LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

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: BF124139.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	11	17	rBV	465341	581801	55.28%	5.067%
2	2.257	25	29	36	rBB	29878	35606	3.38%	0.310%
3	5.087	507	510	516	rVB2	30412	36183	3.44%	0.315%
4	5.493	575	579	583	rBV	929458	903634	85.86%	7.870%
5	6.504	746	751	754	rBV	966692	857756	81.50%	7.470%
6	6.863	809	812	816	rBB	335129	257366	24.45%	2.241%
7	7.428	903	908	911	rBV	725184	603110	57.30%	5.253%
8	8.045	1010	1013	1022	rBV	95613	93294	8.86%	0.813%
9	8.145	1025	1030	1034	rBV	375142	304583	28.94%	2.653%
10	8.957	1165	1168	1172	rBB	26312	21165	2.01%	0.184%
11	9.222	1209	1213	1216	rBV	1463561	1052466	100.00%	9.166%
12	9.492	1253	1259	1261	rBV2	12856	15405	1.46%	0.134%
13	9.557	1268	1270	1273	rBV	32173	29069	2.76%	0.253%
14	9.904	1325	1329	1332	rVV	375575	298012	28.32%	2.595%
15	9.933	1332	1334	1337	rVB	23682	15329	1.46%	0.134%
16	10.104	1358	1363	1366	rBV	22129	18542	1.76%	0.161%
17	10.445	1418	1421	1427	rVB	21412	22195	2.11%	0.193%
18	10.692	1459	1463	1466	rBV	655747	567497	53.92%	4.942%
19	10.816	1479	1484	1490	rVB3	11567	16439	1.56%	0.143%
20	11.192	1545	1548	1552	rVB2	20430	16454	1.56%	0.143%
21	11.280	1562	1563	1569	rVB	14975	14848	1.41%	0.129%
22	11.386	1578	1581	1583	rBV	317809	275135	26.14%	2.396%
23	11.410	1583	1585	1589	rVV	213564	187908	17.85%	1.637%
24	11.463	1592	1594	1597	rVB	28645	22502	2.14%	0.196%
25	11.722	1634	1638	1640	rVB4	16501	19254	1.83%	0.168%
26	11.892	1662	1667	1669	rBV	76856	76779	7.30%	0.669%
27	11.916	1669	1671	1675	rVB2	140560	128387	12.20%	1.118%
28	12.004	1682	1686	1688	rBV2	69063	69938	6.65%	0.609%
29	12.027	1688	1690	1693	rVB	51571	41684	3.96%	0.363%
30	12.122	1704	1706	1710	rVB3	19604	16855	1.60%	0.147%
31	12.186	1714	1717	1719	rVV2	35729	30969	2.94%	0.270%
32	12.210	1719	1721	1725	rVB3	43585	40857	3.88%	0.356%
33	12.363	1745	1747	1750	rVB2	20190	18586	1.77%	0.162%
34	12.422	1754	1757	1758	rBV3	16060	15813	1.50%	0.138%
35	12.439	1758	1760	1763	rVV2	50561	52919	5.03%	0.461%
36	12.474	1763	1766	1769	rVV4	28639	35546	3.38%	0.310%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

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	12.527	1772	1775	1779	rVB2	36922	40299	3.83%	0.351%
38	12.604	1785	1788	1791	rBV	375481	302954	28.79%	2.638%
39	12.669	1797	1799	1801	rBV2	30581	25501	2.42%	0.222%
40	12.698	1801	1804	1807	rVB2	130949	108936	10.35%	0.949%
41	12.798	1818	1821	1823	rBV3	103041	116394	11.06%	1.014%
42	12.833	1823	1827	1833	rVV	349915	396488	37.67%	3.453%
43	12.880	1833	1835	1839	rVB5	26439	37440	3.56%	0.326%
44	12.951	1839	1847	1848	rBV3	33171	43110	4.10%	0.375%
45	12.974	1848	1851	1858	rVB	1076868	978971	93.02%	8.526%
46	13.051	1860	1864	1868	rBV5	31898	52608	5.00%	0.458%
47	13.104	1871	1873	1876	rBV4	11608	13919	1.32%	0.121%
48	13.139	1876	1879	1880	rVV3	28645	30859	2.93%	0.269%
49	13.157	1880	1882	1886	rVB2	46076	47509	4.51%	0.414%
50	13.204	1886	1890	1892	rBV5	21830	26366	2.51%	0.230%
51	13.227	1892	1894	1897	rVB2	28498	23793	2.26%	0.207%
52	13.263	1897	1900	1903	rBV2	48483	47311	4.50%	0.412%
53	13.304	1903	1907	1909	rBV5	19160	25343	2.41%	0.221%
54	13.357	1913	1916	1919	rBV2	41686	39450	3.75%	0.344%
55	13.386	1919	1921	1924	rBV	35556	35224	3.35%	0.307%
56	13.563	1950	1951	1957	rVB6	17599	19207	1.82%	0.167%
57	13.639	1961	1964	1966	rBV4	12602	15792	1.50%	0.138%
58	13.668	1966	1969	1973	rVB	63258	61583	5.85%	0.536%
59	13.780	1983	1988	1991	rBV2	39499	61288	5.82%	0.534%
60	13.810	1991	1993	1995	rVV3	27950	24527	2.33%	0.214%
61	13.833	1995	1997	2001	rVV3	26972	37188	3.53%	0.324%
62	13.880	2001	2005	2011	rVB4	82366	118519	11.26%	1.032%
63	14.010	2023	2027	2029	rBV	357222	408389	38.80%	3.557%
64	14.033	2029	2031	2033	rVV	364665	331329	31.48%	2.886%
65	14.057	2033	2035	2038	rVB	169932	125984	11.97%	1.097%
66	14.116	2043	2045	2047	rBV3	15101	16998	1.62%	0.148%
67	14.251	2066	2068	2072	rBV4	14255	19875	1.89%	0.173%
68	14.421	2094	2097	2099	rVB	38529	33910	3.22%	0.295%
69	14.451	2100	2102	2105	rVB4	32954	31424	2.99%	0.274%
70	14.498	2107	2110	2112	rBV4	29881	36397	3.46%	0.317%
71	14.757	2152	2154	2157	rVB4	23815	21739	2.07%	0.189%
72	14.810	2161	2163	2165	rVB3	25210	17334	1.65%	0.151%
73	14.951	2185	2187	2190	rBV4	28347	29292	2.78%	0.255%
74	15.080	2205	2209	2212	rBV2	103093	149750	14.23%	1.304%
75	15.151	2219	2221	2224	rVB2	44390	40797	3.88%	0.355%
76	15.192	2225	2228	2232	rBV5	38418	52615	5.00%	0.458%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

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	15.386	2258	2261	2267	rVB3	61414	76193	7.24%	0.664%
78	15.451	2268	2272	2277	rVB	83664	98505	9.36%	0.858%
79	15.515	2279	2283	2287	rBV	170895	225823	21.46%	1.967%
80	15.980	2360	2362	2367	rVB4	46070	52628	5.00%	0.458%
81	16.539	2455	2457	2459	rBV3	16516	14898	1.42%	0.130%
82	16.786	2496	2499	2502	rBV5	25142	37496	3.56%	0.327%
83	16.998	2531	2535	2540	rVB6	30768	56392	5.36%	0.491%
84	17.439	2607	2610	2617	rVB7	34539	63418	6.03%	0.552%
85	17.568	2628	2632	2635	rVB5	10678	16452	1.56%	0.143%

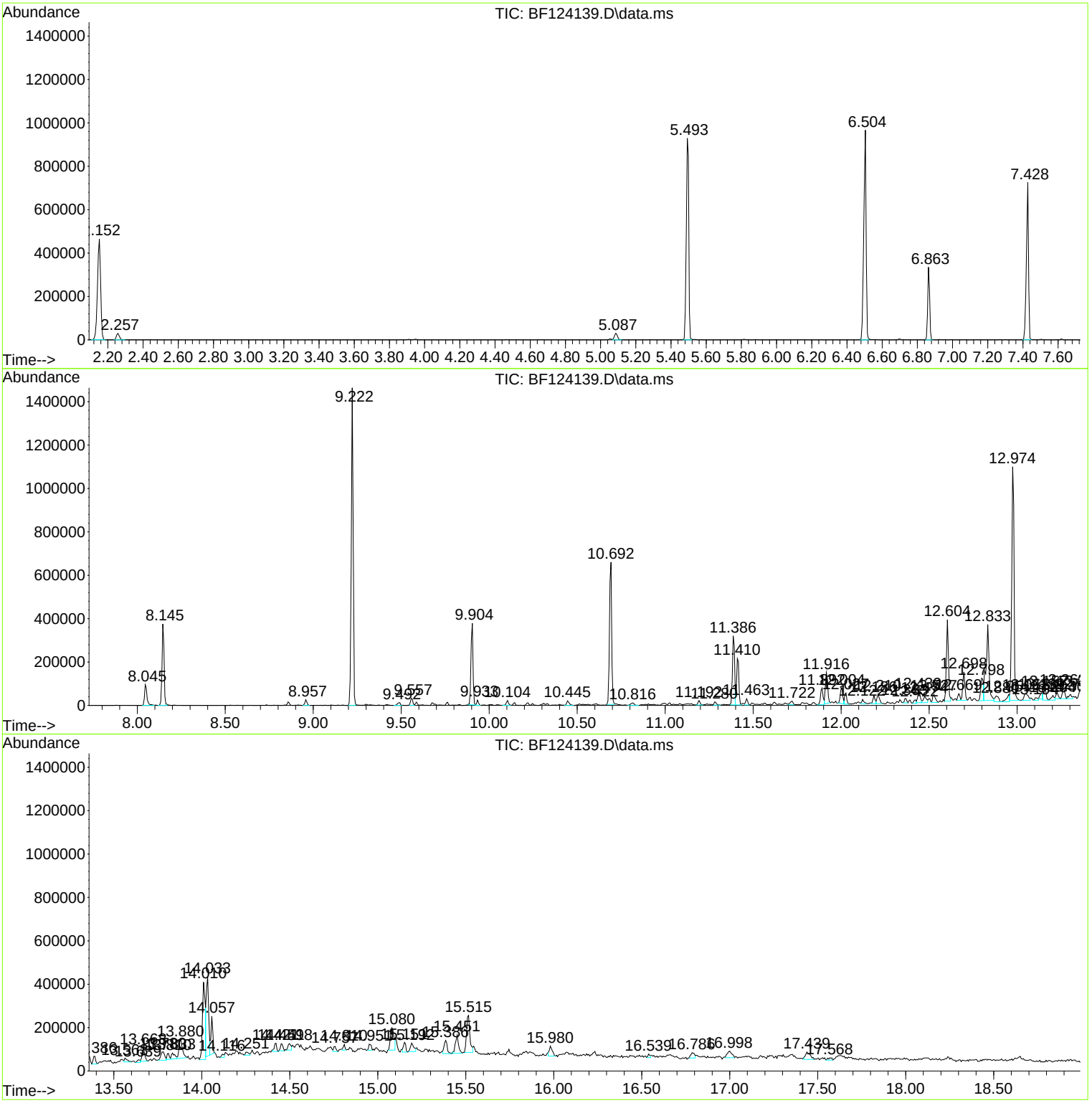
Sum of corrected areas: 11482103

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-363

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\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

