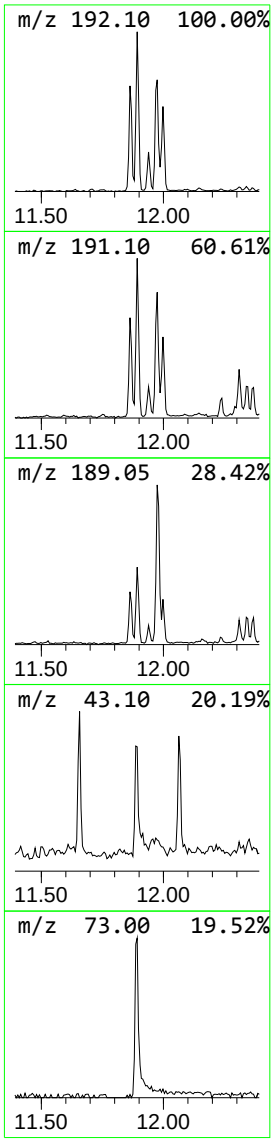
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	7.05 ng	286712	Phenanthrene-d10	11.363

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	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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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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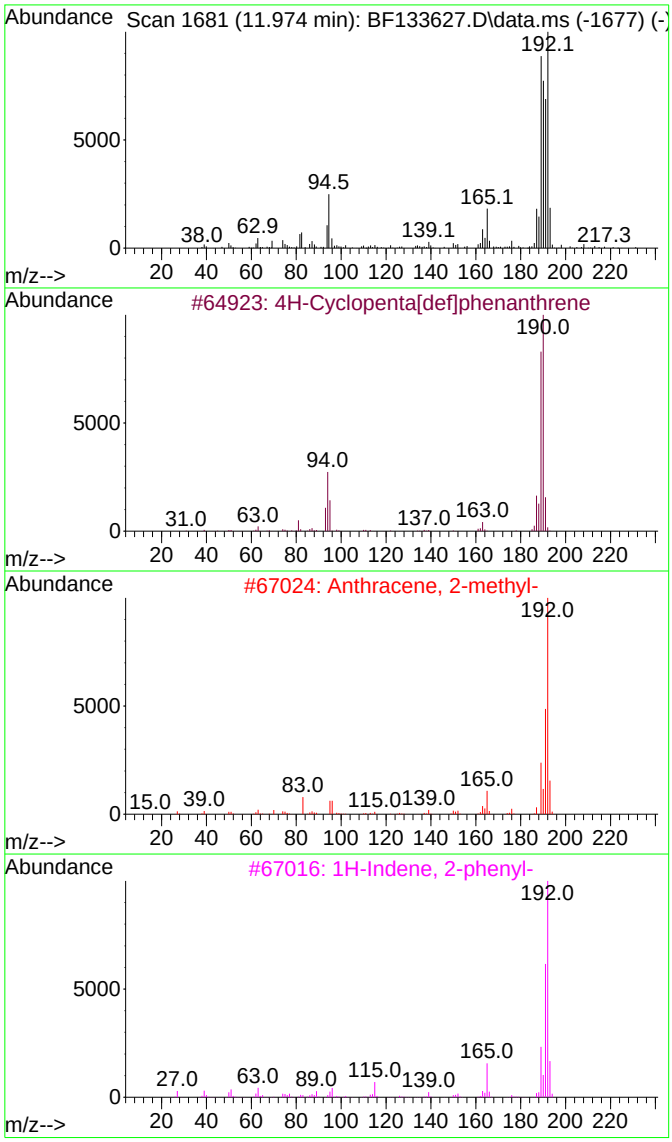
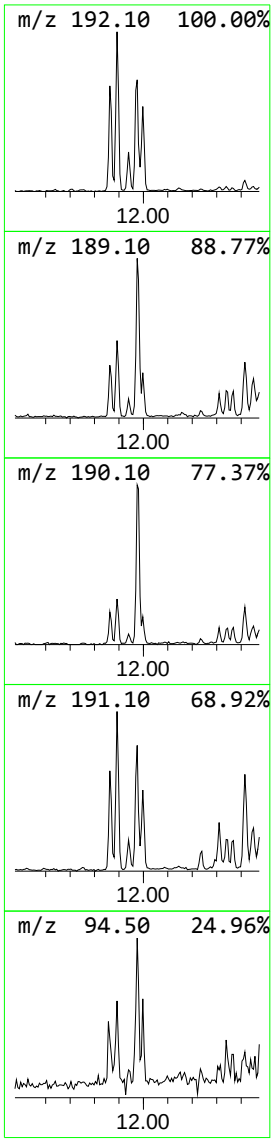
Peak Number 9 unknown11.974 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	5.80 ng	235799	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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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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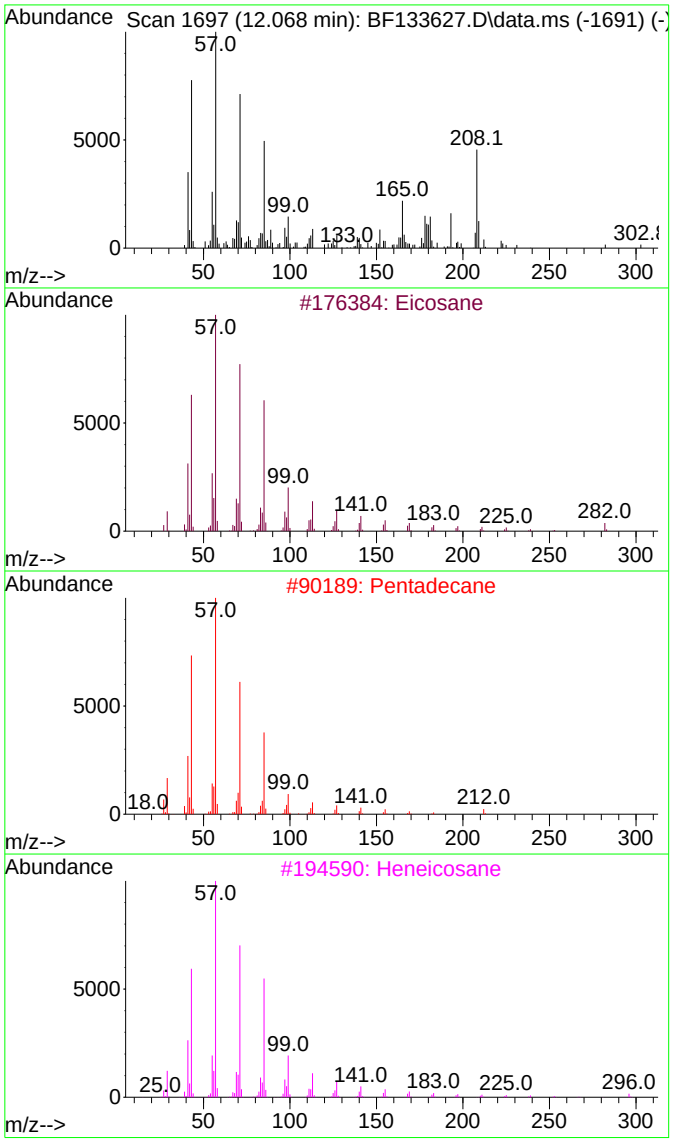
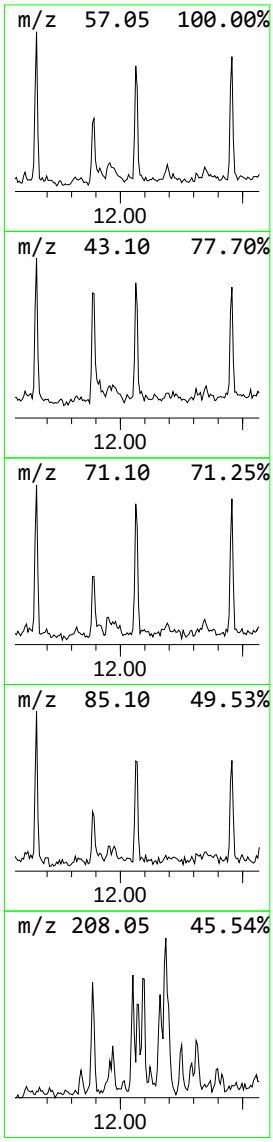
Peak Number 10 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	2.60 ng	105833	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	59
2	Pentadecane	212	C15H32	000629-62-9	56
3	Heneicosane	296	C21H44	000629-94-7	42
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38
5	Octacosane	394	C28H58	000630-02-4	38





