LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124360.D
Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124360.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	490	493	499	rBV2	34983	46086	4.63%	0.424%
2	5.404	561	564	574	rBV	811349	744247	74.74%	6.843%
3	6.428	734	738	750	rBV	845482	739669	74.28%	6.801%
4	6.781	795	798	803	rVB	307702	240966	24.20%	2.216%
5	7.351	891	895	906	rBB	597957	521965	52.42%	4.799%
6	7.980	1000	1002	1013	rBV4	7409	16695	1.68%	0.154%
7	8.069	1013	1017	1020	rBV	339319	297975	29.92%	2.740%
8	9.145	1196	1200	1203	rBV	1351431	995795	100.00%	9.156%
9	9.822	1311	1315	1318	rBV	472022	369503	37.11%	3.397%
10	9.857	1318	1321	1323	rVB	18265	14669	1.47%	0.135%
11	10.369	1405	1408	1414	rVB	20523	18791	1.89%	0.173%
12	10.616	1446	1450	1453	rBV	709881	622552	62.52%	5.724%
13	10.739	1466	1471	1477	rVB6	8336	14169	1.42%	0.130%
14	11.310	1565	1568	1570	rBV	415285	352191	35.37%	3.238%
15	11.333	1570	1572	1576	rVV	272956	208666	20.95%	1.919%
16	11.386	1578	1581	1584	rVB	44357	37666	3.78%	0.346%
17	11.545	1604	1608	1613	rBV	23297	25725	2.58%	0.237%
18	11.810	1651	1653	1656	rBV	42892	37661	3.78%	0.346%
19	11.839	1656	1658	1665	rVV3	139108	148959	14.96%	1.370%
20	11.921	1669	1672	1675	rVV2	62424	69480	6.98%	0.639%
21	11.945	1675	1676	1679	rVB	26370	19843	1.99%	0.182%
22	12.110	1700	1704	1706	rBV	29435	28680	2.88%	0.264%
23	12.139	1706	1709	1714	rVB2	36962	36290	3.64%	0.334%
24	12.363	1743	1747	1750	rBV2	29012	32772	3.29%	0.301%
25	12.404	1750	1754	1756	rVV4	22336	27889	2.80%	0.256%
26	12.457	1759	1763	1766	rBV2	28355	29759	2.99%	0.274%
27	12.527	1771	1775	1778	rBV	495415	392311	39.40%	3.607%
28	12.627	1789	1792	1795	rBV4	53746	54445	5.47%	0.501%
29	12.674	1795	1800	1803	rVB2	17749	28166	2.83%	0.259%
30	12.757	1808	1814	1817	rVV	371098	367700	36.93%	3.381%
31	12.810	1819	1823	1826	rVB2	20959	23855	2.40%	0.219%
32	12.898	1827	1838	1841	rBV	1123823	943663	94.76%	8.677%
33	12.980	1846	1852	1856	rBV4	29093	53643	5.39%	0.493%
34	13.062	1863	1866	1867	rBV3	28902	25724	2.58%	0.237%
35	13.086	1867	1870	1874	rVB	51155	51526	5.17%	0.474%
36	13.127	1874	1877	1879	rBV3	13925	14737	1.48%	0.136%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124360.D
Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.151	1879	1881	1884	rVV	30827	27890	2.80%	0.256%
38	13.192	1884	1888	1895	rVB5	44307	67927	6.82%	0.625%
39	13.280	1900	1903	1906	rBV2	33766	29316	2.94%	0.270%
40	13.315	1906	1909	1911	rBV2	27042	26975	2.71%	0.248%
41	13.374	1917	1919	1922	rVB4	15465	15687	1.58%	0.144%
42	13.468	1931	1935	1937	rBV4	11137	15484	1.55%	0.142%
43	13.598	1954	1957	1962	rVB	49083	45708	4.59%	0.420%
44	13.704	1971	1975	1978	rBV	54468	62997	6.33%	0.579%
45	13.733	1978	1980	1982	rVV3	29075	25794	2.59%	0.237%
46	13.757	1982	1984	1985	rVV2	29037	20989	2.11%	0.193%
47	13.804	1989	1992	1996	rVV3	33224	39951	4.01%	0.367%
48	13.874	2002	2004	2010	rVB6	21910	23039	2.31%	0.212%
49	13.933	2010	2014	2016	rBV	474330	481273	48.33%	4.425%
50	13.957	2016	2018	2021	rVV	392238	408632	41.04%	3.757%
51	13.980	2021	2022	2026	rVB	177354	140540	14.11%	1.292%
52	14.062	2031	2036	2039	rBV5	34944	45009	4.52%	0.414%
53	14.109	2042	2044	2049	rBV6	21939	31745	3.19%	0.292%
54	14.192	2056	2058	2060	rVB	19949	15711	1.58%	0.144%
55	14.221	2060	2063	2065	rVB4	15875	17026	1.71%	0.157%
56	14.245	2065	2067	2070	rVB4	16665	13215	1.33%	0.122%
57	14.280	2070	2073	2075	rBV4	14407	17670	1.77%	0.162%
58	14.309	2075	2078	2080	rBV3	25160	24091	2.42%	0.222%
59	14.345	2080	2084	2087	rVV2	41294	48965	4.92%	0.450%
60	14.374	2087	2089	2091	rVV3	19520	21237	2.13%	0.195%
61	14.421	2094	2097	2099	rVV4	38100	44852	4.50%	0.412%
62	14.468	2102	2105	2107	rVV3	40230	46297	4.65%	0.426%
63	14.492	2107	2109	2111	rVV3	34140	32088	3.22%	0.295%
64	14.545	2115	2118	2121	rVB4	25627	30334	3.05%	0.279%
65	14.633	2131	2133	2135	rBV3	12822	13921	1.40%	0.128%
66	14.662	2136	2138	2142	rVV5	19927	26609	2.67%	0.245%
67	14.721	2146	2148	2151	rBV4	20998	23817	2.39%	0.219%
68	14.839	2165	2168	2170	rBV3	24911	26482	2.66%	0.243%
69	14.868	2171	2173	2176	rVB3	32764	23311	2.34%	0.214%
70	14.998	2191	2195	2198	rBV	172546	253304	25.44%	2.329%
71	15.056	2202	2205	2210	rVB5	44009	59489	5.97%	0.547%
72	15.104	2210	2213	2216	rBV2	29890	34088	3.42%	0.313%
73	15.292	2242	2245	2252	rVB	101079	118650	11.92%	1.091%
74	15.356	2252	2256	2260	rBV	123454	146324	14.69%	1.345%
75	15.415	2262	2266	2270	rBV	204911	256820	25.79%	2.361%
76	15.727	2317	2319	2325	rVB7	12596	18258	1.83%	0.168%

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Data File : BF124360.D
Acq On : 17 Jun 2021 13:36
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Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.851	2337	2340	2344	rVB3	36847	51901	5.21%	0.477%
78	15.968	2358	2360	2365	rBV6	15467	27154	2.73%	0.250%
79	16.351	2422	2425	2429	rVB6	15029	20786	2.09%	0.191%
80	16.509	2447	2452	2454	rBV6	15005	19910	2.00%	0.183%
81	16.627	2469	2472	2475	rBV4	13597	17344	1.74%	0.159%
82	16.862	2508	2512	2520	rBV4	46122	113589	11.41%	1.044%
83	17.162	2560	2563	2570	rVB8	24116	54967	5.52%	0.505%
84	17.303	2583	2587	2594	rBV2	33010	66049	6.63%	0.607%
85	18.415	2770	2776	2779	rBV8	12942	28131	2.82%	0.259%

Sum of corrected areas: 10875779

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124360.D
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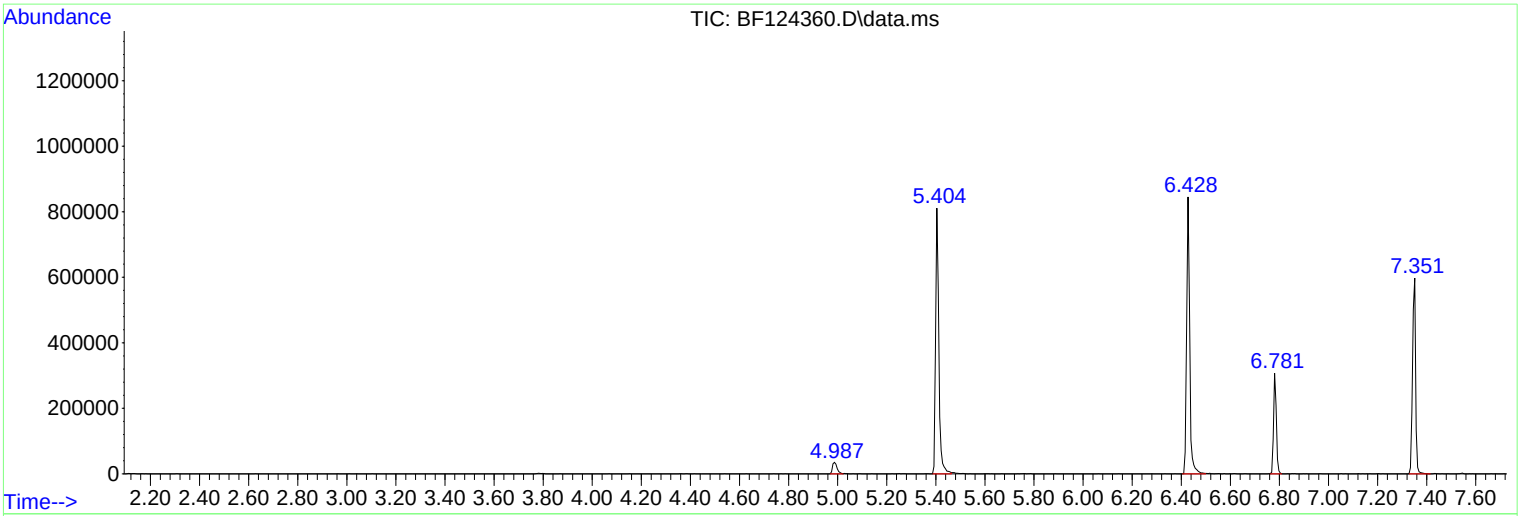
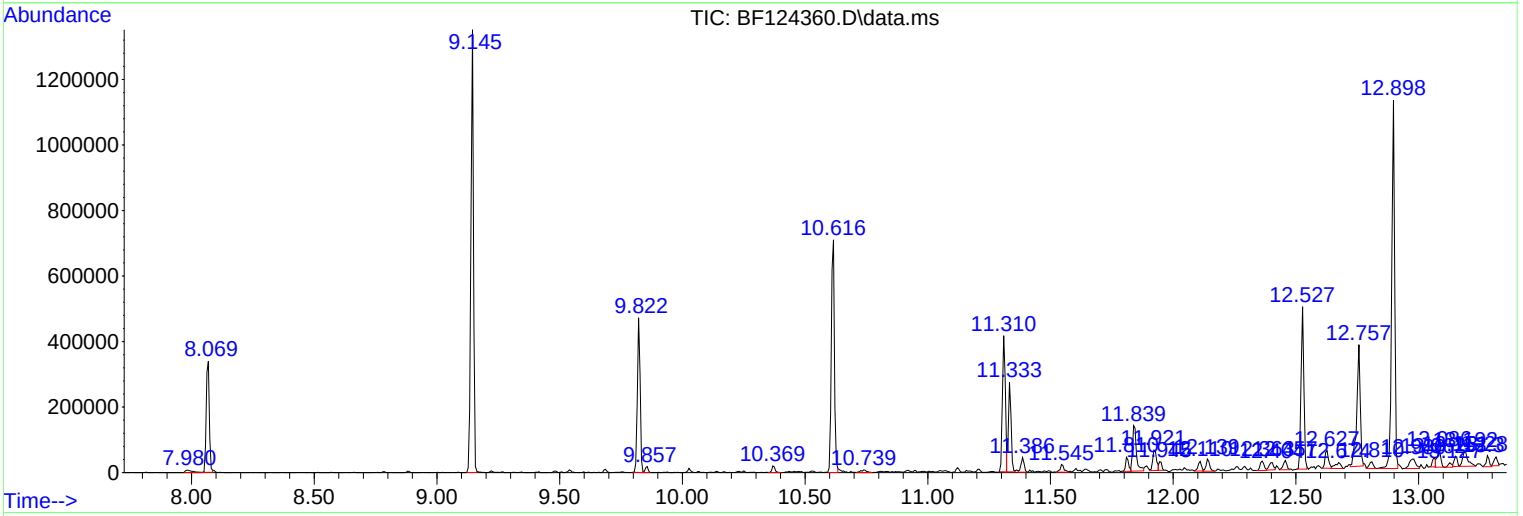
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

