LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129507.D
Acq On : 02 Aug 2022 14:42
Operator : CG\JU
Sample : N3995-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

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: BF129507.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	477	481	490	rVB	104618	136770	3.07%	0.263%
2	5.516	545	549	552	rBV	4417442	3917236	88.02%	7.530%
3	6.522	715	720	723	rBV	4320953	4000415	89.88%	7.690%
4	6.875	776	780	783	rBV	1387013	1073831	24.13%	2.064%
5	7.439	871	876	879	rBV	2929860	2721596	61.15%	5.232%
6	8.157	994	998	1000	rBV	1729284	1431372	32.16%	2.751%
7	8.175	1000	1001	1004	rVB	143597	103443	2.32%	0.199%
8	9.233	1176	1181	1184	rBV	4926820	4450638	100.00%	8.555%
9	9.569	1234	1238	1241	rBV2	59957	66223	1.49%	0.127%
10	9.916	1293	1297	1300	rVV	1801181	1463462	32.88%	2.813%
11	9.945	1300	1302	1305	rVB	323882	242067	5.44%	0.465%
12	10.069	1318	1323	1326	rBV2	48446	56289	1.26%	0.108%
13	10.116	1327	1331	1335	rVB	152663	134824	3.03%	0.259%
14	10.227	1345	1350	1353	rBV3	42311	57941	1.30%	0.111%
15	10.333	1362	1368	1371	rBV6	51545	82539	1.85%	0.159%
16	10.463	1386	1390	1394	rVB	274103	245862	5.52%	0.473%
17	10.545	1402	1404	1407	rVB2	72570	66912	1.50%	0.129%
18	10.616	1414	1416	1421	rVB	87117	85541	1.92%	0.164%
19	10.710	1427	1432	1435	rBV	2787090	2566290	57.66%	4.933%
20	10.804	1445	1448	1457	rVB5	85978	158861	3.57%	0.305%
21	11.010	1476	1483	1485	rBV3	91958	144922	3.26%	0.279%
22	11.133	1500	1504	1506	rBV3	51083	81562	1.83%	0.157%
23	11.210	1514	1517	1520	rVB	82493	70705	1.59%	0.136%
24	11.251	1521	1524	1527	rBV3	145569	170370	3.83%	0.327%
25	11.298	1530	1532	1536	rVB	142263	128050	2.88%	0.246%
26	11.404	1546	1550	1552	rBV	1433253	1300737	29.23%	2.500%
27	11.427	1552	1554	1558	rVV	2349961	2122021	47.68%	4.079%
28	11.480	1558	1563	1565	rVV	579894	511896	11.50%	0.984%
29	11.516	1565	1569	1574	rVB3	67582	111713	2.51%	0.215%
30	11.639	1585	1590	1594	rBV2	234246	272936	6.13%	0.525%
31	11.680	1594	1597	1599	rBV	145761	113912	2.56%	0.219%
32	11.733	1604	1606	1610	rVB3	54995	60365	1.36%	0.116%
33	11.904	1632	1635	1638	rBV	352116	370478	8.32%	0.712%
34	11.933	1638	1640	1643	rVB	533555	417749	9.39%	0.803%
35	11.980	1645	1648	1651	rBV	182151	161735	3.63%	0.311%
36	12.021	1651	1655	1657	rBV2	470129	561761	12.62%	1.080%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129507.D
Acq On : 02 Aug 2022 14:42
Operator : CG\JU
Sample : N3995-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

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

37	12.086	1663	1666	1669	rBV	236870	204553	4.60%	0.393%
38	12.139	1673	1675	1679	rVV5	80832	87117	1.96%	0.167%
39	12.198	1683	1685	1688	rVV	188038	169888	3.82%	0.327%
40	12.227	1688	1690	1693	rBV	174324	144396	3.24%	0.278%
41	12.351	1708	1711	1713	rBV2	95632	75176	1.69%	0.145%
42	12.404	1718	1720	1723	rVB2	71022	56593	1.27%	0.109%
43	12.457	1726	1729	1731	rBV	184968	197972	4.45%	0.381%
44	12.474	1731	1732	1735	rVB	126726	88387	1.99%	0.170%
45	12.545	1741	1744	1748	rVB3	121214	142456	3.20%	0.274%
46	12.621	1753	1757	1760	rBV	2548718	2222093	49.93%	4.271%
47	12.657	1760	1763	1766	rVV2	134213	117704	2.64%	0.226%
48	12.680	1766	1767	1770	rVB2	61505	52458	1.18%	0.101%
49	12.851	1789	1796	1802	rBV	2274696	2595301	58.31%	4.989%
50	12.898	1802	1804	1808	rVB2	159597	158794	3.57%	0.305%
51	12.986	1812	1819	1826	rVB	2948068	3043043	68.37%	5.850%
52	13.063	1828	1832	1837	rBV2	164819	288518	6.48%	0.555%
53	13.121	1840	1842	1845	rVV	155418	134219	3.02%	0.258%
54	13.151	1845	1847	1848	rVV2	90612	80766	1.81%	0.155%
55	13.174	1849	1851	1854	rVB	331232	296782	6.67%	0.570%
56	13.204	1854	1856	1859	rBV2	153012	121165	2.72%	0.233%
57	13.245	1860	1863	1865	rVB2	283846	224422	5.04%	0.431%
58	13.280	1865	1869	1872	rBV2	235905	263517	5.92%	0.507%
59	13.374	1883	1885	1888	rBV	151169	117389	2.64%	0.226%
60	13.404	1888	1890	1897	rVB2	159046	191066	4.29%	0.367%
61	13.551	1912	1915	1917	rBV3	96459	109549	2.46%	0.211%
62	13.663	1931	1934	1935	rBV2	72633	82913	1.86%	0.159%
63	13.686	1936	1938	1942	rVB	165126	159838	3.59%	0.307%
64	13.798	1954	1957	1959	rBV2	129836	126230	2.84%	0.243%
65	13.821	1959	1961	1964	rVB	145811	126268	2.84%	0.243%
66	13.851	1964	1966	1968	rBV	144201	154254	3.47%	0.297%
67	14.045	1995	1999	2002	rBV2	1444078	2158393	48.50%	4.149%
68	14.074	2002	2004	2012	rVB	1171491	1068007	24.00%	2.053%
69	14.157	2016	2018	2020	rVB	142968	103955	2.34%	0.200%
70	14.280	2037	2039	2041	rVB	107436	72891	1.64%	0.140%
71	14.433	2063	2065	2068	rVB	264308	209980	4.72%	0.404%
72	14.468	2068	2071	2074	rBV	122246	107159	2.41%	0.206%
73	14.580	2088	2090	2094	rVB3	130085	123224	2.77%	0.237%
74	14.745	2116	2118	2121	rBV2	80072	68774	1.55%	0.132%
75	15.098	2174	2178	2182	rBV	902519	1490646	33.49%	2.865%
76	15.210	2194	2197	2201	rVB	173195	166201	3.73%	0.319%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129507.D
Acq On : 02 Aug 2022 14:42
Operator : CG\JU
Sample : N3995-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

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

77	15.410	2227	2231	2237	rVB	612384	782347	17.58%	1.504%
78	15.474	2237	2242	2247	rVV	900519	1079800	24.26%	2.076%
79	15.539	2248	2253	2256	rVV	935059	1191155	26.76%	2.290%
80	15.568	2256	2258	2264	rVB2	236076	312501	7.02%	0.601%
81	17.039	2502	2508	2518	rVB2	384655	742960	16.69%	1.428%
82	17.492	2580	2585	2599	rVB	281231	609630	13.70%	1.172%
83	17.733	2624	2626	2642	rVB2	87703	238250	5.35%	0.458%

Sum of corrected areas: 52021724

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
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Operator : CG\JU
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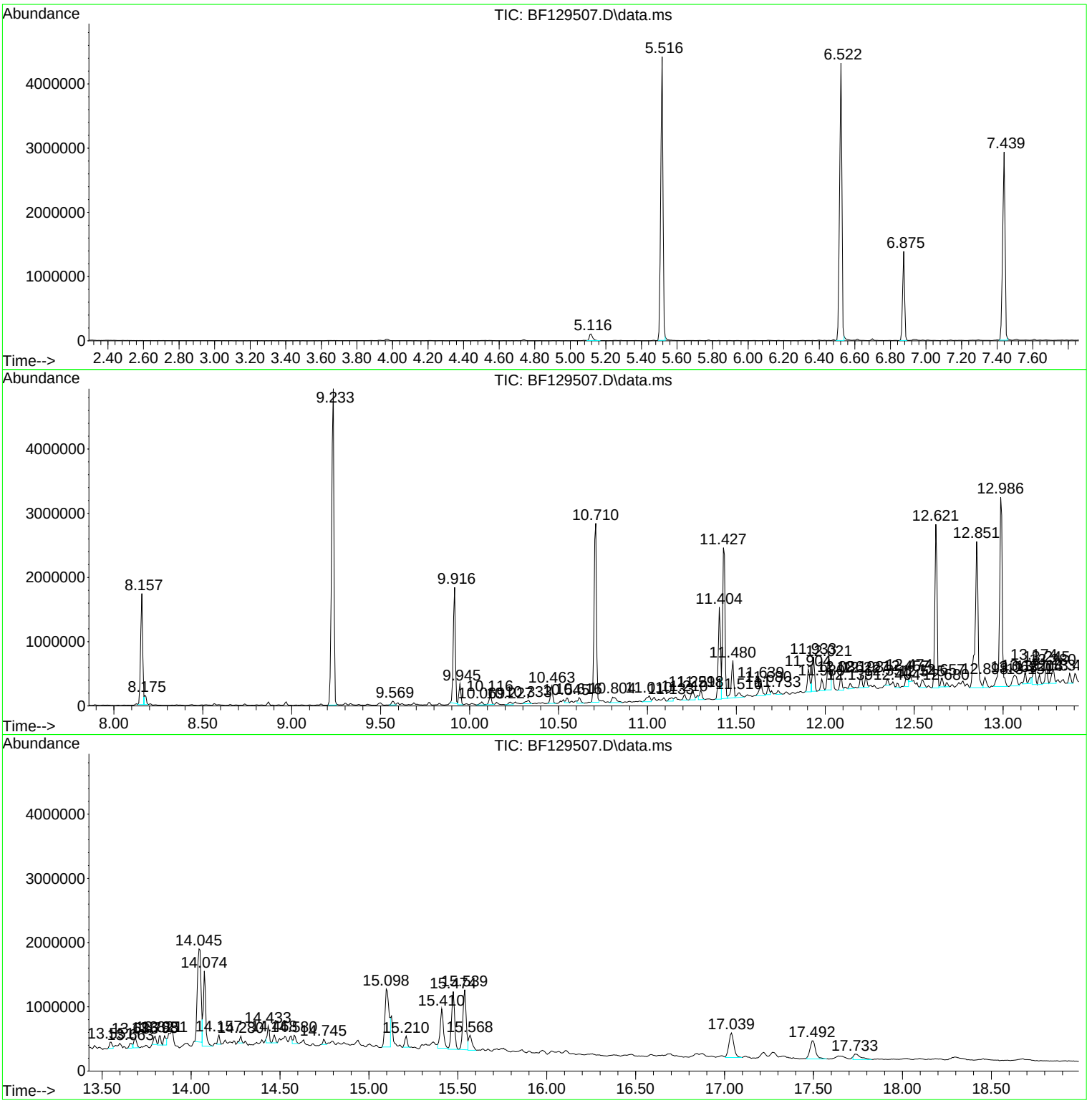
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129507.D
Acq On : 02 Aug 2022 14:42
Operator : CG\JU
Sample : N3995-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

