LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120477.D
Acq On : 1 Jun 2020 18:01
Operator : JU/CG
Sample : L2773-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NMDUP04-COMP-2020-0-6

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-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.963	10	13	28	rVV	730214	983304	15.95%	1.207%
2	2.081	28	33	49	rVB	629866	826039	13.40%	1.014%
3	5.463	603	608	611	rBV	4791342	5249219	85.12%	6.445%
4	6.481	775	781	784	rBV	4773242	5439460	88.21%	6.678%
5	6.669	810	813	819	rBV	269810	250882	4.07%	0.308%
6	6.839	839	842	846	rBV	1492595	1300845	21.10%	1.597%
7	6.998	865	869	872	rBV	4905183	4643504	75.30%	5.701%
8	7.404	933	938	941	rBV	3512303	3730039	60.49%	4.580%
9	8.122	1056	1060	1063	rBV	1971797	1608158	26.08%	1.974%
10	8.145	1063	1064	1069	rVB	131514	66907	1.08%	0.082%
11	8.833	1178	1181	1184	rVB	83841	63937	1.04%	0.078%
12	8.933	1195	1198	1201	rVB	84739	64717	1.05%	0.079%
13	9.204	1238	1244	1247	rBV	6065059	6166579	100.00%	7.571%
14	9.316	1258	1263	1271	rVB	1323087	1263475	20.49%	1.551%
15	9.533	1297	1300	1303	rBV	79498	74169	1.20%	0.091%
16	9.592	1306	1310	1313	rVV	896240	700507	11.36%	0.860%
17	9.627	1313	1316	1319	rVV	430981	334368	5.42%	0.411%
18	9.739	1330	1335	1339	rVB	102939	95131	1.54%	0.117%
19	9.875	1353	1358	1361	rBV	1803178	1652955	26.81%	2.029%
20	9.910	1361	1364	1367	rVB	437559	326347	5.29%	0.401%
21	10.080	1389	1393	1396	rBV	209163	175310	2.84%	0.215%
22	10.422	1448	1451	1455	rBV	334140	273572	4.44%	0.336%
23	10.463	1455	1458	1461	rBV2	162459	184537	2.99%	0.227%
24	10.580	1476	1478	1484	rVB	92081	76404	1.24%	0.094%
25	10.669	1488	1493	1496	rBV	3592368	3465712	56.20%	4.255%
26	10.786	1509	1513	1516	rBV4	62359	66326	1.08%	0.081%
27	10.969	1538	1544	1547	rBV3	78560	121031	1.96%	0.149%
28	10.998	1547	1549	1552	rBV3	49547	66240	1.07%	0.081%
29	11.163	1574	1577	1581	rVB	134437	125416	2.03%	0.154%
30	11.221	1581	1587	1591	rBV4	72938	137392	2.23%	0.169%
31	11.257	1591	1593	1598	rVB	165499	141341	2.29%	0.174%
32	11.310	1599	1602	1605	rBV2	65407	61764	1.00%	0.076%
33	11.363	1605	1611	1613	rBV	1707773	1553383	25.19%	1.907%
34	11.386	1613	1615	1618	rVV	2694392	2224312	36.07%	2.731%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120477.D
Acq On : 1 Jun 2020 18:01
Operator : JU/CG
Sample : L2773-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NMDUP04-COMP-2020-0-6

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-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.439	1618	1624	1627	rVV	657789	641742	10.41%	0.788%
36	11.469	1627	1629	1632	rVB2	83160	70851	1.15%	0.087%
37	11.592	1644	1650	1653	rBV2	266979	349133	5.66%	0.429%
38	11.657	1659	1661	1665	rBV2	76163	79473	1.29%	0.098%
39	11.821	1685	1689	1691	rBV2	113455	121837	1.98%	0.150%
40	11.863	1692	1696	1698	rVV	441311	455813	7.39%	0.560%
41	11.892	1698	1701	1705	rVV	722817	610002	9.89%	0.749%
42	11.939	1705	1709	1711	rVV	190571	184700	3.00%	0.227%
43	11.974	1711	1715	1718	rVV	594977	665769	10.80%	0.817%
44	11.998	1718	1719	1722	rVB	270001	148354	2.41%	0.182%
45	12.157	1743	1746	1748	rBV	247403	208392	3.38%	0.256%
46	12.180	1748	1750	1754	rVB	241792	192896	3.13%	0.237%
47	12.310	1769	1772	1774	rVB	84849	65076	1.06%	0.080%
48	12.416	1786	1790	1793	rBV	249074	310477	5.03%	0.381%
49	12.451	1793	1796	1798	rVV2	143638	143248	2.32%	0.176%
50	12.498	1801	1804	1809	rVB3	193755	222766	3.61%	0.274%
51	12.580	1811	1818	1821	rVB	3053745	3133580	50.82%	3.847%
52	12.610	1821	1823	1826	rBV3	94792	99893	1.62%	0.123%
53	12.704	1835	1839	1840	rBV2	71242	80437	1.30%	0.099%
54	12.727	1840	1843	1846	rVV2	120201	141915	2.30%	0.174%
55	12.810	1850	1857	1862	rVV2	2739804	3223091	52.27%	3.957%
56	12.851	1862	1864	1869	rVB2	143638	159273	2.58%	0.196%
57	12.921	1869	1876	1877	rBV	196351	215858	3.50%	0.265%
58	12.951	1877	1881	1887	rVB	5345538	5511807	89.38%	6.767%
59	13.027	1888	1894	1897	rBV2	210220	373866	6.06%	0.459%
60	13.110	1905	1908	1909	rBV2	126822	128193	2.08%	0.157%
61	13.133	1909	1912	1915	rVB	504609	451334	7.32%	0.554%
62	13.198	1920	1923	1926	rVV	345612	267341	4.34%	0.328%
63	13.233	1926	1929	1932	rVV2	291335	313559	5.08%	0.385%
64	13.263	1932	1934	1937	rVB	117617	89592	1.45%	0.110%
65	13.292	1937	1939	1942	rBV3	75962	77052	1.25%	0.095%
66	13.327	1942	1945	1948	rVB	176440	140628	2.28%	0.173%
67	13.357	1948	1950	1954	rBV	196895	172981	2.81%	0.212%
68	13.427	1960	1962	1968	rVB4	149417	169131	2.74%	0.208%
69	13.533	1973	1980	1982	rBV6	117199	254488	4.13%	0.312%
70	13.639	1995	1998	2003	rVB	232847	262306	4.25%	0.322%
71	13.751	2013	2017	2020	rBV2	232014	322900	5.24%	0.396%

LSC Area Percent Report

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Data File : BF120477.D
Acq On : 1 Jun 2020 18:01
Operator : JU/CG
Sample : L2773-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NMDUP04-COMP-2020-0-6