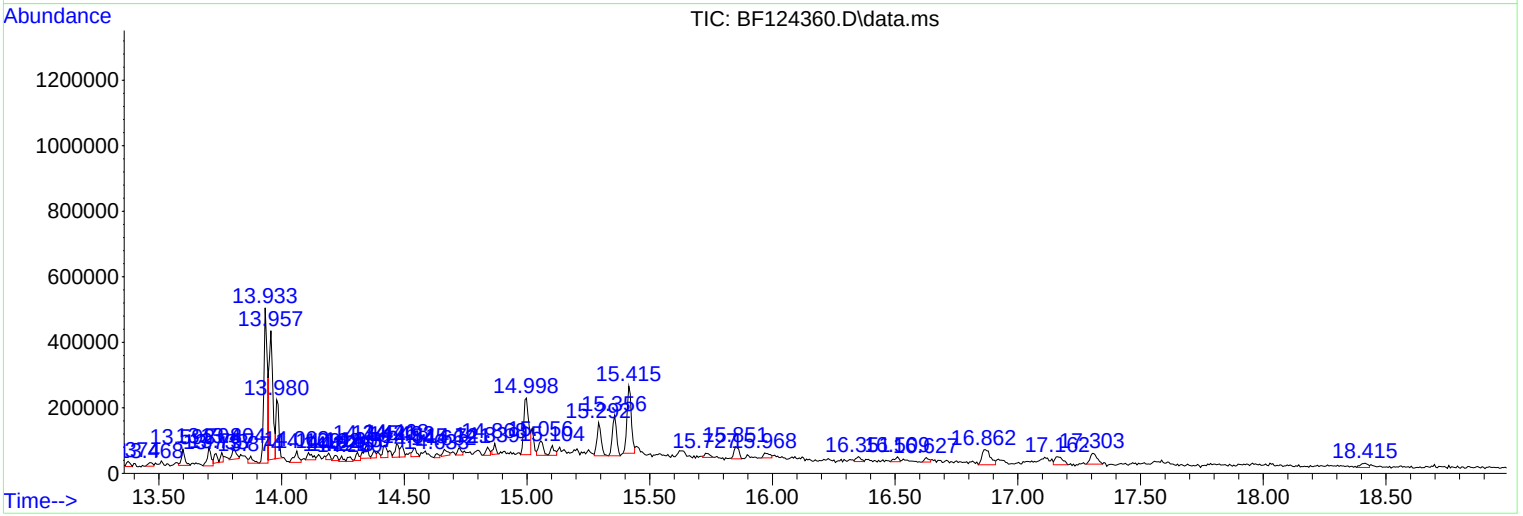
Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124360.D
Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

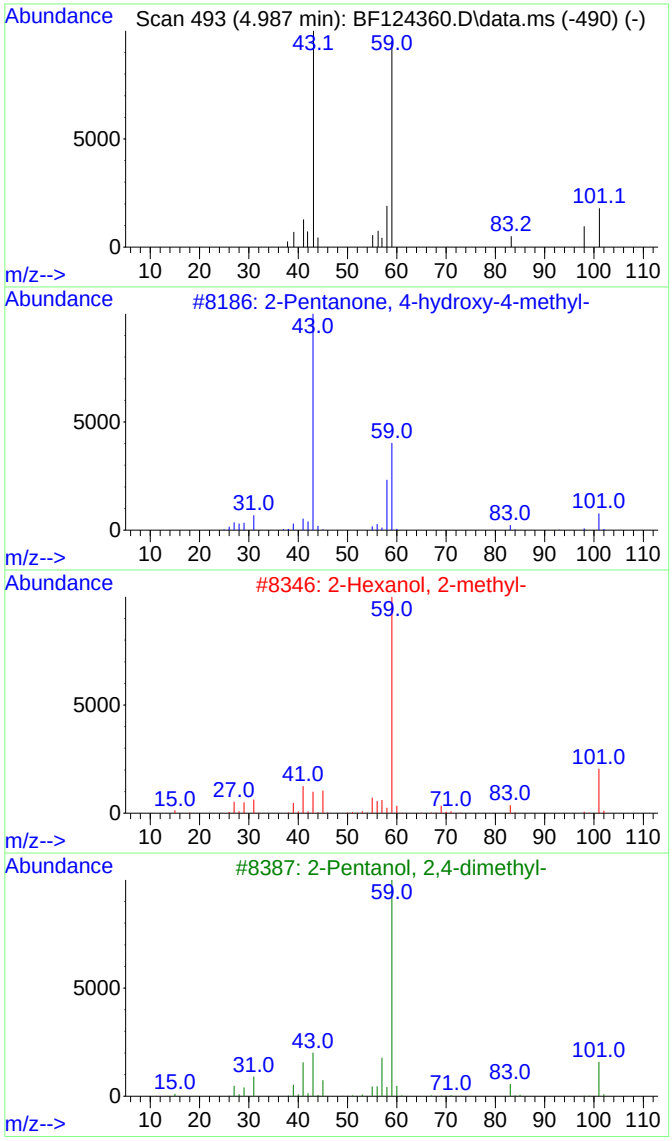
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

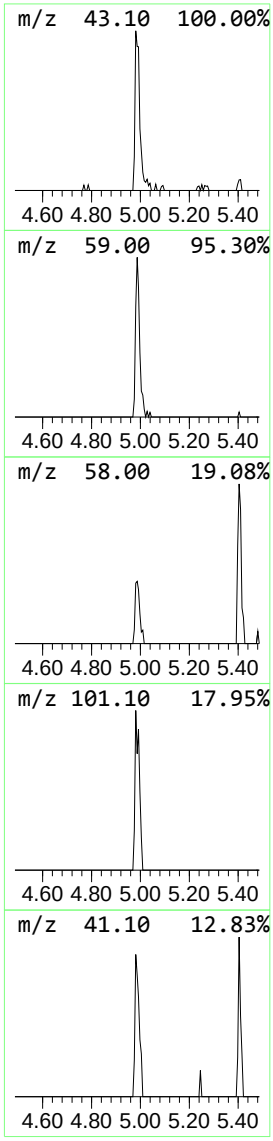
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.987	3.83 ng	46086	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	42
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	36
4	2-Nonanone	142	C9H18O	000821-55-6	10
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124360.D
Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

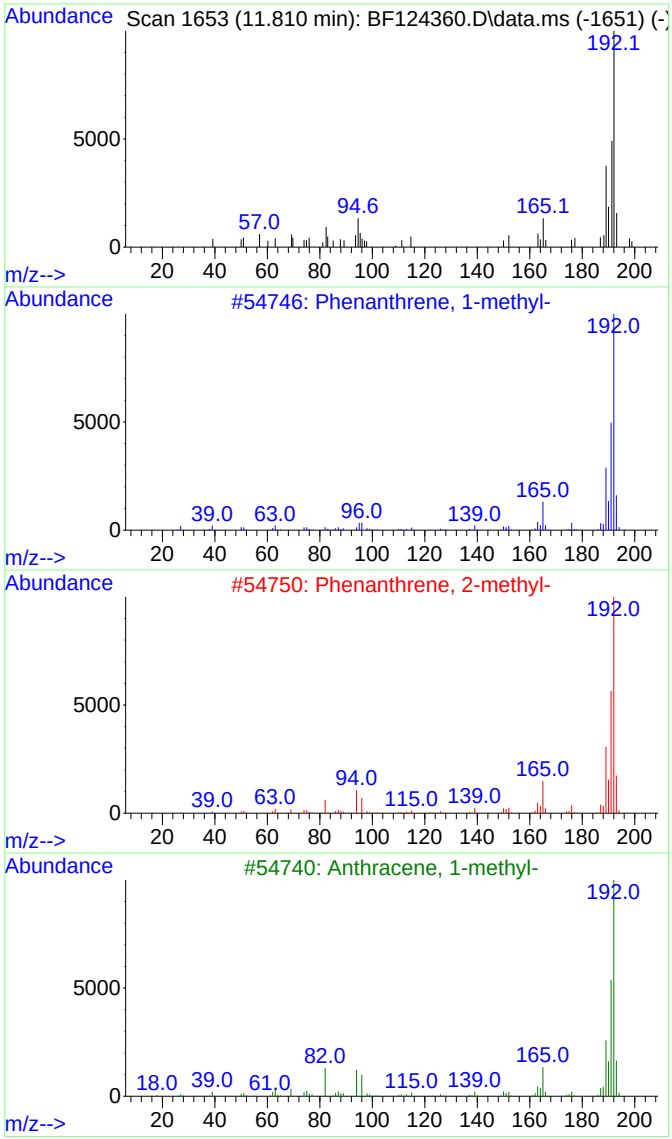
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

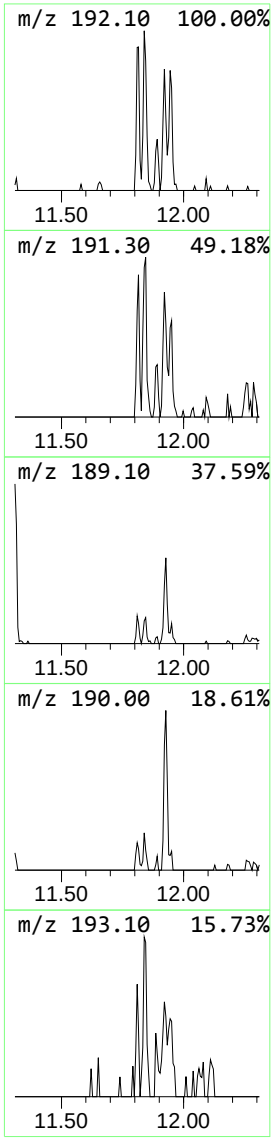
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	2.14 ng	37661	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124360.D
Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