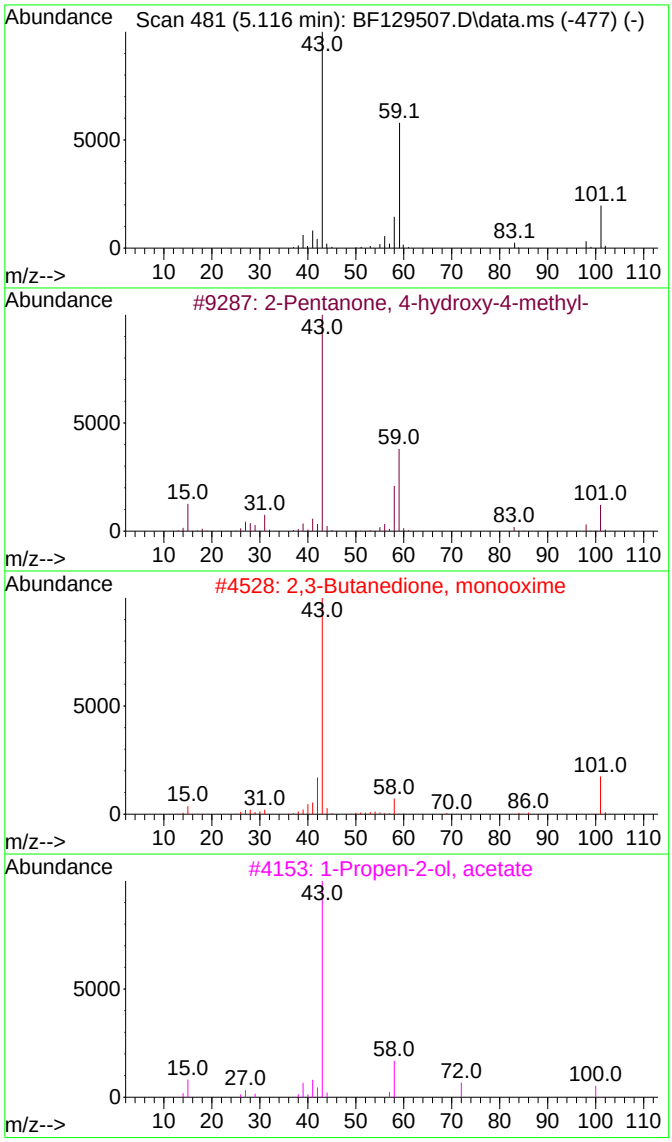
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

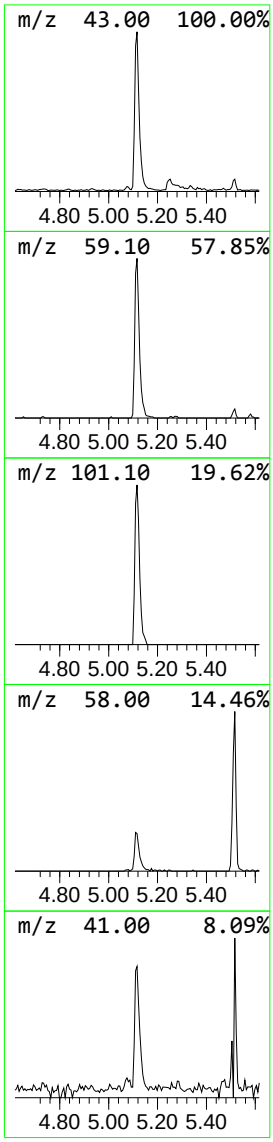
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	2.55 ng	136770	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Allyl acetate	100	C5H8O2	000591-87-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129507.D
Acq On : 02 Aug 2022 14:42
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Sample : N3995-02
Misc :
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Instrument :
BNA_F
ClientSampleId :
COMP-2

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

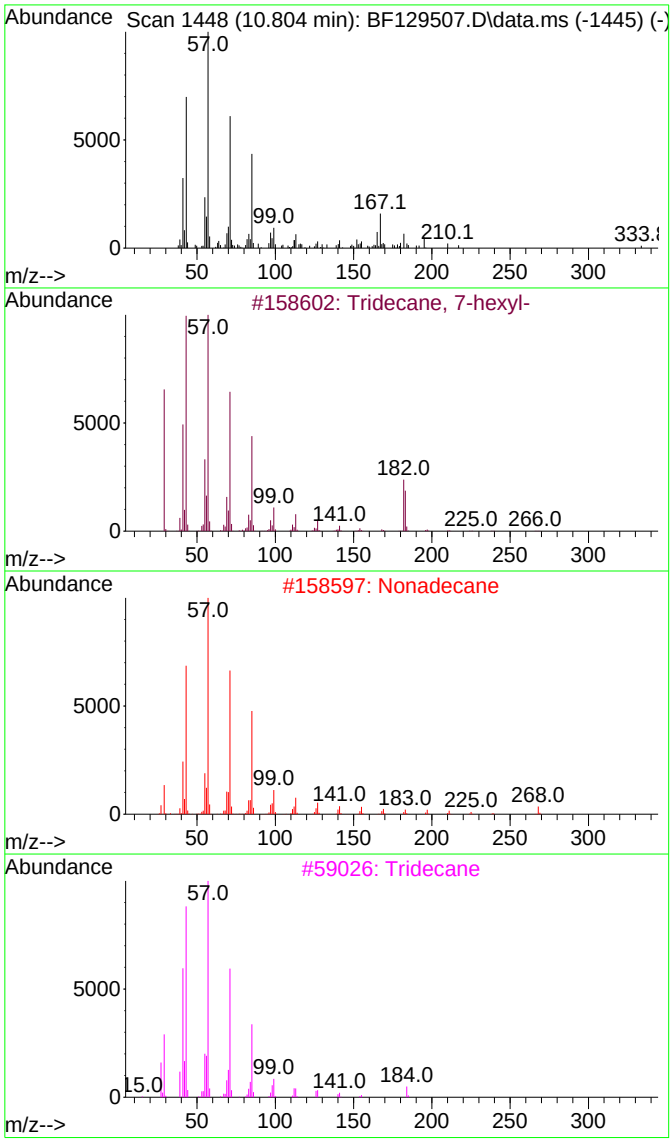
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

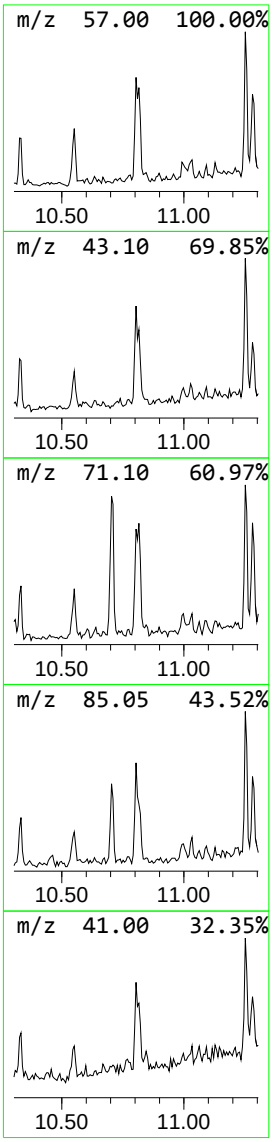
****

Peak Number 2 Tridecane, 7-hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	2.44 ng	158861	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72
2	Nonadecane	268	C19H40	000629-92-5	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129507.D
Acq On : 02 Aug 2022 14:42
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ALS Vial : 11 Sample Multiplier: 1

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

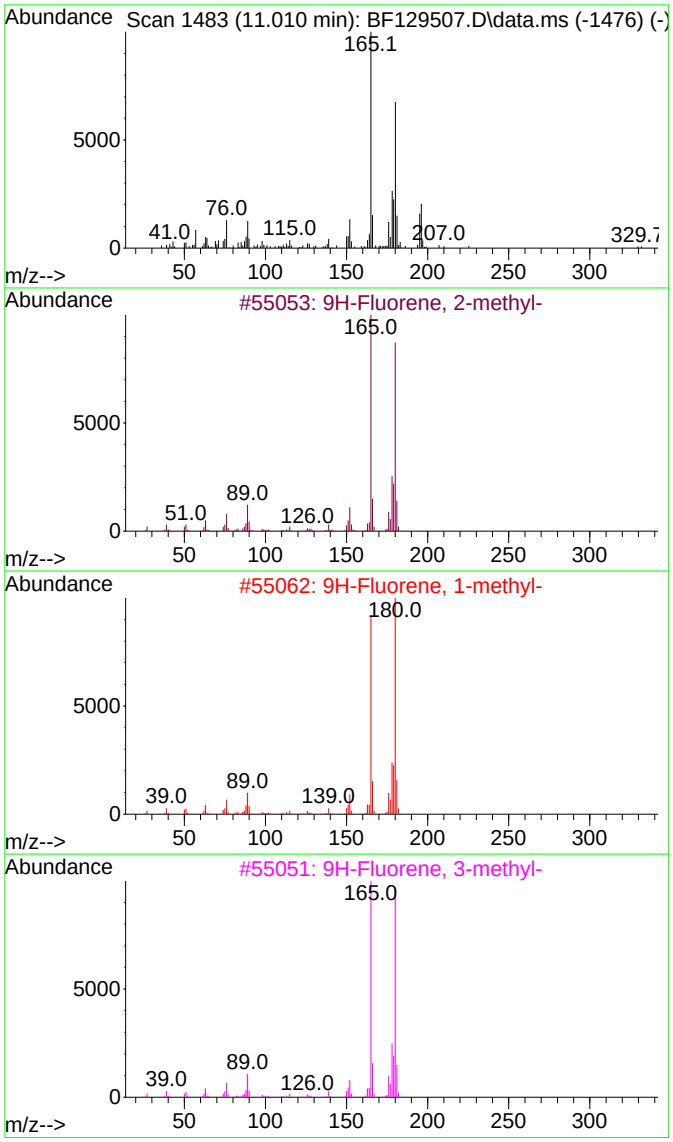
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