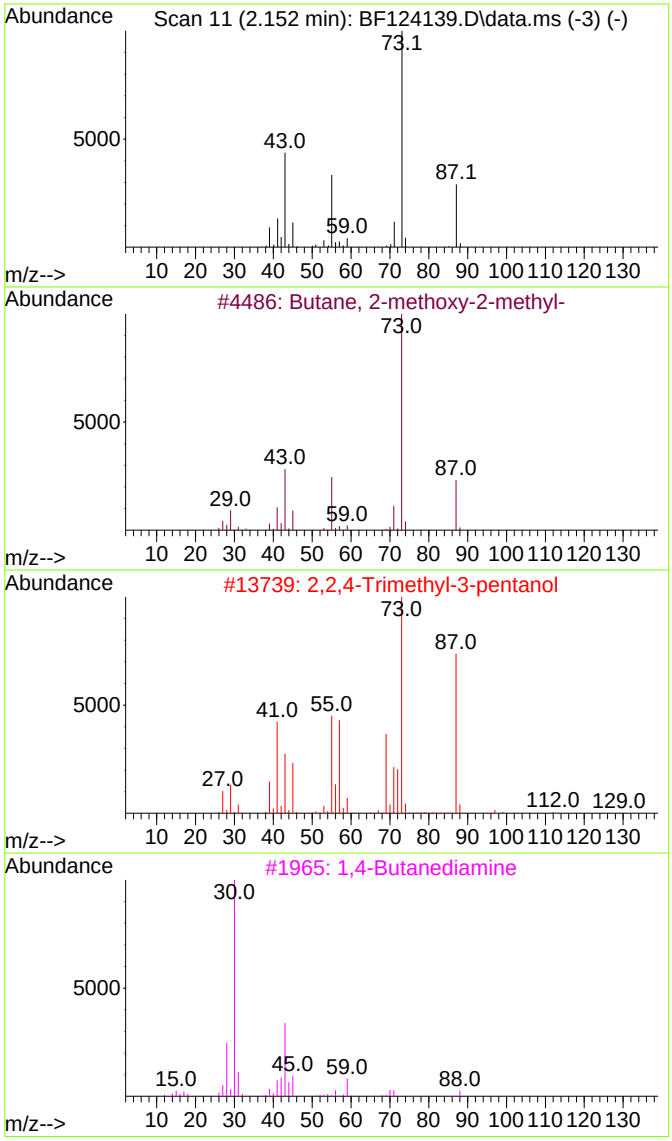
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

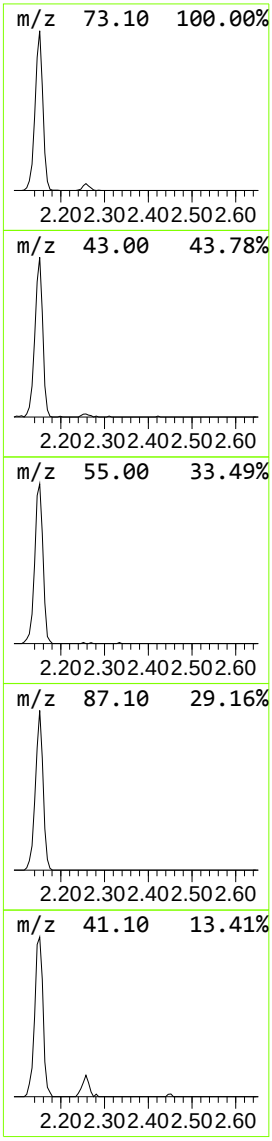
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	45.21 ng	581801	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
3	1,4-Butanediamine	88	C4H12N2	000110-60-1	9
4	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

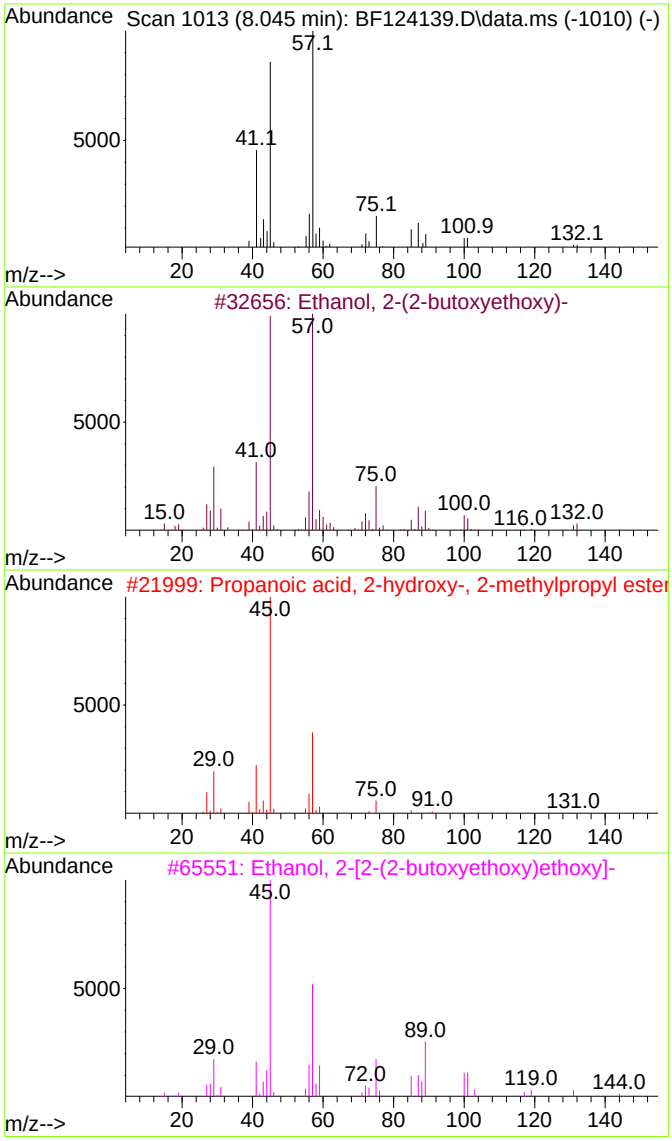
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

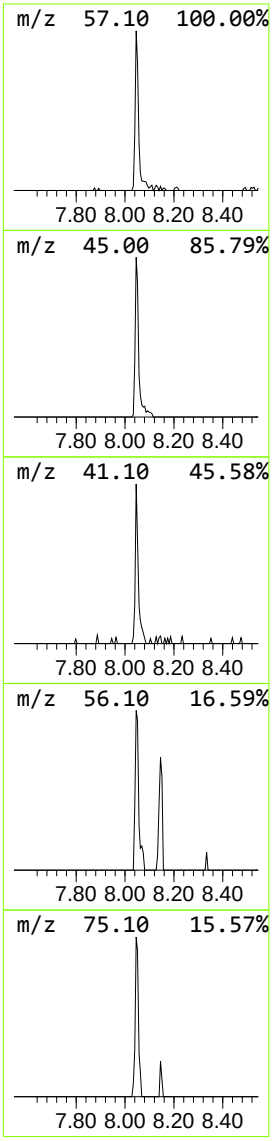
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.045	6.13 ng	93294	Naphthalene-d8	8.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	59
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	47
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-363

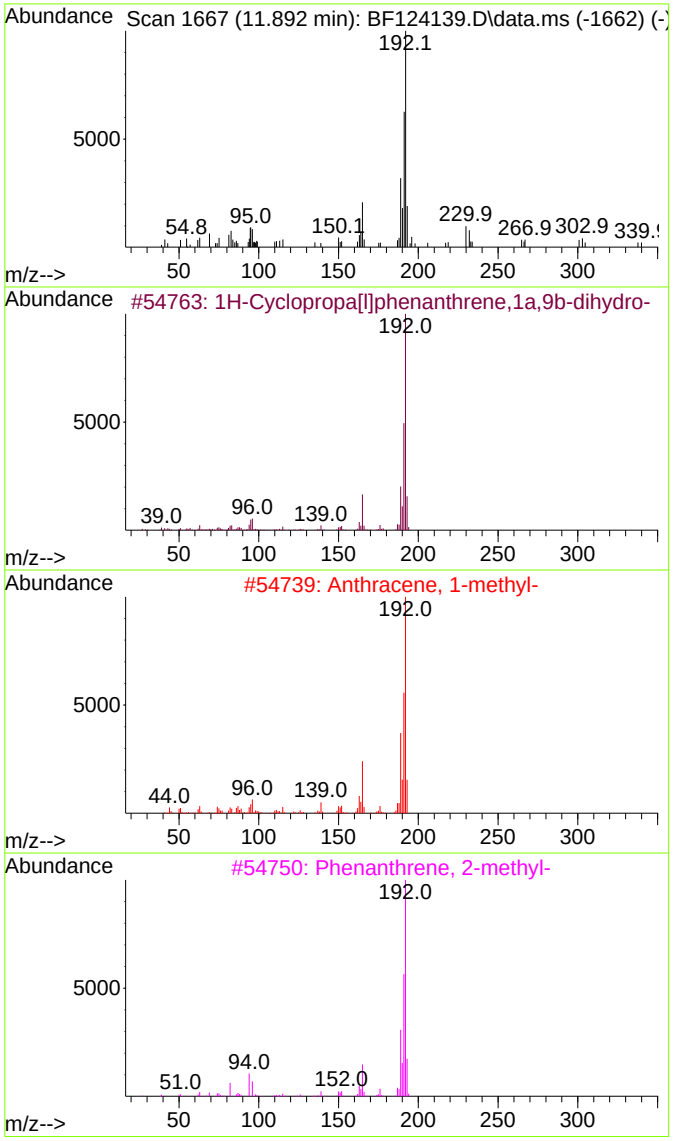
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

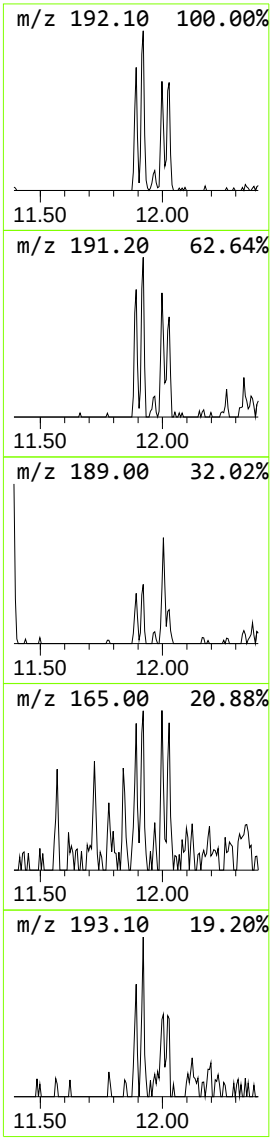
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	5.58 ng	76779	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-363