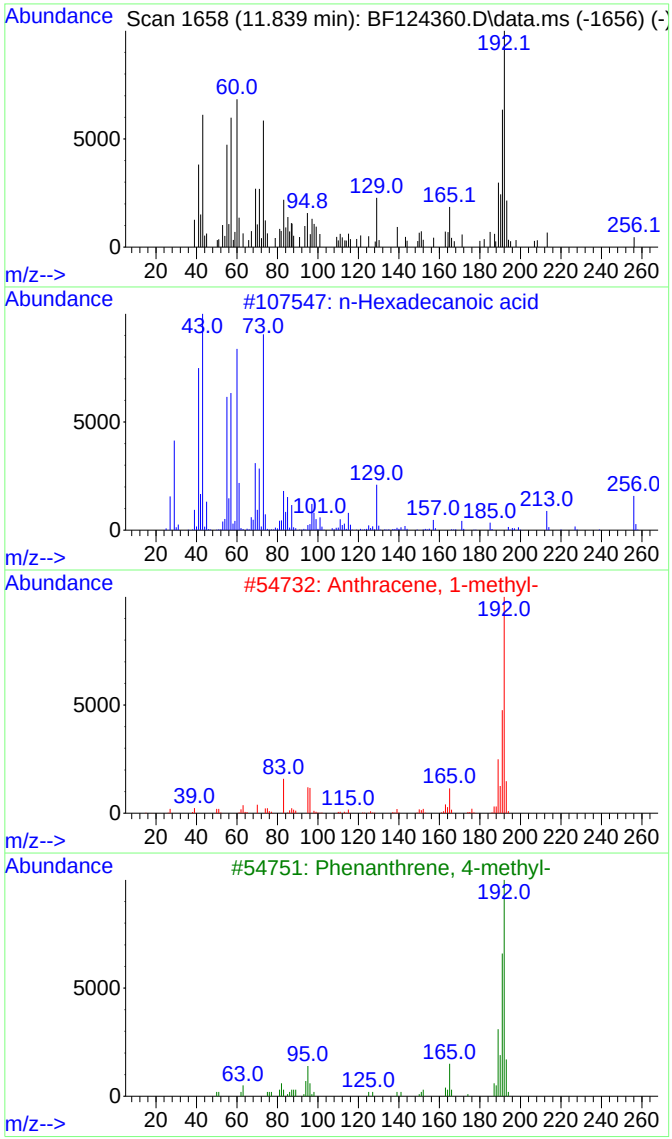
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

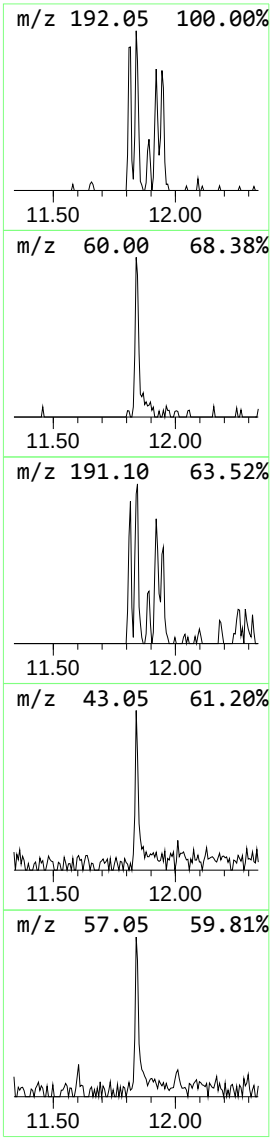
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	8.46 ng	148959	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	56
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124360.D
Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

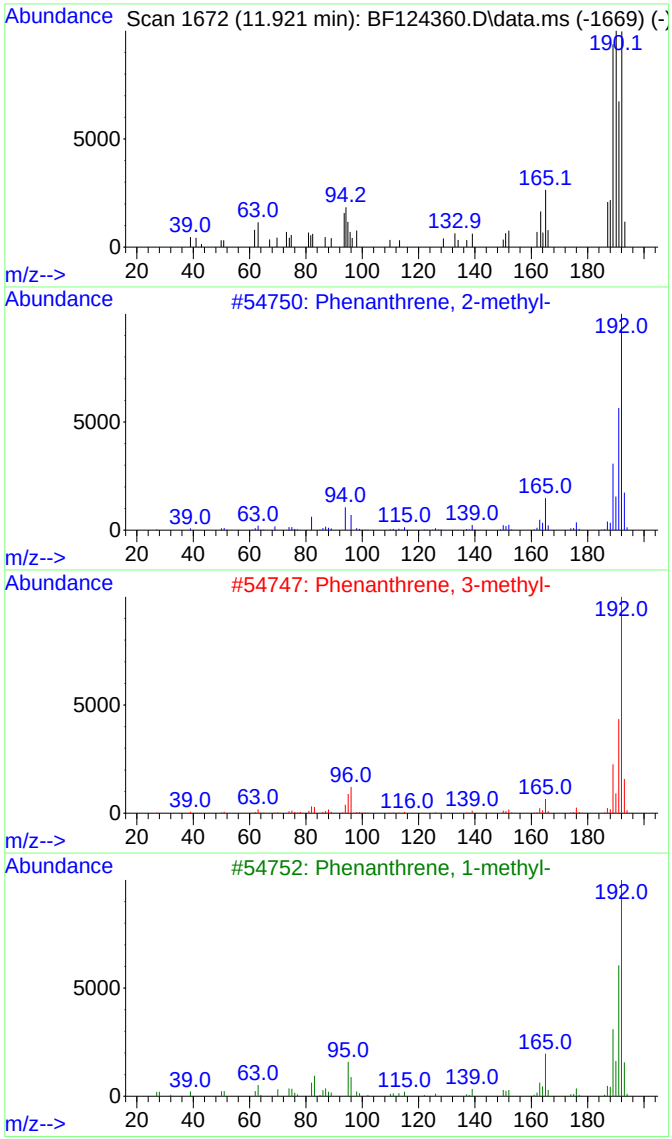
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

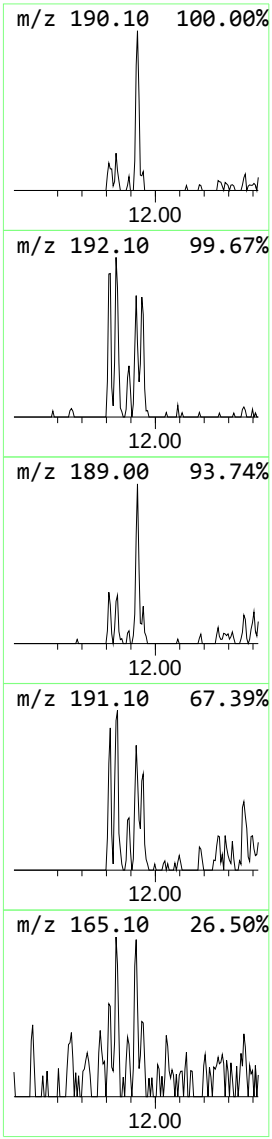
****

Peak Number 4 unknown11.921 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	3.95 ng	69480	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	43
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	41
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124360.D
Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

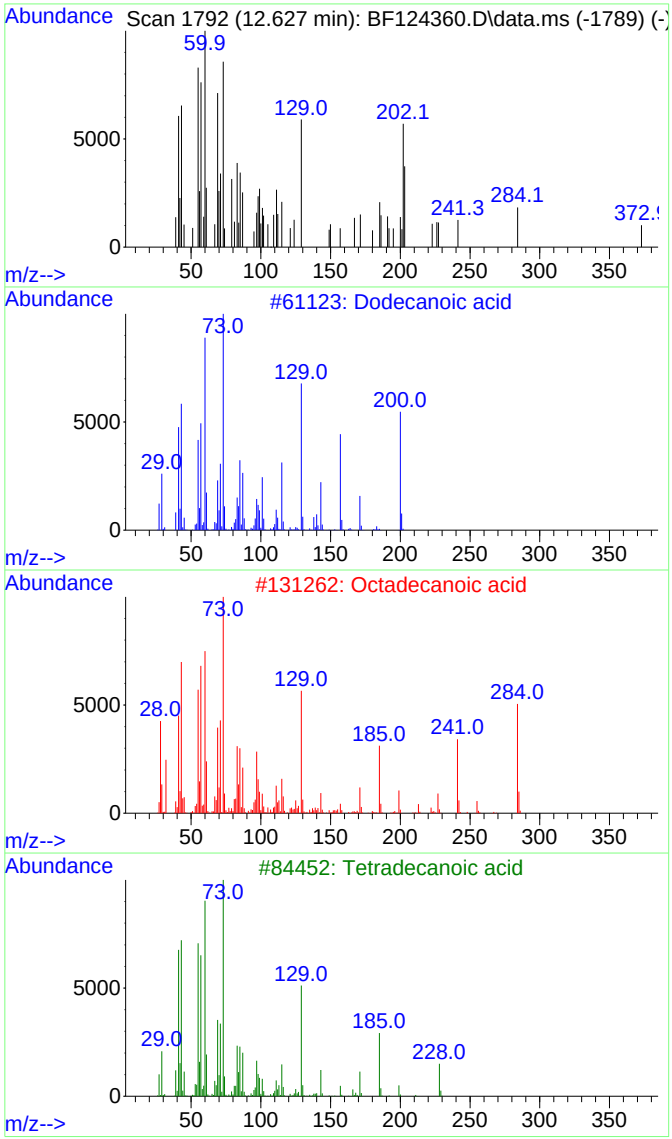
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