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-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.780	2020	2022	2024	rVV	310737	255401	4.14%	0.314%
73	13.804	2024	2026	2030	rVV2	233566	340351	5.52%	0.418%
74	13.857	2030	2035	2041	rVB3	551876	848908	13.77%	1.042%
75	13.998	2052	2059	2062	rBV4	2282459	3552435	57.61%	4.361%
76	14.027	2062	2064	2070	rVB	1555366	1383645	22.44%	1.699%
77	14.110	2075	2078	2081	rVV	256620	208970	3.39%	0.257%
78	14.186	2089	2091	2094	rVB	163485	152270	2.47%	0.187%
79	14.227	2094	2098	2101	rBV2	151225	203702	3.30%	0.250%
80	14.351	2117	2119	2121	rBV	102612	92180	1.49%	0.113%
81	14.386	2123	2125	2128	rVV	318432	297467	4.82%	0.365%
82	14.421	2129	2131	2134	rVB	201436	160929	2.61%	0.198%
83	14.480	2138	2141	2145	rVV4	201195	378154	6.13%	0.464%
84	14.533	2148	2150	2154	rVB3	169774	156771	2.54%	0.192%
85	15.039	2232	2236	2243	rBV	1157126	2194159	35.58%	2.694%
86	15.115	2246	2249	2251	rVV	211741	219749	3.56%	0.270%
87	15.145	2251	2254	2265	rVB	315929	522055	8.47%	0.641%
88	15.339	2283	2287	2293	rVB	709159	888448	14.41%	1.091%
89	15.398	2293	2297	2303	rBV	957129	1205941	19.56%	1.481%
90	15.462	2304	2308	2311	rVV	1027251	1278440	20.73%	1.570%
91	15.492	2311	2313	2319	rVB2	394976	475683	7.71%	0.584%
92	15.927	2384	2387	2393	rVB2	293562	414275	6.72%	0.509%
93	16.909	2549	2554	2560	rBV2	426351	777487	12.61%	0.955%
94	17.098	2580	2586	2591	rBV3	606782	1218690	19.76%	1.496%
95	17.351	2624	2629	2638	rVB	343838	650880	10.55%	0.799%

Sum of corrected areas: 81450026

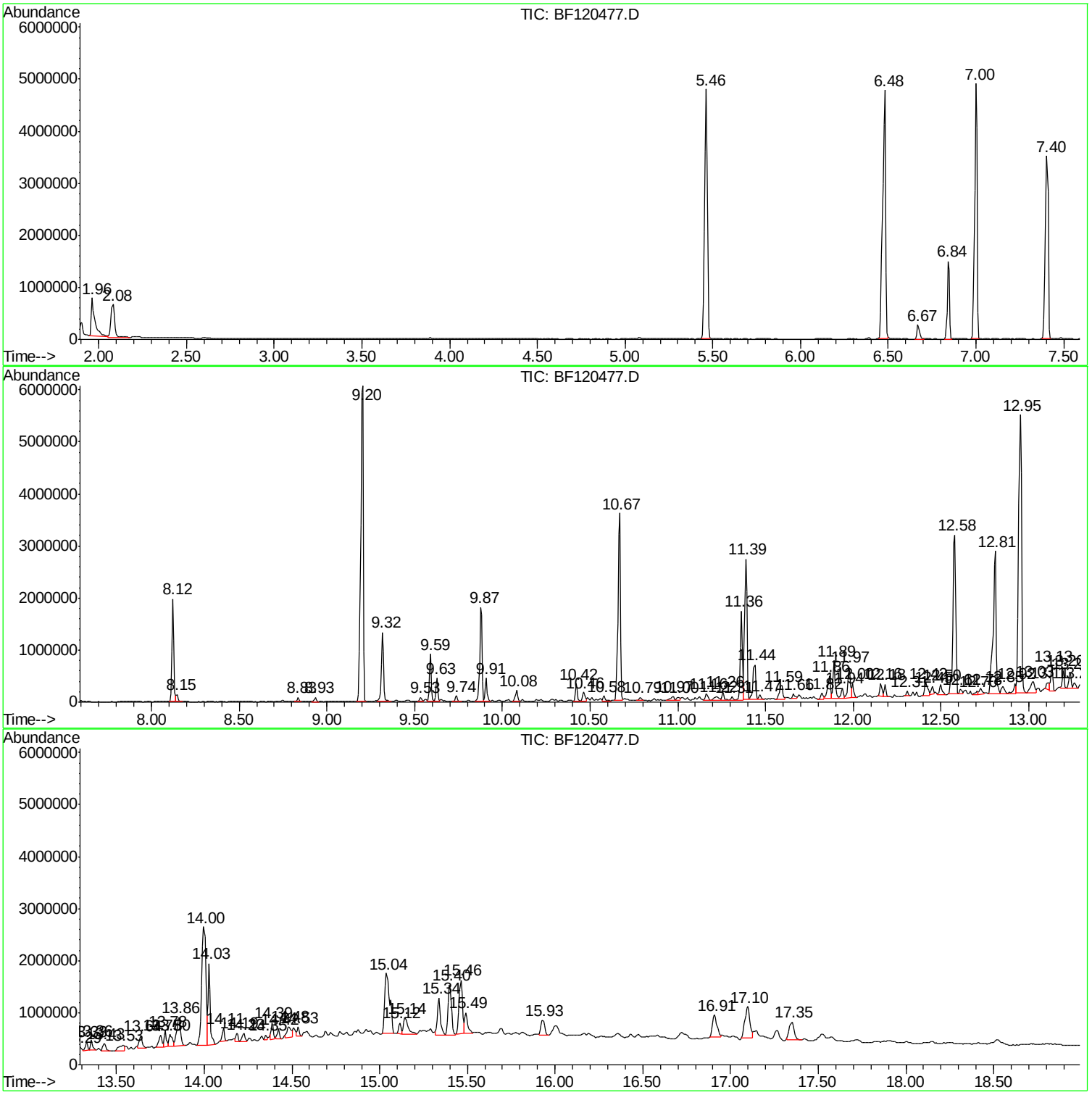
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120477.D
Acq On : 1 Jun 2020 18:01
Operator : JU/CG
Sample : L2773-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NMDUP04-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120477.D
Acq On : 1 Jun 2020 18:01
Operator : JU/CG
Sample : L2773-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NMDUP04-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

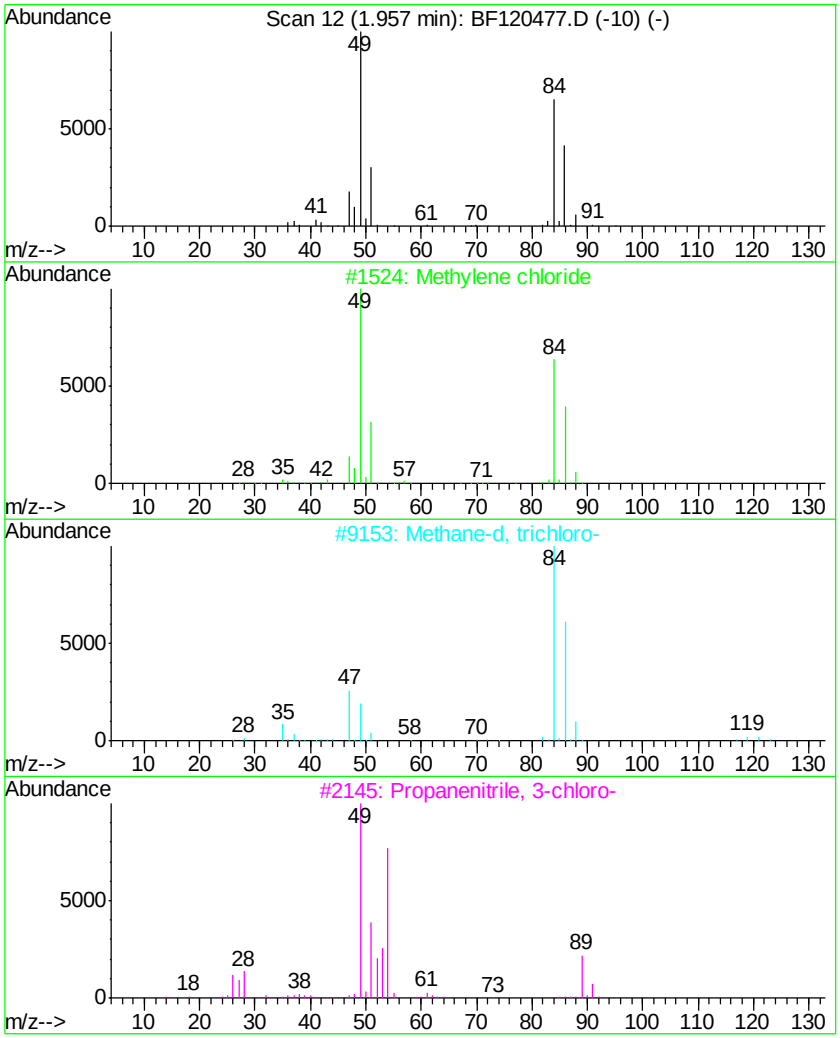
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