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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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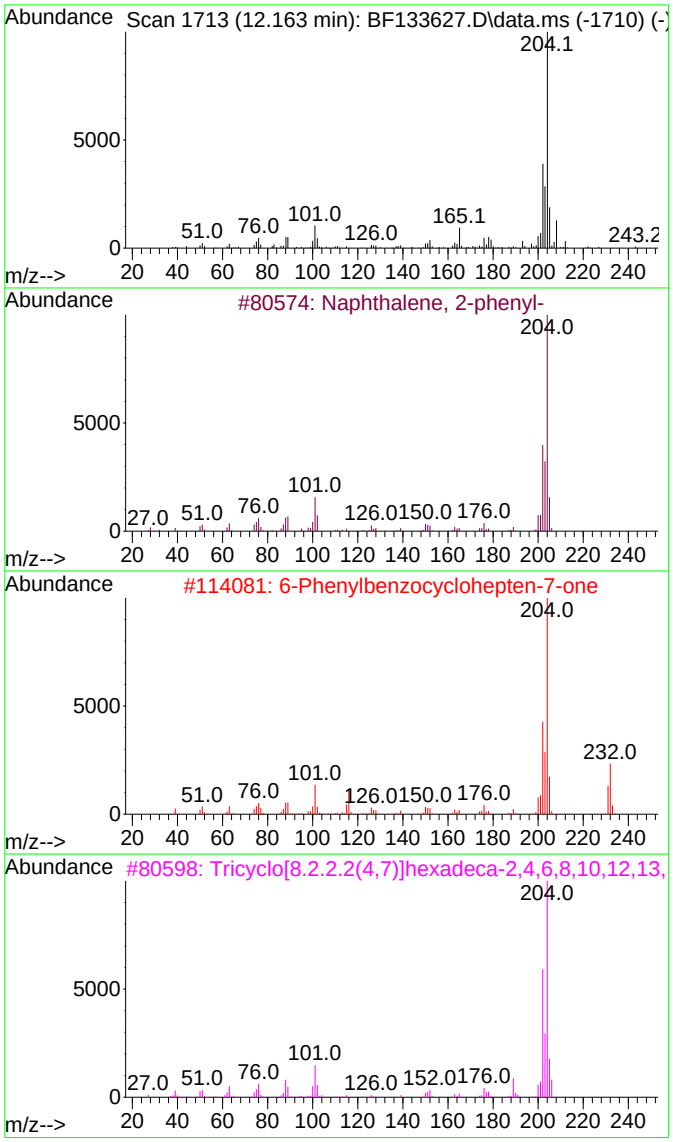
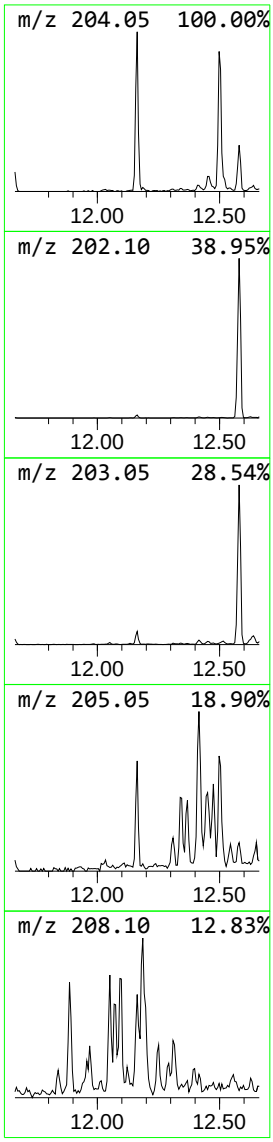
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	2.69 ng	109290	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	50