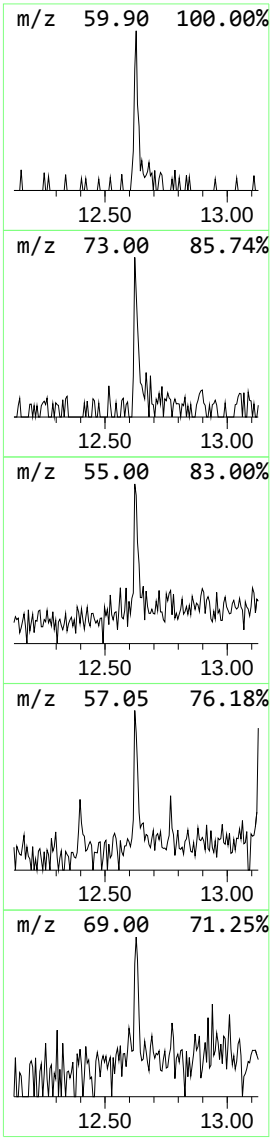
****

Peak Number 5 Dodecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	3.09 ng	54445	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	66
2	Octadecanoic acid	284	C18H36O2	000057-11-4	55
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
4	n-Decanoic acid	172	C10H20O2	000334-48-5	35
5	Pyrrole-2-carboxylic acid, 4-(1-...	339	C19H30ClNO2	1000295-53-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124360.D
Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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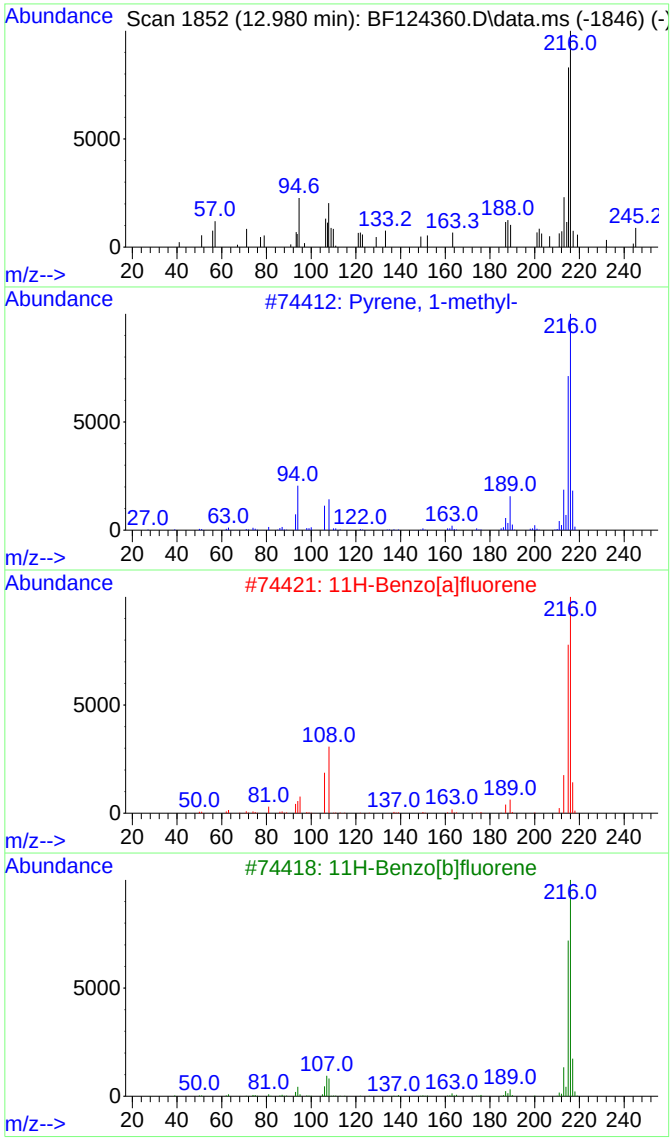
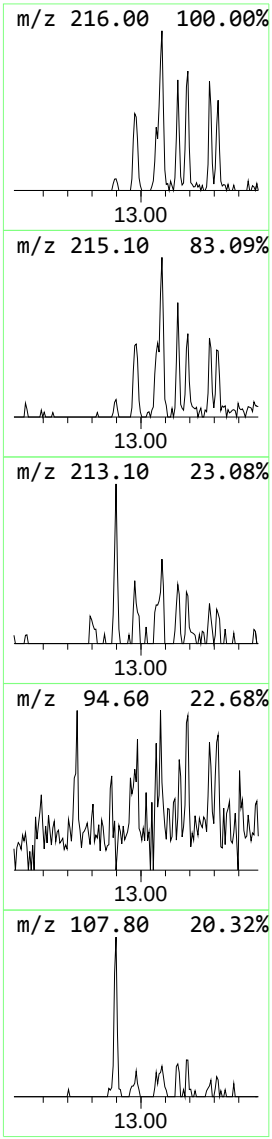
Peak Number 6 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	2.63 ng	53643	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	59
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	59





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Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

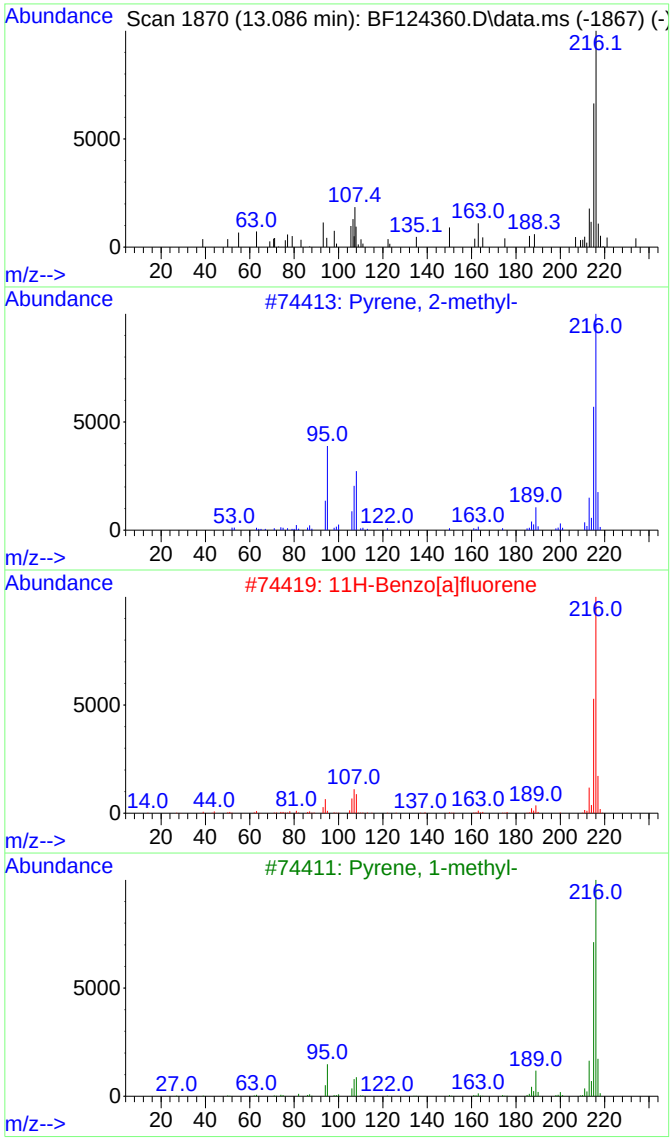
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

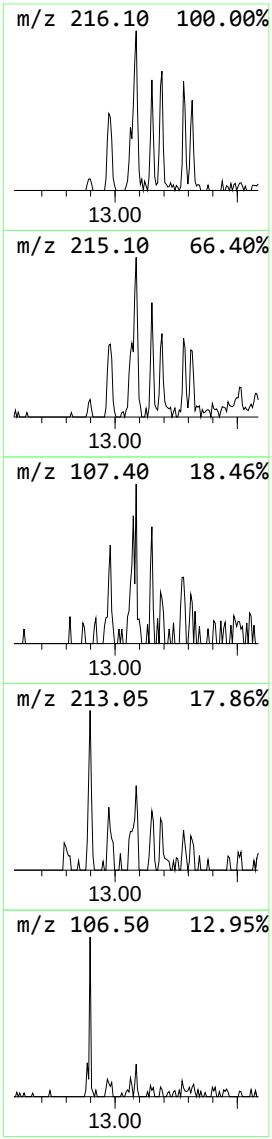
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	2.52 ng	51526	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	59
4	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	53
5	2-Propenoic acid, 3-[3-(trifluor...	216	C10H7F3O2	067801-07-4	53





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Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

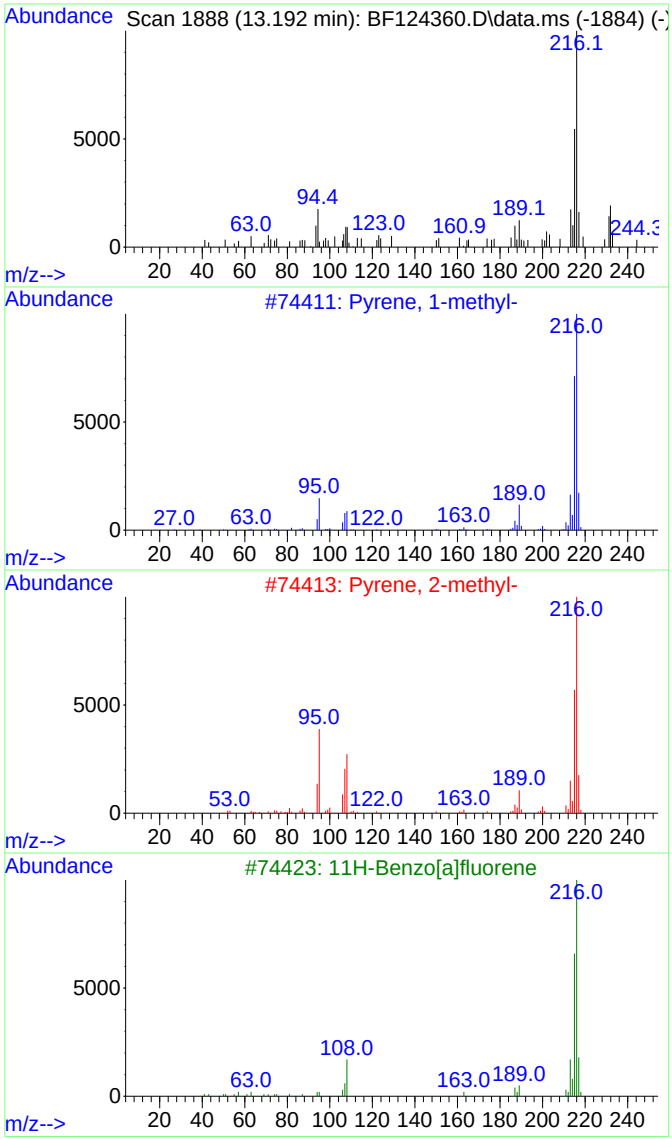
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

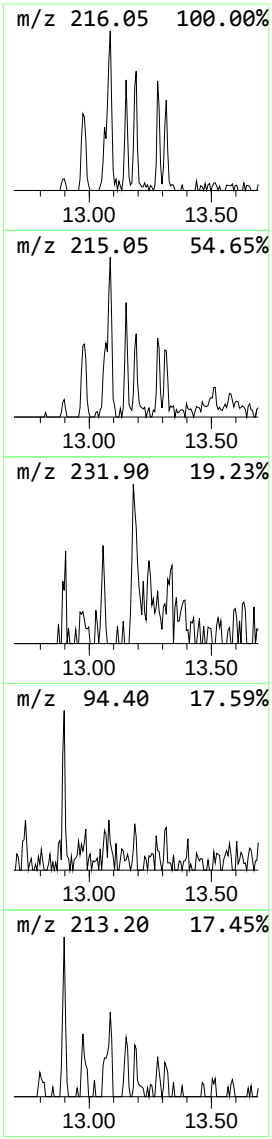
****

Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	3.32 ng	67927	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	52





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Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