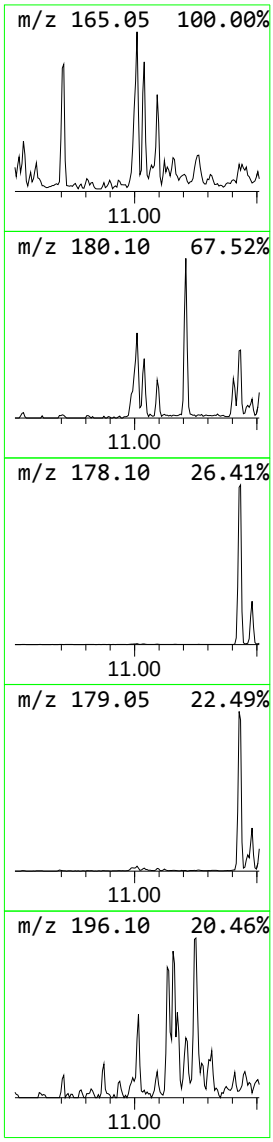
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.010	2.23 ng	144922	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129507.D
Acq On : 02 Aug 2022 14:42
Operator : CG\JU
Sample : N3995-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
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

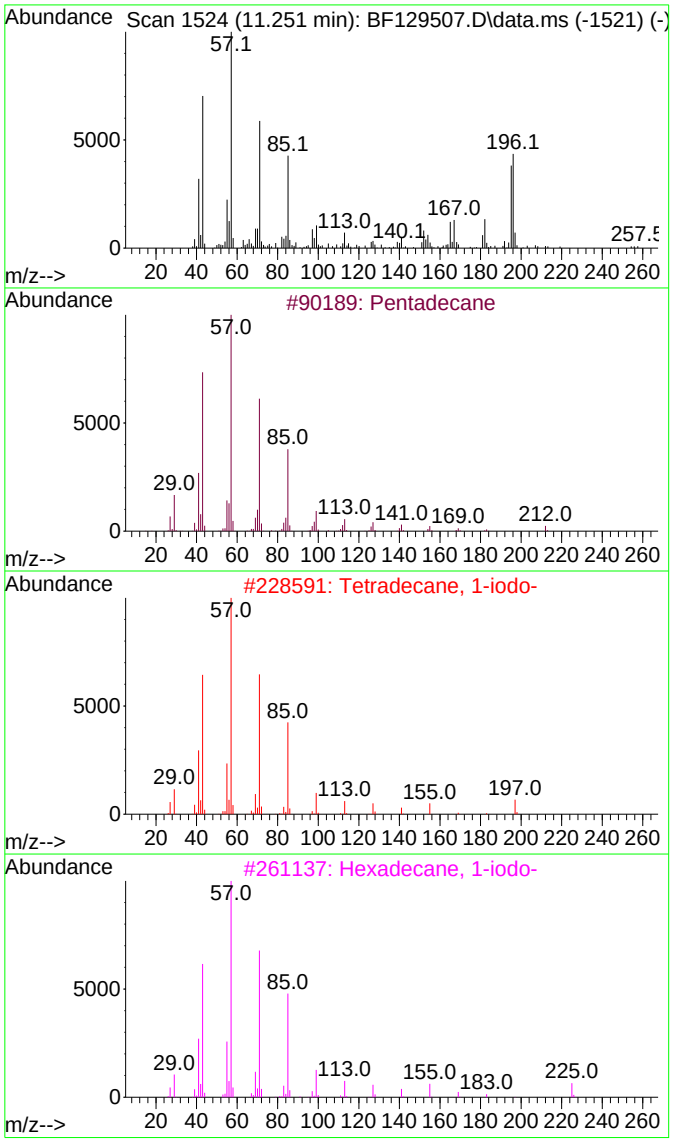
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

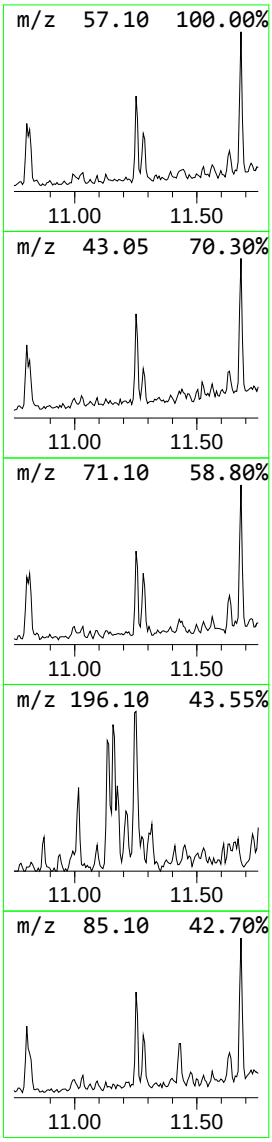
****

Peak Number 4 unknown11.251 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	2.62 ng	170370	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	45
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	45
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	43
4	Heptadecane	240	C17H36	000629-78-7	43
5	Eicosane	282	C20H42	000112-95-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
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Acq On : 02 Aug 2022 14:42
Operator : CG\JU
Sample : N3995-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

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

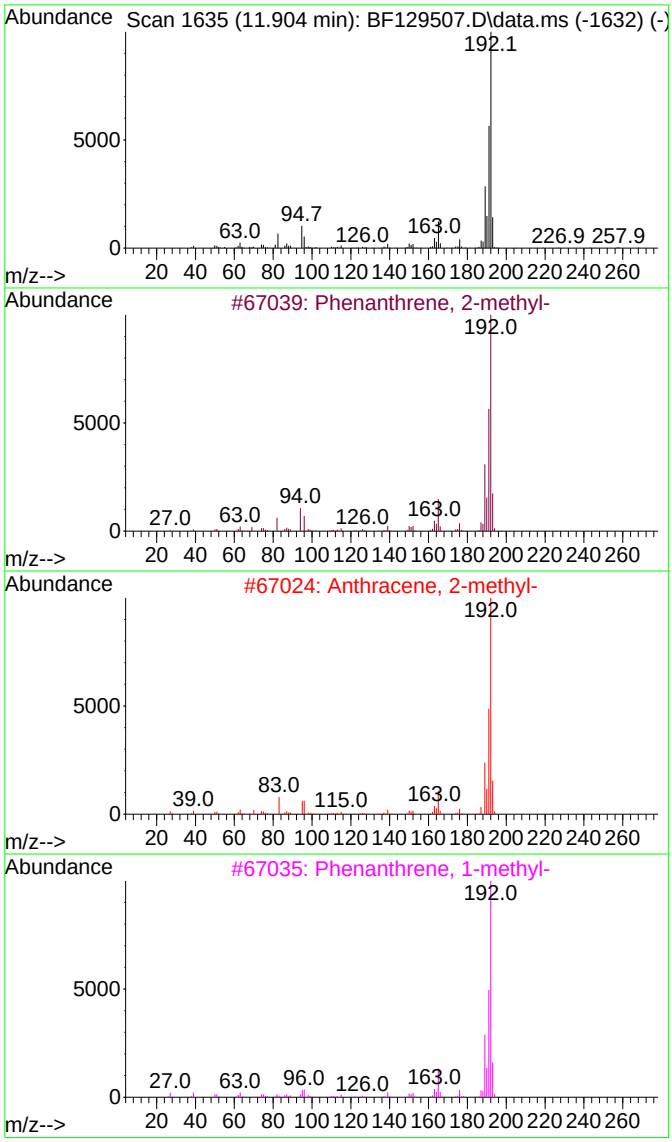
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

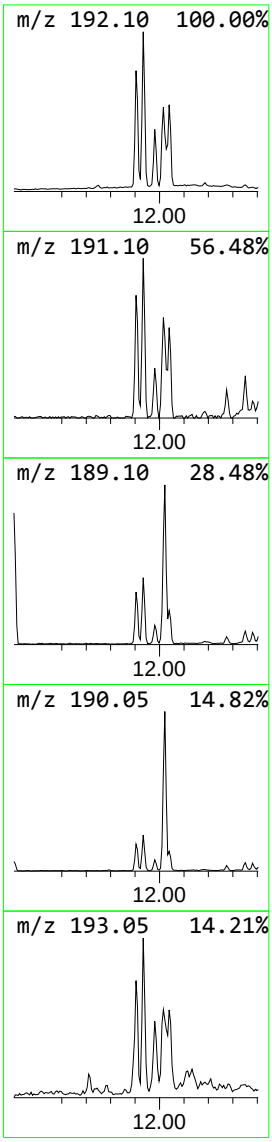
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	5.70 ng	370478	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129507.D
Acq On : 02 Aug 2022 14:42
Operator : CG\JU
Sample : N3995-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

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

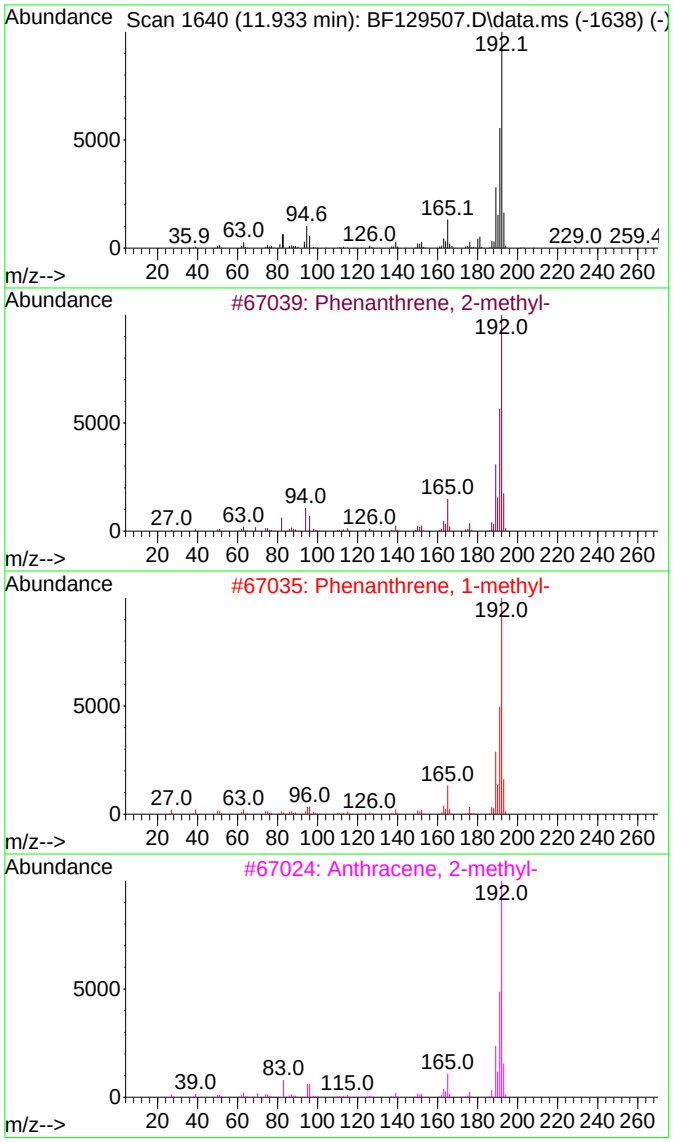
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