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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

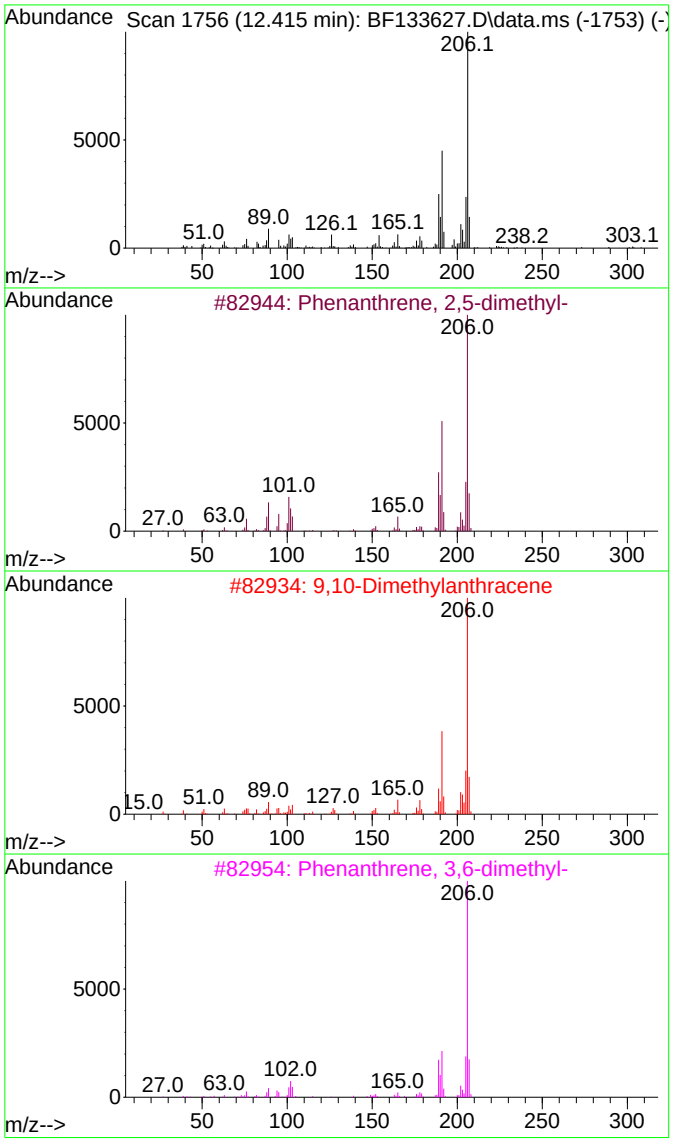
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

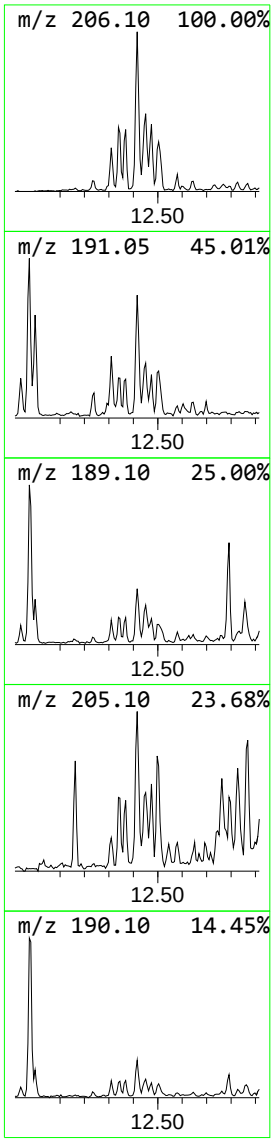
****

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	3.91 ng	159013	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	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





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ALS Vial : 14 Sample Multiplier: 1

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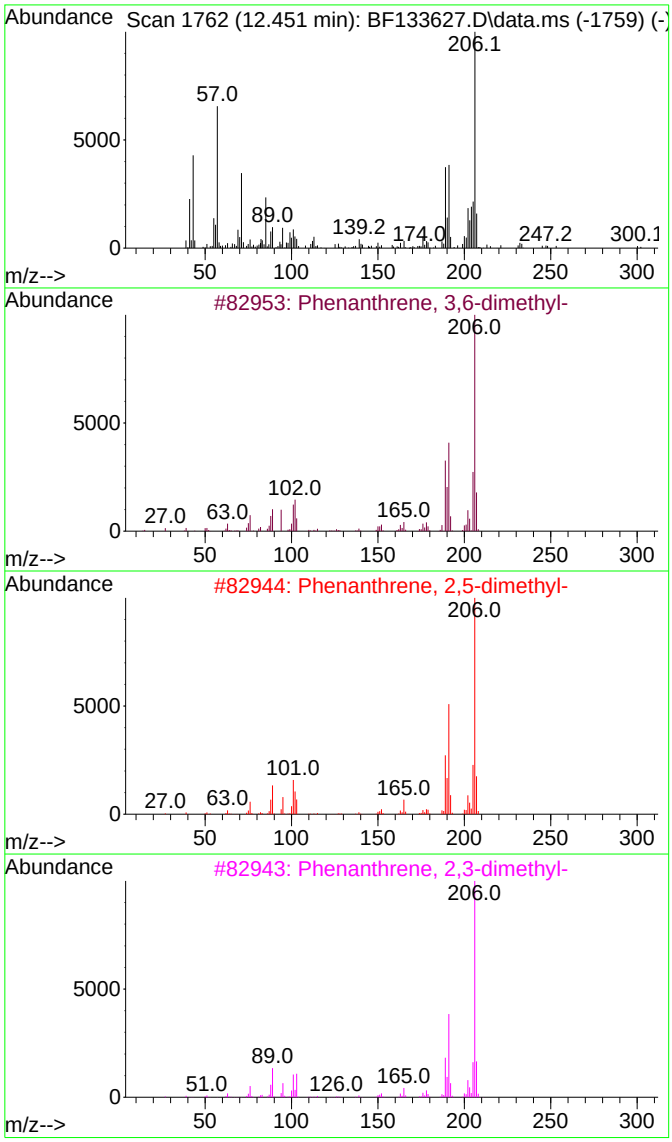
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