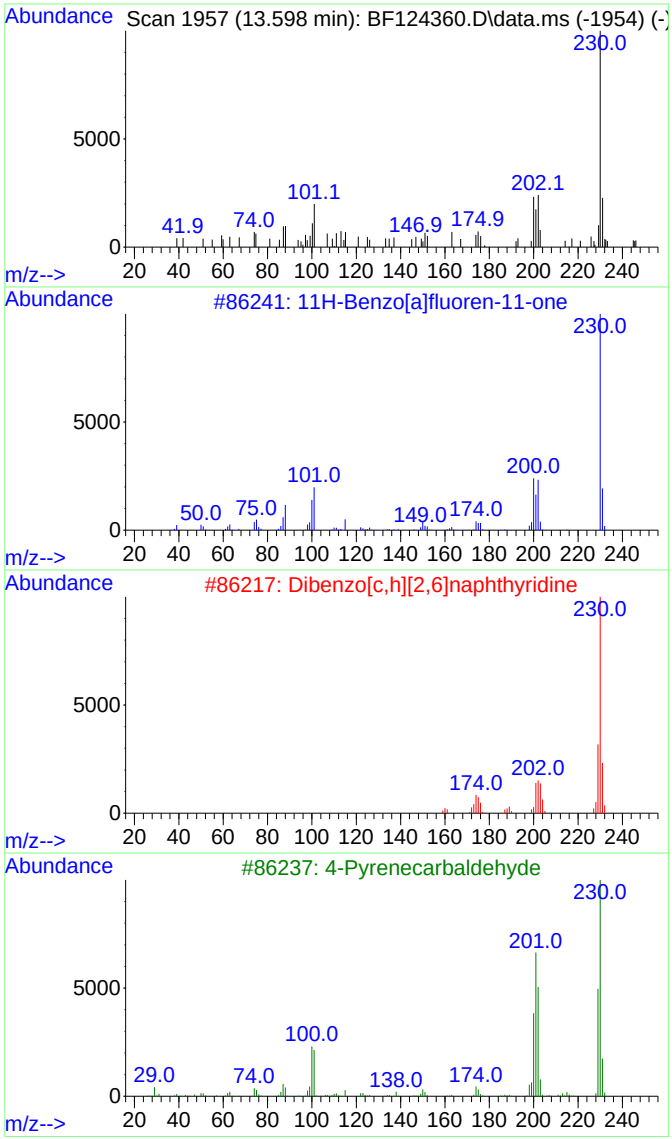
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

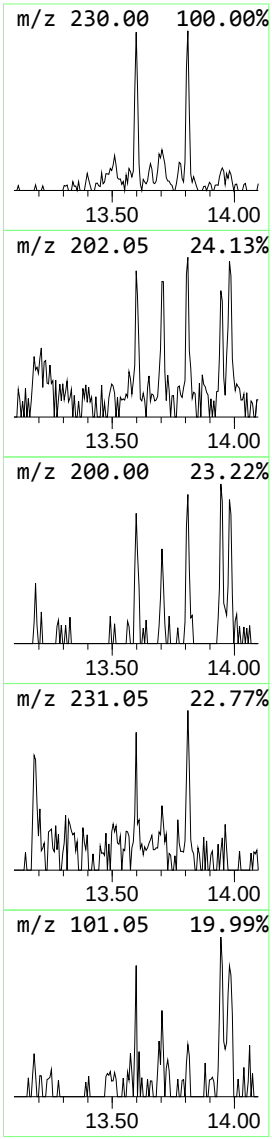
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.598	2.24 ng	45708	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	74
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64





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Data File : BF124360.D
Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

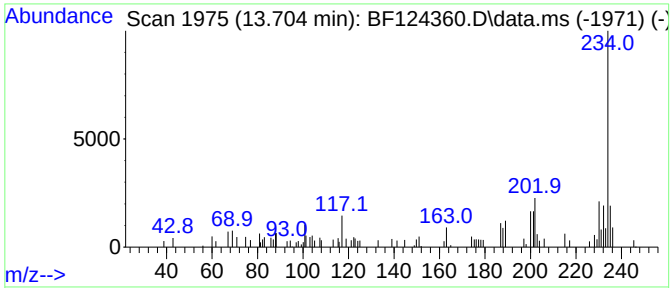
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

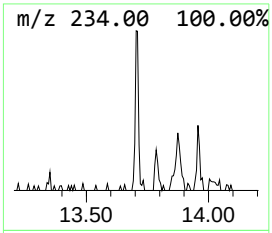
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

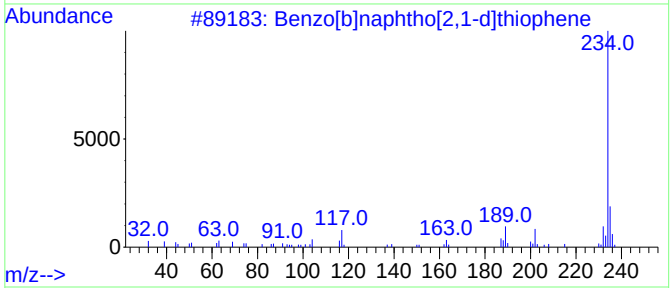
****
Peak Number 10 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 9

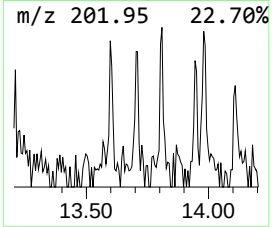
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	3.08 ng	62997	Chrysene-d12	13.957

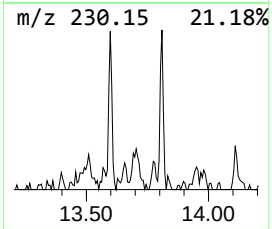
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
2	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	60
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	59
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	53
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	53

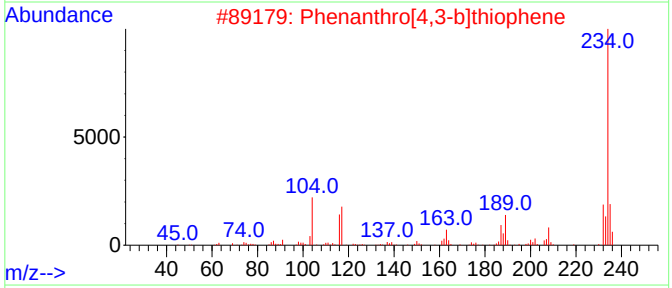


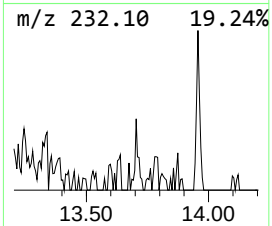


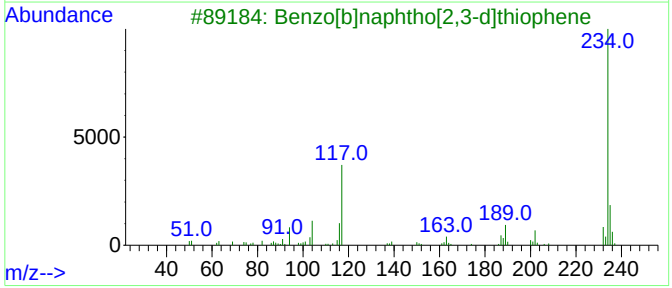


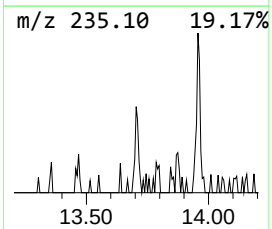












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Data File : BF124360.D
Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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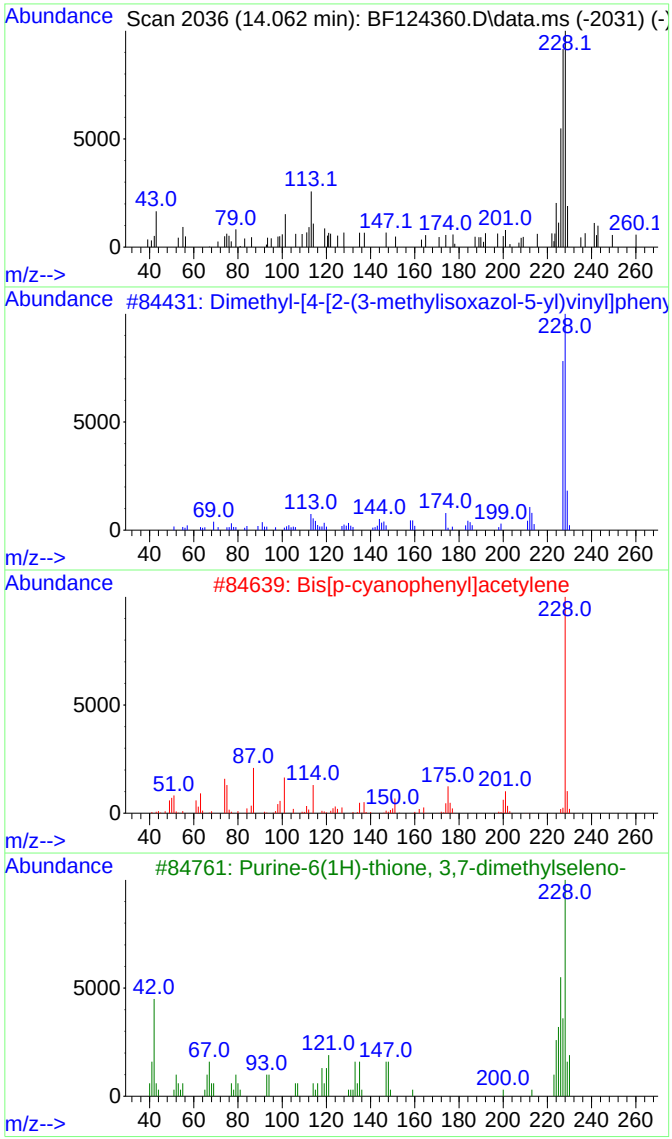
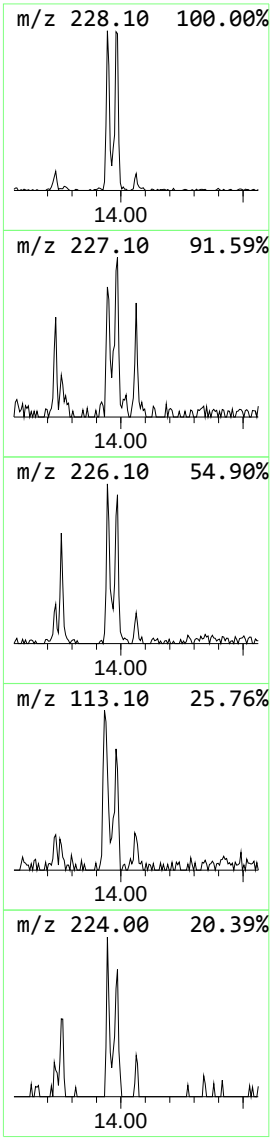
Peak Number 11 unknown14.062 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.062	2.20 ng	45009	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	49
2	Bis[p-cyanophenyl]acetylene	228	C16H8N2	005216-36-4	47
3	Purine-6(1H)-thione, 3,7-dimethy...	228	C7H8N4Se	023663-58-3	46
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	38