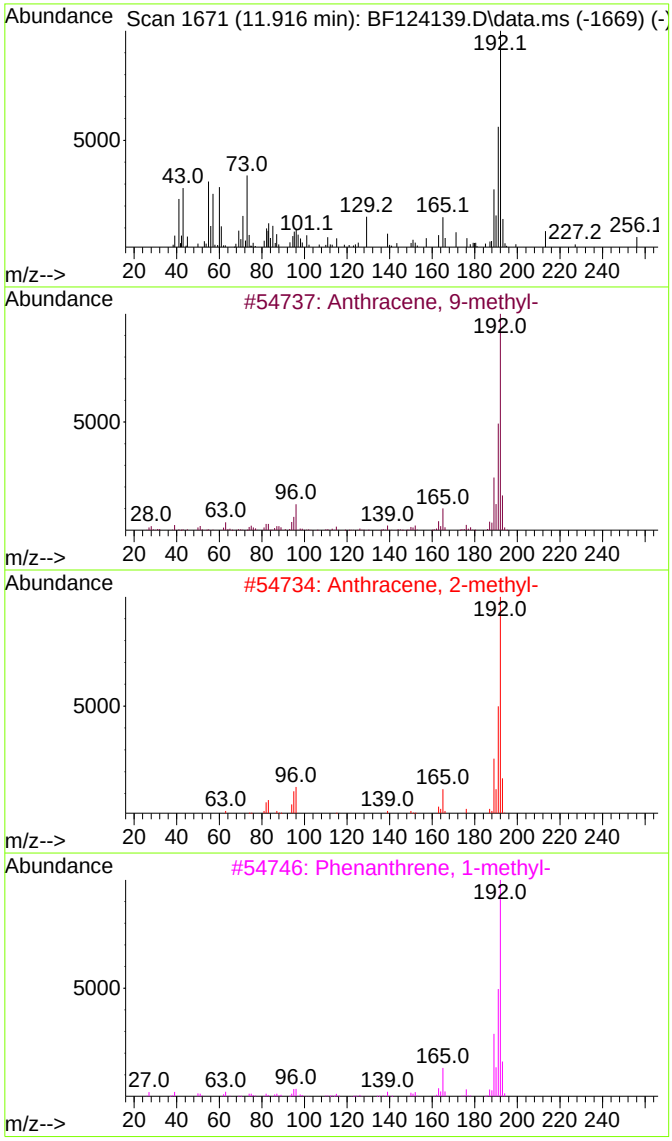
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

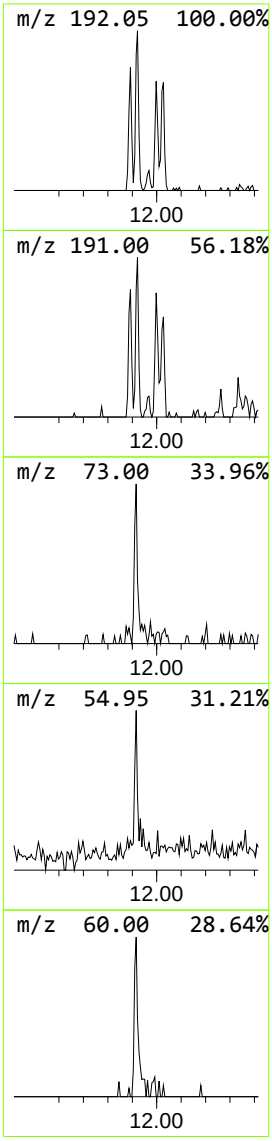
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Anthracene, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	9.33 ng	128387	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

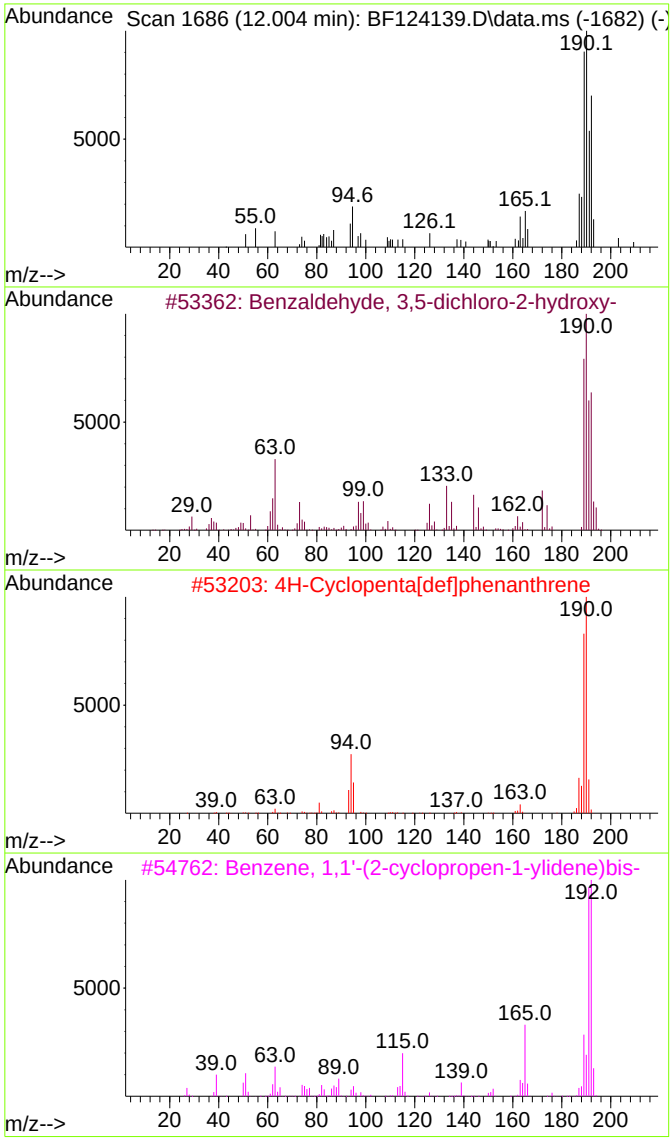
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

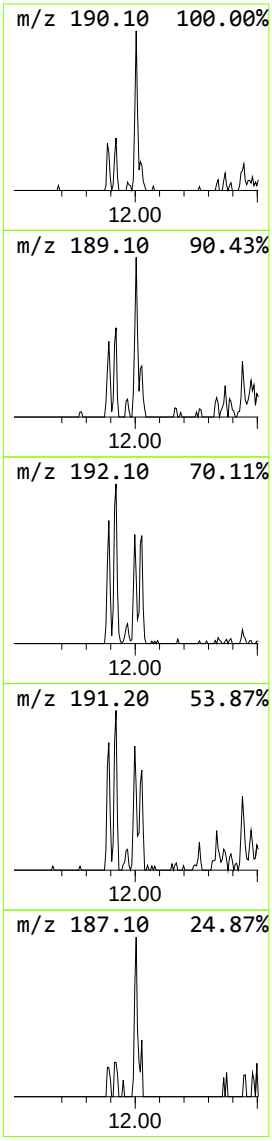
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	5.08 ng	69938	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	25
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

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

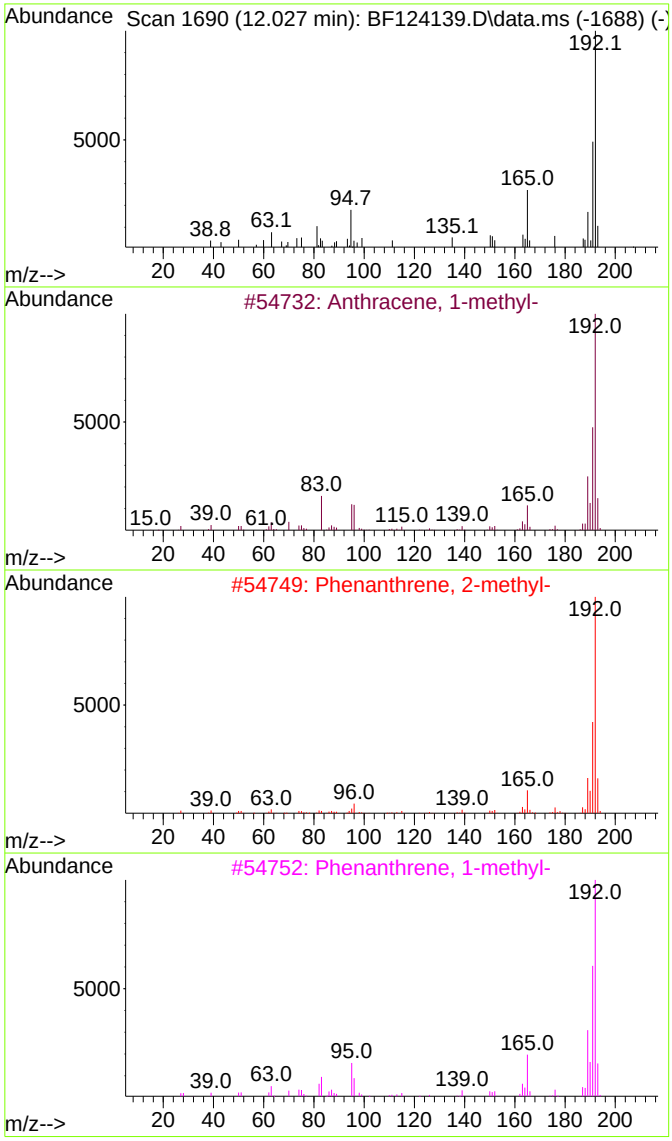
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

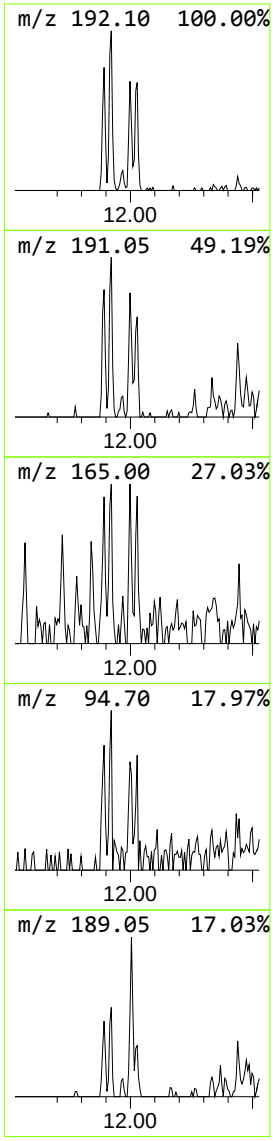
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	3.03 ng	41684	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-363