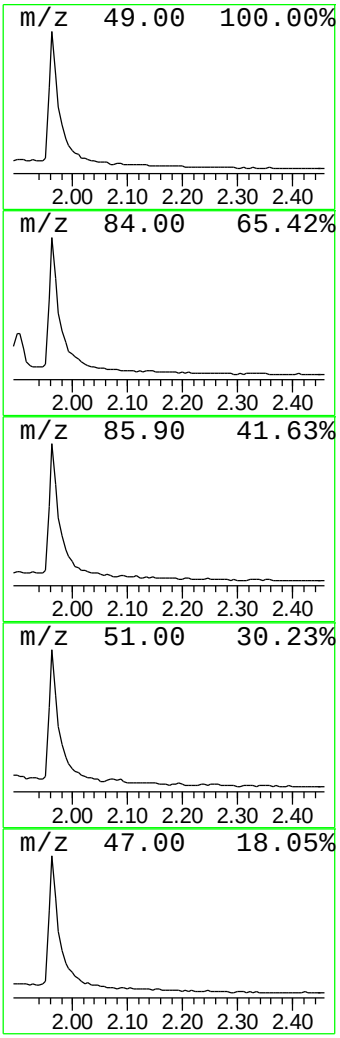
****

Peak Number 1 Methylene chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	15.12 ng	983304	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene chloride	84	CH2Cl2	000075-09-2	95
2	Methane-d, trichloro-	119	CDCl3	000865-49-6	10
3	Propanenitrile, 3-chloro-	89	C3H4ClN	000542-76-7	2
4	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
5	2-Chloroethanol	80	C2H5ClO	000107-07-3	1





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120477.D
Acq On : 1 Jun 2020 18:01
Operator : JU/CG
Sample : L2773-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NMDUP04-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

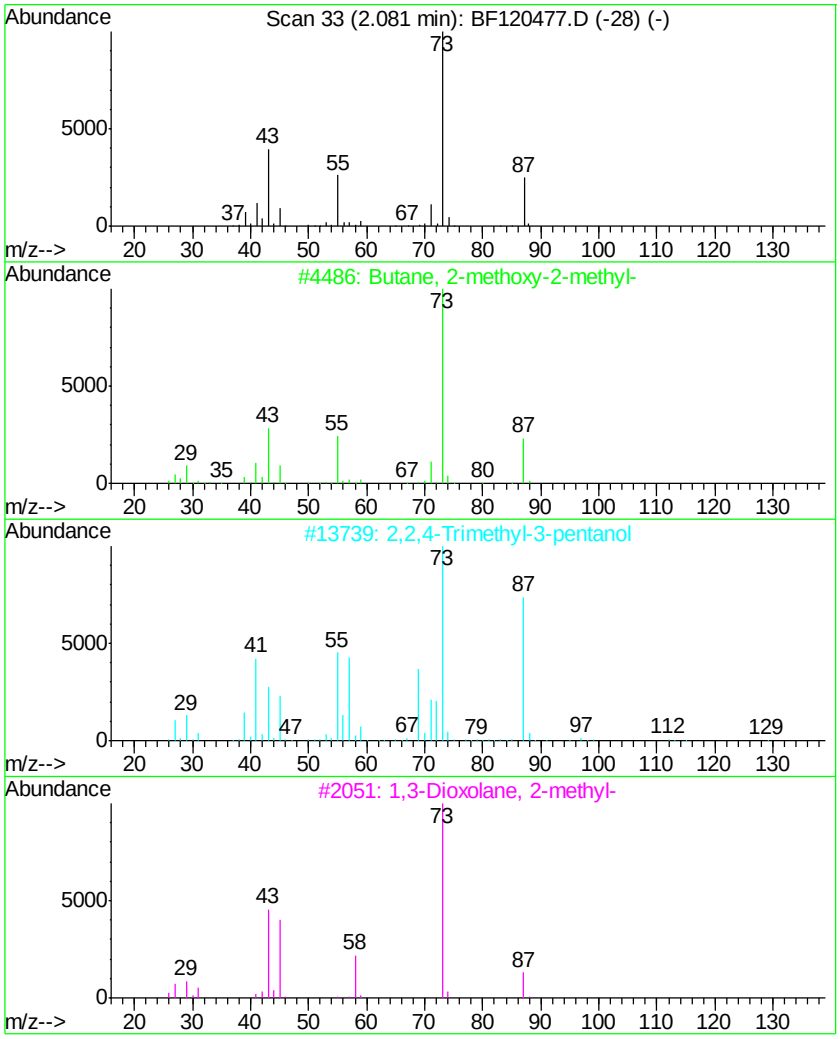
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

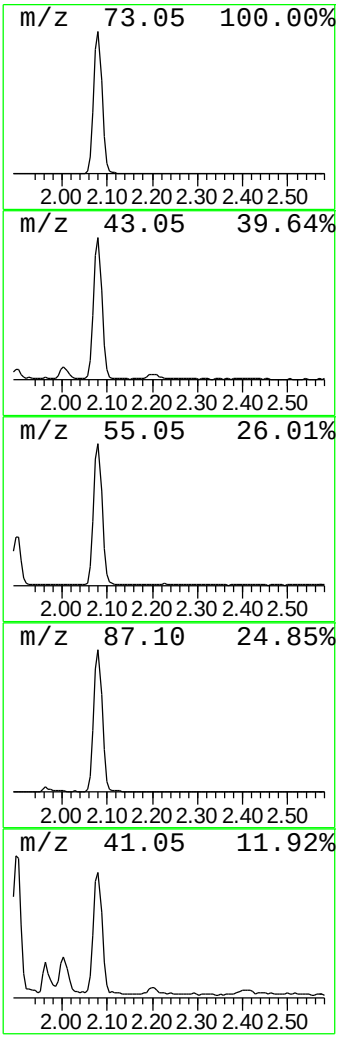
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.08	12.70 ng	826039	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120477.D
Acq On : 1 Jun 2020 18:01
Operator : JU/CG
Sample : L2773-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NMDUP04-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