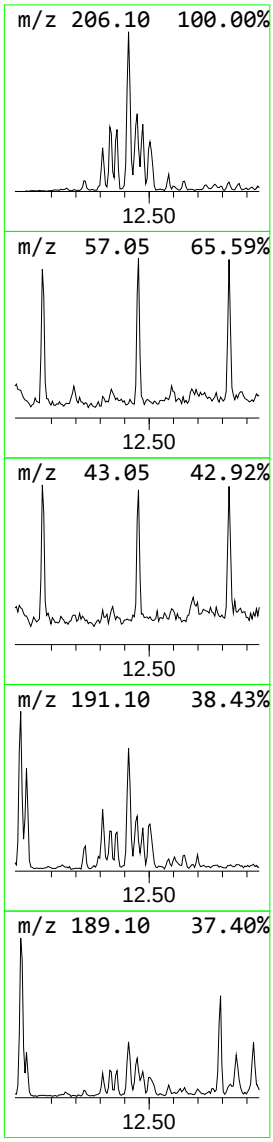
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	3.23 ng	131277	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	72





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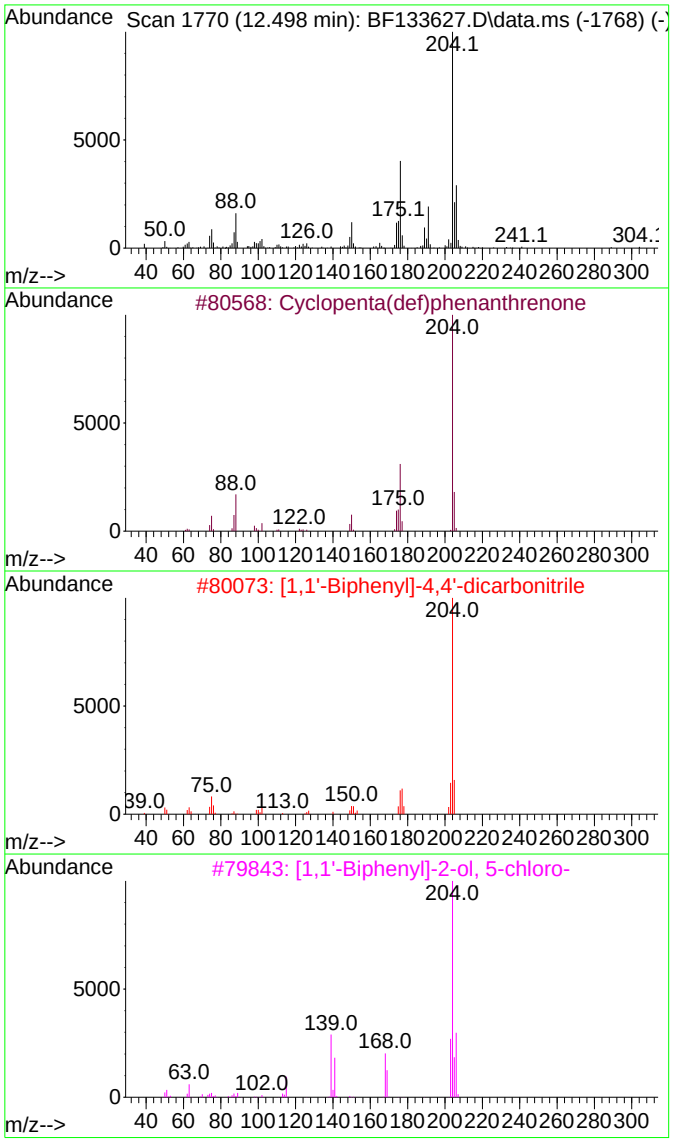
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

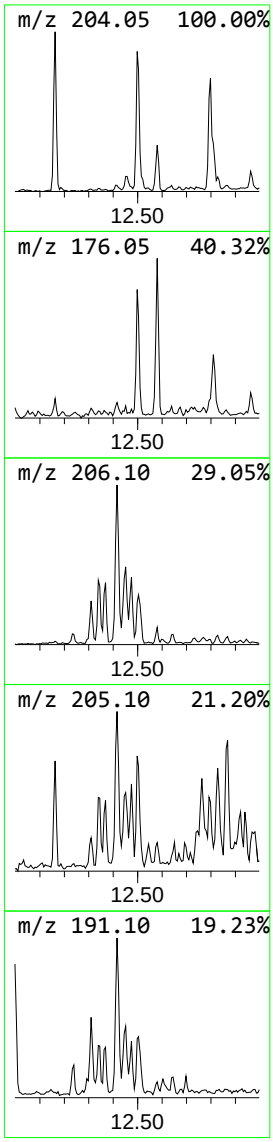
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	3.30 ng	134324	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	42
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38