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

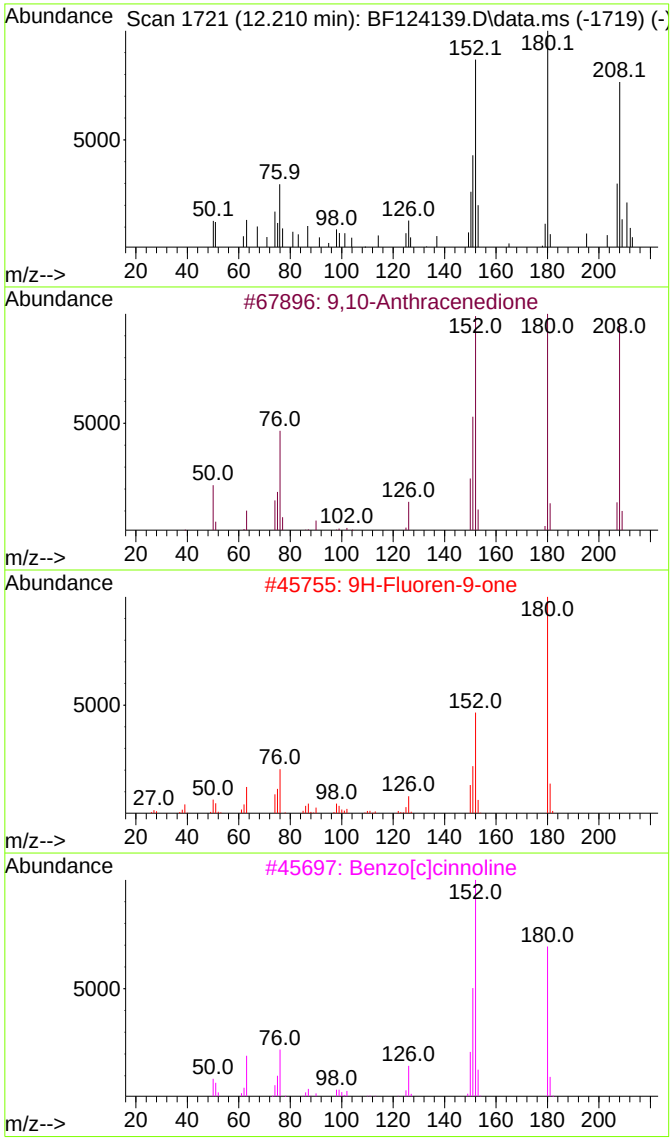
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

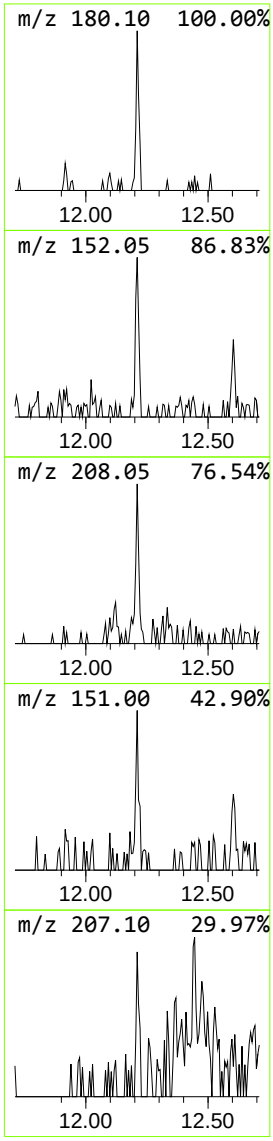
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	2.97 ng	40857	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	52
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	46
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-363

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

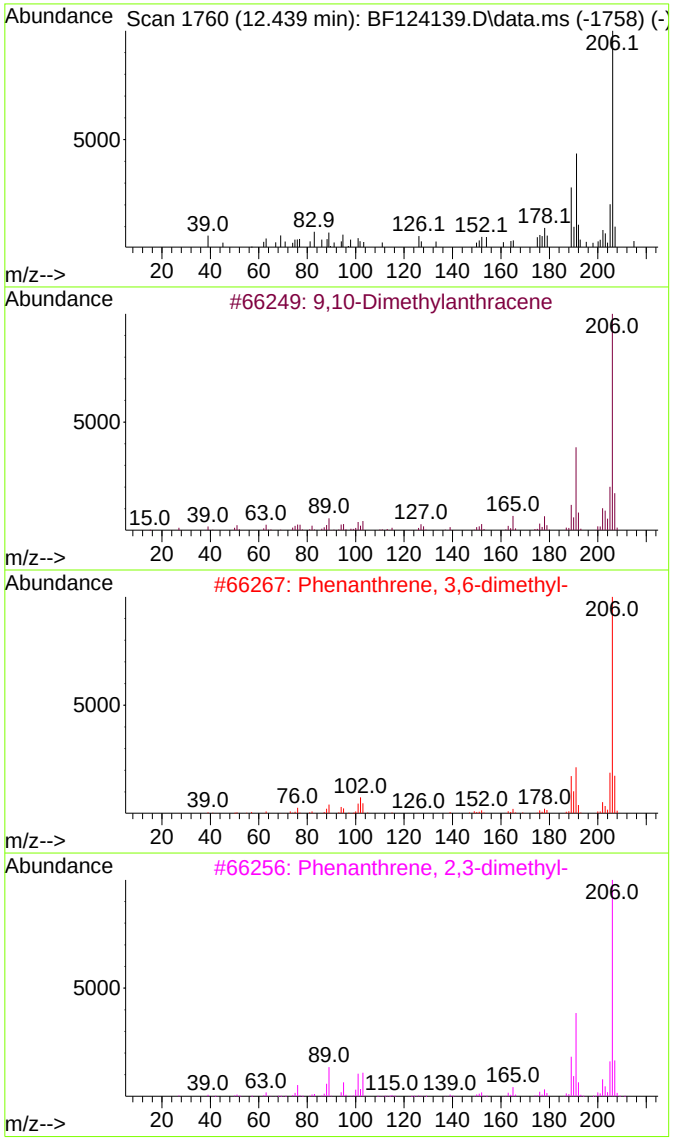
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

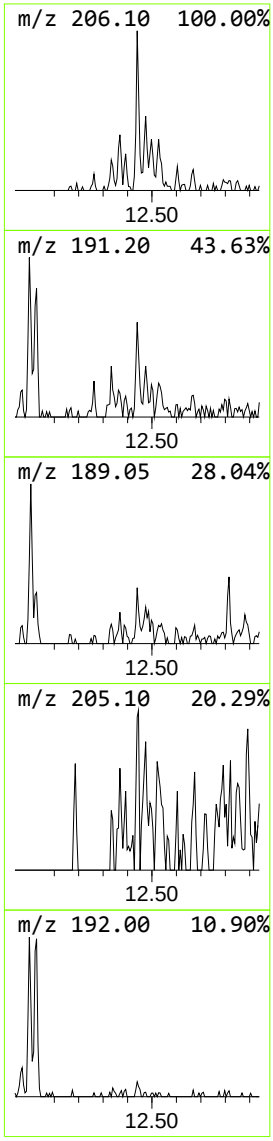
****

Peak Number 8 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	3.85 ng	52919	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	72
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

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

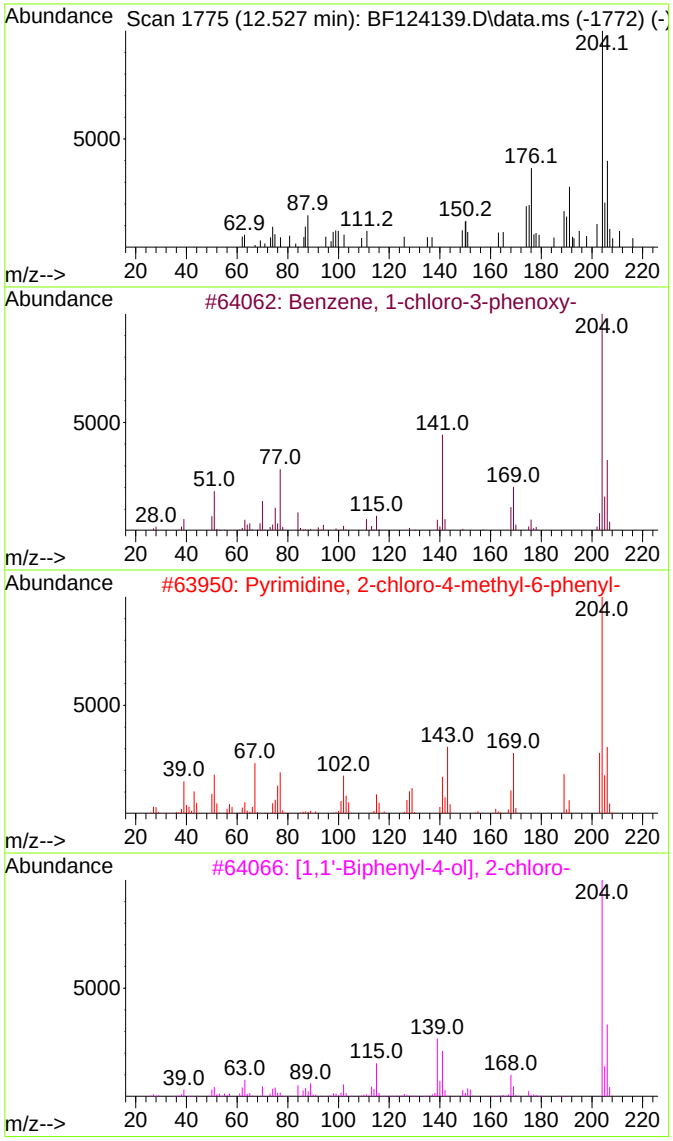
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

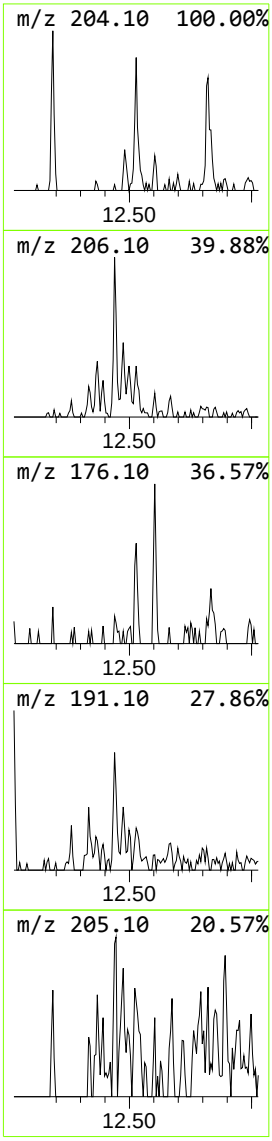
****

Peak Number 9 unknown12.527 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	2.93 ng	40299	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	49
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
3	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	46
4	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	46
5	[1,1'-Biphenyl]-2-ol, 3-chloro-	204	C12H9ClO	000085-97-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-363