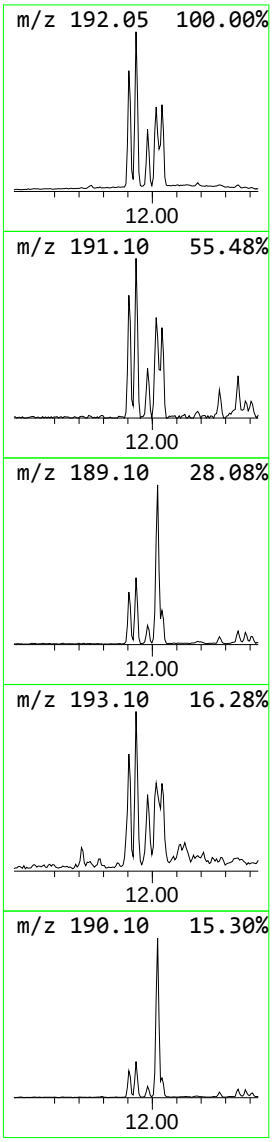
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	6.42 ng	417749	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Operator : CG\JU
Sample : N3995-02
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

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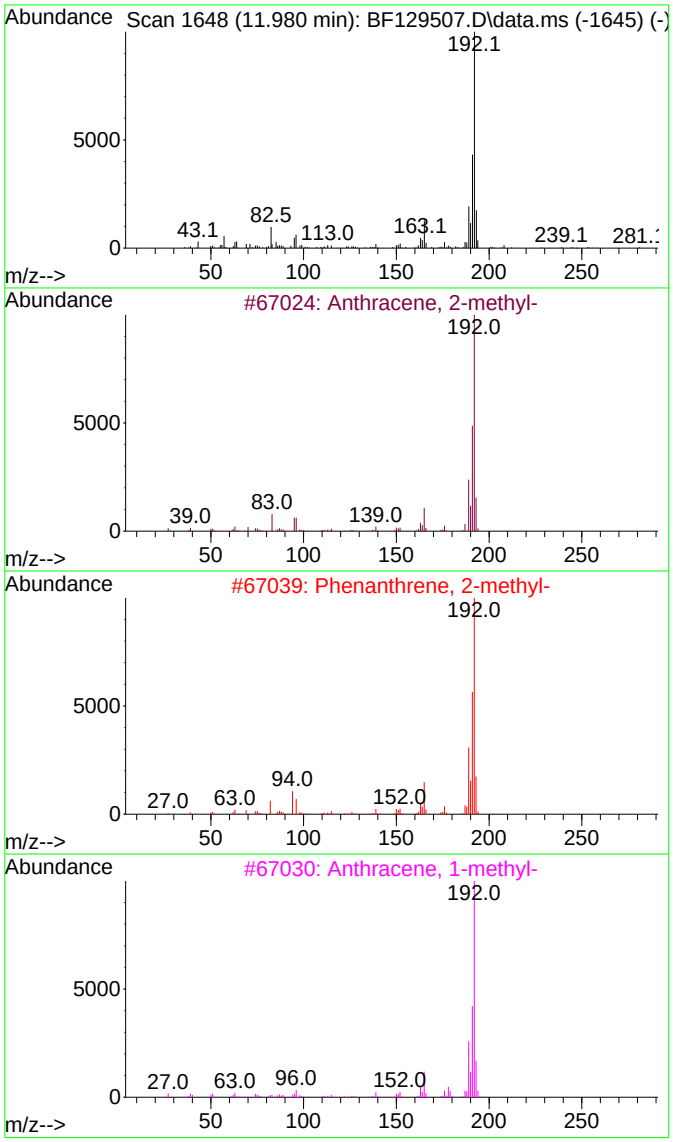
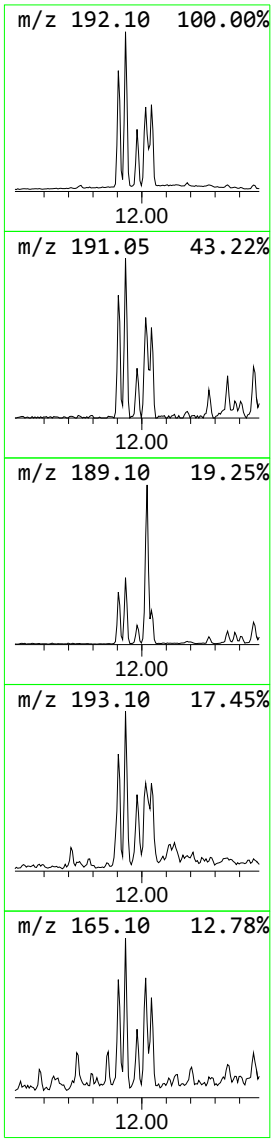
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	2.49 ng	161735	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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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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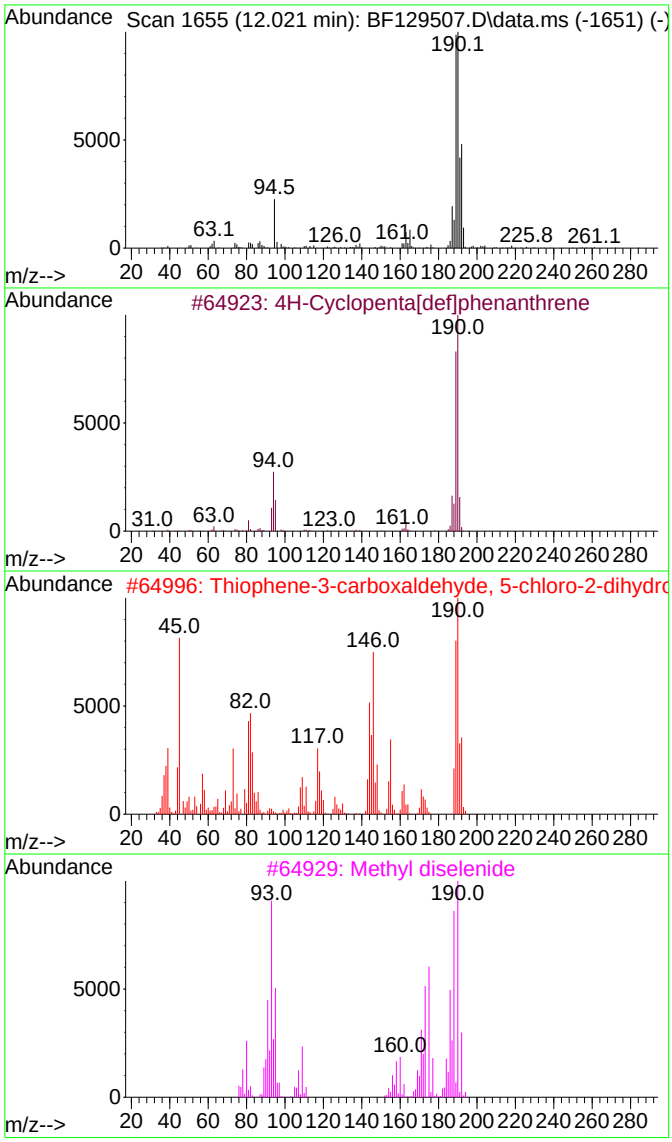
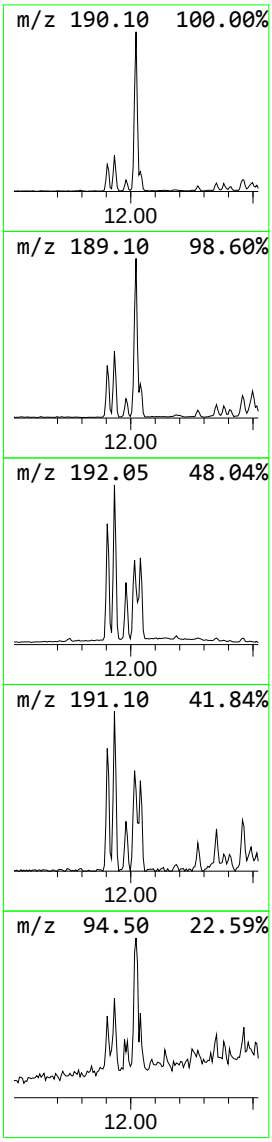
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	8.64 ng	561761	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
5	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38





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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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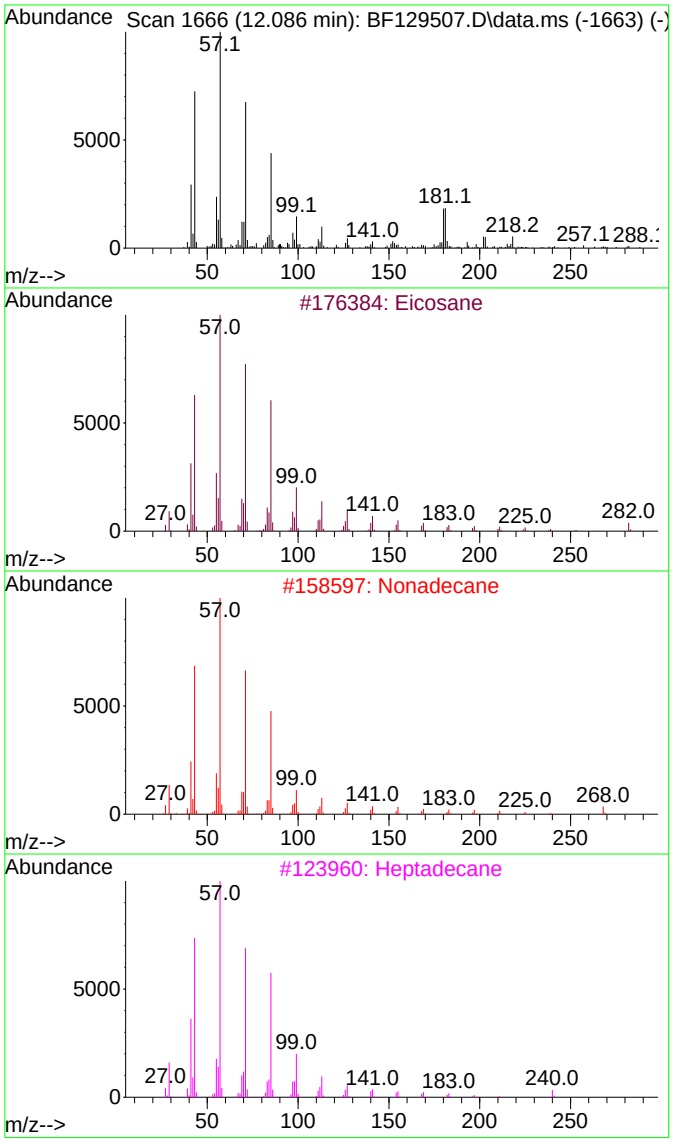
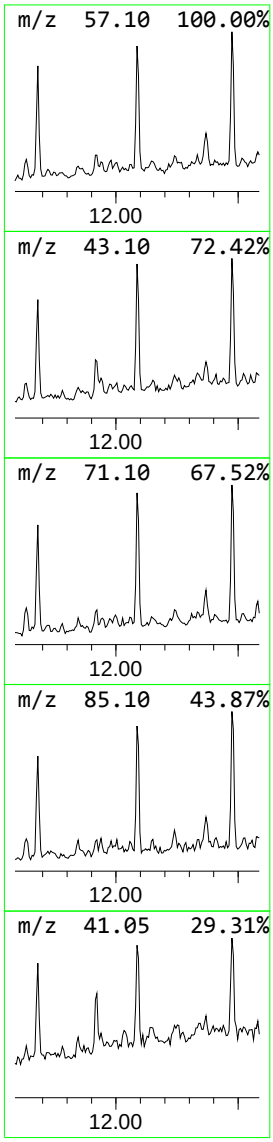
Peak Number 9 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	3.15 ng	204553	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Nonadecane	268	C19H40	000629-92-5	94
3	Heptadecane	240	C17H36	000629-78-7	93
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	76