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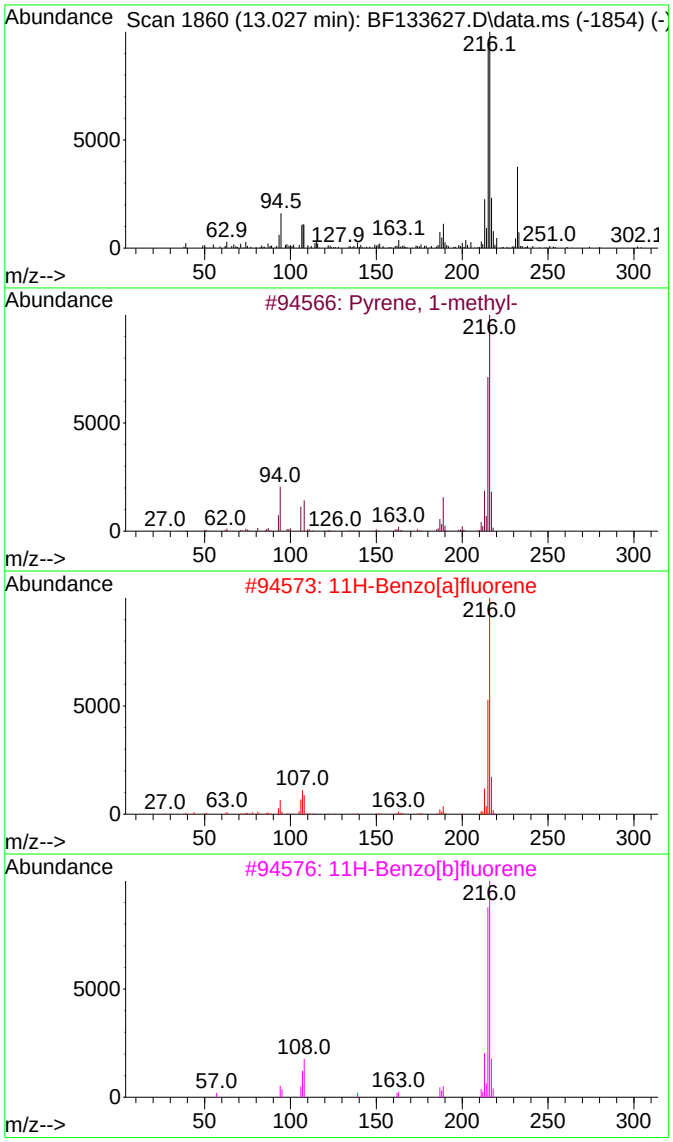
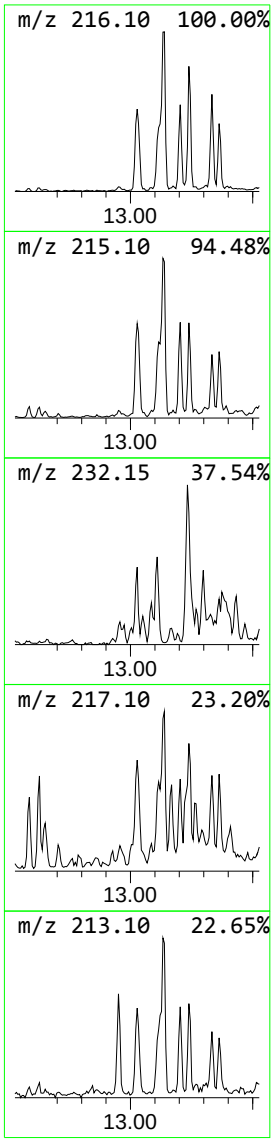
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.027	2.37 ng	223061	Chrysene-d12	14.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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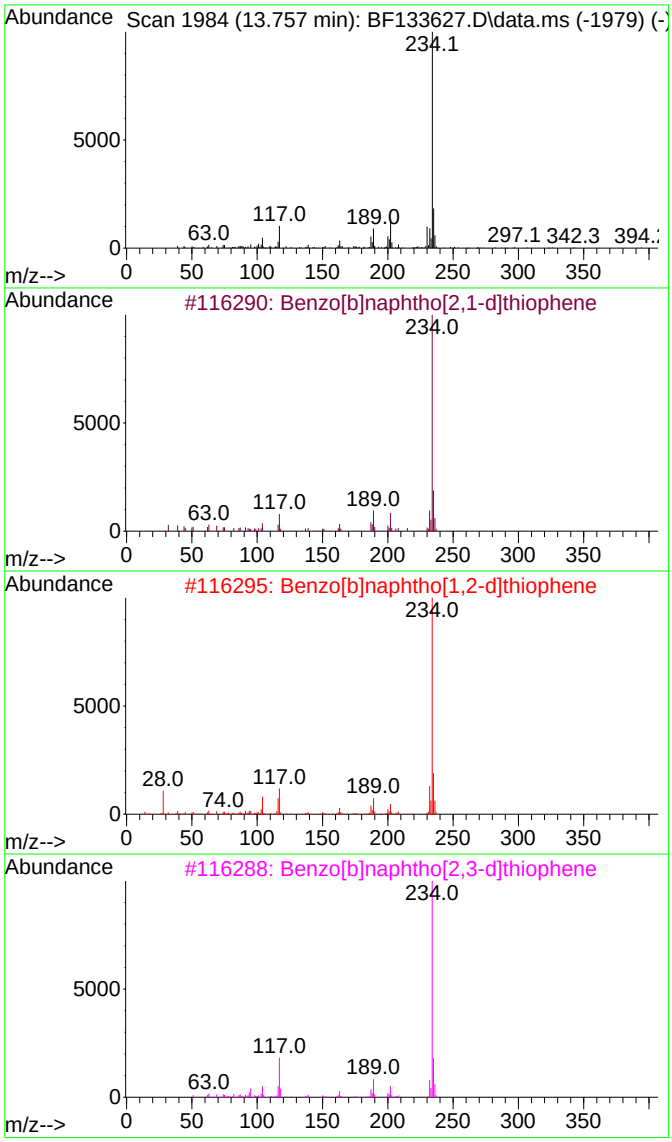
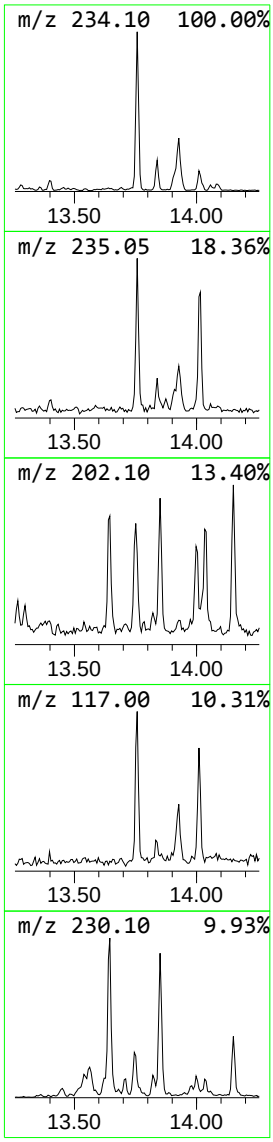
****
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	2.23 ng	209529	Chrysene-d12	14.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	87
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	59