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Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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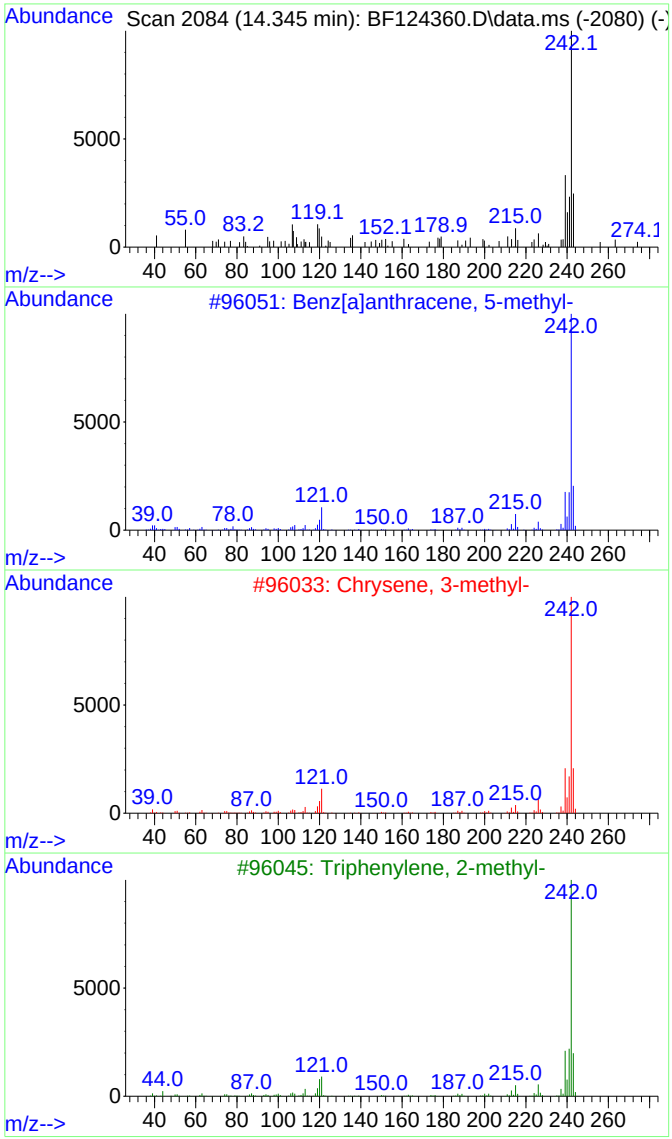
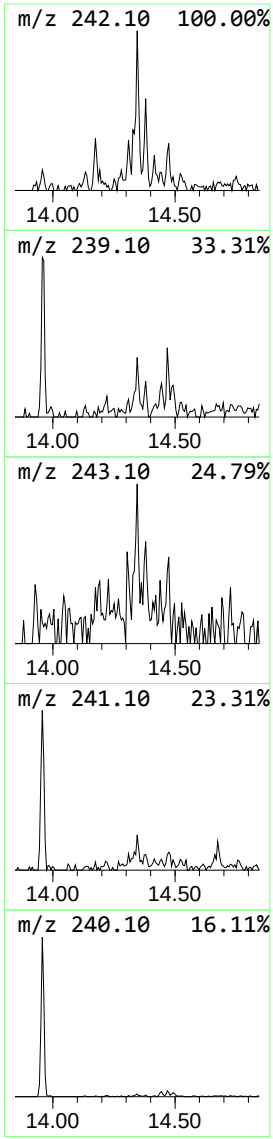
Peak Number 12 Benz[a]anthracene, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	2.40 ng	48965	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 5-methyl-	242	C19H14	002319-96-2	76
2	Chrysene, 3-methyl-	242	C19H14	003351-31-3	76
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	76
4	Benz[a]anthracene, 6-methyl-	242	C19H14	000316-14-3	76
5	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	74





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Acq On : 17 Jun 2021 13:36
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Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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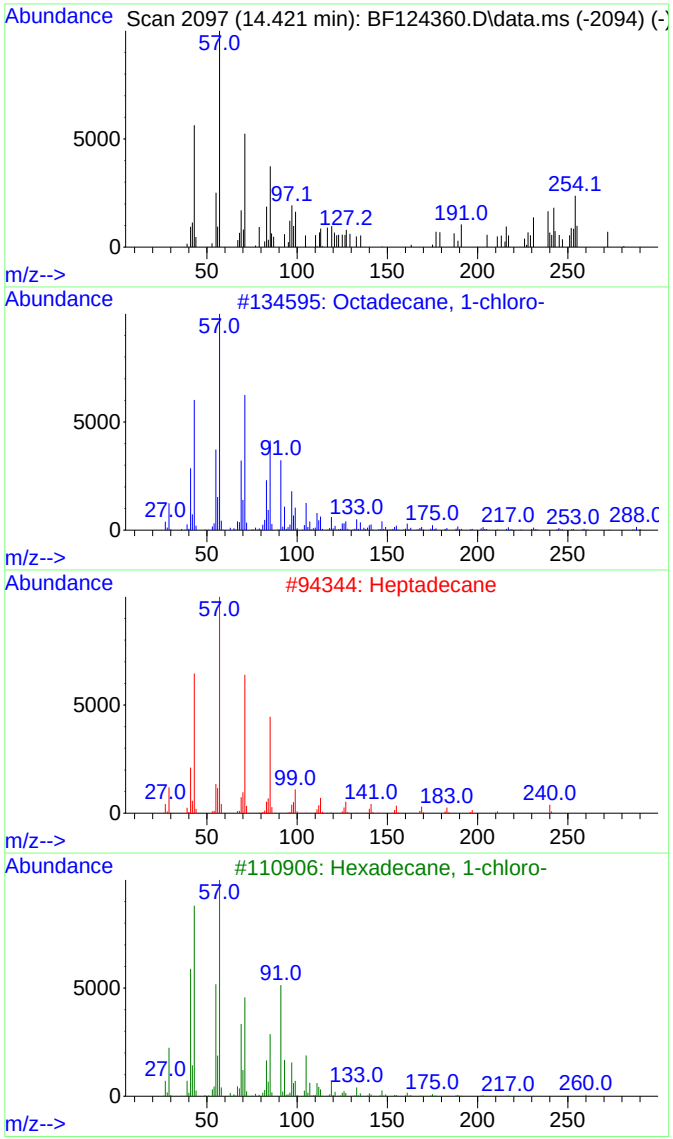
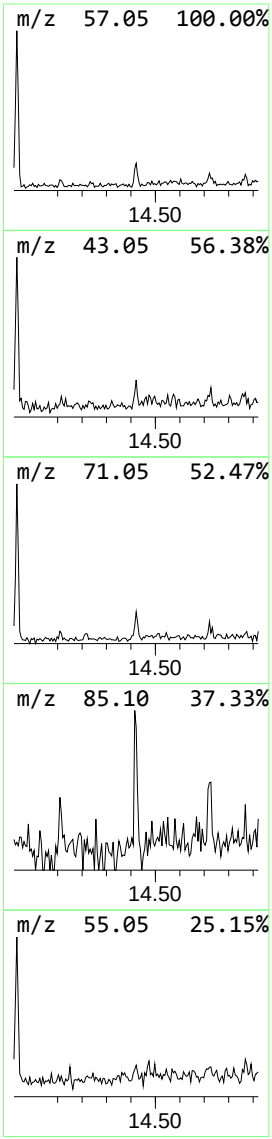
Peak Number 13 unknown14.421 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.421	2.20 ng	44852	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	46
2	Heptadecane	240	C17H36	000629-78-7	46
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	43
4	Octadecane	254	C18H38	000593-45-3	38
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	35





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Sample : M2707-02
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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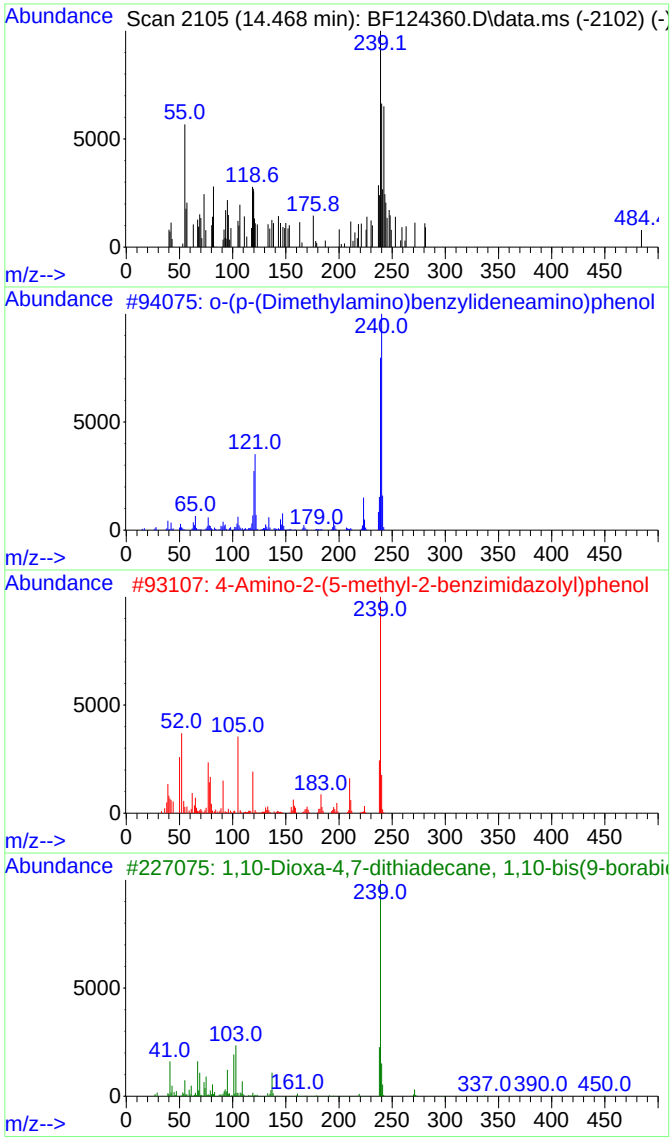
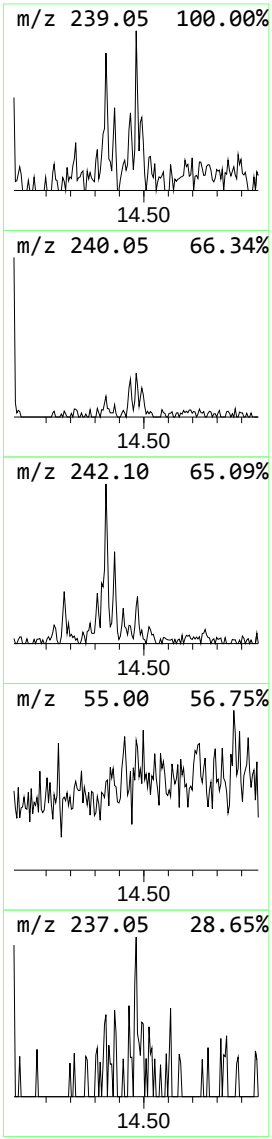
Peak Number 14 unknown14.468 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.468	2.27 ng	46297	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-(p-(Dimethylamino)benzylidenea...	240	C15H16N2O	023837-35-6	32
2	4-Amino-2-(5-methyl-2-benzimidaz...	239	C14H13N3O	1000258-88-5	22
3	1,10-Dioxa-4,7-dithiadecane, 1,1...	450	C24H44B2O2S2	1000162-30-8	22
4	5-Bromobenzo(b)thiophene-2-carba...	240	C9H5BrOS	007312-18-7	16
5	1,3-Bis(trimethylsiloxy)benzene	254	C12H22O2Si2	004520-29-0	12





