LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
Data File : BF122528.D
Acq On : 1 Dec 2020 18:31
Operator : JU/CG
Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B47-113020-10-12.75

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122528.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	19	rVB	94776	143003	3.25%	0.283%
2	2.234	21	25	37	rVB	46410	80530	1.83%	0.159%
3	5.069	503	507	513	rVB2	66118	88726	2.02%	0.176%
4	5.475	572	576	579	rBV	3240515	2991038	67.93%	5.917%
5	6.487	743	748	759	rVB	3318895	3256155	73.95%	6.442%
6	6.681	778	781	787	rBV	155738	182685	4.15%	0.361%
7	6.857	807	811	817	rVB	1412019	1205029	27.37%	2.384%
8	7.416	901	906	909	rBV	2373972	2089417	47.45%	4.134%
9	8.139	1024	1029	1032	rBV	1825363	1574077	35.75%	3.114%
10	8.204	1037	1040	1043	rVB	54153	51927	1.18%	0.103%
11	8.563	1098	1101	1106	rVB	71887	63192	1.44%	0.125%
12	9.216	1208	1212	1224	rBV	4402097	4067316	92.38%	8.047%
13	9.333	1228	1232	1243	rVB	911105	1015711	23.07%	2.009%
14	9.610	1276	1279	1283	rBV	615114	542880	12.33%	1.074%
15	9.827	1310	1316	1321	rVB	59706	63887	1.45%	0.126%
16	9.898	1321	1328	1331	rBV	2181963	1901180	43.18%	3.761%
17	9.927	1331	1333	1337	rVB2	103167	94413	2.14%	0.187%
18	10.051	1350	1354	1358	rBV4	29907	51810	1.18%	0.103%
19	10.098	1358	1362	1366	rVB	85590	89384	2.03%	0.177%
20	10.327	1399	1401	1404	rVB	83249	62042	1.41%	0.123%
21	10.445	1417	1421	1426	rBV3	68461	88610	2.01%	0.175%
22	10.498	1426	1430	1434	rBV3	72678	137368	3.12%	0.272%
23	10.686	1457	1462	1472	rBV	2695806	2707786	61.50%	5.357%
24	10.804	1479	1482	1486	rBV2	107217	147054	3.34%	0.291%
25	10.992	1509	1514	1517	rBV3	35165	47593	1.08%	0.094%
26	11.186	1544	1547	1551	rBV2	62346	63325	1.44%	0.125%
27	11.251	1551	1558	1561	rVV3	130283	177738	4.04%	0.352%
28	11.280	1561	1563	1569	rVB2	98290	98120	2.23%	0.194%
29	11.386	1577	1581	1583	rBV	2183926	2014808	45.76%	3.986%
30	11.410	1583	1585	1588	rVV	680534	566567	12.87%	1.121%
31	11.457	1591	1593	1596	rVB	171528	138417	3.14%	0.274%
32	11.492	1596	1599	1602	rBV2	70592	69127	1.57%	0.137%
33	11.563	1609	1611	1614	rVB	61831	48687	1.11%	0.096%
34	11.616	1614	1620	1625	rBV2	97923	167938	3.81%	0.332%
35	11.680	1628	1631	1635	rVV	134973	148823	3.38%	0.294%
36	11.716	1635	1637	1642	rVB3	57278	59512	1.35%	0.118%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
Data File : BF122528.D
Acq On : 1 Dec 2020 18:31
Operator : JU/CG
Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B47-113020-10-12.75

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.839	1655	1658	1661	rBV2	40625	47987	1.09%	0.095%
38	11.886	1663	1666	1668	rBV	126156	107746	2.45%	0.213%
39	11.916	1668	1671	1676	rBV	719073	681695	15.48%	1.349%
40	11.998	1681	1685	1687	rVV2	199222	259570	5.90%	0.514%
41	12.021	1687	1689	1693	rVB	108527	105762	2.40%	0.209%
42	12.068	1694	1697	1698	rBV2	41978	49127	1.12%	0.097%
43	12.086	1698	1700	1703	rVB2	125551	102374	2.33%	0.203%
44	12.180	1713	1716	1718	rBV	109440	91696	2.08%	0.181%
45	12.204	1718	1720	1724	rVB3	71456	67761	1.54%	0.134%
46	12.333	1740	1742	1744	rVB	80032	55809	1.27%	0.110%
47	12.363	1745	1747	1749	rBV2	67392	53932	1.22%	0.107%
48	12.433	1756	1759	1763	rBV	138350	161854	3.68%	0.320%
49	12.474	1763	1766	1768	rVV	178532	177495	4.03%	0.351%
50	12.521	1771	1774	1780	rVB	158040	185891	4.22%	0.368%
51	12.598	1784	1787	1790	rBV	1281697	1016743	23.09%	2.012%
52	12.633	1790	1793	1796	rVB3	83791	96047	2.18%	0.190%
53	12.704	1801	1805	1811	rBV2	448839	590245	13.41%	1.168%
54	12.786	1816	1819	1821	rBV3	63724	78938	1.79%	0.156%
55	12.827	1821	1826	1828	rBV	1362576	1228461	27.90%	2.430%
56	12.945	1844	1846	1847	rBV2	55831	47741	1.08%	0.094%
57	12.974	1847	1851	1854	rVV	4580275	4402946	100.00%	8.711%
58	13.045	1859	1863	1866	rBV3	136328	207456	4.71%	0.410%
59	13.151	1875	1881	1884	rVB2	164569	331416	7.53%	0.656%
60	13.257	1896	1899	1903	rBV2	194350	202529	4.60%	0.401%
61	13.351	1912	1915	1918	rBV	276604	234465	5.33%	0.464%
62	13.380	1918	1920	1924	rBV2	123093	111842	2.54%	0.221%
63	13.663	1965	1968	1972	rVB	283040	280536	6.37%	0.555%
64	13.804	1990	1992	1994	rBV2	105549	73792	1.68%	0.146%
65	13.827	1994	1996	2001	rVB2	143835	152120	3.45%	0.301%
66	13.874	2001	2004	2007	rVB2	183439	191747	4.35%	0.379%
67	13.921	2008	2012	2022	rBV7	307612	874499	19.86%	1.730%
68	14.027	2025	2030	2033	rVV2	1992286	2397080	54.44%	4.742%
69	14.051	2033	2034	2037	rVB	620309	381270	8.66%	0.754%
70	14.133	2046	2048	2050	rBV	117697	90492	2.06%	0.179%
71	14.445	2099	2101	2104	rVB	98846	87079	1.98%	0.172%
72	14.539	2114	2117	2119	rBV2	158361	155519	3.53%	0.308%
73	14.786	2157	2159	2161	rBV	134721	112338	2.55%	0.222%
74	15.068	2203	2207	2211	rBV2	935604	1483574	33.70%	2.935%
75	15.145	2218	2220	2223	rVV	93813	81423	1.85%	0.161%
76	15.180	2223	2226	2229	rVB	246854	240361	5.46%	0.476%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
Data File : BF122528.D
Acq On : 1 Dec 2020 18:31
Operator : JU/CG
Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B47-113020-10-12.75

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.380	2255	2260	2265	rVB	725841	995462	22.61%	1.969%
78	15.439	2265	2270	2276	rVB	994790	1185739	26.93%	2.346%
79	15.504	2276	2281	2284	rBV	1211694	1567023	35.59%	3.100%
80	15.533	2284	2286	2293	rVB	389686	443178	10.07%	0.877%
81	16.968	2524	2530	2540	rVB2	554954	1066021	24.21%	2.109%
82	17.151	2556	2561	2565	rBV	104879	186626	4.24%	0.369%
83	17.203	2567	2570	2575	rVV3	71042	118417	2.69%	0.234%
84	17.415	2599	2606	2616	rVB	494094	1044857	23.73%	2.067%
85	17.650	2641	2646	2662	rVB2	134410	343473	7.80%	0.680%