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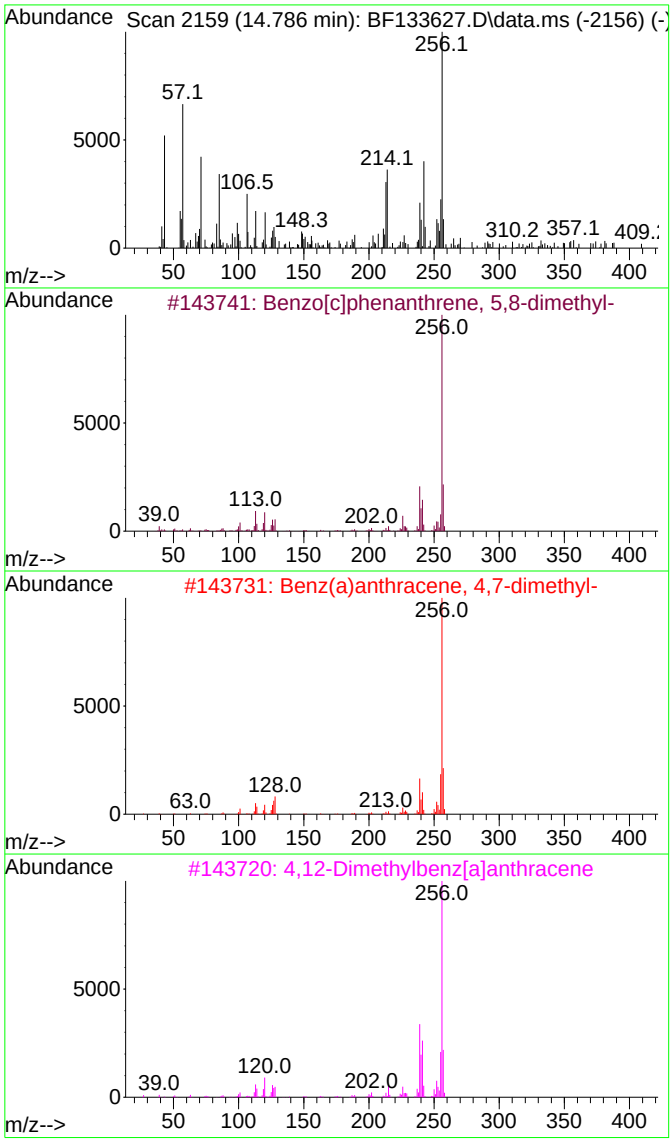
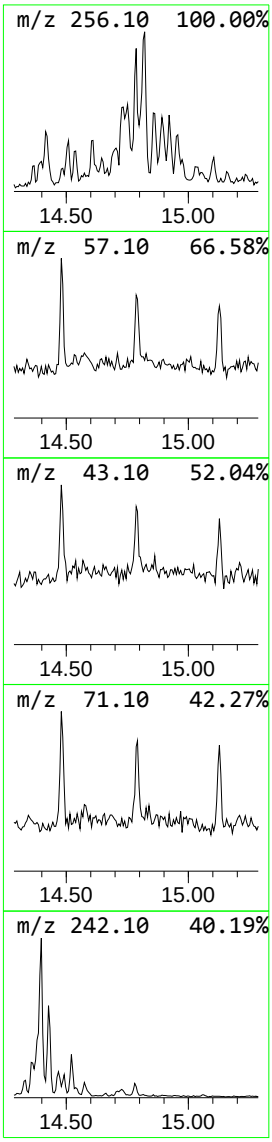
Peak Number 17 unknown14.786 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	2.64 ng	70592	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	46
2	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	43
3	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	43
4	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	43
5	2,4-Diamino-5-methyl-6-phenylthi...	256	C13H12N4S	042160-11-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133627.D
Acq On : 07 Jun 2023 16:21
Operator : CG\JU
Sample : 03018-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
343