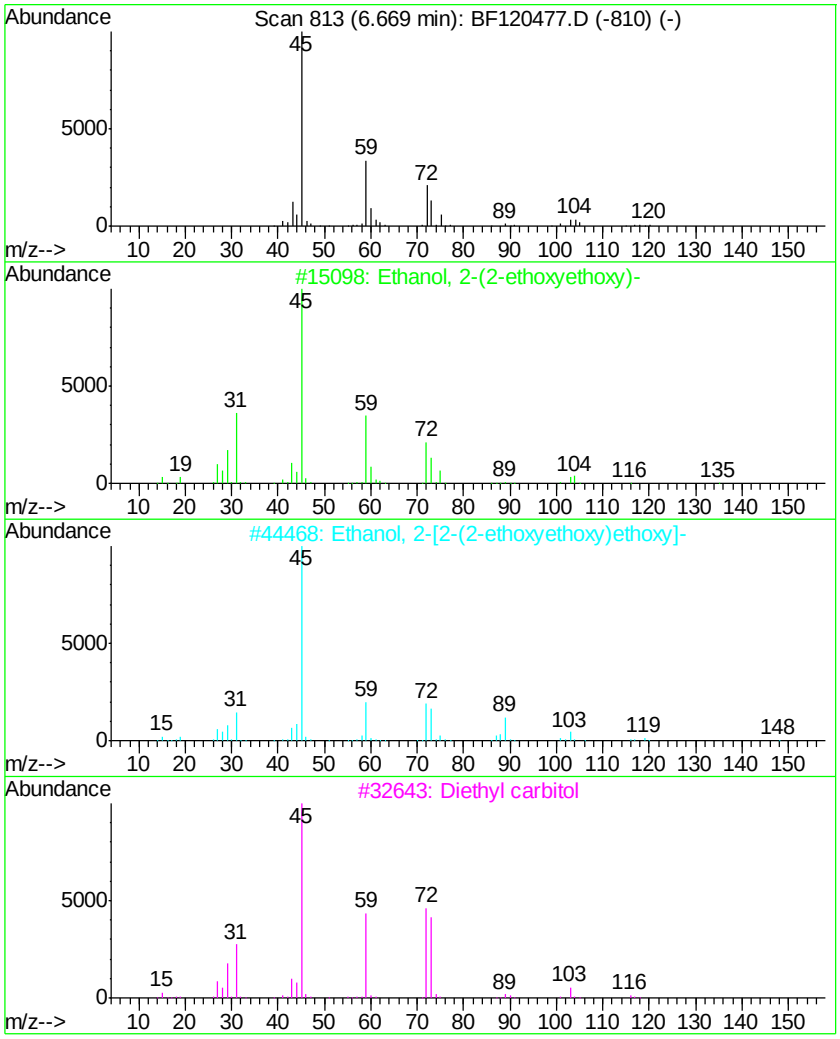
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

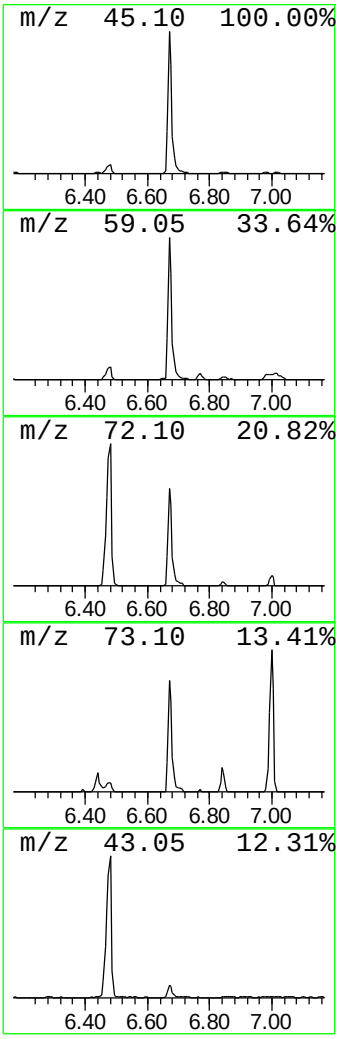
****

Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	3.86 ng	250882	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
3	Diethyl carbitol	162	C8H18O3	000112-36-7	56
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
5	Methoxymethyl isothiocyanate	103	C3H5NOS	019900-84-6	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120477.D
Acq On : 1 Jun 2020 18:01
Operator : JU/CG
Sample : L2773-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NMDUP04-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

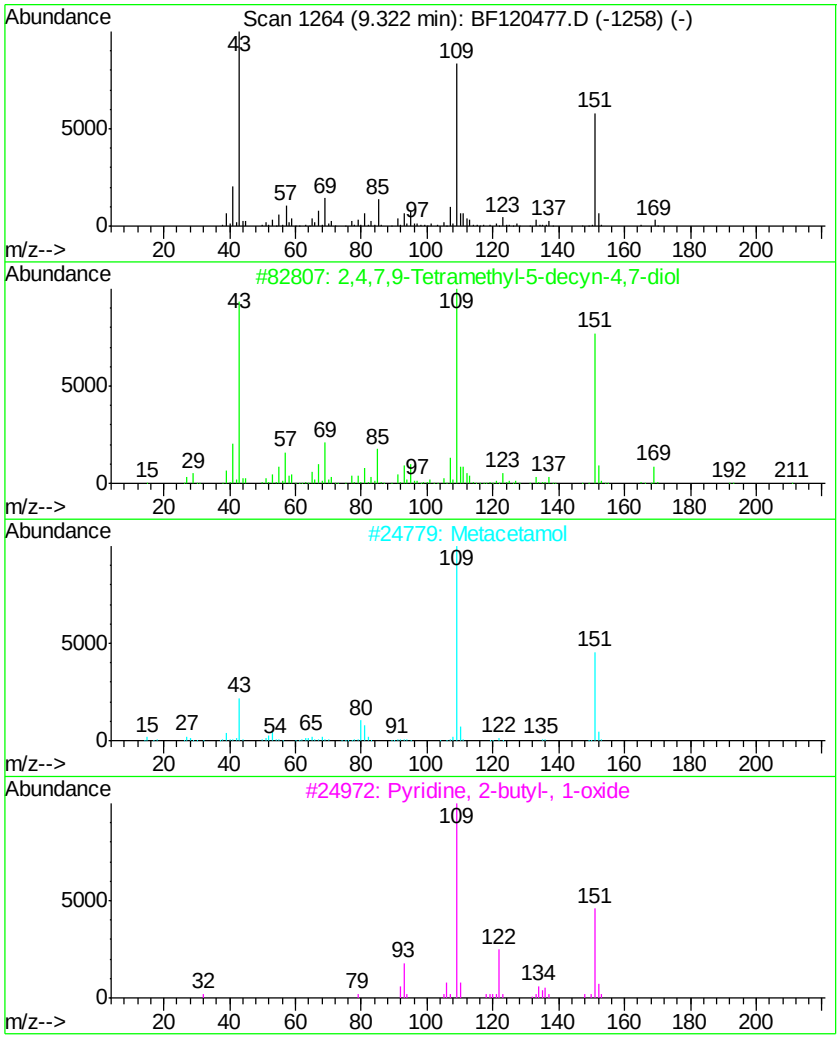
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

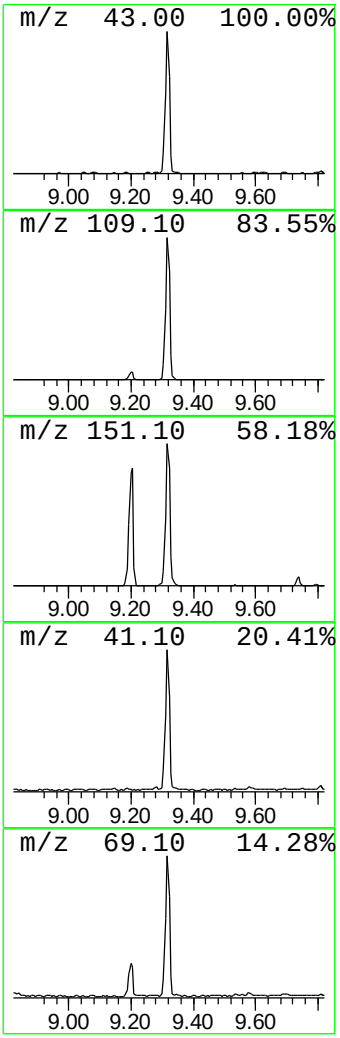
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	15.29 ng	1263480	Acenaphthene-d10	9.87