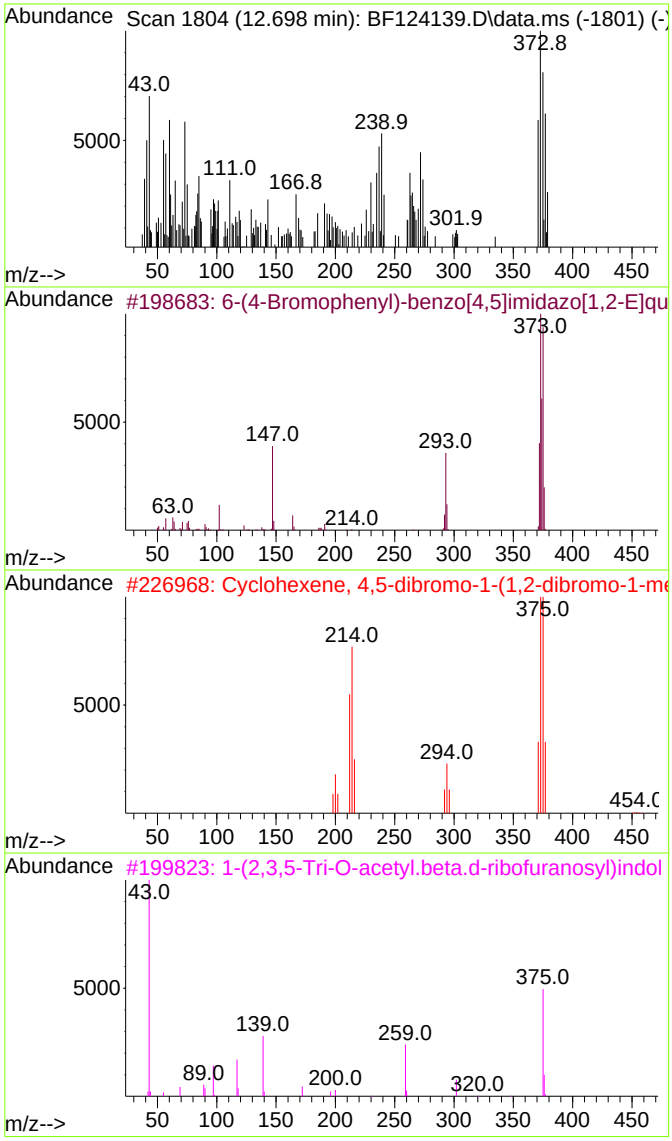
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

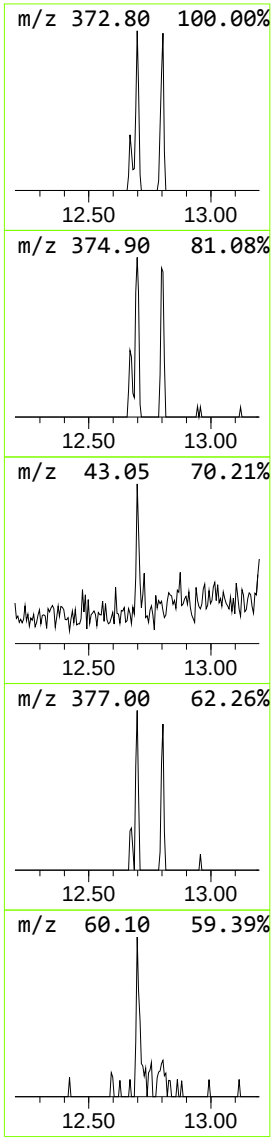
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown12.698 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	7.92 ng	108936	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-(4-Bromophenyl)-benzo[4,5]imid...	373	C20H12BrN3	313233-59-9	35
2	Cyclohexene, 4,5-dibromo-1-(1,2-...	450	C10H14Br4	070168-60-4	23
3	1-(2,3,5-Tri-O-acetyl.beta.d-rib...	375	C19H21NO7	1000312-27-3	11
4	9(10H)-Acridinone, 2,4,5,7-tetra...	375	C13H5N5O9	033963-94-9	10
5	N-Acridin-9-yl-N'-(2,4-dinitro-p...	375	C19H13N5O4	1000317-39-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

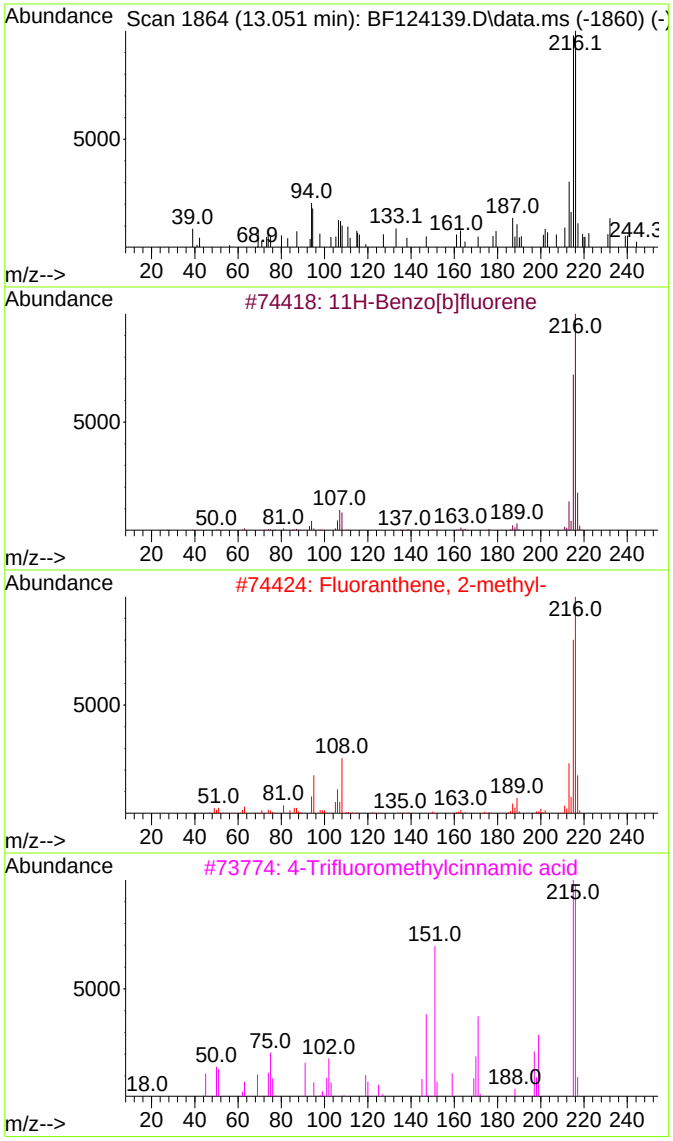
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

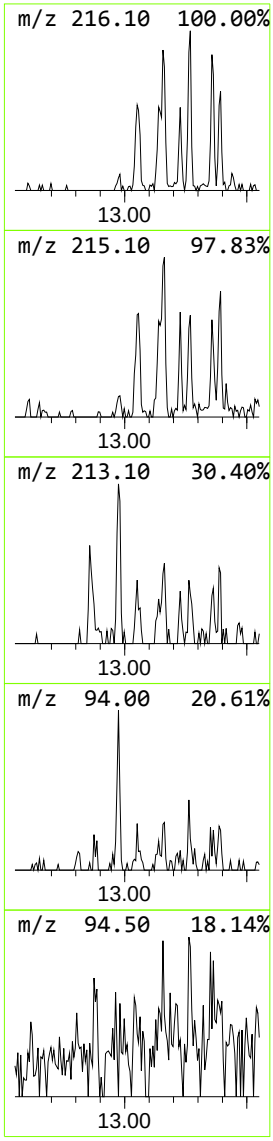
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.051	3.18 ng	52608	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	50
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50
3	4-Trifluoromethylcinnamic acid	216	C10H7F3O2	002062-26-2	47
4	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	47
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-363

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

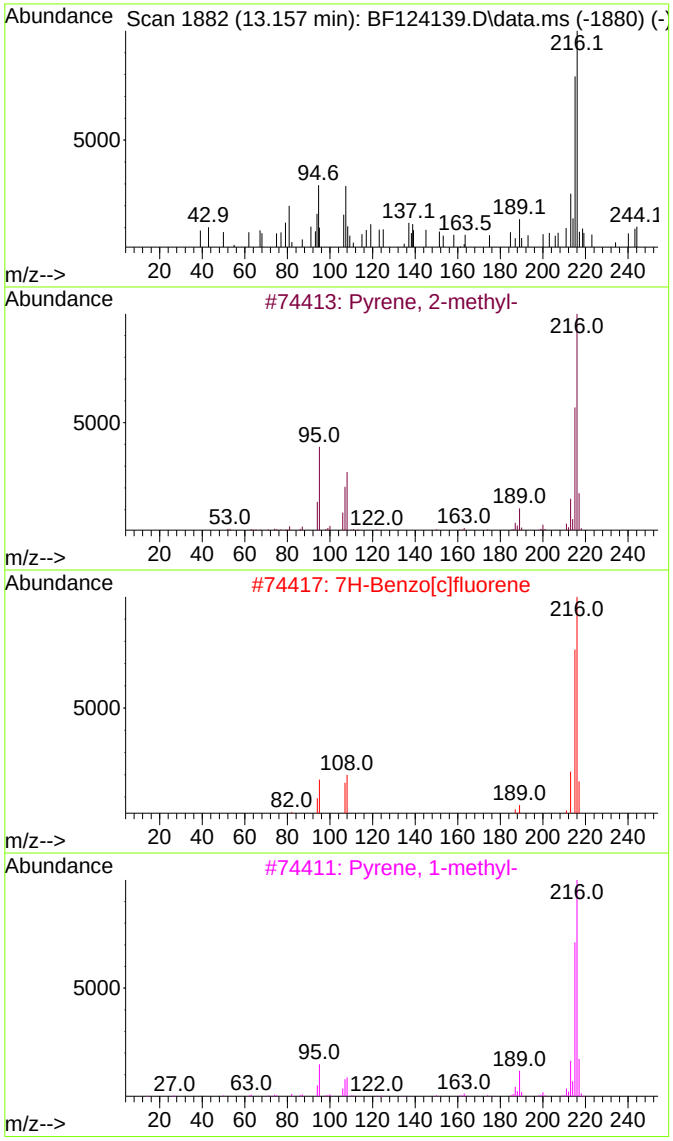
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