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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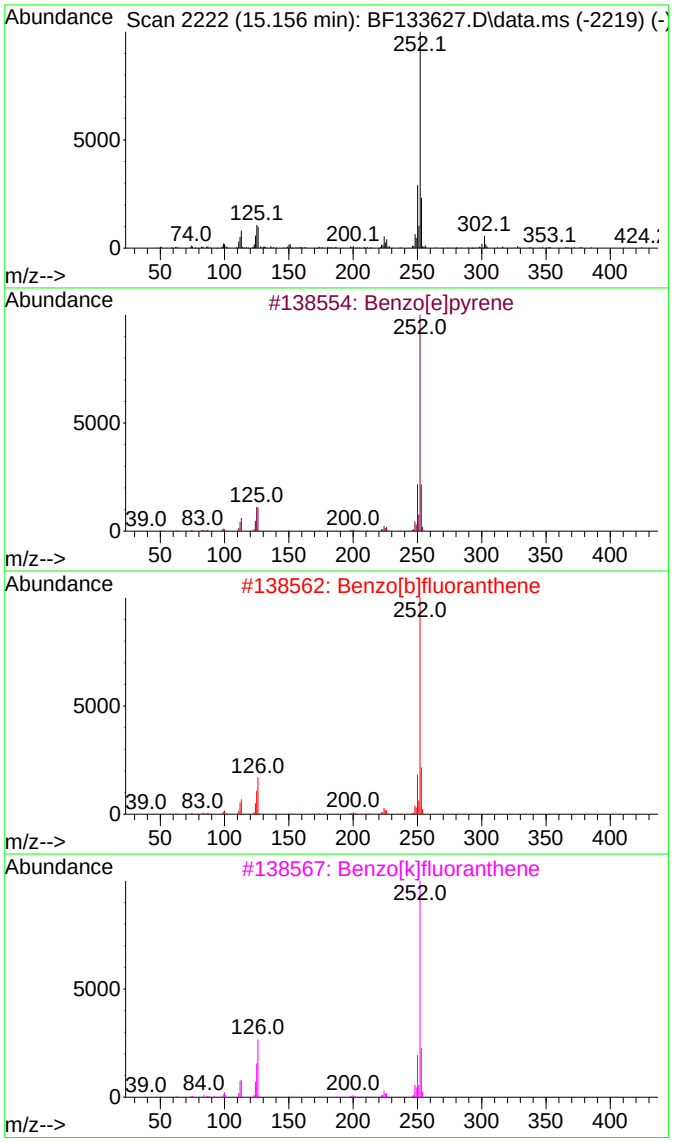
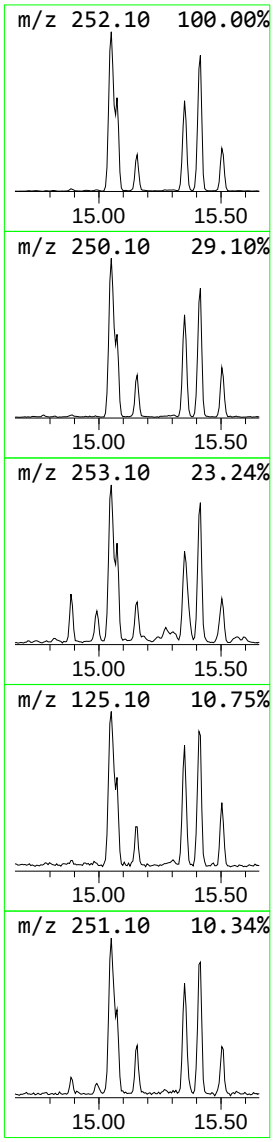
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.156	6.81 ng	182465	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	92
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	90





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Data File : BF133627.D
Acq On : 07 Jun 2023 16:21
Operator : CG\JU
Sample : 03018-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
343

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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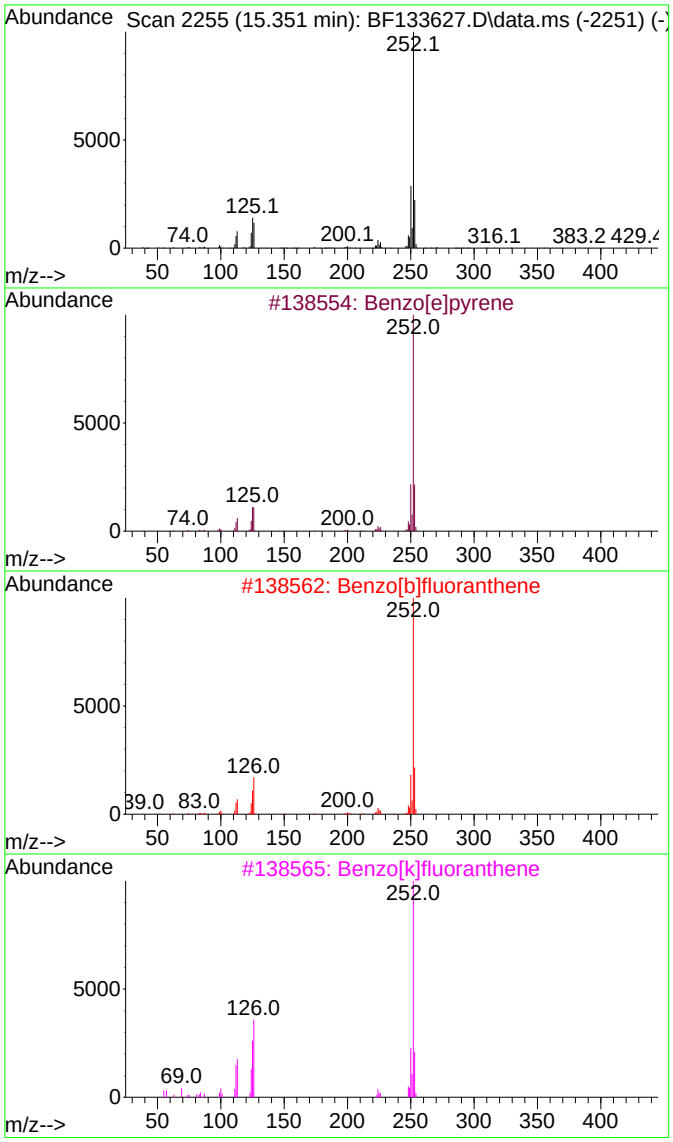
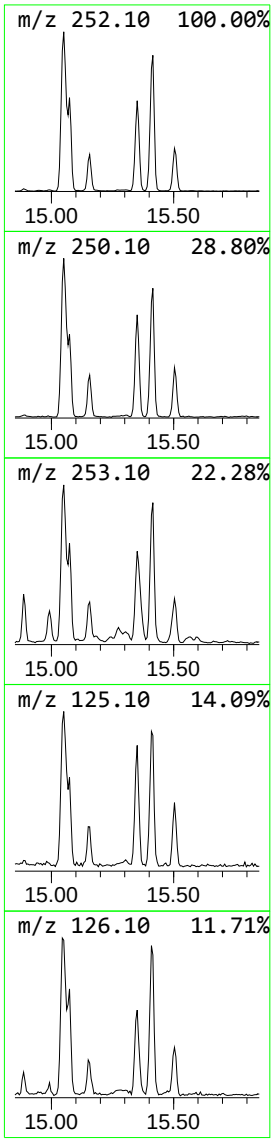
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	21.25 ng	568989	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[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133627.D
Acq On : 07 Jun 2023 16:21
Operator : CG\JU
Sample : 03018-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
343