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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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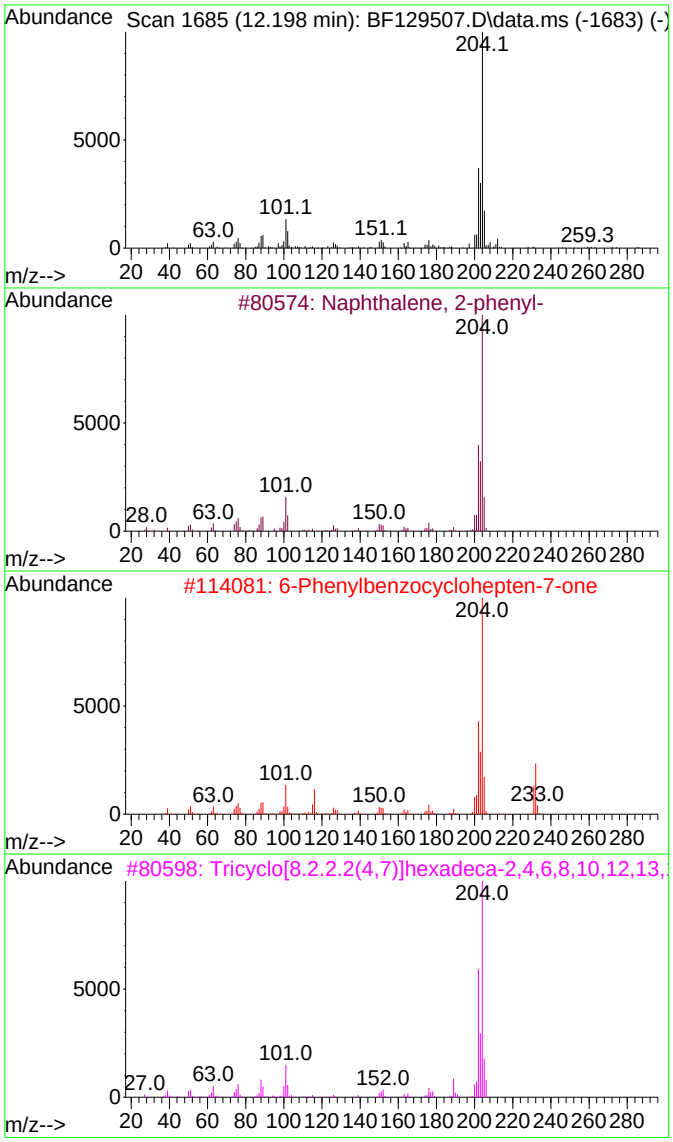
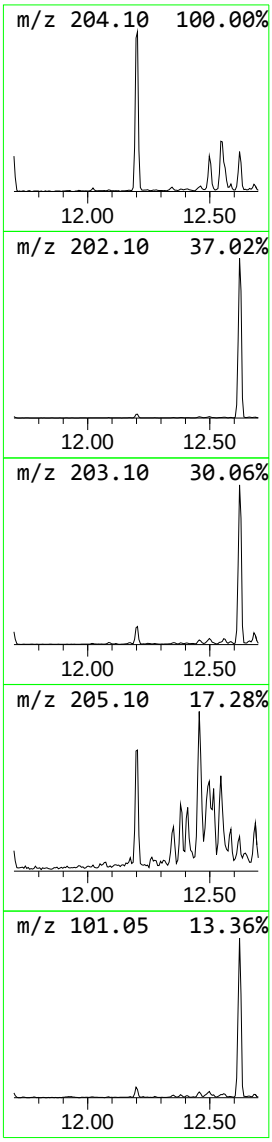
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	2.61 ng	169888	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60





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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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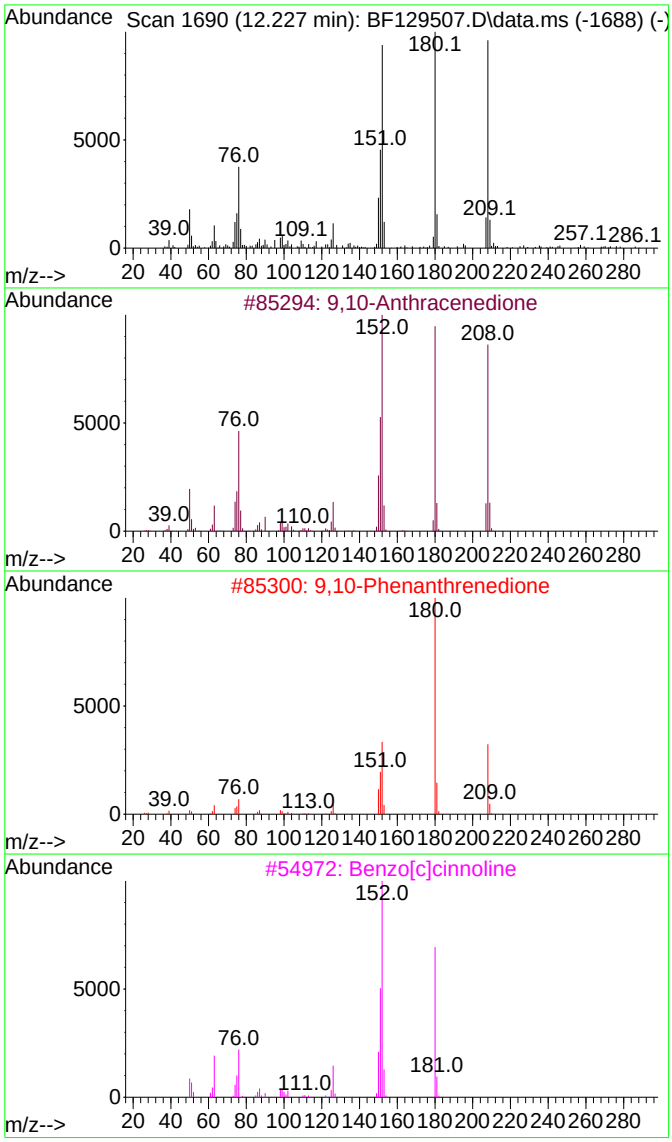
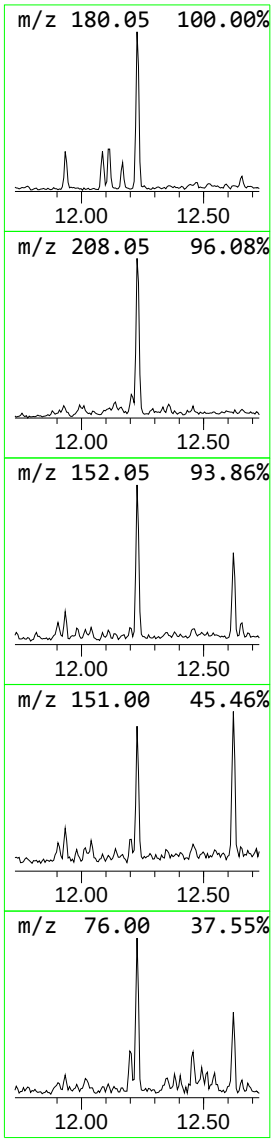
Peak Number 11 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	2.22 ng	144396	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	78
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
5	Acenaphthylene	152	C12H8	000208-96-8	60





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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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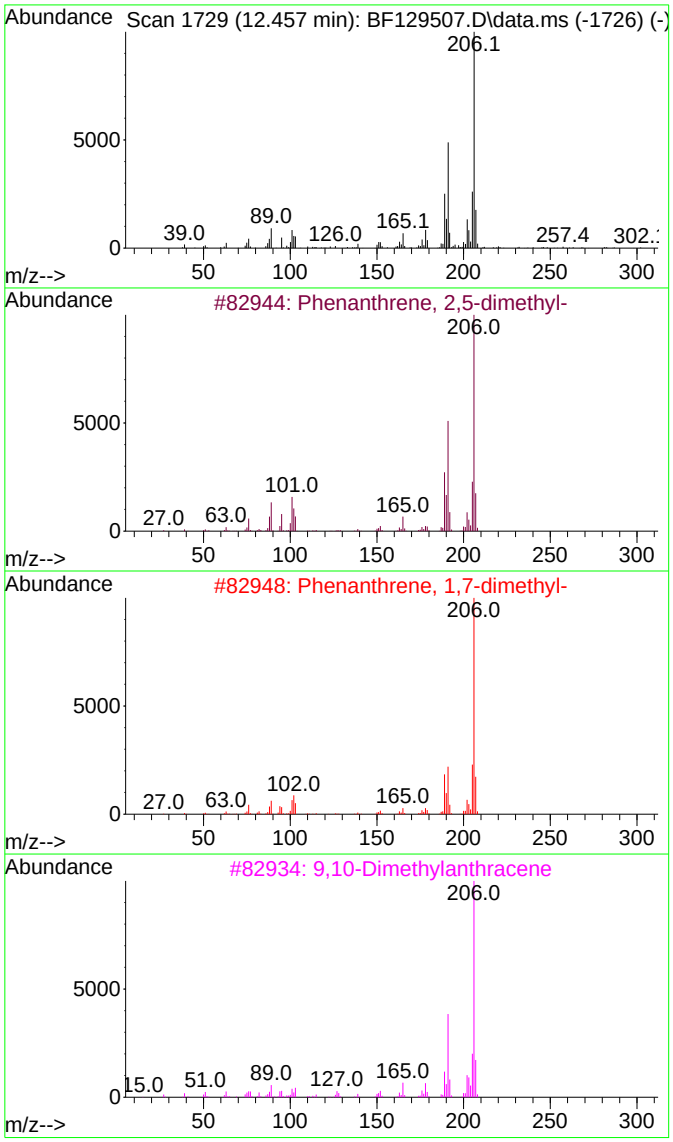
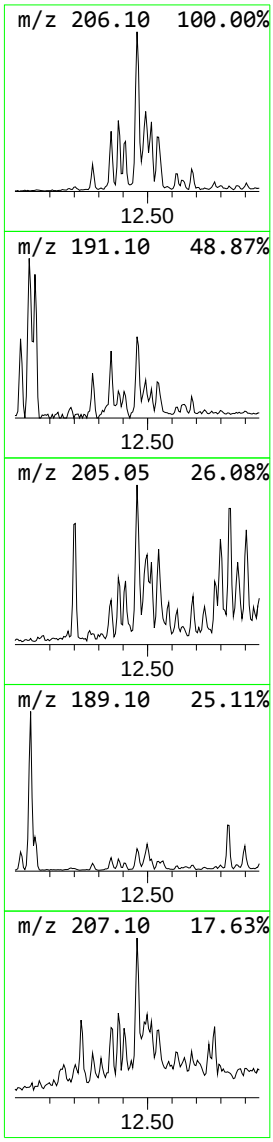
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	3.04 ng	197972	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91