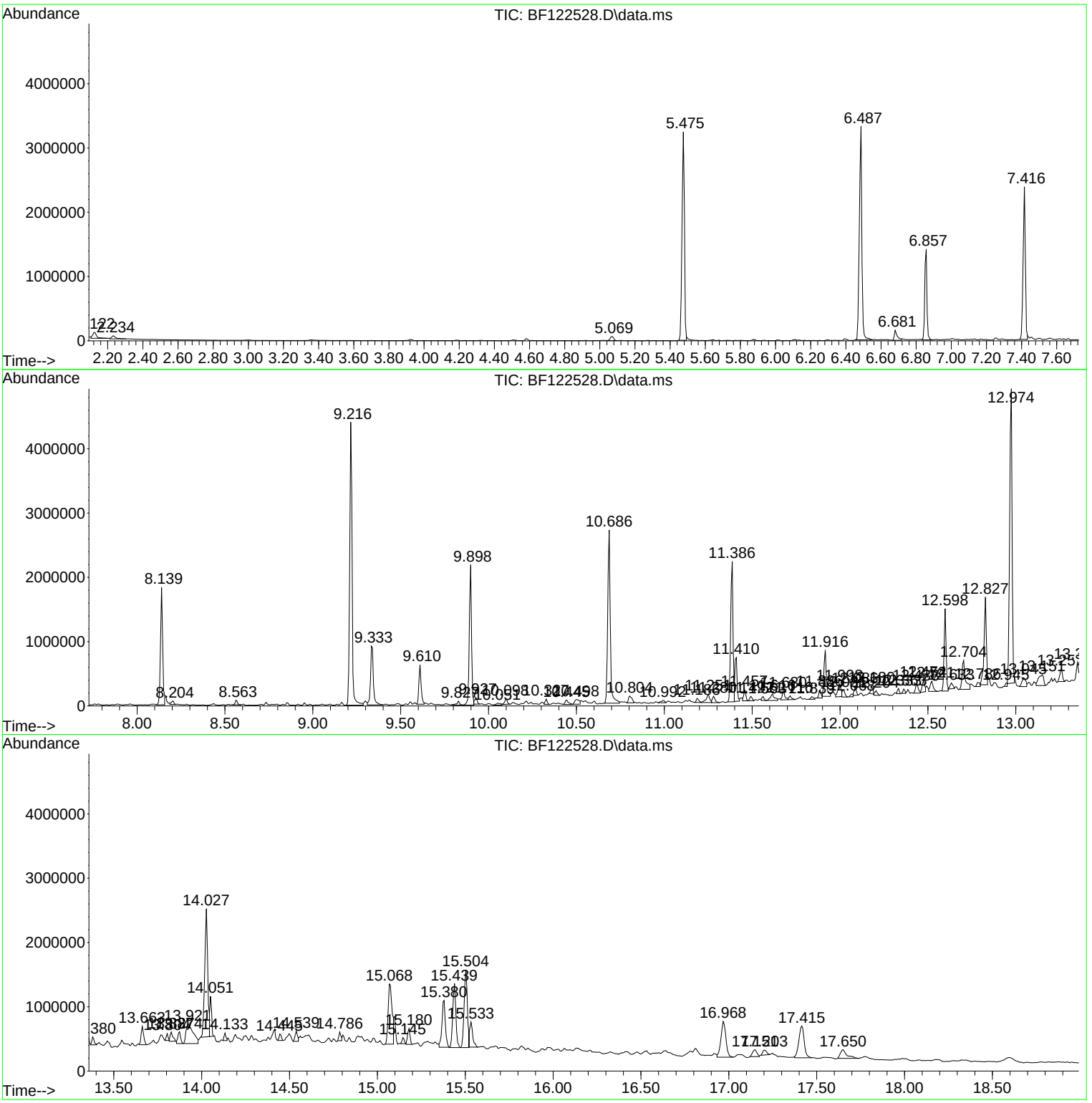
Sum of corrected areas: 50546029

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
Data File : BF122528.D
Acq On : 1 Dec 2020 18:31
Operator : JU/CG
Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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\BF120120\
Data File : BF122528.D
Acq On : 1 Dec 2020 18:31
Operator : JU/CG
Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B47-113020-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

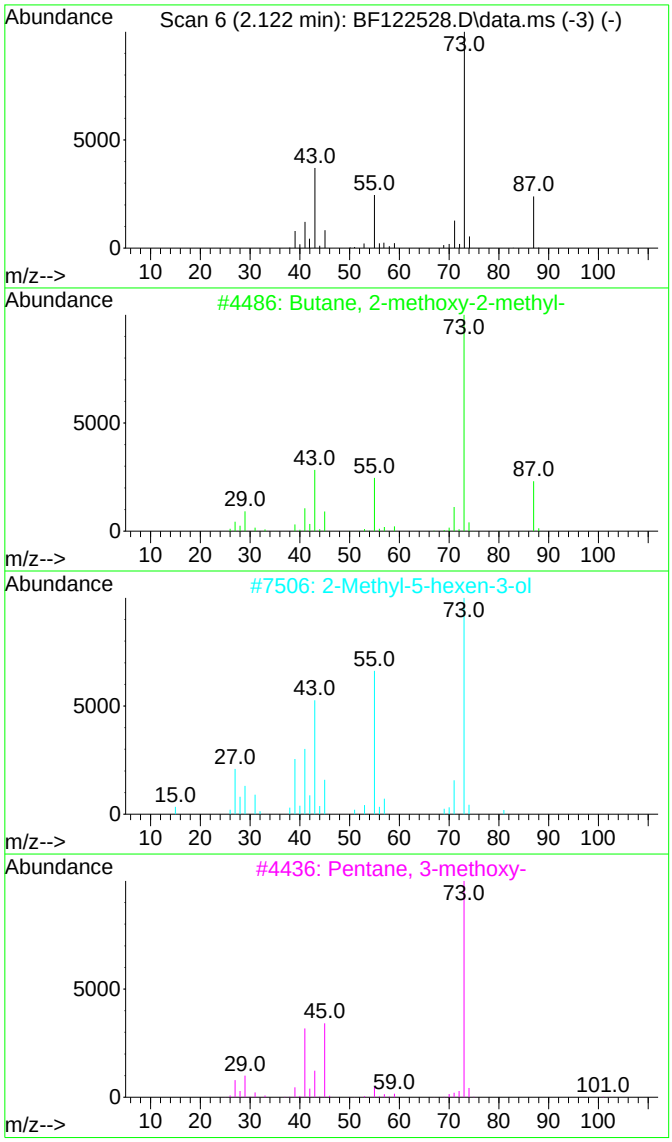
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

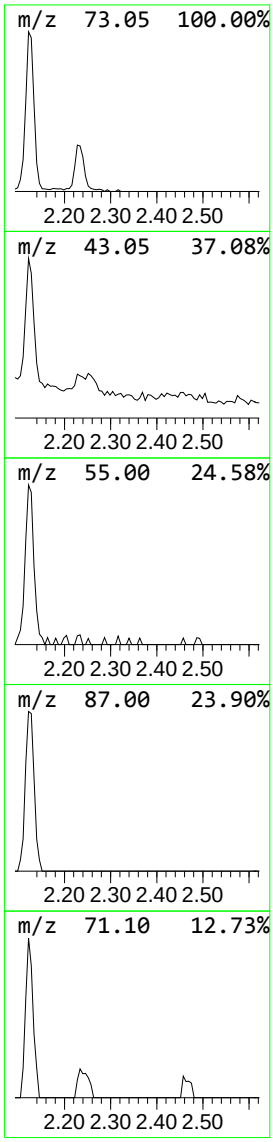
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	2.37 ng	143003	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
5	1,4-Butanediamine	88	C4H12N2	000110-60-1	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
Data File : BF122528.D
Acq On : 1 Dec 2020 18:31
Operator : JU/CG
Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75