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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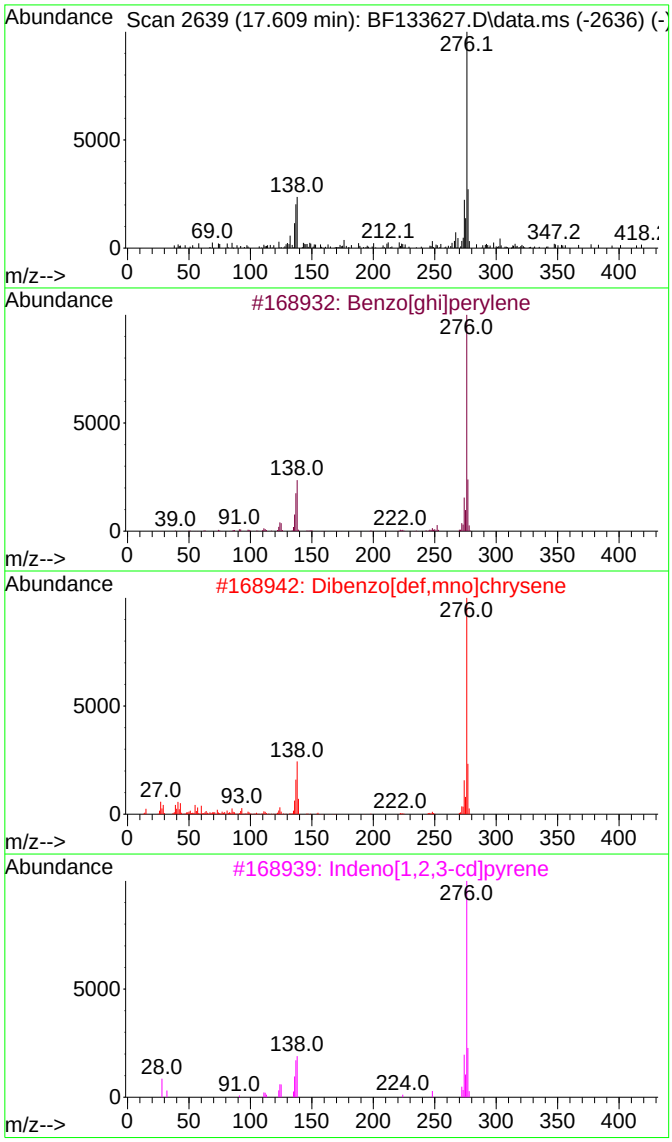
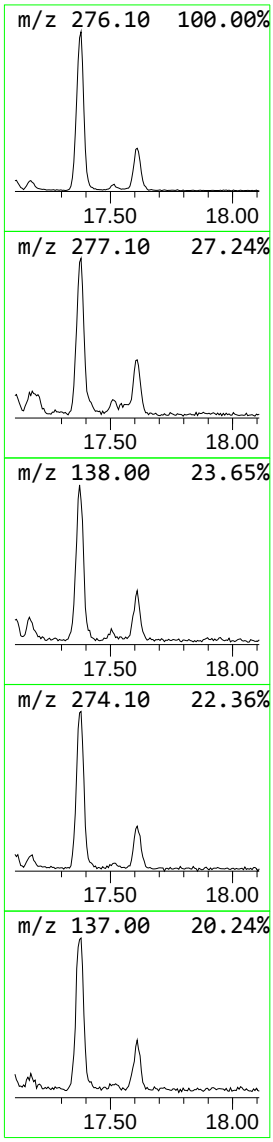
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.609	3.09 ng	82769	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	90
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	68
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133627.D
Acq On : 07 Jun 2023 16:21
Operator : CG\JU
Sample : 03018-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
343

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
Heptane, 5-ethy...	8.539	2.4	ng	124255	2	8.116	1038620	20.0
Tetradecane	9.275	2.3	ng	109051	3	9.874	945216	20.0
Naphthalene, 2,...	10.075	2.2	ng	103977	3	9.874	945216	20.0
Benzophenone	10.586	2.2	ng	103789	3	9.874	945216	20.0
unknown10.786	10.786	5.1	ng	207534	4	11.363	813069	20.0
9H-Fluoren-9-one	11.169	2.2	ng	89909	4	11.363	813069	20.0
Dodecane, 2-met...	11.227	3.8	ng	155336	4	11.363	813069	20.0
Phenanthrene, 2...	11.892	7.0	ng	286712	4	11.363	813069	20.0
unknown11.974	11.974	5.8	ng	235799	4	11.363	813069	20.0
Eicosane	12.069	2.6	ng	105833	4	11.363	813069	20.0
Naphthalene, 2-...	12.163	2.7	ng	109290	4	11.363	813069	20.0
Phenanthrene, 2...	12.416	3.9	ng	159013	4	11.363	813069	20.0
Phenanthrene, 3...	12.451	3.2	ng	131277	4	11.363	813069	20.0
Cyclopenta(def)...	12.498	3.3	ng	134324	4	11.363	813069	20.0
Pyrene, 1-methyl-	13.027	2.4	ng	223061	5	14.009	1880720	20.0
Benzo[b]naphtho...	13.757	2.2	ng	209529	5	14.009	1880720	20.0
unknown14.786	14.786	2.6	ng	70592	6	15.474	535510	20.0
Benzo[e]pyrene	15.156	6.8	ng	182465	6	15.474	535510	20.0
Perylene	15.351	21.3	ng	568989	6	15.474	535510	20.0
Dibenzo[def,mno...	17.609	3.1	ng	82769	6	15.474	535510	20.0