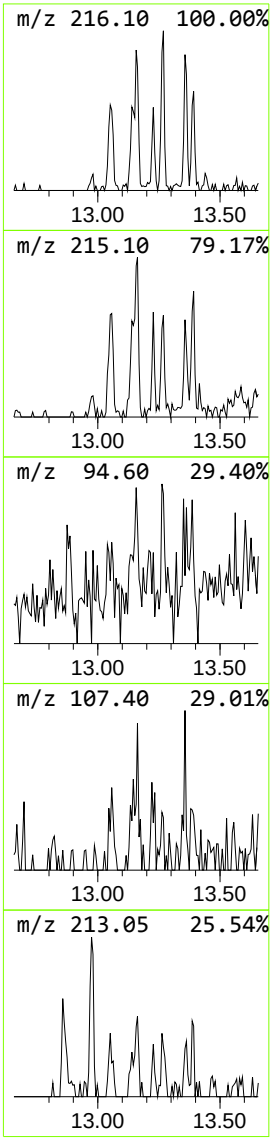
****

Peak Number 12 7H-Benzo[c]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.87 ng	47509	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	50
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	50
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	47
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

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

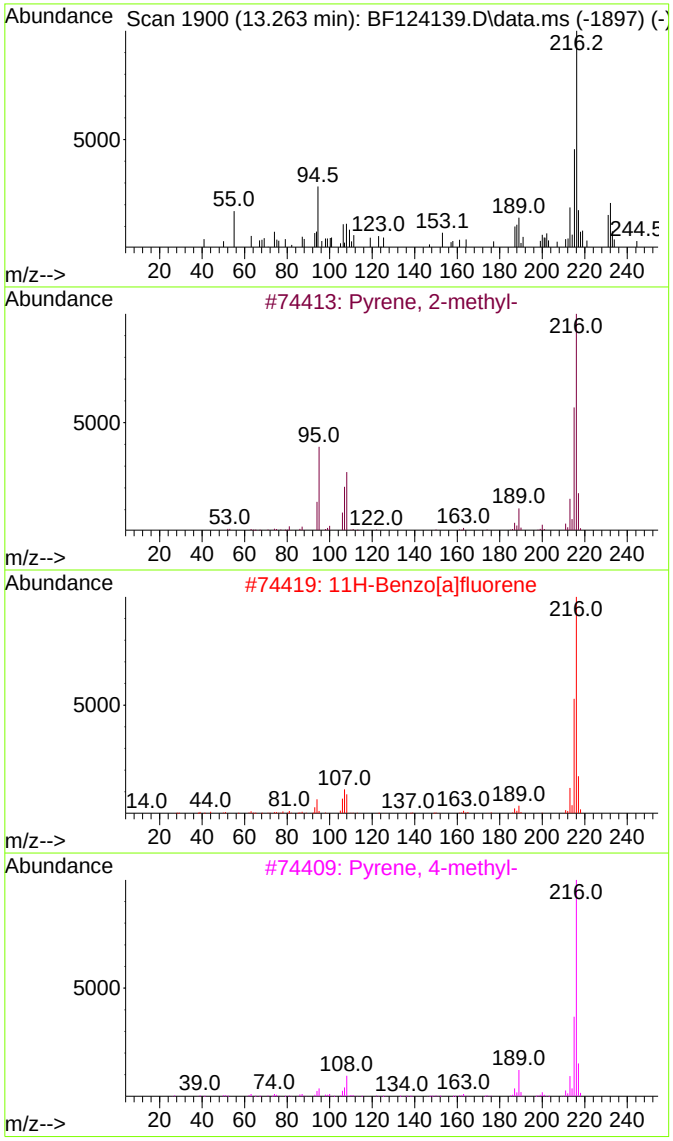
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

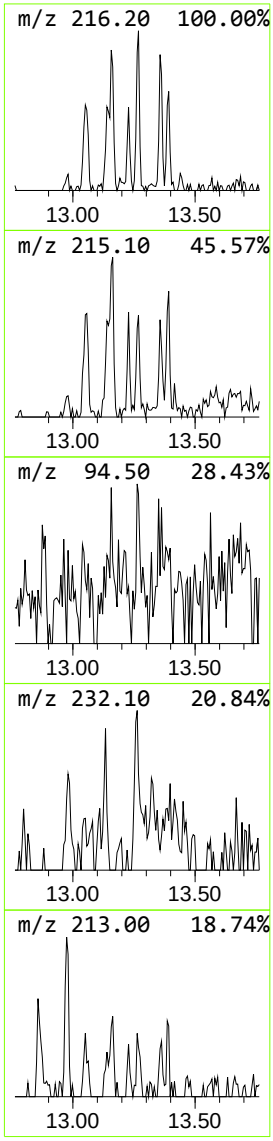
****

Peak Number 13 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	2.86 ng	47311	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	58
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	52
5	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

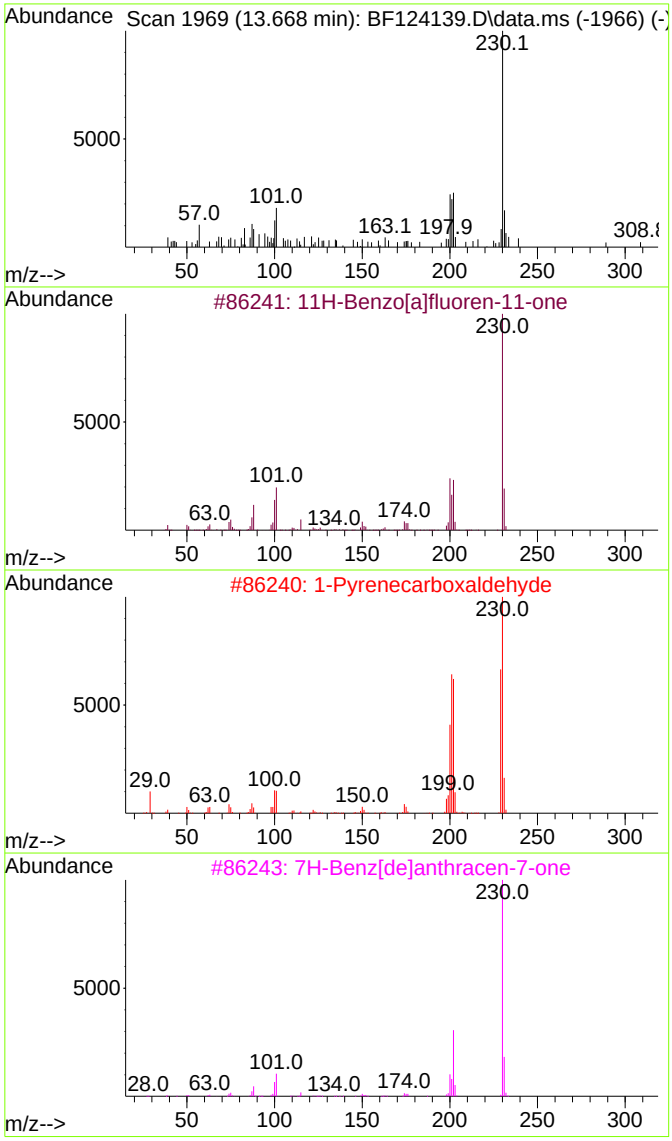
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

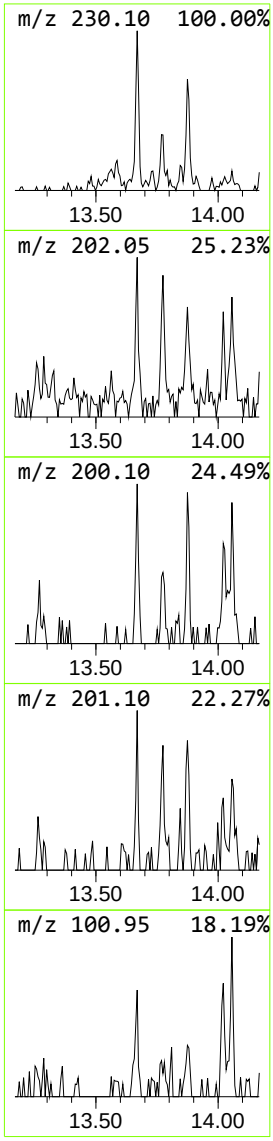
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	3.72 ng	61583	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
2	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	83
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

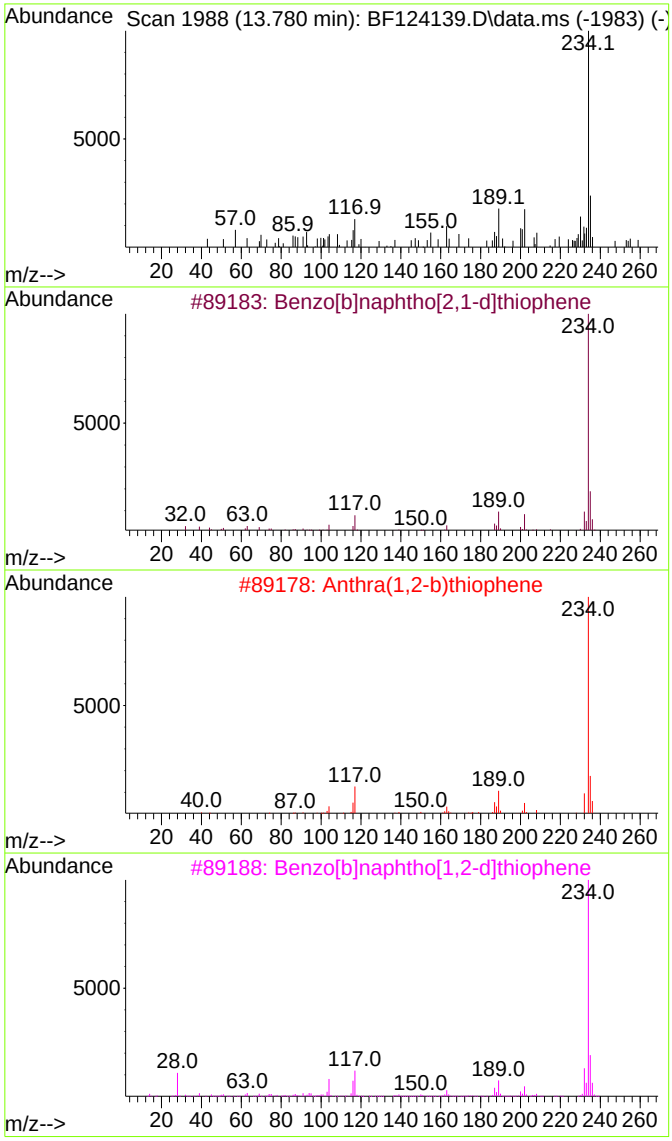
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