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Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

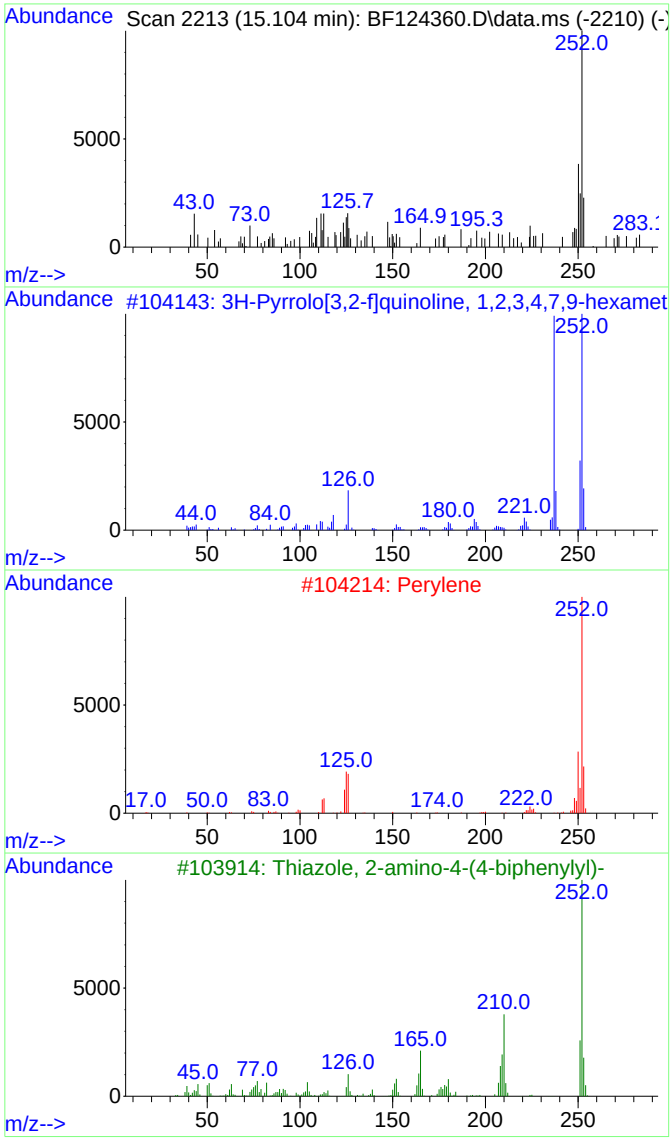
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

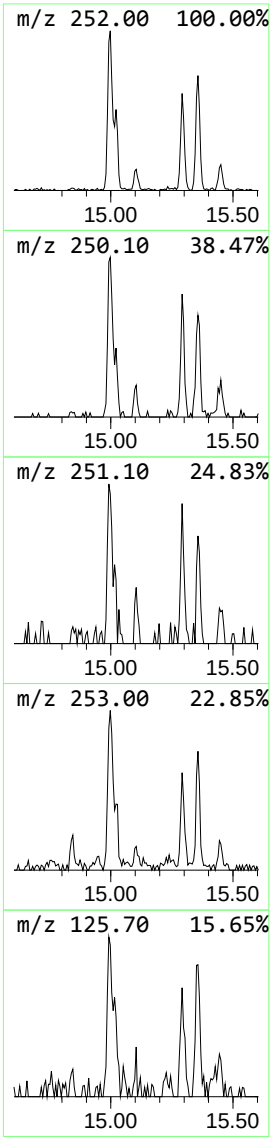
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 3H-Pyrrolo[3,2-f]quinoline,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	2.65 ng	34088	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Pyrrolo[3,2-f]quinoline, 1,2,...	252	C17H20N2	1000338-03-5	52
2	Perylene	252	C20H12	000198-55-0	50
3	Thiazole, 2-amino-4-(4-biphenylyl)-	252	C15H12N2S	002834-79-9	50
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	49
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	49





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Sample : M2707-02
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ClientSampleId : VNJ-216