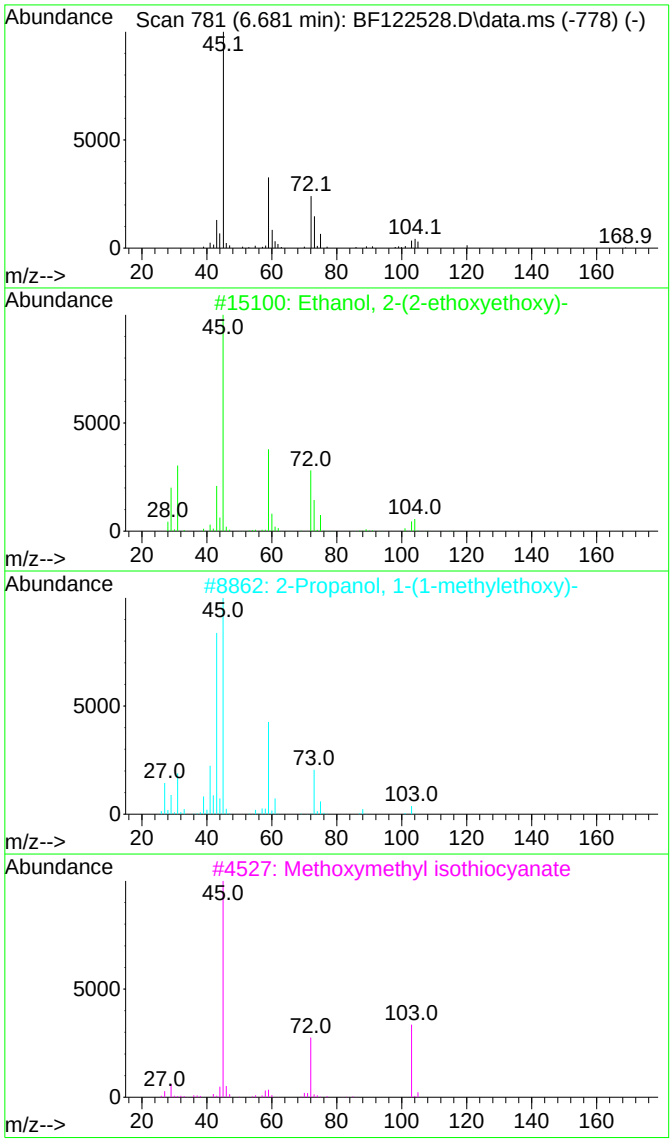
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

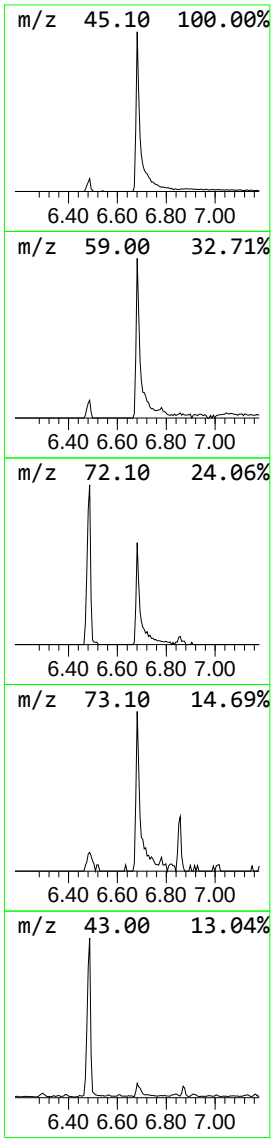
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.681	3.03 ng	182685	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
3	Methoxymethyl isothiocyanate	103	C3H5NOS	019900-84-6	42
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	39
5	Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
Data File : BF122528.D
Acq On : 1 Dec 2020 18:31
Operator : JU/CG
Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B47-113020-10-12.75

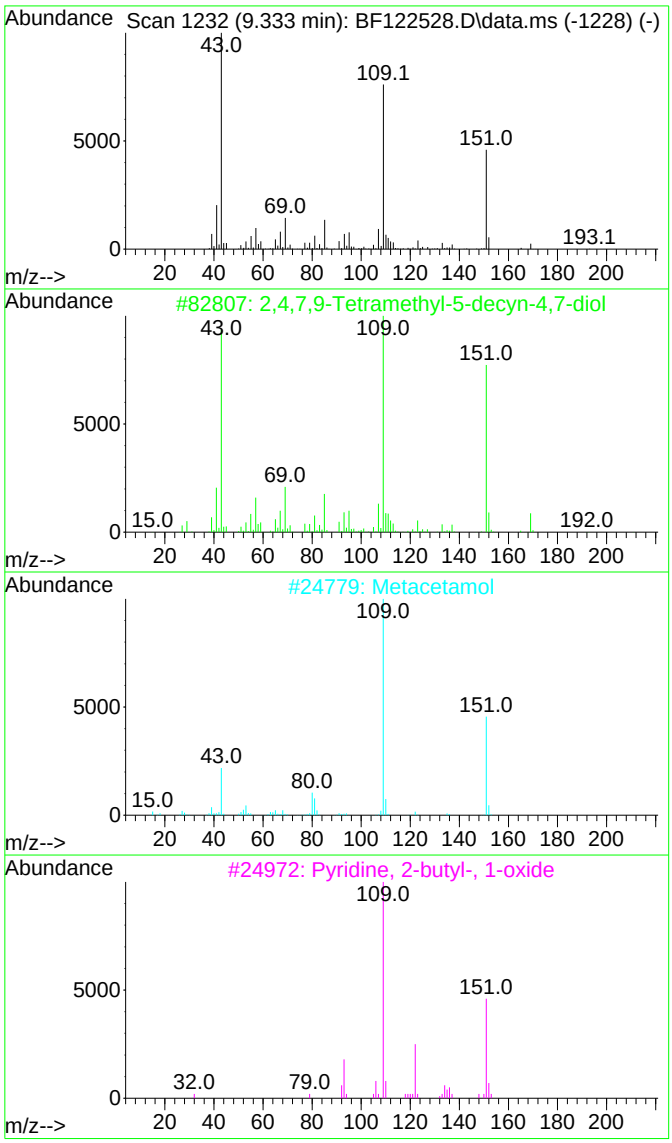
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

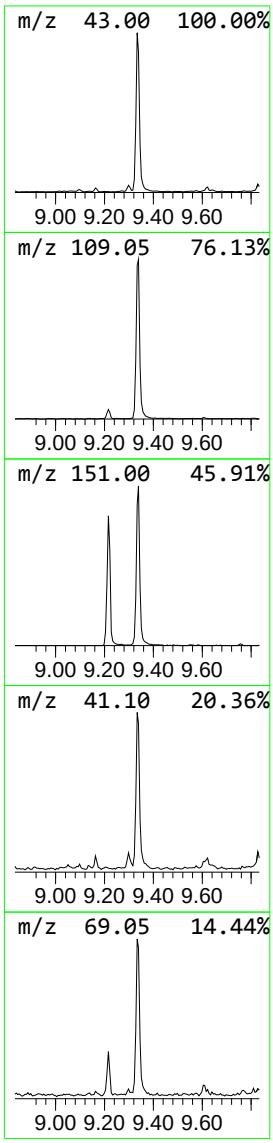
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.333	10.69 ng	1015710	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	64
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
Data File : BF122528.D
Acq On : 1 Dec 2020 18:31
Operator : JU/CG
Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