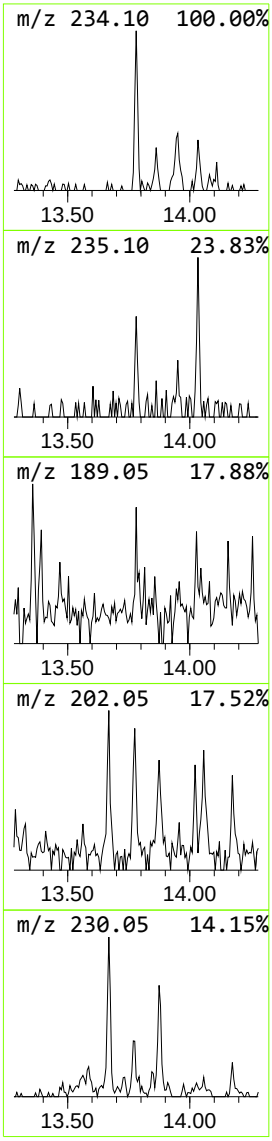
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	3.70 ng	61288	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	76
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64
5	2,4-Diamino-5,6,7,8-tetrahydro-9...	234	C11H14N4S	042159-81-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

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

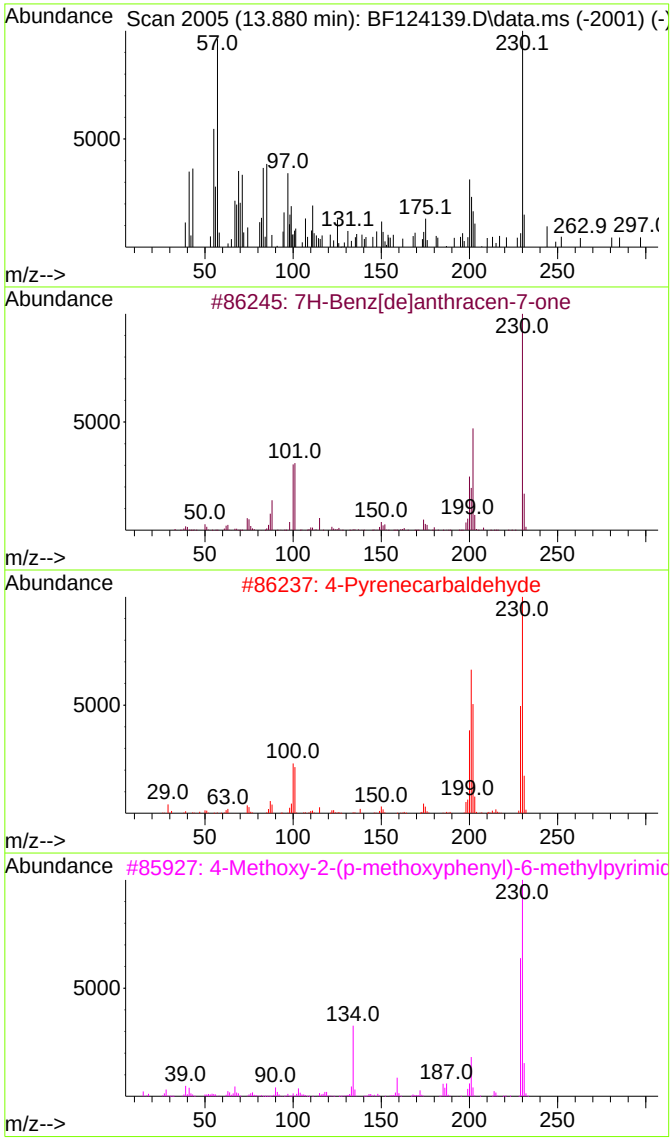
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

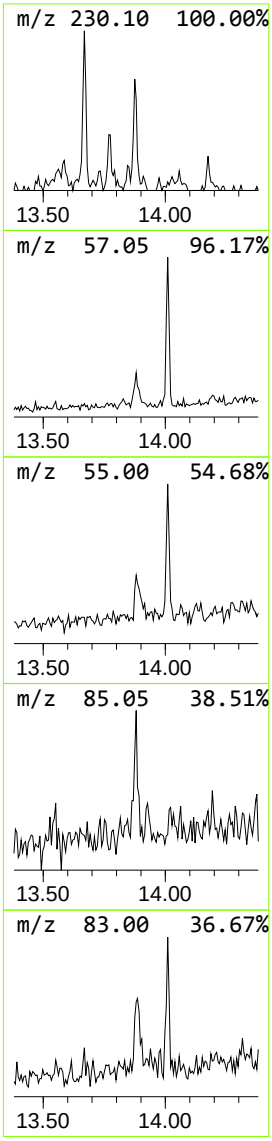
****

Peak Number 16 unknown13.880 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	7.15 ng	118519	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	35
2	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	27
3	4-Methoxy-2-(p-methoxyphenyl)-6-...	230	C13H14N2O2	063896-93-5	27
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	27
5	Imidazo[1,2-b]1,2,4-triazine, 2,...	230	C11H10N4S	309922-79-0	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

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

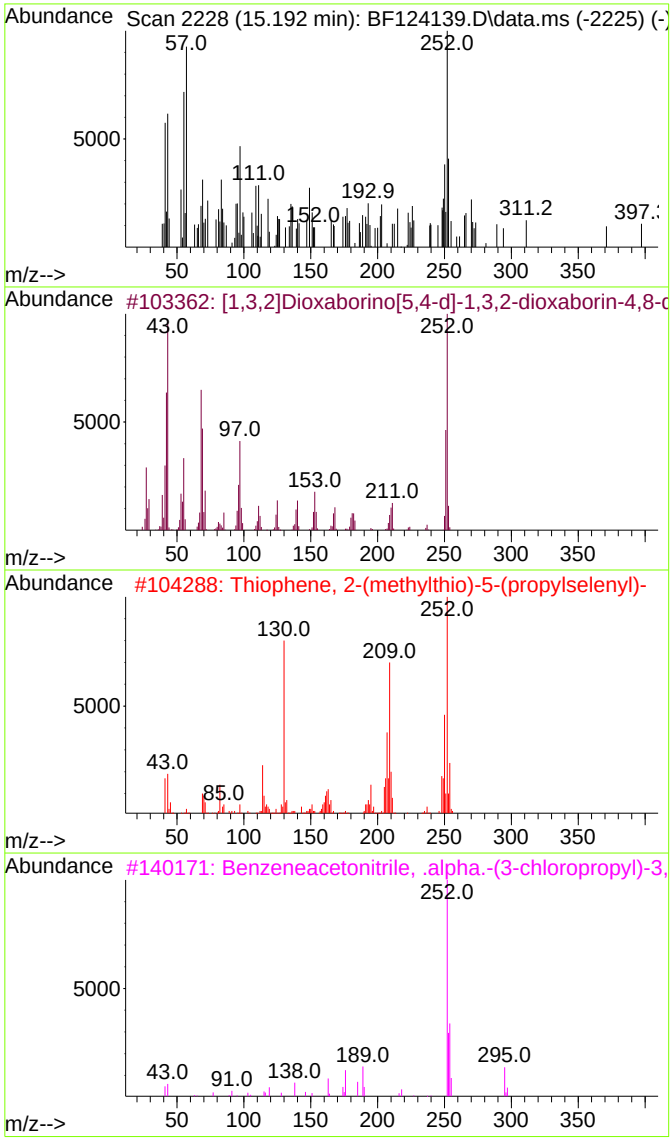
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

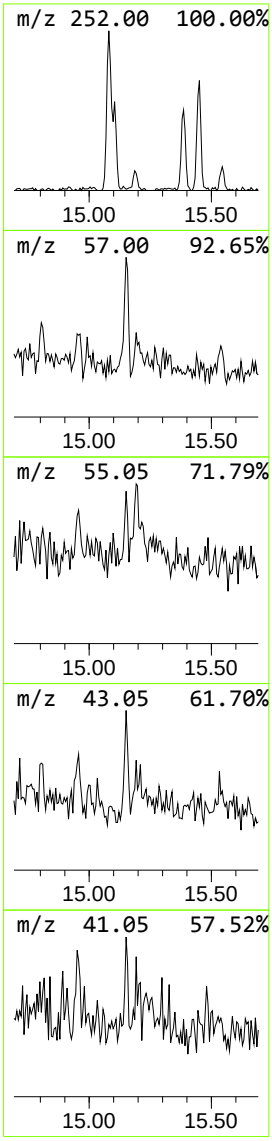
****

Peak Number 17 unknown15.192 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	4.66 ng	52615	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,3,2]Dioxaborino[5,4-d]-1,3,2-...	252	C10H14B2O6	087841-12-1	38
2	Thiophene, 2-(methylthio)-5-(pro...	252	C8H12S2Se	031053-60-8	35
3	Benzeneacetonitrile, .alpha.-(3-...	295	C16H22ClNO2	027487-83-8	27
4	Benzo[e]pyrene	252	C20H12	000192-97-2	25
5	Diacetyl lycorine	371	C20H21NO6	002492-05-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-363

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

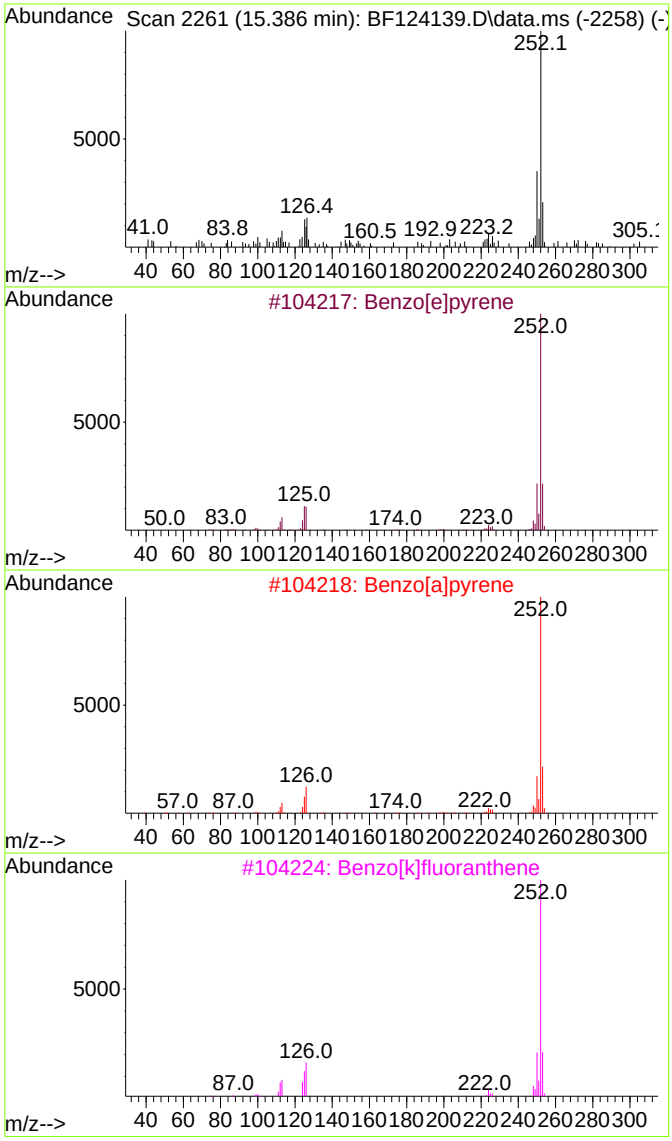
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