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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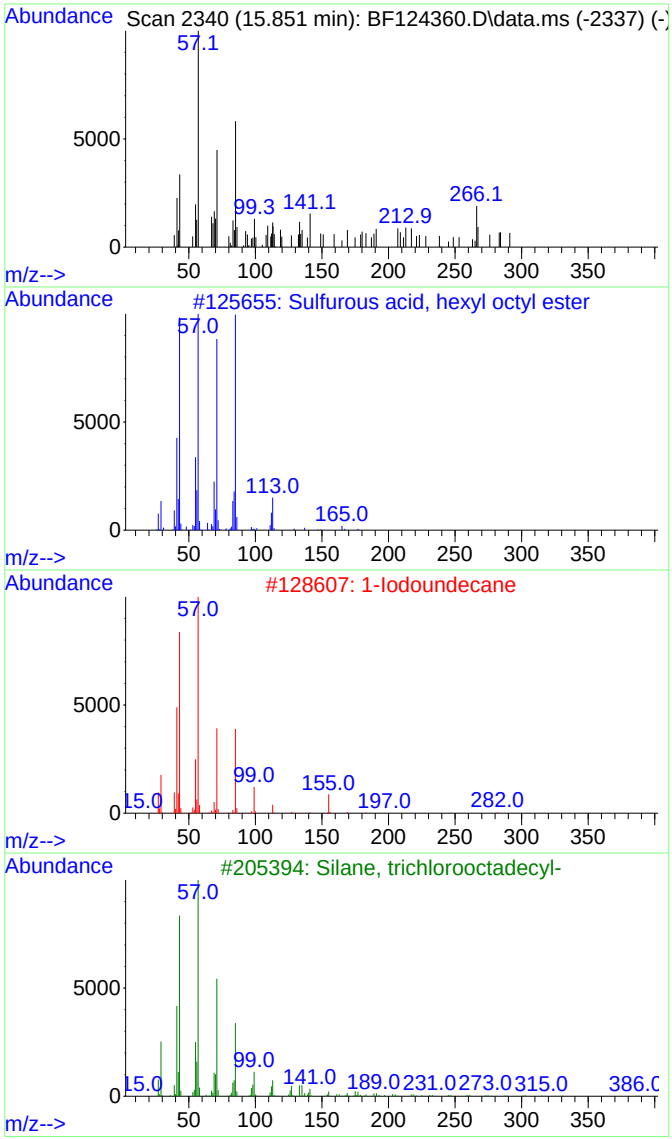
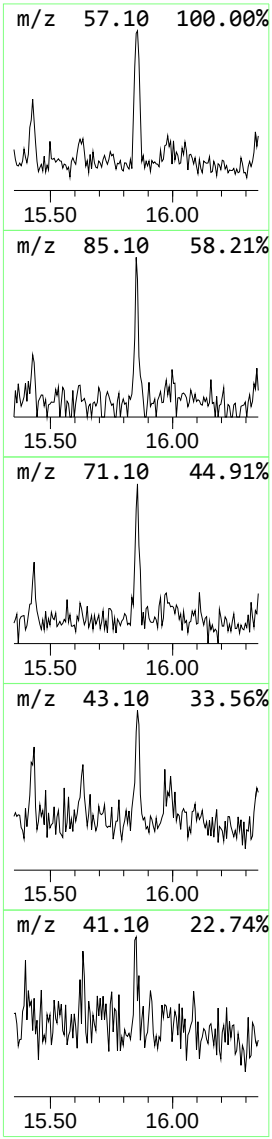
Peak Number 17 unknown15.851 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.851	4.04 ng	51901	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	43
2	1-Iodoundecane	282	C11H23I	004282-44-4	43
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	38
4	Heptadecane	240	C17H36	000629-78-7	35
5	Hexadecane	226	C16H34	000544-76-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124360.D
Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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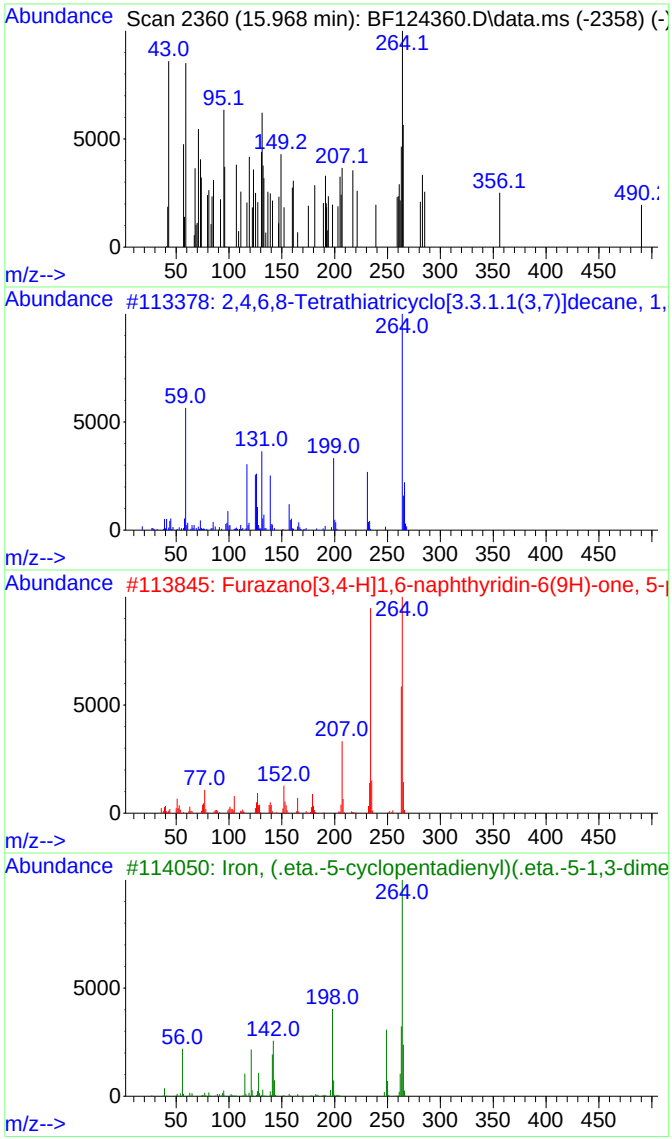
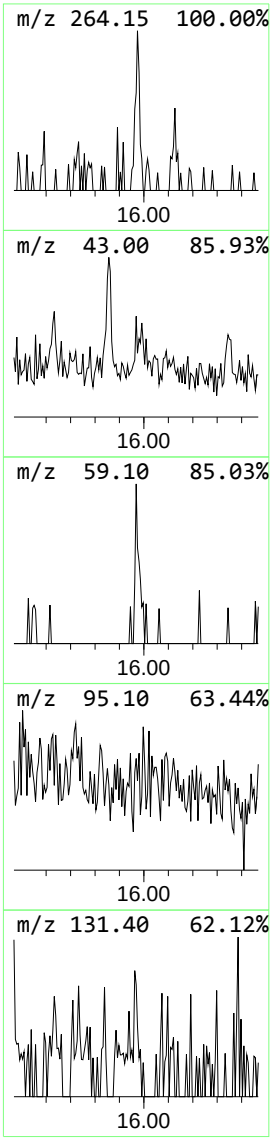
Peak Number 18 unknown15.968 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.968	2.11 ng	27154	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6,8-Tetrathiatricyclo[3.3.1....	264	C10H16S4	007000-79-5	22
2	Furazano[3,4-H]1,6-naphthyridin-...	264	C14H8N4O2	296245-19-7	14
3	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	12
4	4a,8a-(Methanothiomethano)naphth...	192	C12H16S	017853-52-0	11
5	6-Carbomethoxy-5,8-dimethoxy-1-t...	264	C14H16O5	132950-66-4	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124360.D
Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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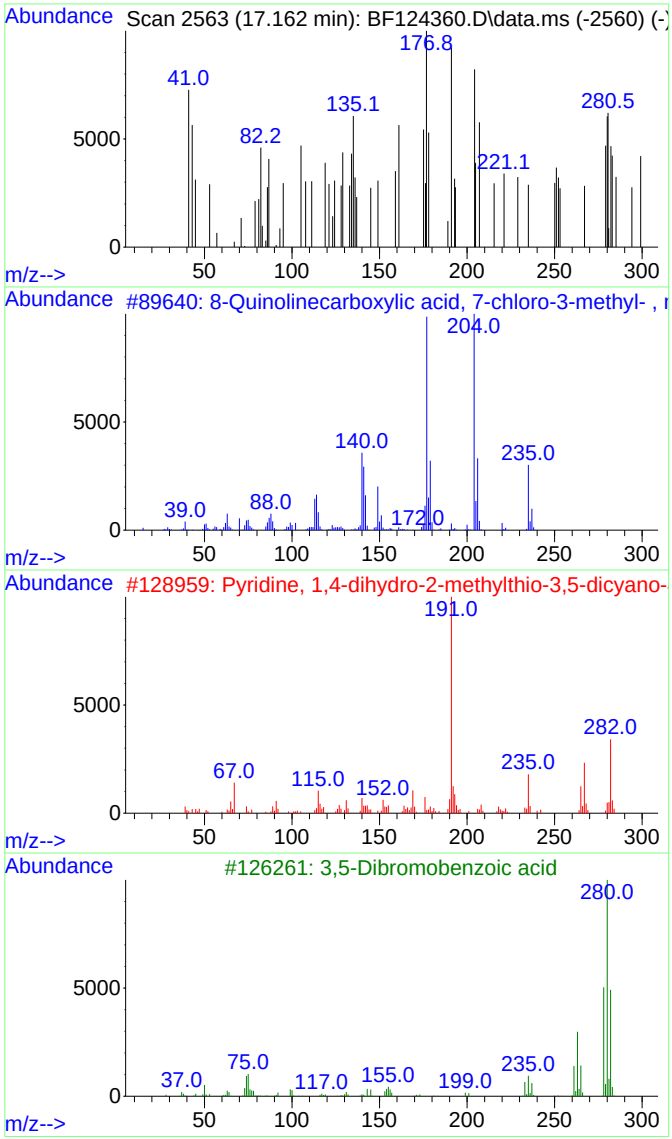
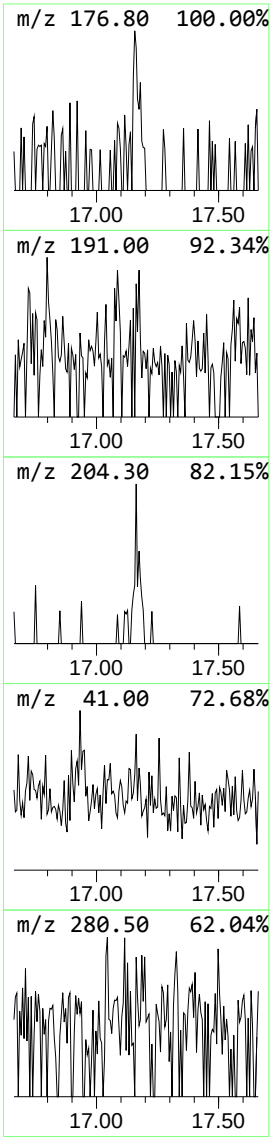
Peak Number 19 unknown17.162 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.162	4.28 ng	54967	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Quinolinecarboxylic acid, 7-ch...	235	C12H10ClNO2	1000372-97-7	10
2	Pyridine, 1,4-dihydro-2-methylth...	282	C15H14N4S	202405-67-2	10
3	3,5-Dibromobenzoic acid	278	C7H4Br2O2	000618-58-6	9
4	(4-Methylbenzyl)(4-morpholin-4-y...	282	C18H22N2O	1000304-47-5	9
5	9,10-Dihydrophenanthren-2-butyri...	280	C19H20O2	035639-15-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124360.D
Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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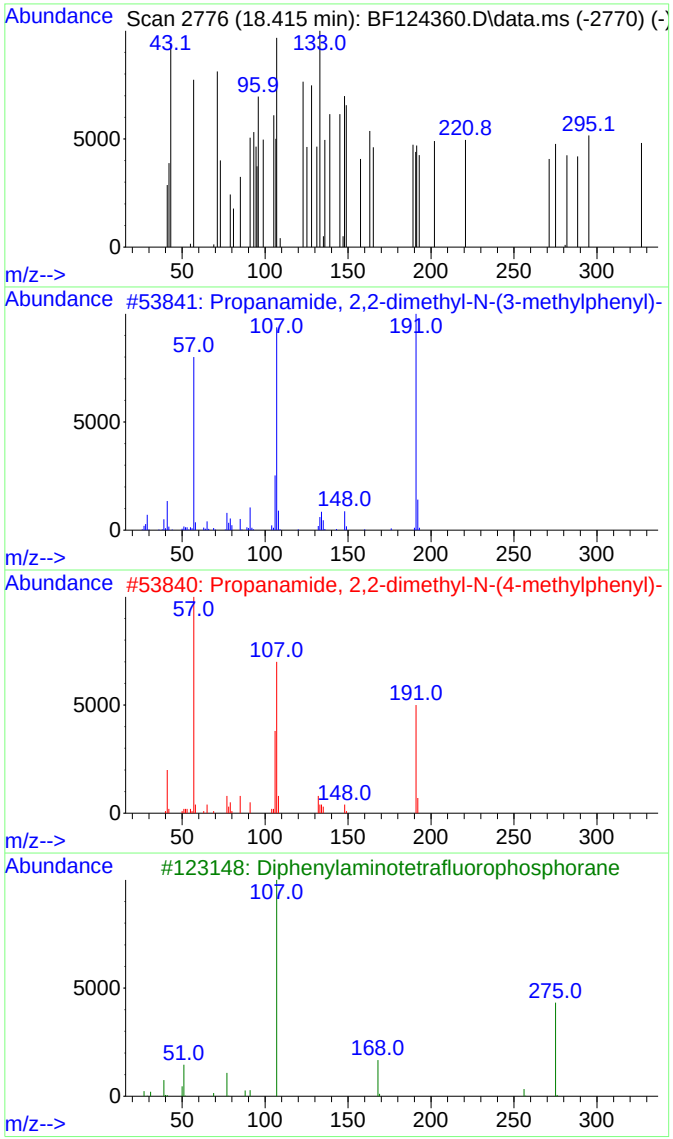
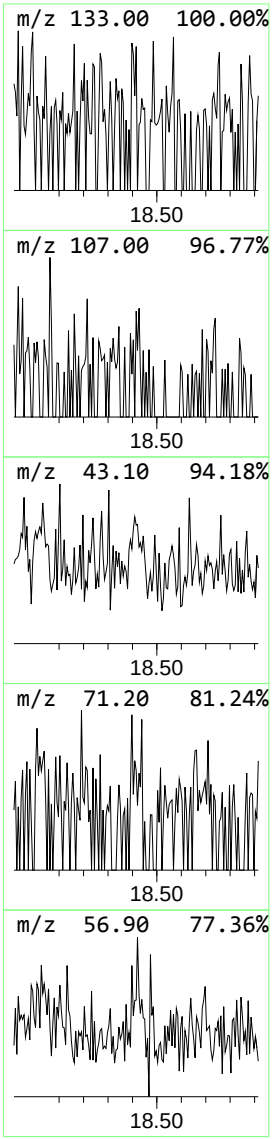
Peak Number 20 unknown18.415 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.415	2.19 ng	28131	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanamide, 2,2-dimethyl-N-(3-m...	191	C12H17NO	032597-29-8	10
2	Propanamide, 2,2-dimethyl-N-(4-m...	191	C12H17NO	021354-40-5	10
3	Diphenylaminotetrafluorophosphorane	275	C12H10F4NP	1000306-13-9	9
4	Acetamide, N-acetyl-N-(phenylmet...	191	C11H13NO2	003027-02-9	9
5	Pivalamide, N-methyl-N-phenyl-	191	C12H17NO	1000345-72-6	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124360.D
Acq On : 17 Jun 2021 13:36
Operator : JU/CG
Sample : M2707-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.987	3.8	ng	46086	1	6.781	240966	20.0
Phenanthrene, 1...	11.810	2.1	ng	37661	4	11.310	352191	20.0
n-Hexadecanoic ...	11.839	8.5	ng	148959	4	11.310	352191	20.0
unknown11.921	11.921	4.0	ng	69480	4	11.310	352191	20.0
Dodecanoic acid	12.627	3.1	ng	54445	4	11.310	352191	20.0
Pyrene, 1-methyl-	12.980	2.6	ng	53643	5	13.957	408632	20.0
Pyrene, 2-methyl-	13.086	2.5	ng	51526	5	13.957	408632	20.0
11H-Benzo[a]flu...	13.192	3.3	ng	67927	5	13.957	408632	20.0
11H-Benzo[a]flu...	13.598	2.2	ng	45708	5	13.957	408632	20.0
Benzo[b]naphtho...	13.704	3.1	ng	62997	5	13.957	408632	20.0
unknown14.062	14.062	2.2	ng	45009	5	13.957	408632	20.0
Benz[a]anthrace...	14.345	2.4	ng	48965	5	13.957	408632	20.0
unknown14.421	14.421	2.2	ng	44852	5	13.957	408632	20.0
unknown14.468	14.468	2.3	ng	46297	5	13.957	408632	20.0
3H-Pyrrolo[3,2-...	15.104	2.6	ng	34088	6	15.415	256820	20.0
unknown15.851	15.851	4.0	ng	51901	6	15.415	256820	20.0
unknown15.968	15.968	2.1	ng	27154	6	15.415	256820	20.0
unknown17.162	17.162	4.3	ng	54967	6	15.415	256820	20.0
unknown18.415	18.415	2.2	ng	28131	6	15.415	256820	20.0