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ALS Vial : 11 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

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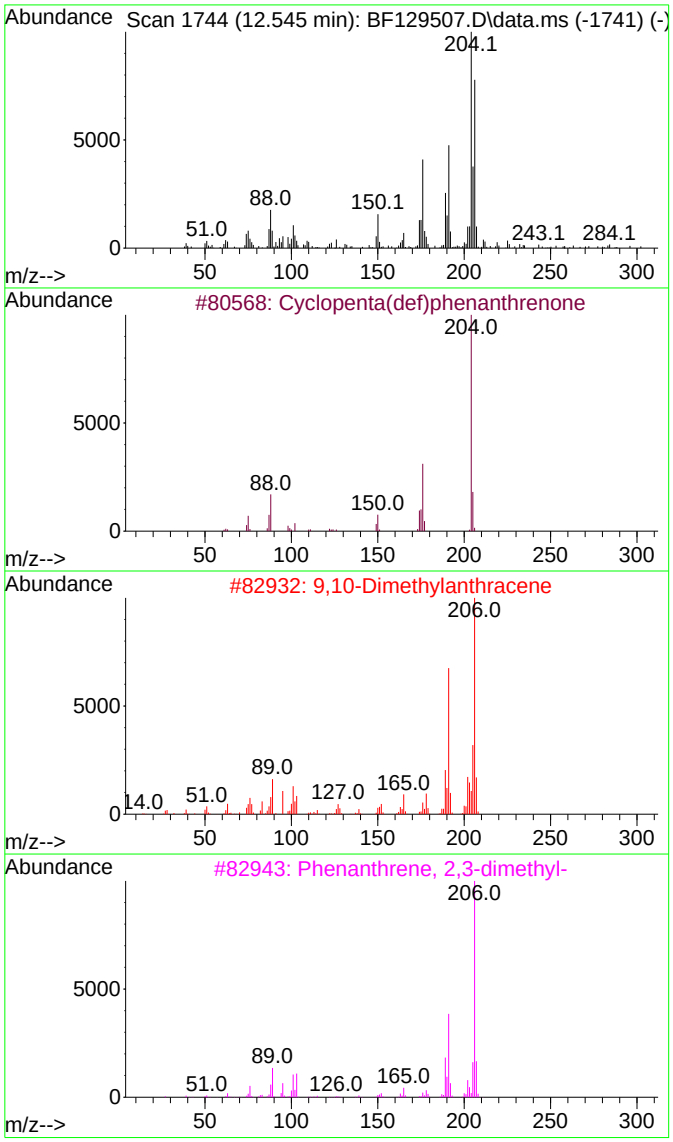
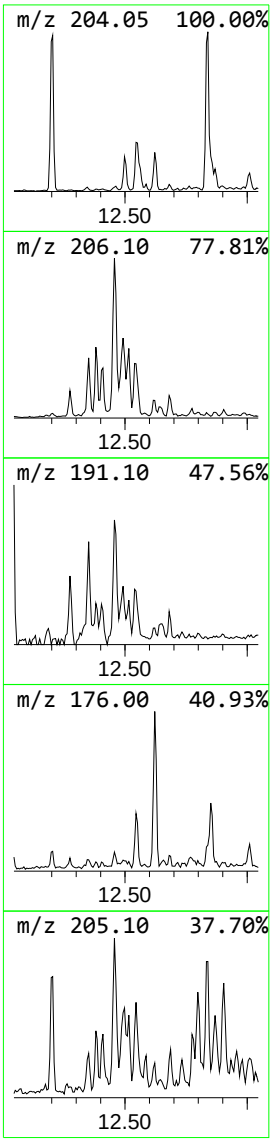
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	2.19 ng	142456	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	50
4	Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	46
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	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

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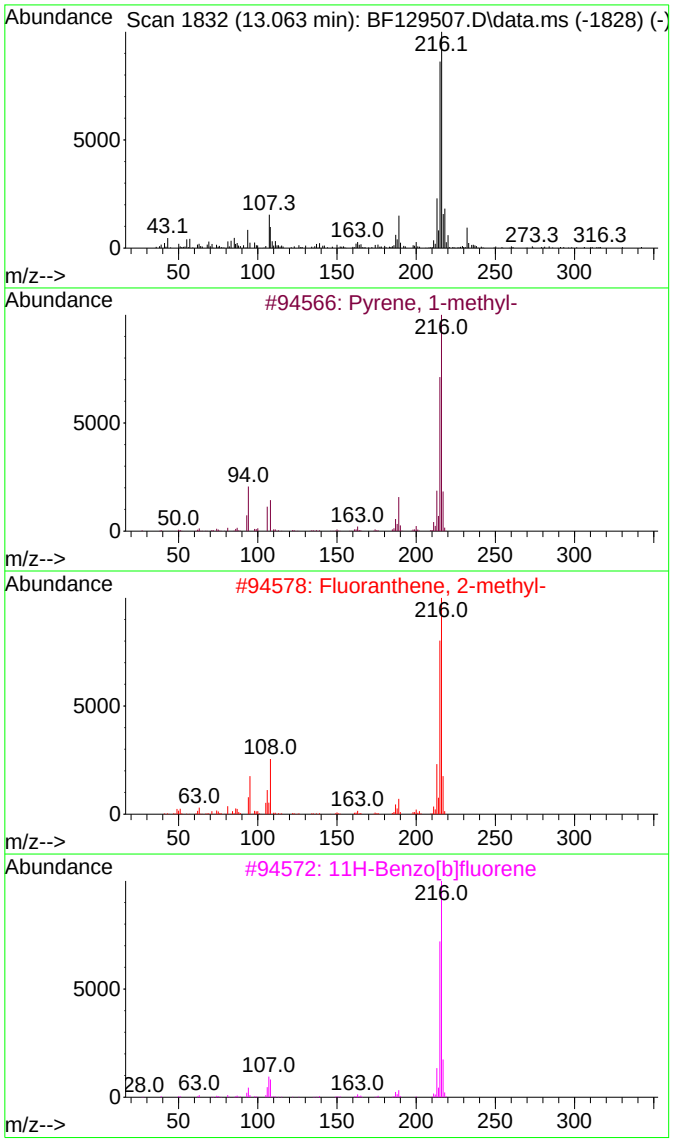
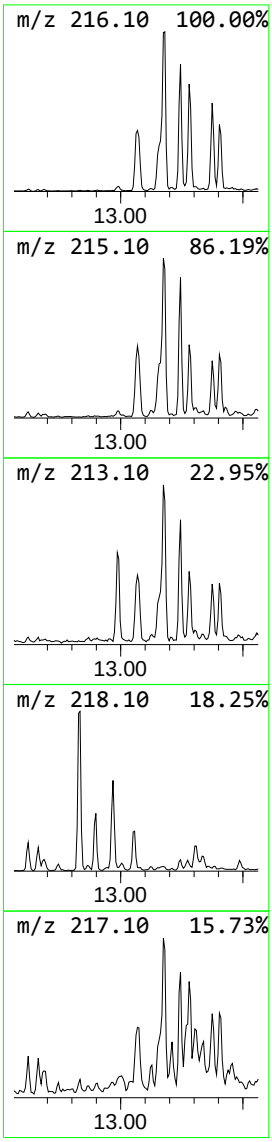
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	2.67 ng	288518	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	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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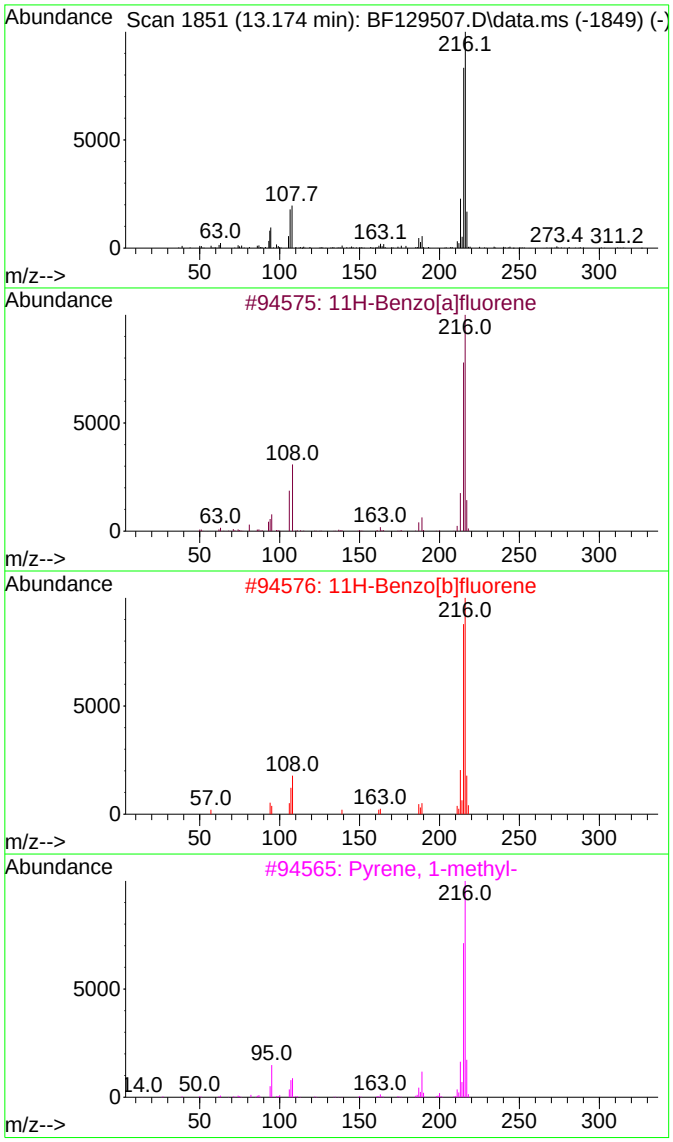
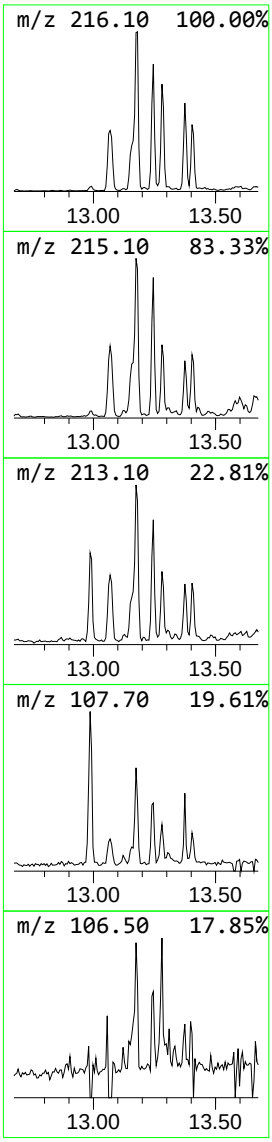
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	2.75 ng	296782	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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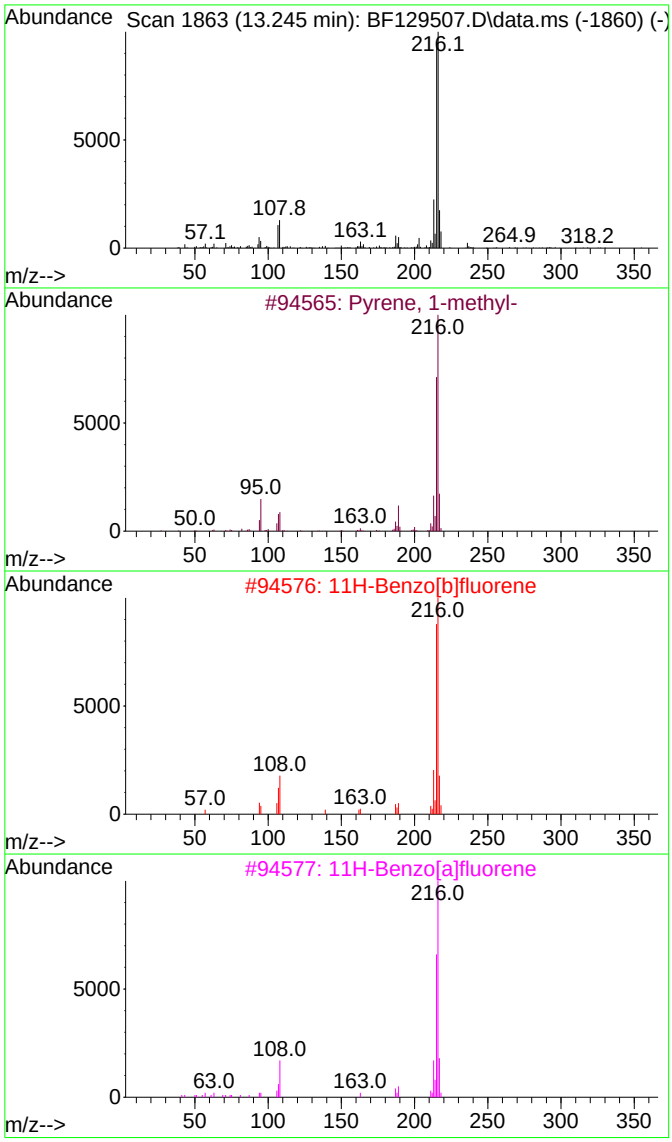
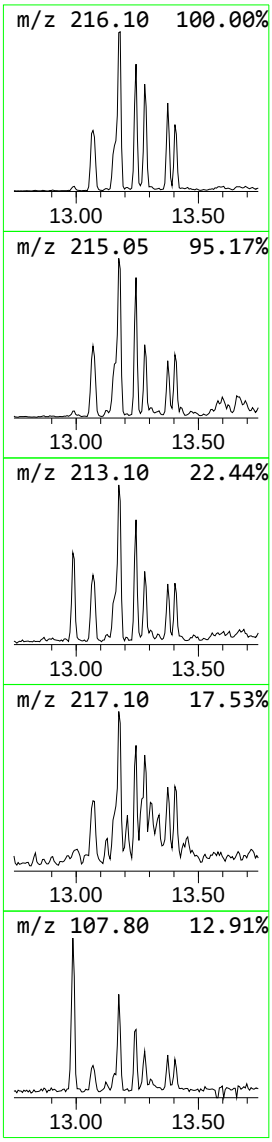
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	2.08 ng	224422	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59