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	59
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\BF060120\
Data File : BF120477.D
Acq On : 1 Jun 2020 18:01
Operator : JU/CG
Sample : L2773-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NMDUP04-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

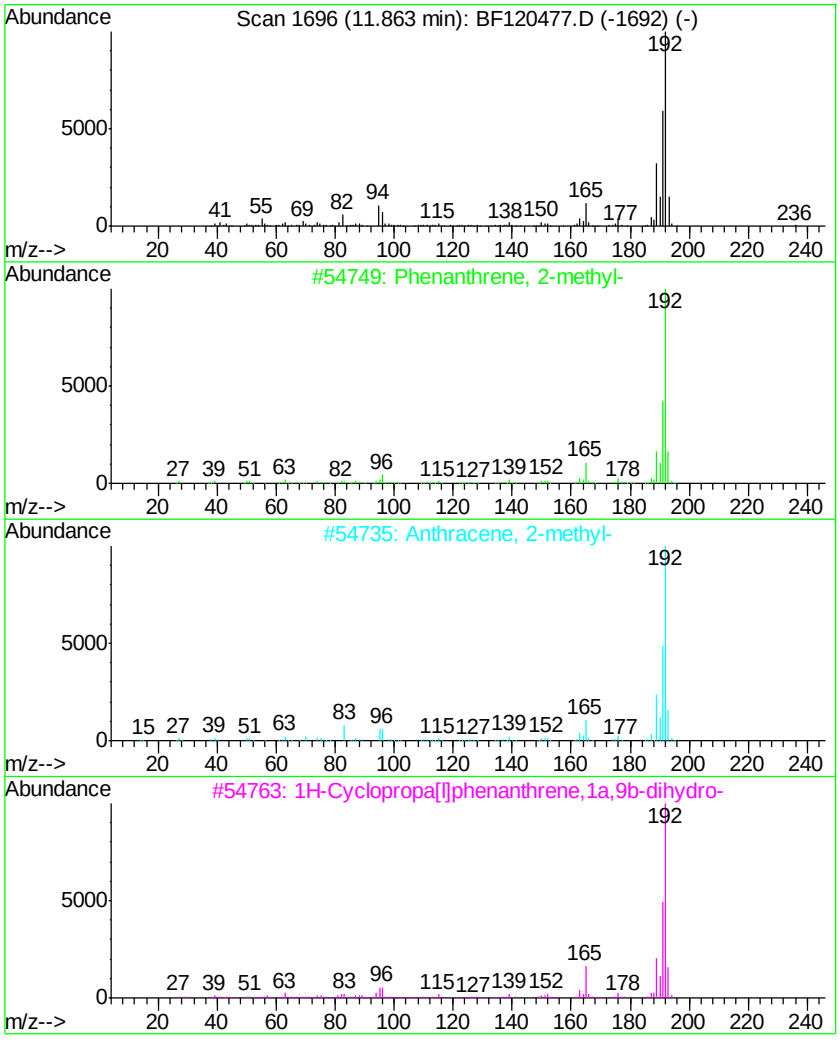
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

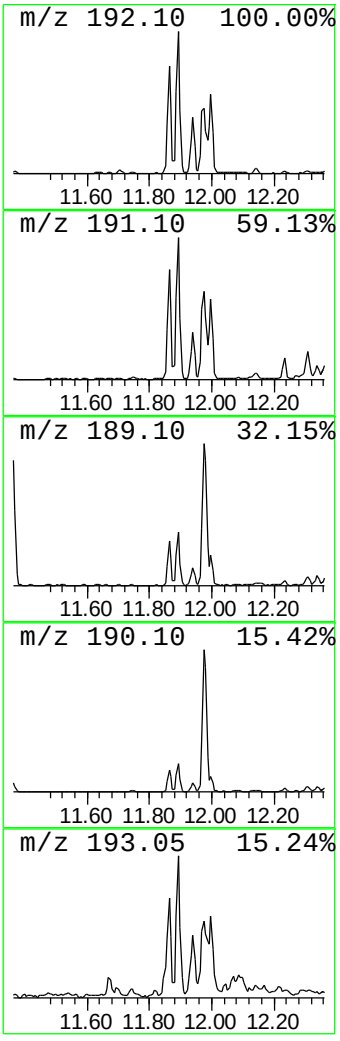
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	5.87 ng	455813	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Acq On : 1 Jun 2020 18:01
Operator : JU/CG
Sample : L2773-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NMDUP04-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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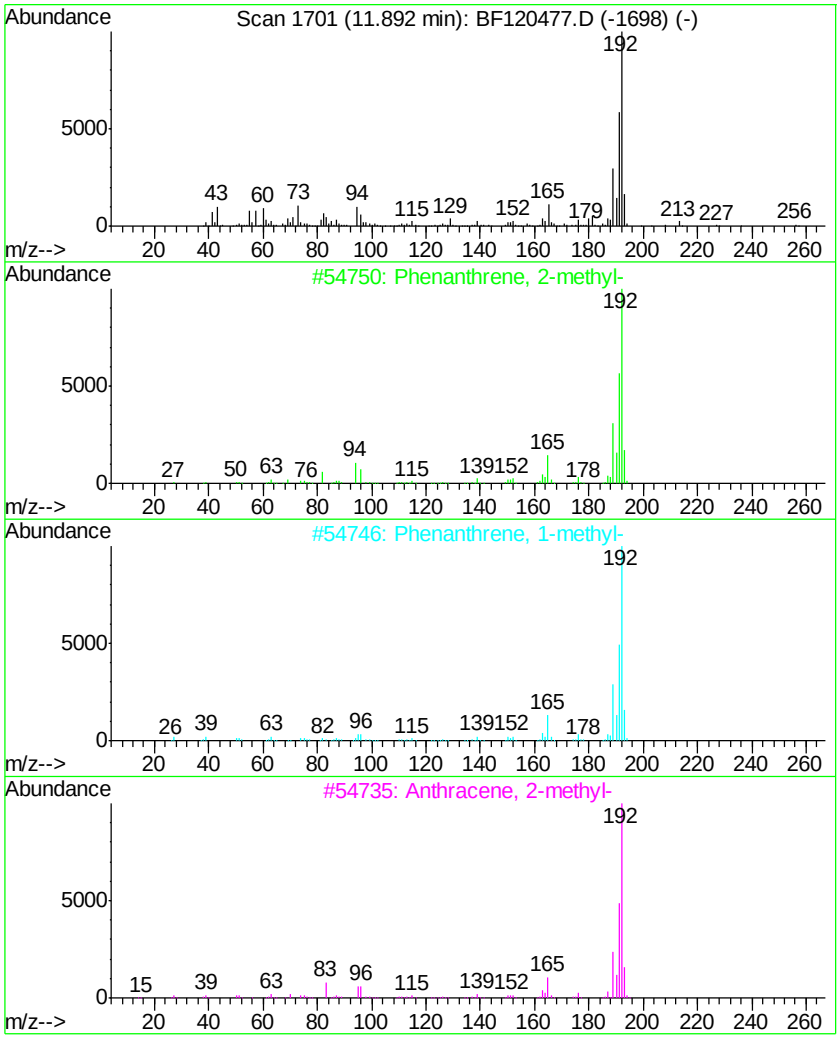
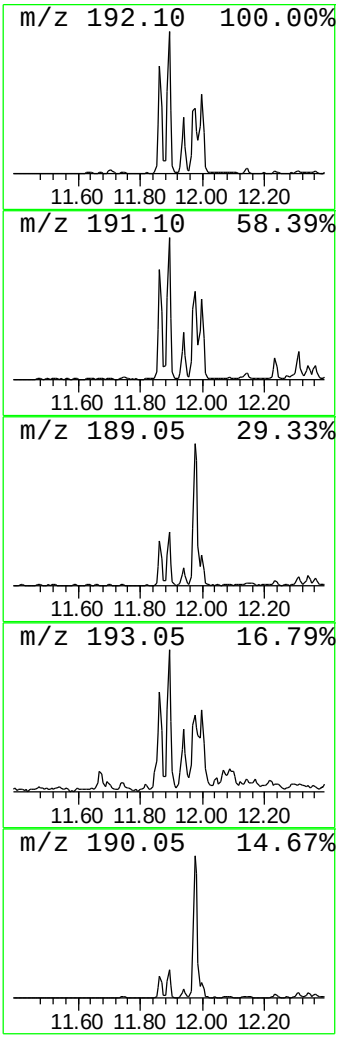
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	7.85 ng	610002	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Library Search Compound Report