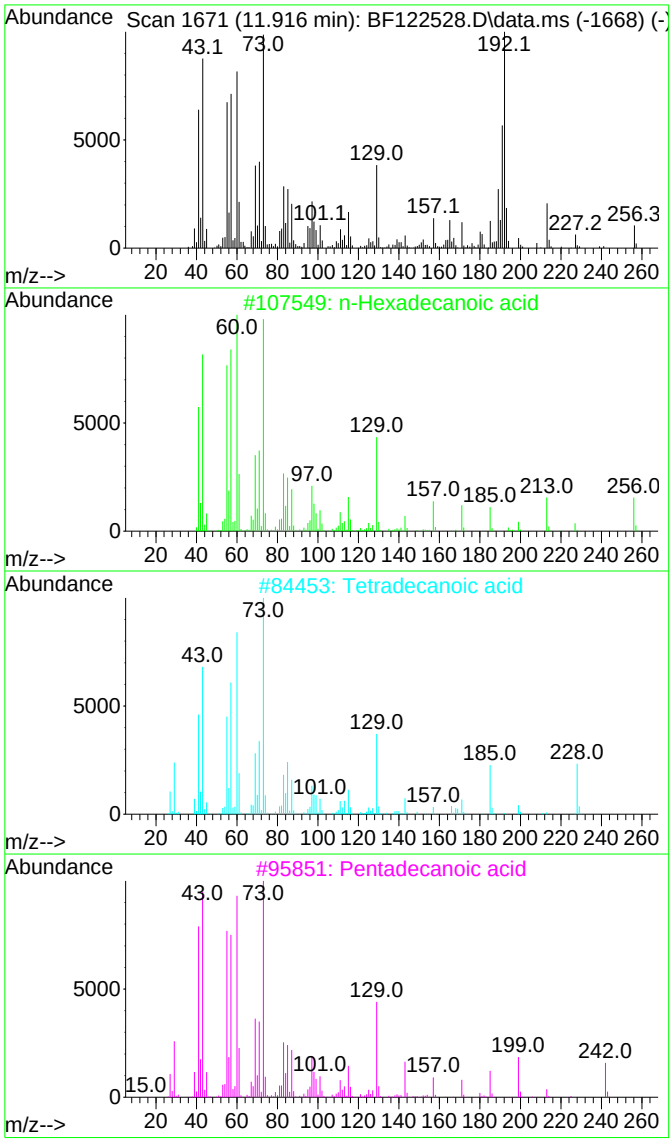
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

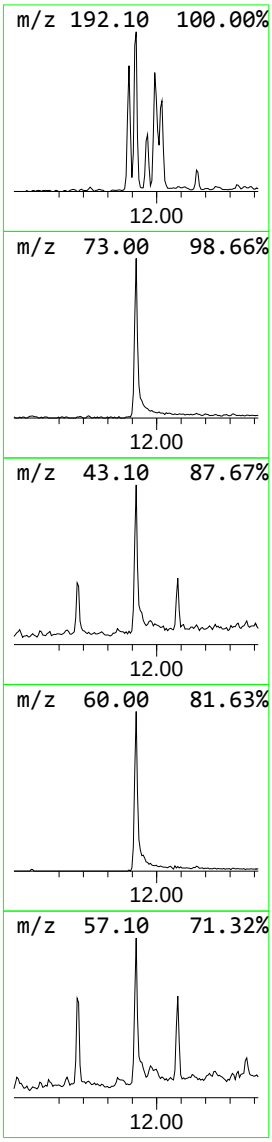
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	6.77 ng	681695	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
Data File : BF122528.D
Acq On : 1 Dec 2020 18:31
Operator : JU/CG
Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75

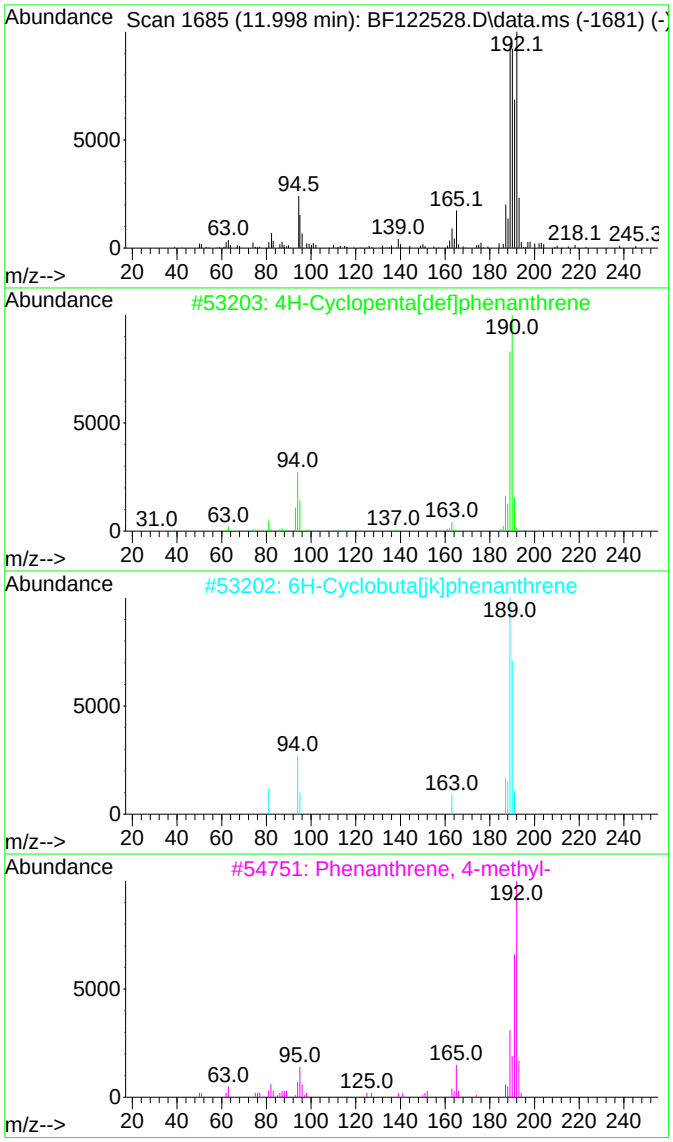
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

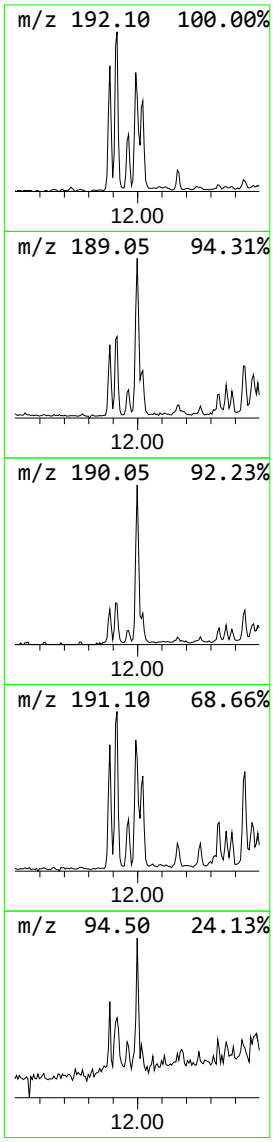
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	2.58 ng	259570	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	41
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
Data File : BF122528.D
Acq On : 1 Dec 2020 18:31
Operator : JU/CG
Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