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TIC Library : C:\Database\NIST20.L
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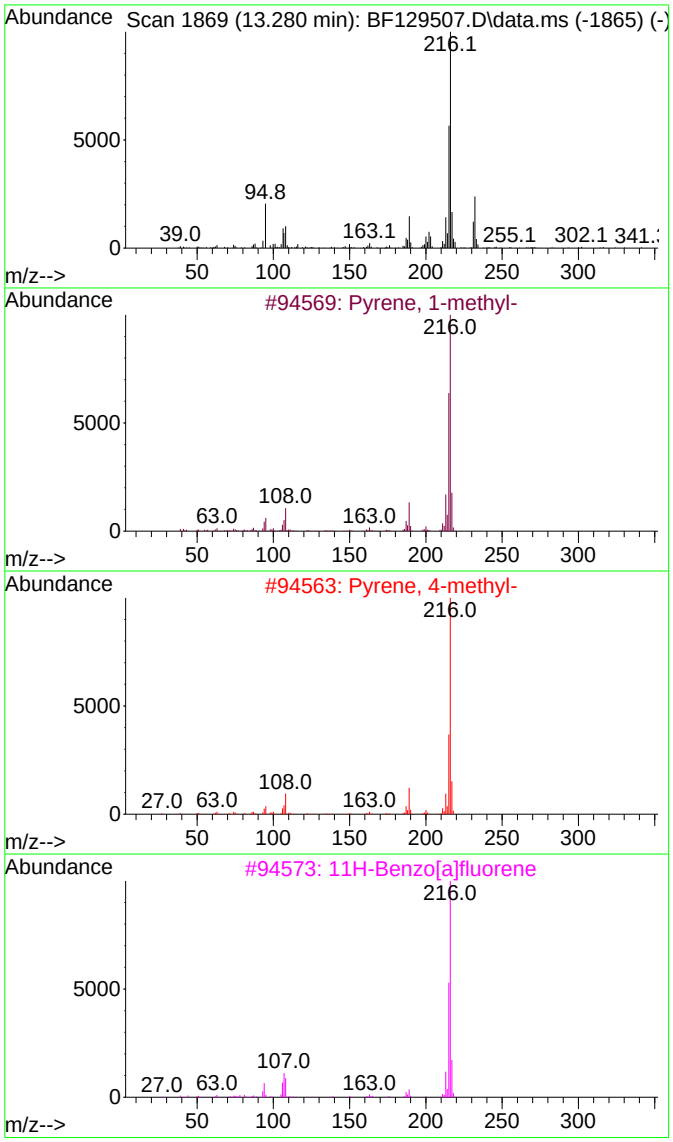
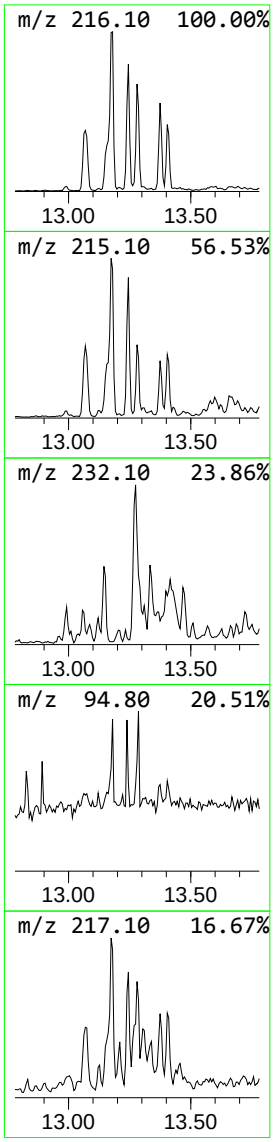
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	2.44 ng	263517	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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ALS Vial : 11 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
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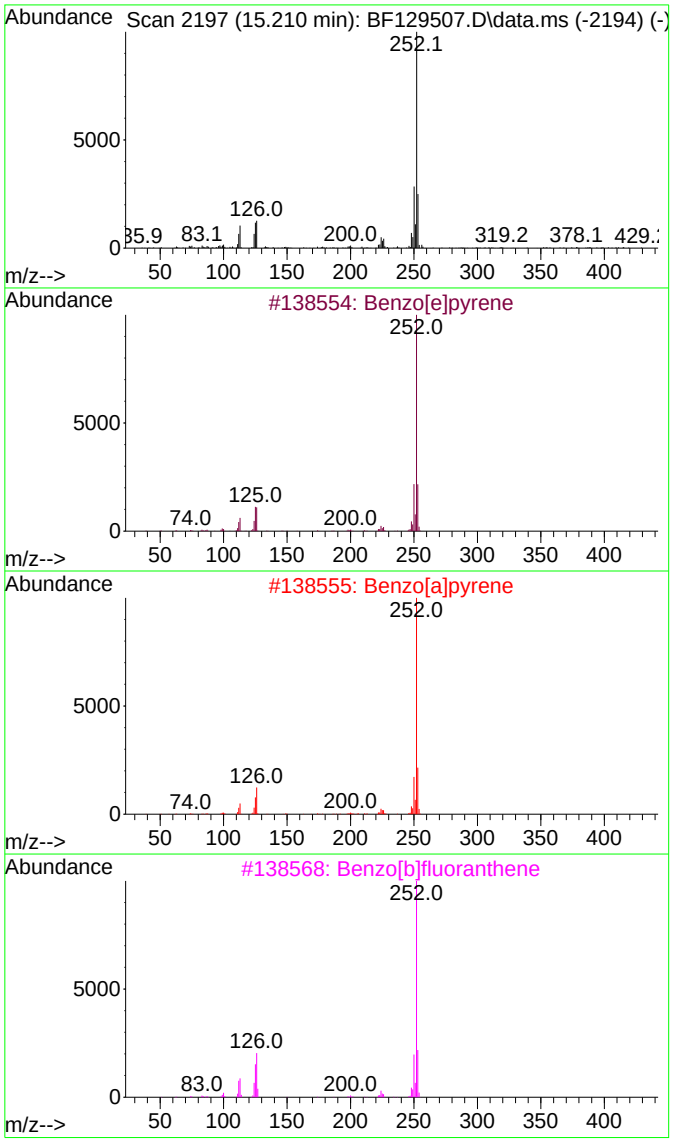
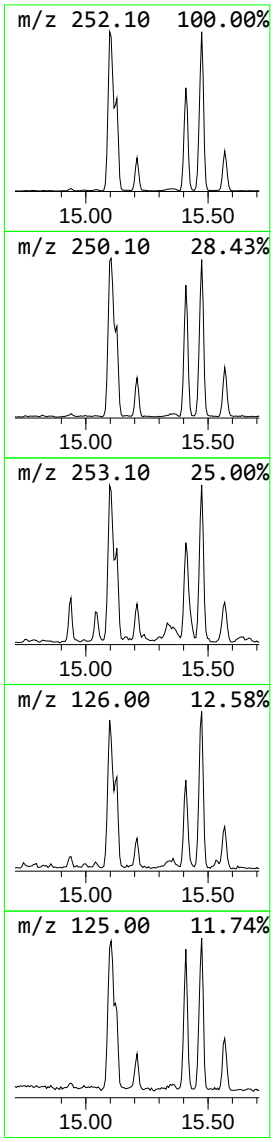
Peak Number 18 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	2.79 ng	166201	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