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Sample : L2773-06
Misc :
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ClientSampleId :
NMDUP04-COMP-2020-0-6

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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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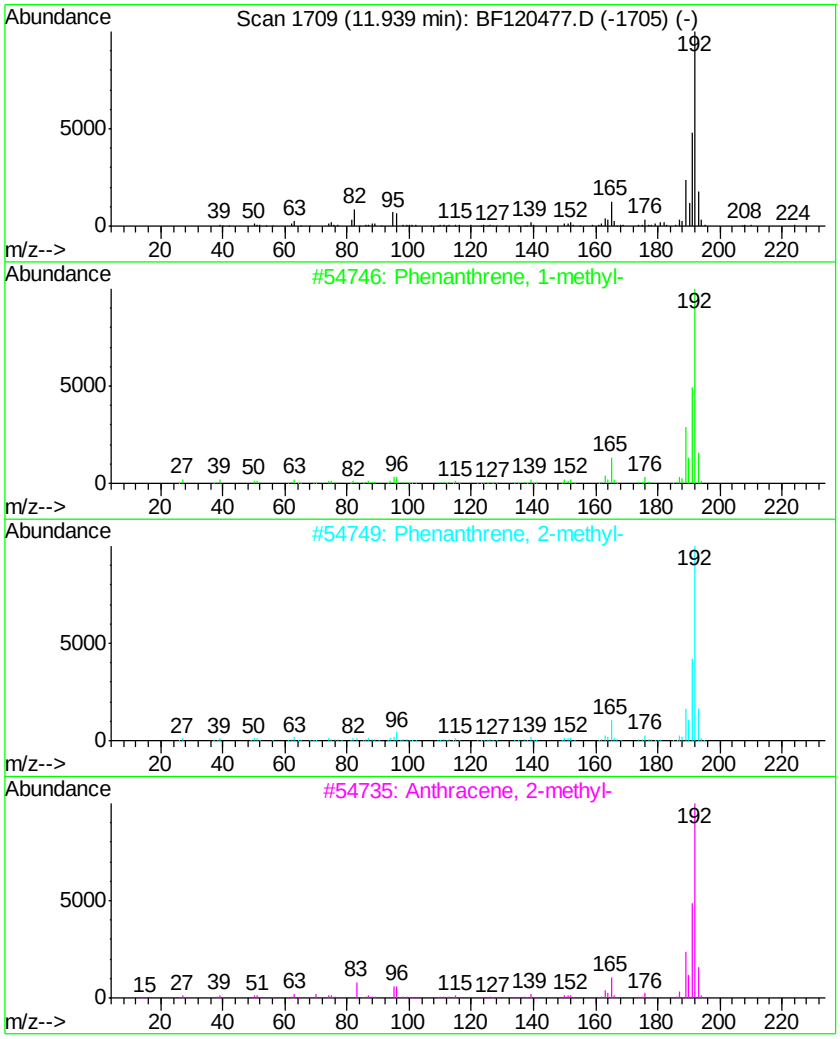
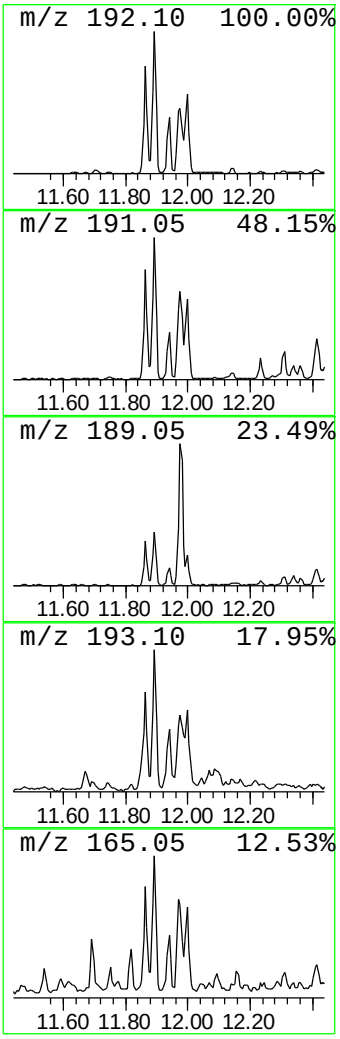
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.38 ng	184700	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Operator : JU/CG
Sample : L2773-06
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ClientSampleId : NMDUP04-COMP-2020-0-6