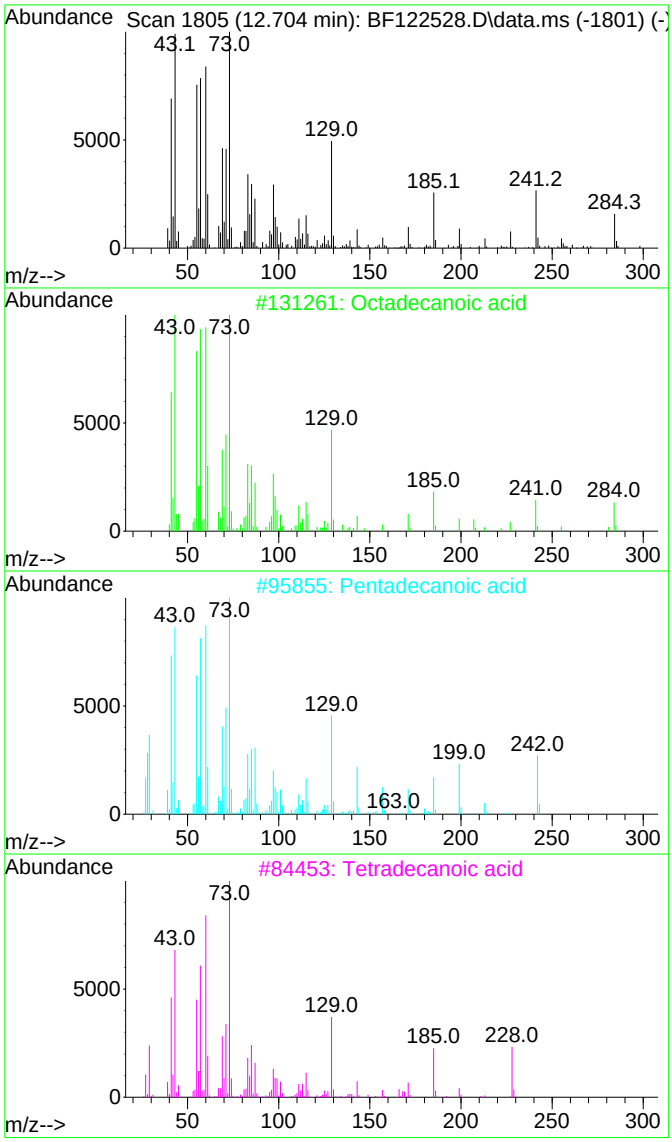
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

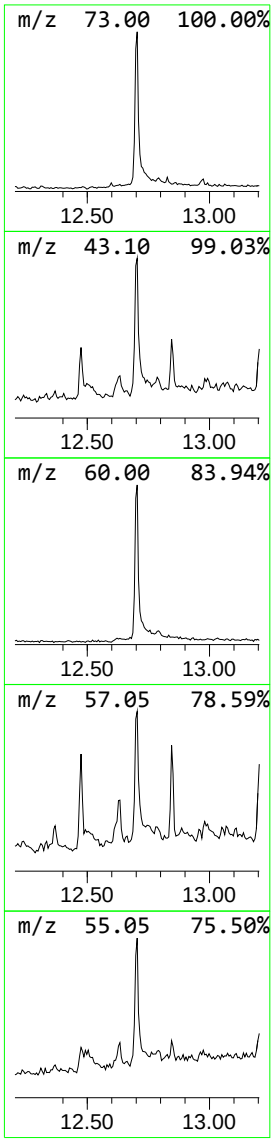
****

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	5.86 ng	590245	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Octadecane	254	C18H38	000593-45-3	25





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Data File : BF122528.D
Acq On : 1 Dec 2020 18:31
Operator : JU/CG
Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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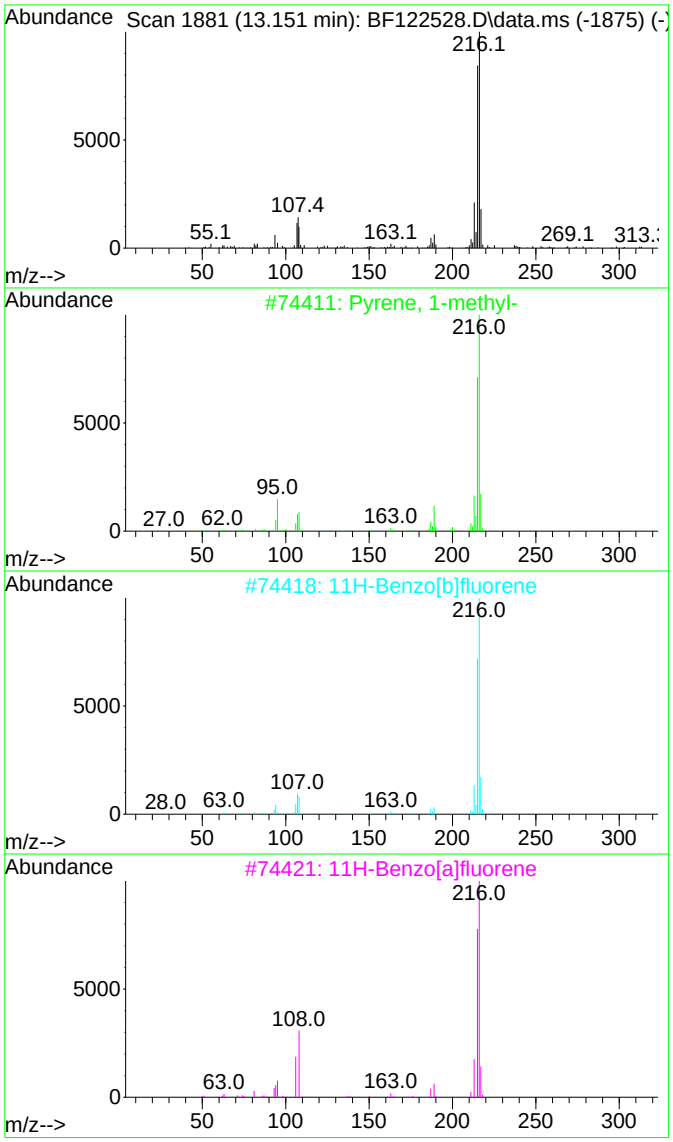
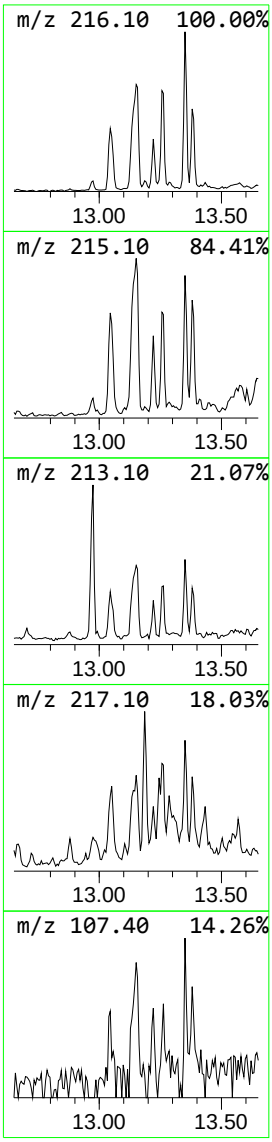
Peak Number 7 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	2.77 ng	331416	Chrysene-d12	14.027