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Acq On : 02 Aug 2022 14:42
Operator : CG\JU
Sample : N3995-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

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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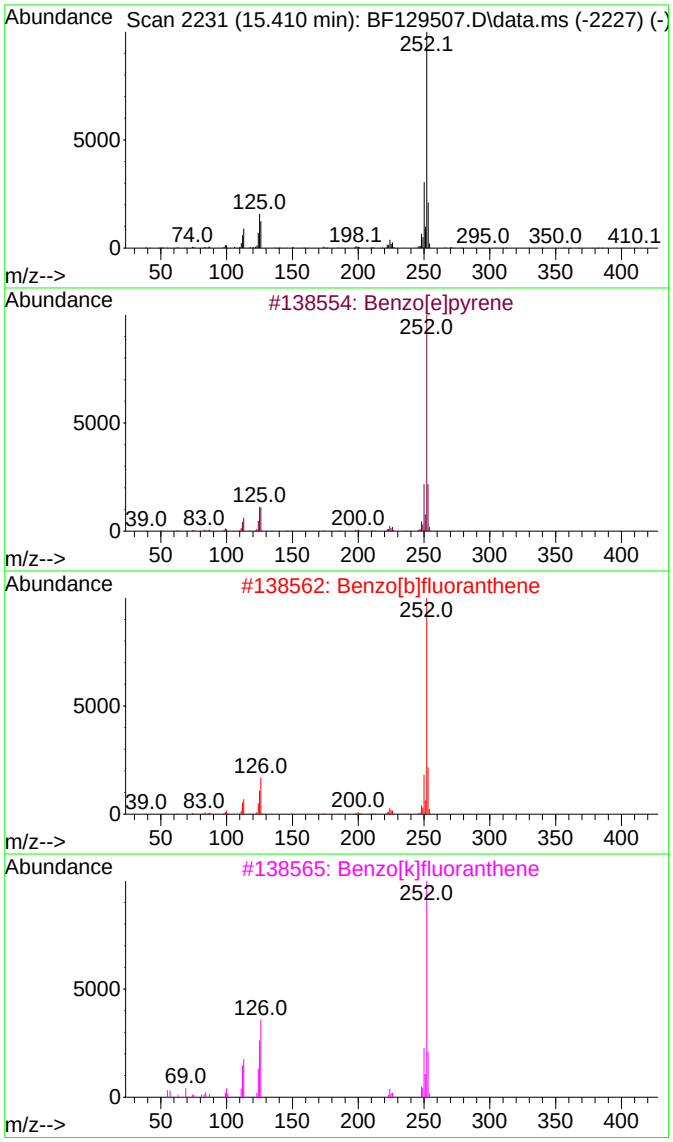
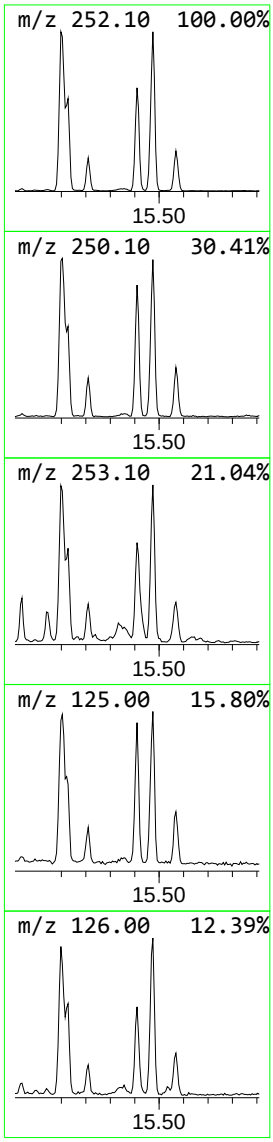
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	13.14 ng	782347	Perylene-d12	15.539

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	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Perylene	252	C20H12	000198-55-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129507.D
Acq On : 02 Aug 2022 14:42
Operator : CG\JU
Sample : N3995-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

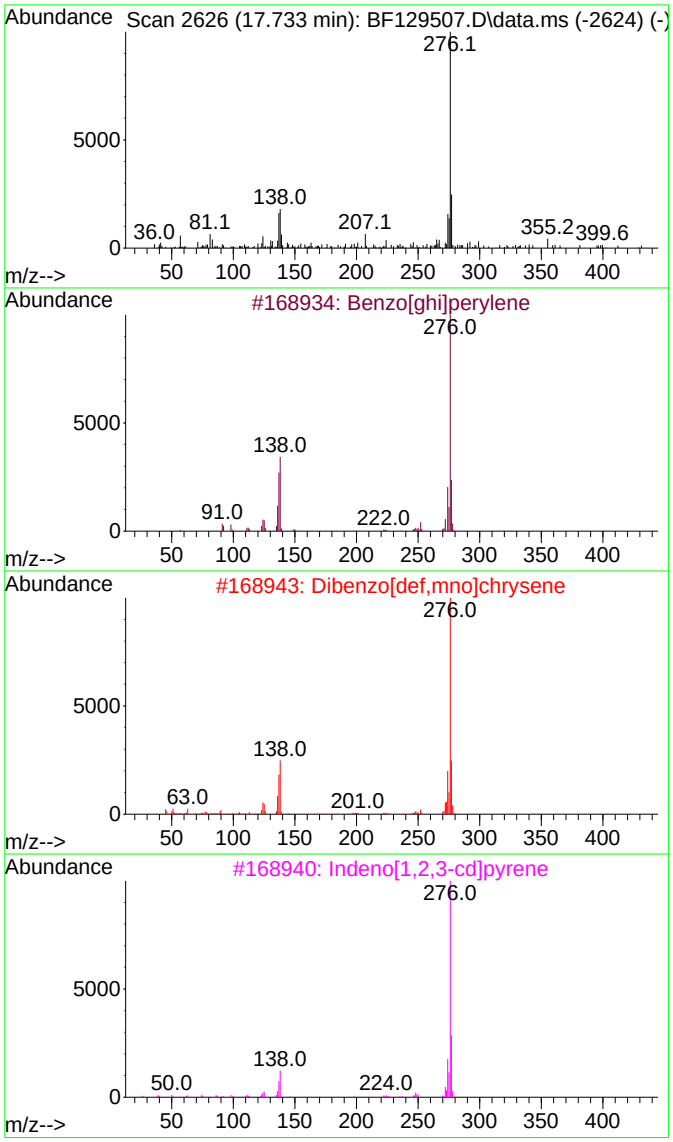
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

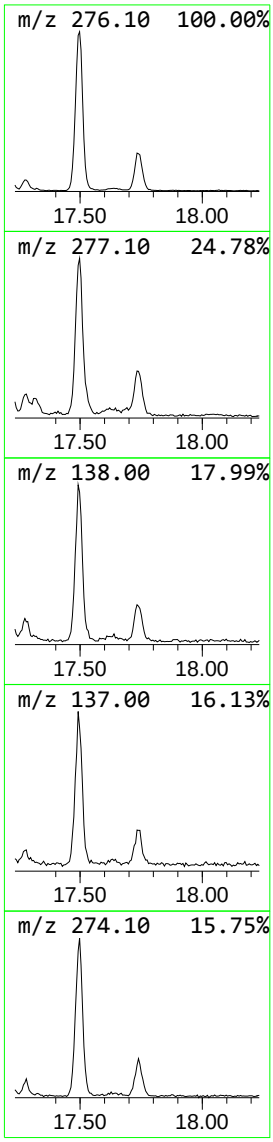
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2-Amino-3-cyano-4,5-dipheny... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.733	4.00 ng	238250	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	64
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	64
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	64
4	2-Amino-3-cyano-4,5-diphenylthio...	276	C17H12N2S	042160-34-9	59
5	1,4-benzenediamine, N4,N4-dimeth...	276	C14H16N2O2S	1000401-83-2	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129507.D
Acq On : 02 Aug 2022 14:42
Operator : CG\JU
Sample : N3995-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.116	2.5	ng	136770	1	6.875	1073830	20.0
Tridecane, 7-he...	10.804	2.4	ng	158861	4	11.404	1300740	20.0
9H-Fluorene, 2-...	11.010	2.2	ng	144922	4	11.404	1300740	20.0
unknown11.251	11.251	2.6	ng	170370	4	11.404	1300740	20.0
Anthracene, 1-m...	11.904	5.7	ng	370478	4	11.404	1300740	20.0
Phenanthrene, 2...	11.933	6.4	ng	417749	4	11.404	1300740	20.0
Anthracene, 2-m...	11.980	2.5	ng	161735	4	11.404	1300740	20.0
4H-Cyclopenta[d...	12.022	8.6	ng	561761	4	11.404	1300740	20.0
Eicosane	12.086	3.1	ng	204553	4	11.404	1300740	20.0
Naphthalene, 2-...	12.198	2.6	ng	169888	4	11.404	1300740	20.0
9,10-Anthracene...	12.227	2.2	ng	144396	4	11.404	1300740	20.0
Phenanthrene, 2...	12.457	3.0	ng	197972	4	11.404	1300740	20.0
Cyclopenta(def)...	12.545	2.2	ng	142456	4	11.404	1300740	20.0
Pyrene, 1-methyl-	13.063	2.7	ng	288518	5	14.051	2158390	20.0
11H-Benzo[a]flu...	13.174	2.8	ng	296782	5	14.051	2158390	20.0
11H-Benzo[b]flu...	13.245	2.1	ng	224422	5	14.051	2158390	20.0
Pyrene, 4-methyl-	13.280	2.4	ng	263517	5	14.051	2158390	20.0
Benzo[e]pyrene	15.210	2.8	ng	166201	6	15.539	1191160	20.0
Perylene	15.410	13.1	ng	782347	6	15.539	1191160	20.0
2-Amino-3-cyano...	17.733	4.0	ng	238250	6	15.539	1191160	20.0