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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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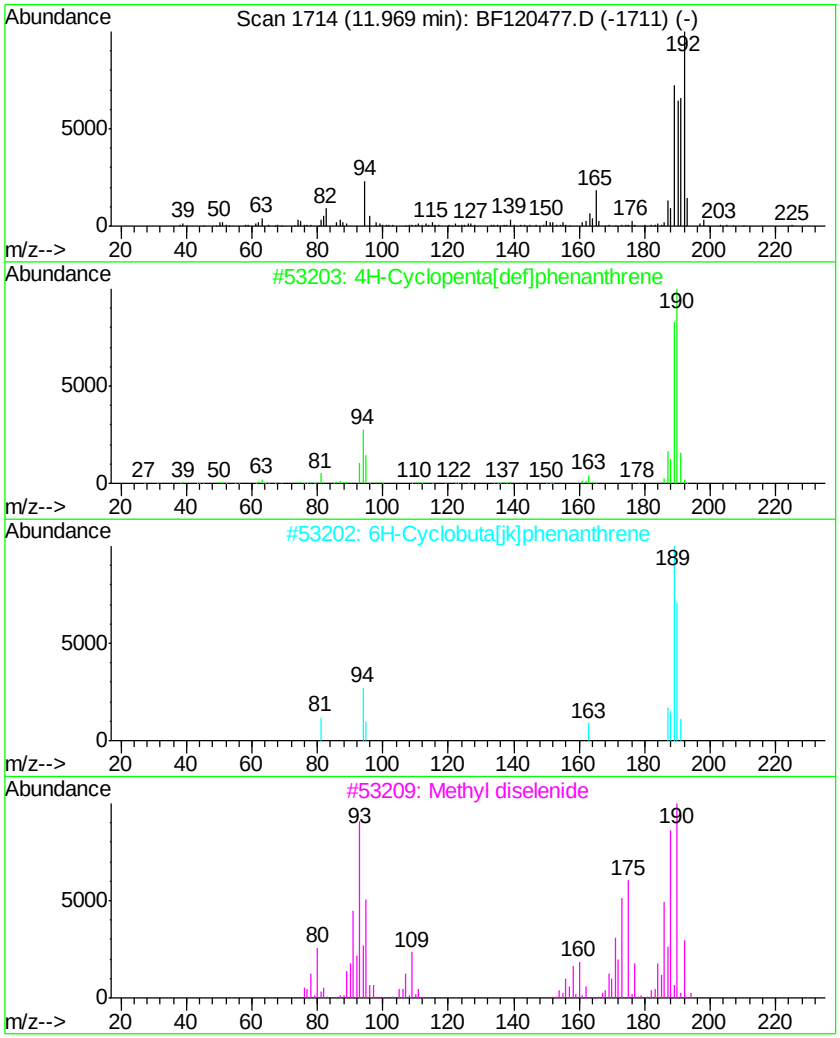
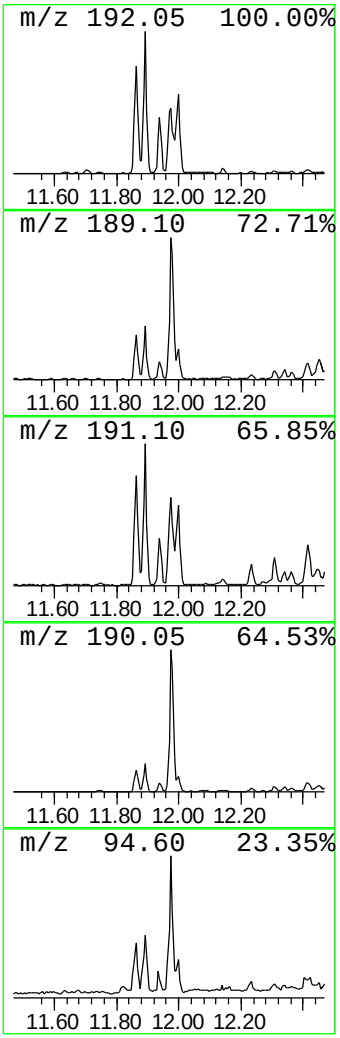
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	8.57 ng	665769	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	22





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Operator : JU/CG
Sample : L2773-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NMDUP04-COMP-2020-0-6

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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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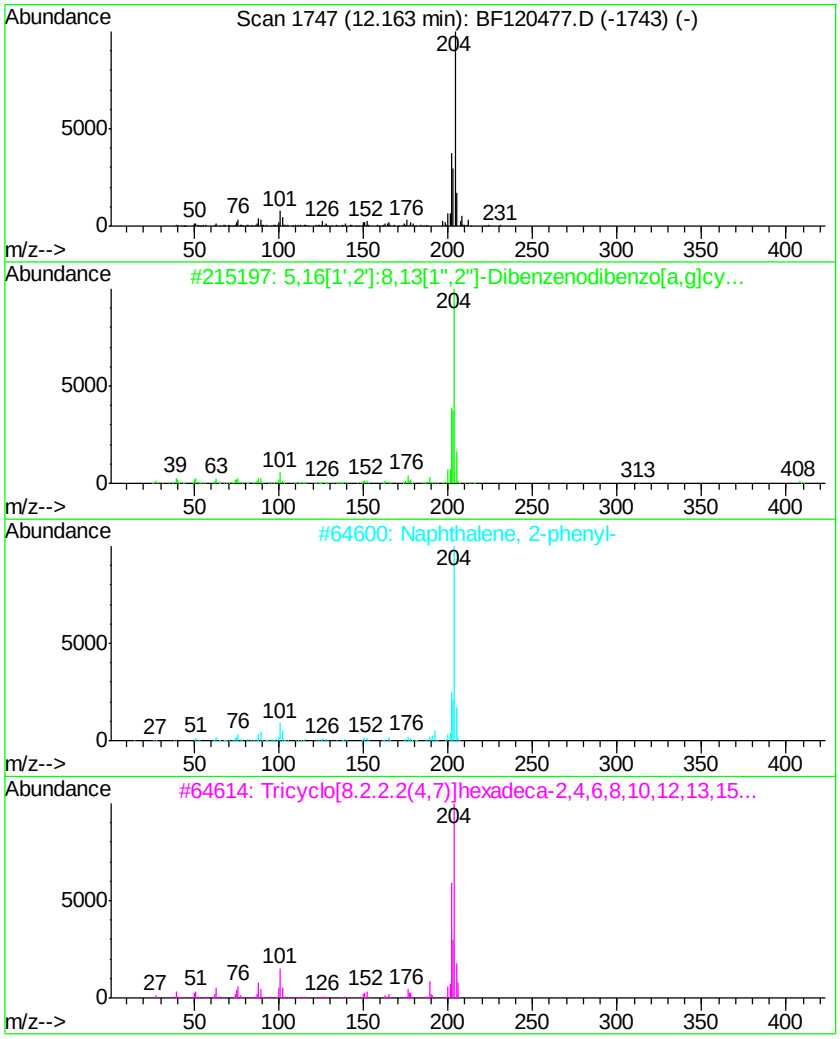
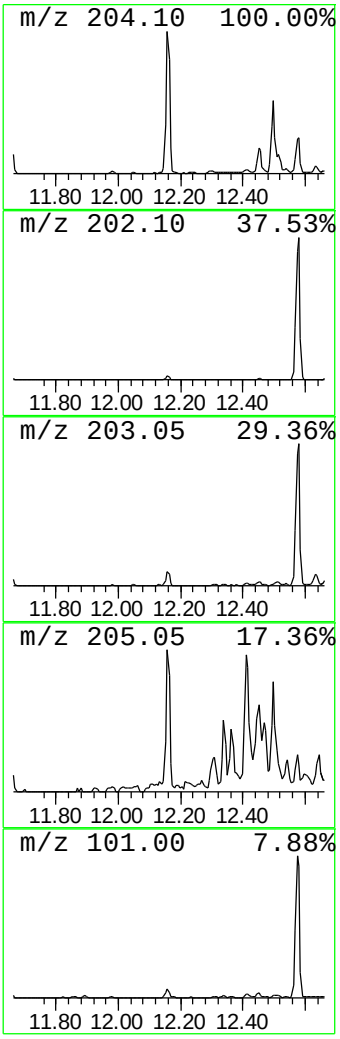
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.68 ng	208392	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





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Operator : JU/CG
Sample : L2773-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NMDUP04-COMP-2020-0-6