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	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PAV-B47-113020-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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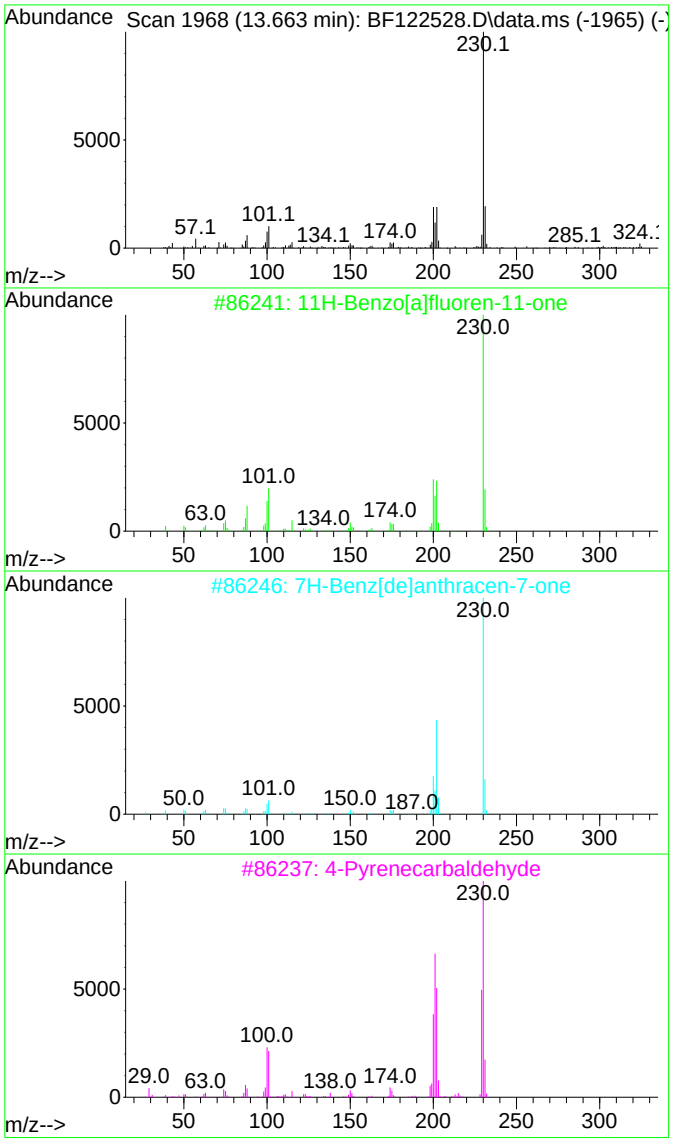
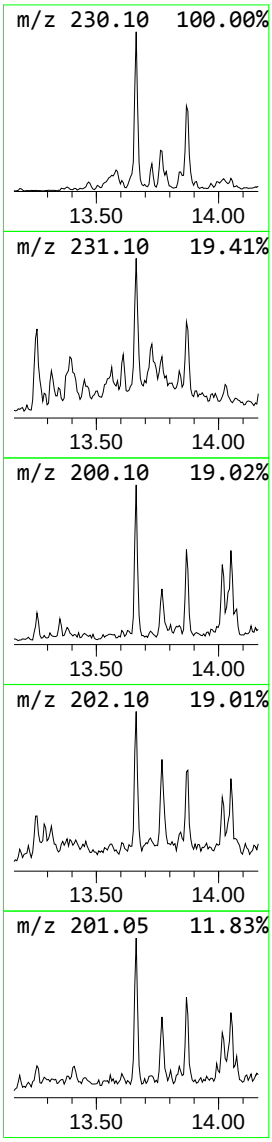
Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.663	2.34 ng	280536	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	83
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	o-Terphenyl	230	C18H14	000084-15-1	72





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Operator : JU/CG
Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B47-113020-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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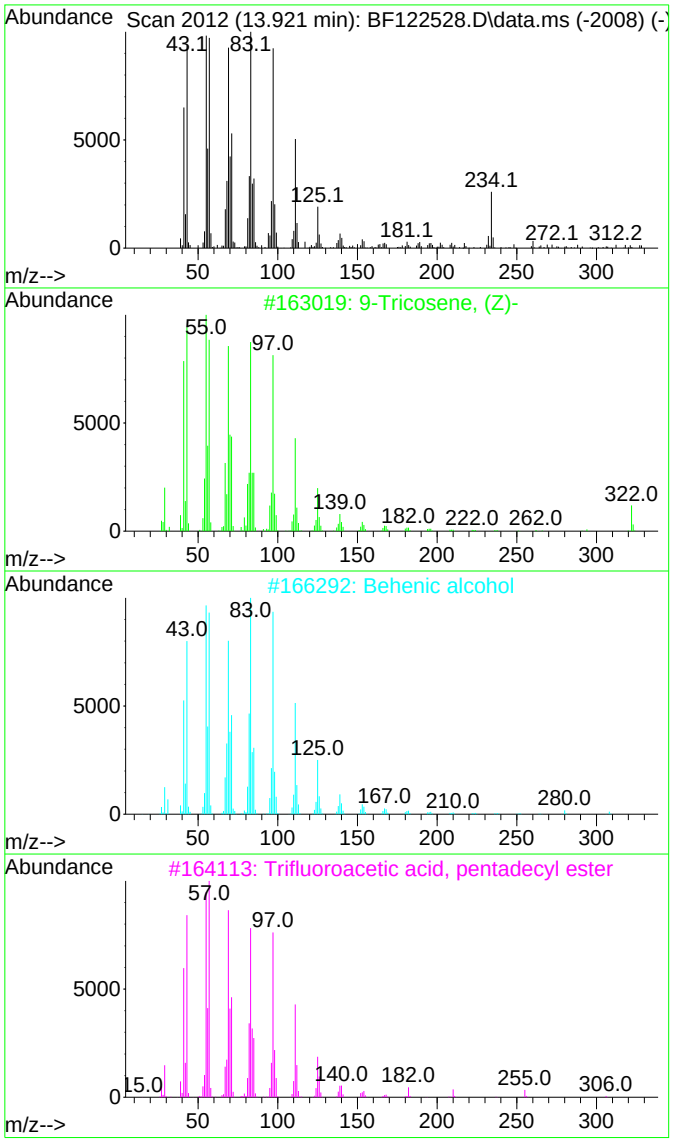
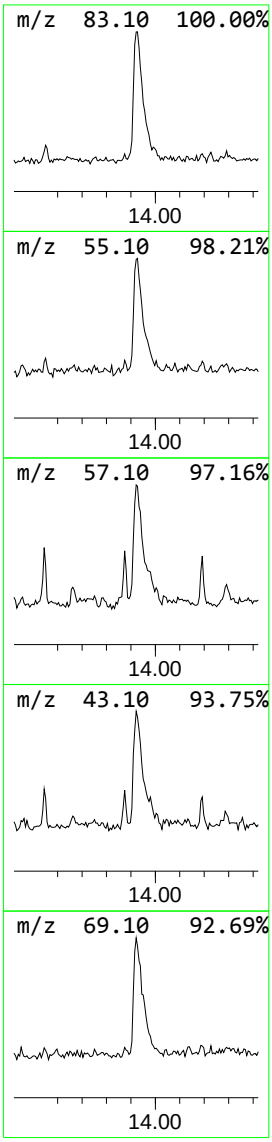
Peak Number 9 9-Tricosene, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.921	7.30 ng	874499	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	1-Nonadecene	266	C19H38	018435-45-5	90