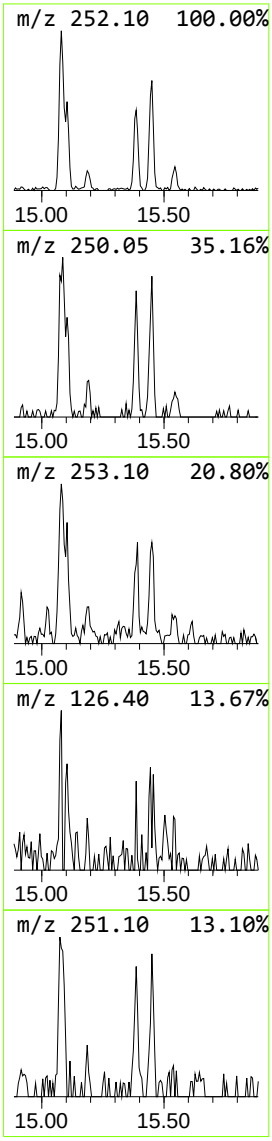
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	6.75 ng	76193	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	87
4	Perylene	252	C20H12	000198-55-0	81
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-363

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

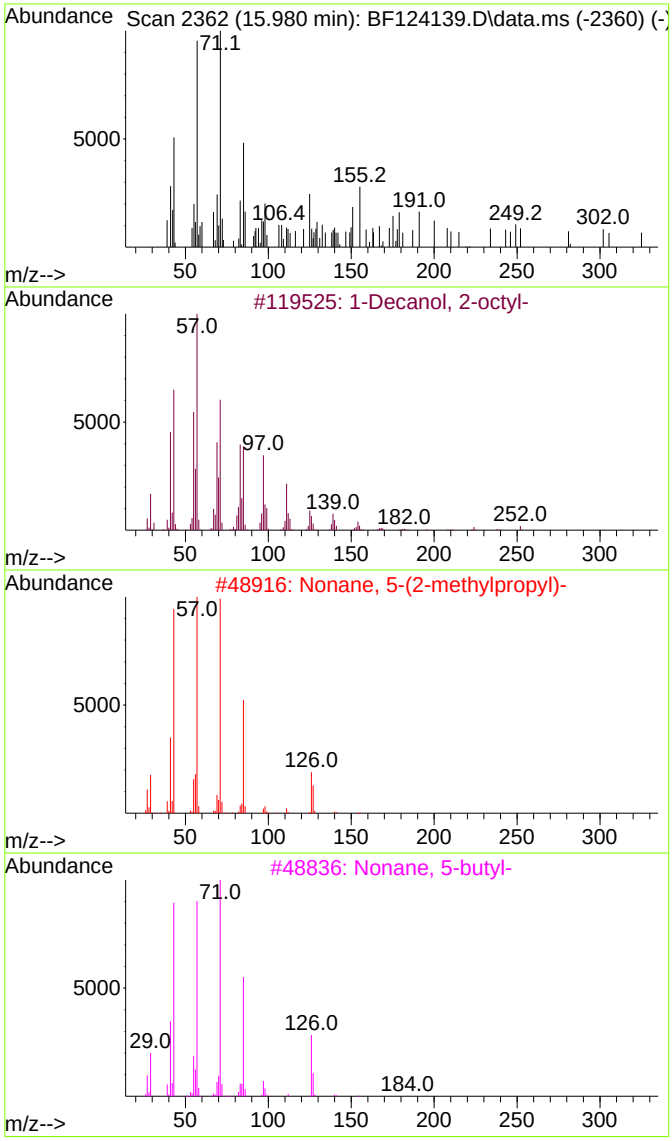
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

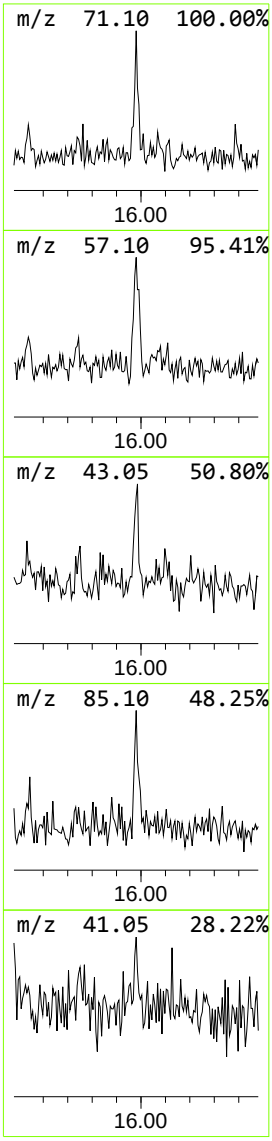
****

Peak Number 19 unknown15.980 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	4.66 ng	52628	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	47
2	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	43
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	43
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	43
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-363

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

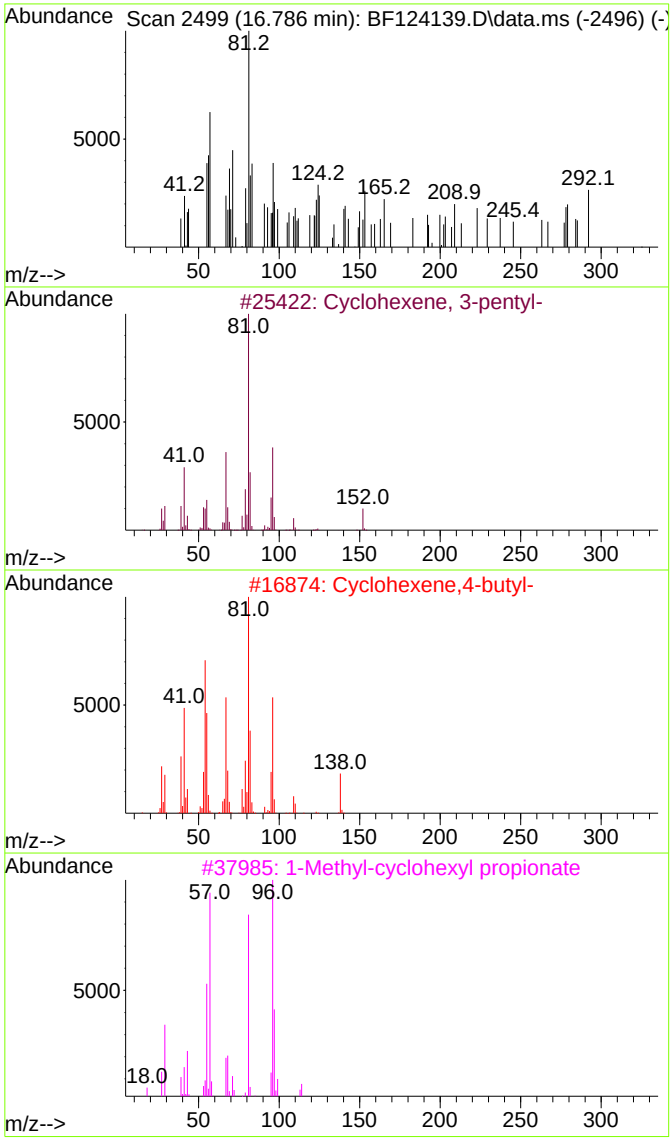
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

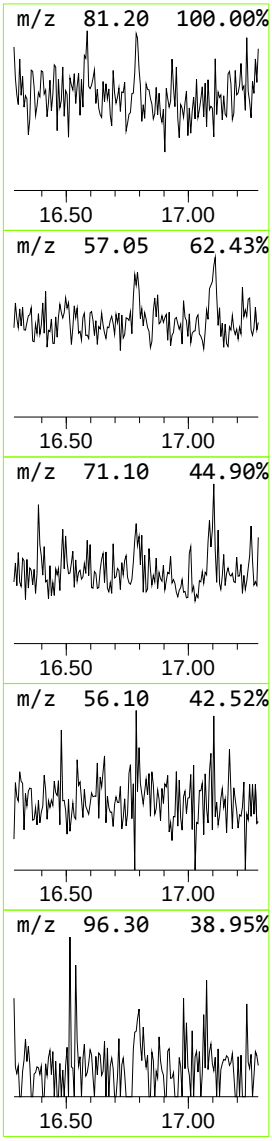
****

Peak Number 20 unknown16.786 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.786	3.32 ng	37496	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	46
2	Cyclohexene,4-butyl-	138	C10H18	021524-26-5	43
3	1-Methyl-cyclohexyl propionate	170	C10H18O2	091328-37-9	43
4	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	43
5	Cyclohexene,3-hexyl-	166	C12H22	015232-78-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

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
Butane, 2-metho...	2.152	45.2	ng	581801	1	6.863	257366	20.0
Ethanol, 2-(2-b...	8.045	6.1	ng	93294	2	8.145	304583	20.0
1H-Cyclopropa[l...	11.892	5.6	ng	76779	4	11.386	275135	20.0
Anthracene, 9-m...	11.916	9.3	ng	128387	4	11.386	275135	20.0
Benzaldehyde, 3...	12.004	5.1	ng	69938	4	11.386	275135	20.0
Anthracene, 1-m...	12.027	3.0	ng	41684	4	11.386	275135	20.0
9,10-Anthracene...	12.210	3.0	ng	40857	4	11.386	275135	20.0
9,10-Dimethylan...	12.439	3.9	ng	52919	4	11.386	275135	20.0
unknown12.527	12.527	2.9	ng	40299	4	11.386	275135	20.0
unknown12.698	12.698	7.9	ng	108936	4	11.386	275135	20.0
11H-Benzo[b]flu...	13.051	3.2	ng	52608	5	14.033	331329	20.0
7H-Benzo[c]fluo...	13.157	2.9	ng	47509	5	14.033	331329	20.0
Pyrene, 2-methyl-	13.263	2.9	ng	47311	5	14.033	331329	20.0
11H-Benzo[a]flu...	13.669	3.7	ng	61583	5	14.033	331329	20.0
Benzo[b]naphtho...	13.780	3.7	ng	61288	5	14.033	331329	20.0
unknown13.880	13.880	7.2	ng	118519	5	14.033	331329	20.0
unknown15.192	15.192	4.7	ng	52615	6	15.515	225823	20.0
Benzo[e]pyrene	15.386	6.8	ng	76193	6	15.515	225823	20.0
unknown15.980	15.980	4.7	ng	52628	6	15.515	225823	20.0
unknown16.786	16.786	3.3	ng	37496	6	15.515	225823	20.0