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Operator : JU/CG
Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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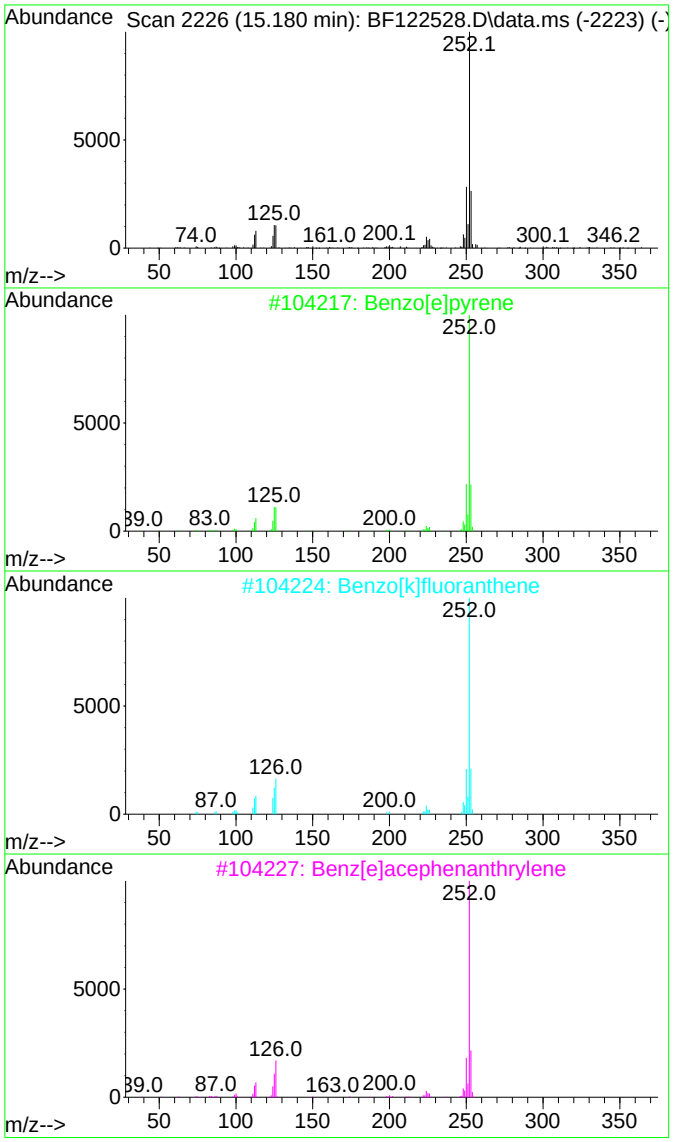
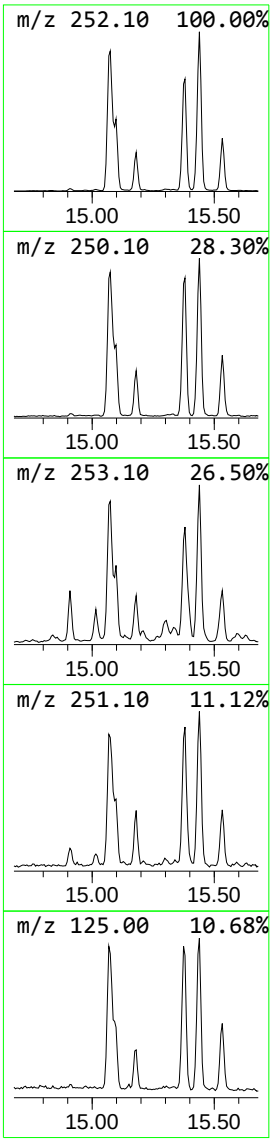
Peak Number 10 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	3.07 ng	240361	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	76





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Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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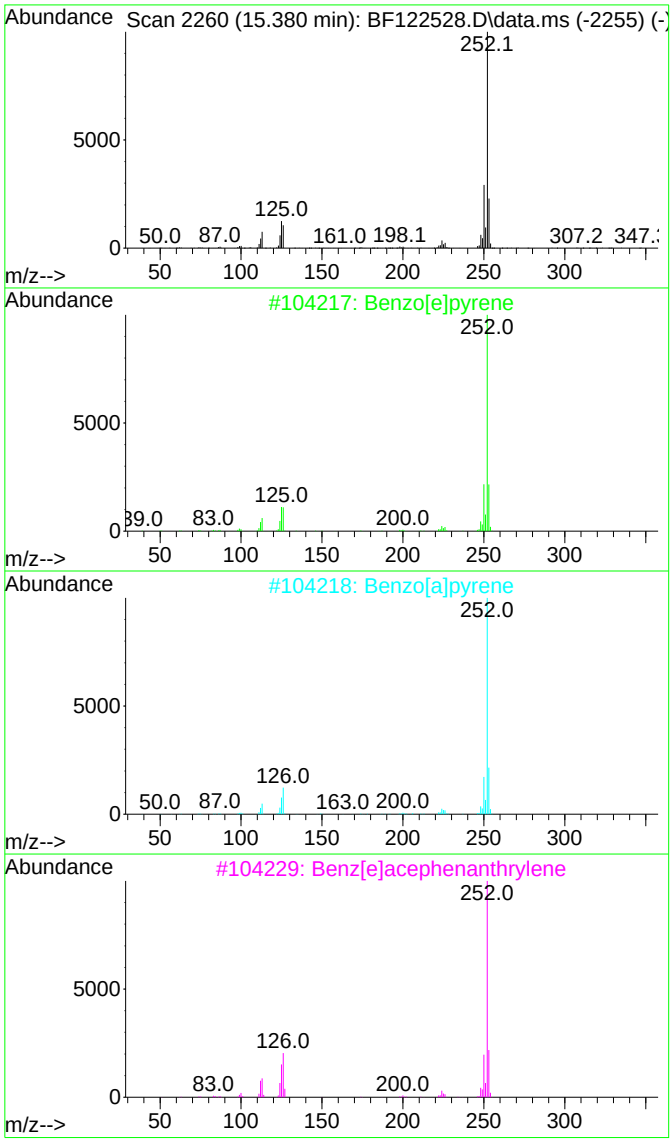
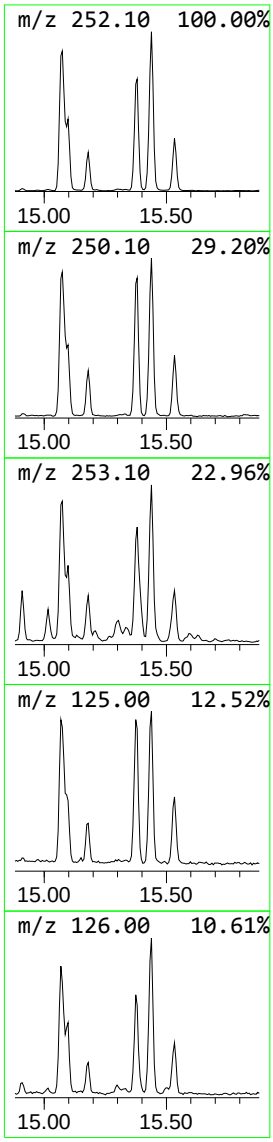
Peak Number 11 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	12.71 ng	995462	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





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Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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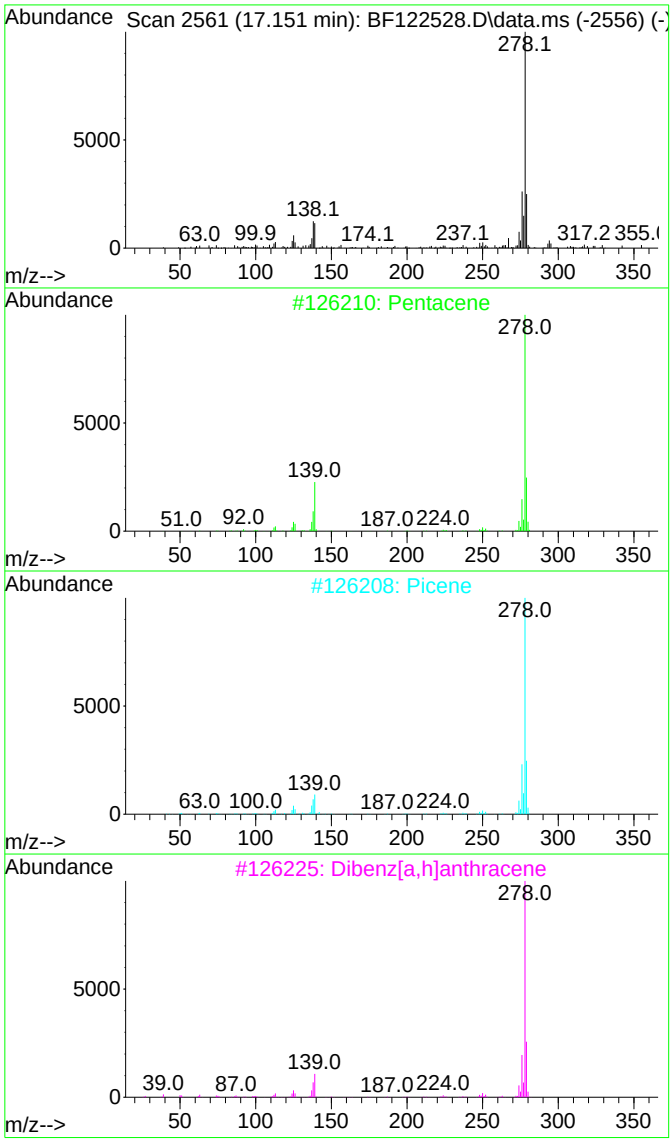
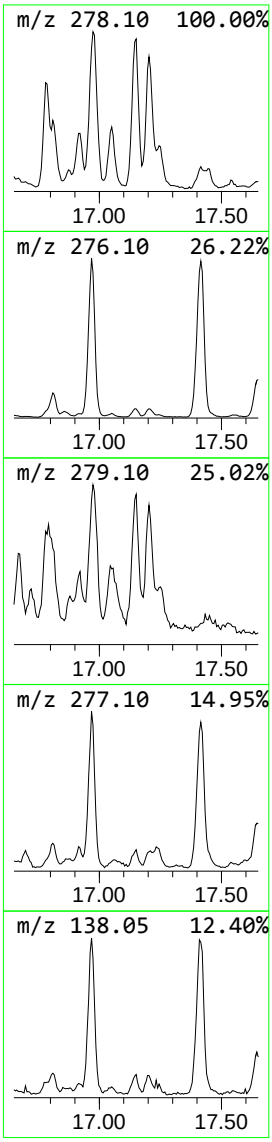
Peak Number 12 Pentacene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.151	2.38 ng	186626	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacene	278	C22H14	000135-48-8	96
2	Picene	278	C22H14	000213-46-7	93
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	90
5	Pentaphene	278	C22H14	000222-93-5	89





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Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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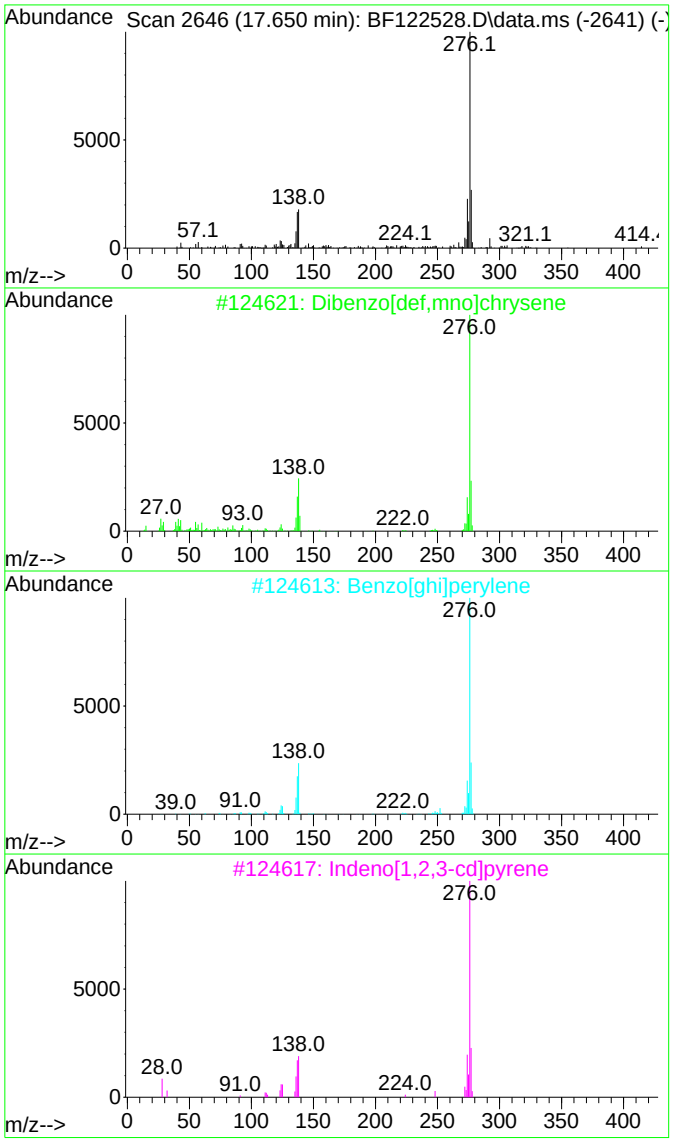
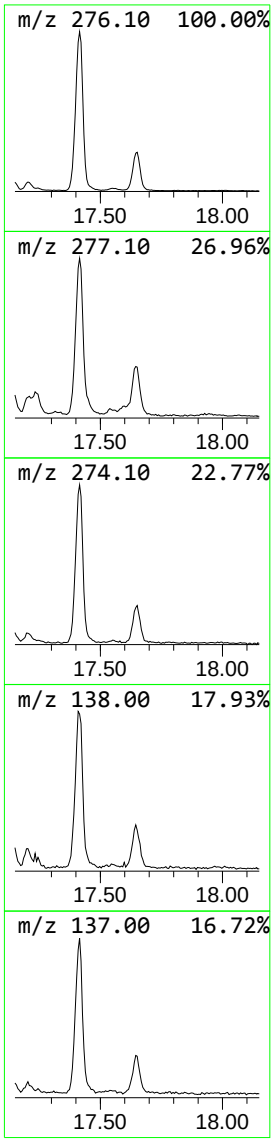
Peak Number 13 Dibenzo[def,mno]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	4.38 ng	343473	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
4	Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	52
5	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	47





Tentatively Identified Compound (LSC) summary

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Data File : BF122528.D
Acq On : 1 Dec 2020 18:31
Operator : JU/CG
Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B47-113020-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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...	2.122	2.4	ng	143003	1	6.857	1205030	20.0
Ethanol, 2-(2-e...	6.681	3.0	ng	182685	1	6.857	1205030	20.0
2,4,7,9-Tetrame...	9.333	10.7	ng	1015710	3	9.898	1901180	20.0
n-Hexadecanoic ...	11.916	6.8	ng	681695	4	11.386	2014810	20.0
4H-Cyclopenta[d...	11.998	2.6	ng	259570	4	11.386	2014810	20.0
Octadecanoic acid	12.704	5.9	ng	590245	4	11.386	2014810	20.0
Pyrene, 1-methyl-	13.151	2.8	ng	331416	5	14.027	2397080	20.0
11H-Benzo[a]flu...	13.663	2.3	ng	280536	5	14.027	2397080	20.0
9-Tricosene, (Z)-	13.921	7.3	ng	874499	5	14.027	2397080	20.0
Benzo[e]pyrene	15.180	3.1	ng	240361	6	15.504	1567020	20.0
Perylene	15.380	12.7	ng	995462	6	15.504	1567020	20.0
Pentacene	17.151	2.4	ng	186626	6	15.504	1567020	20.0
Dibenzo[def,mno...	17.651	4.4	ng	343473	6	15.504	1567020	20.0