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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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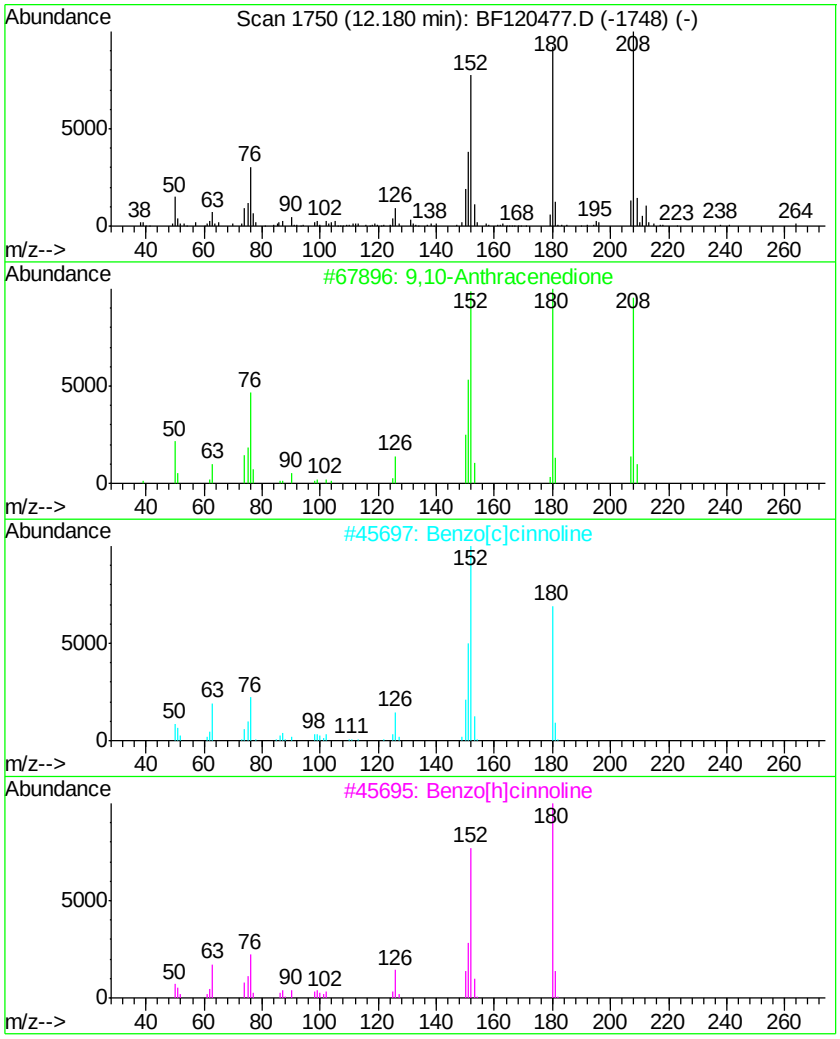
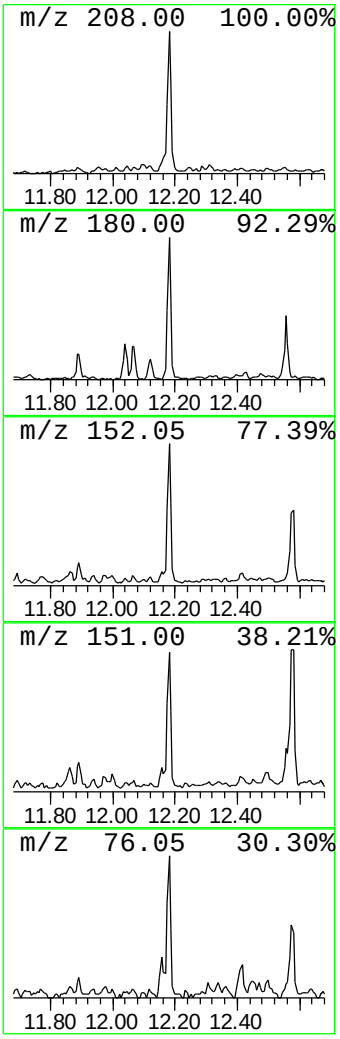
Peak Number 11 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	2.48 ng	192896	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
5	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	49





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Sample : L2773-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NMDUP04-COMP-2020-0-6

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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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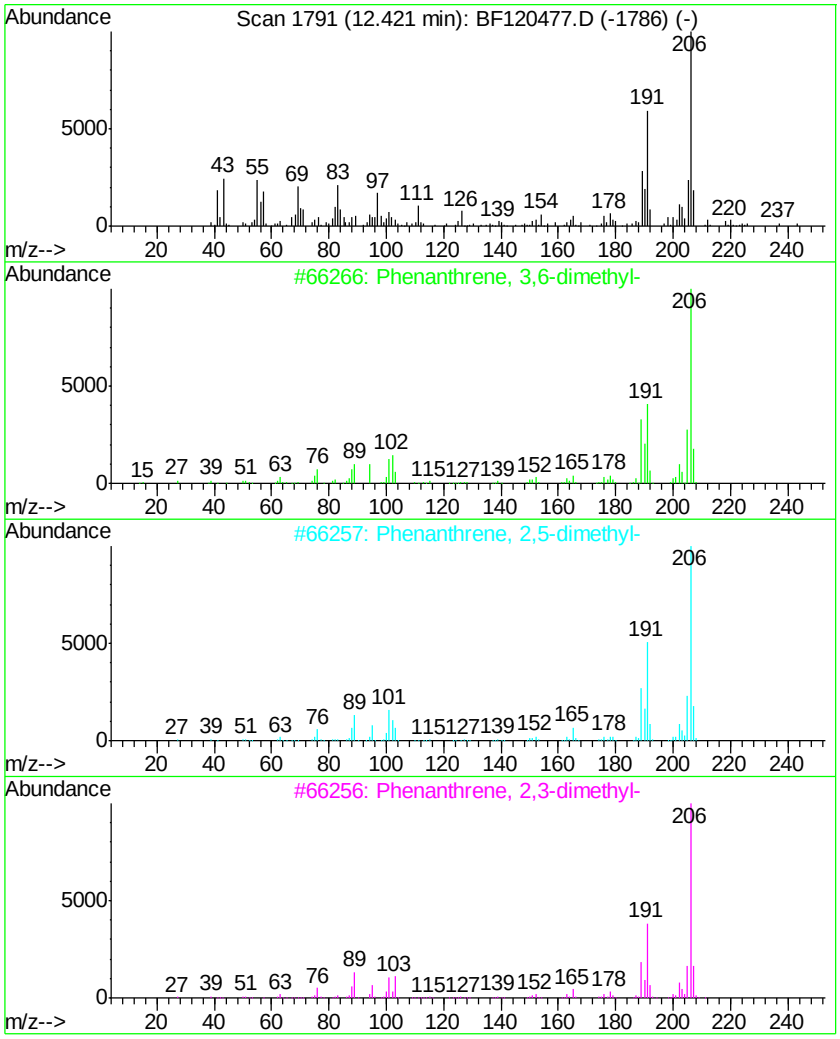
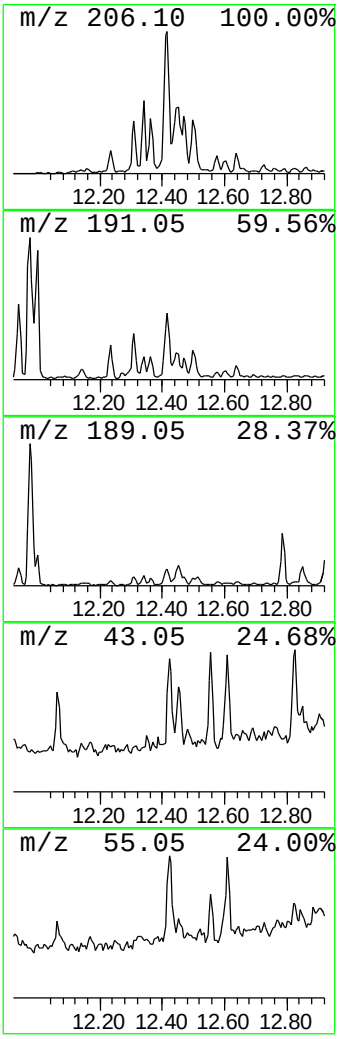
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.00 ng	310477	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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ClientSampleId : NMDUP04-COMP-2020-0-6

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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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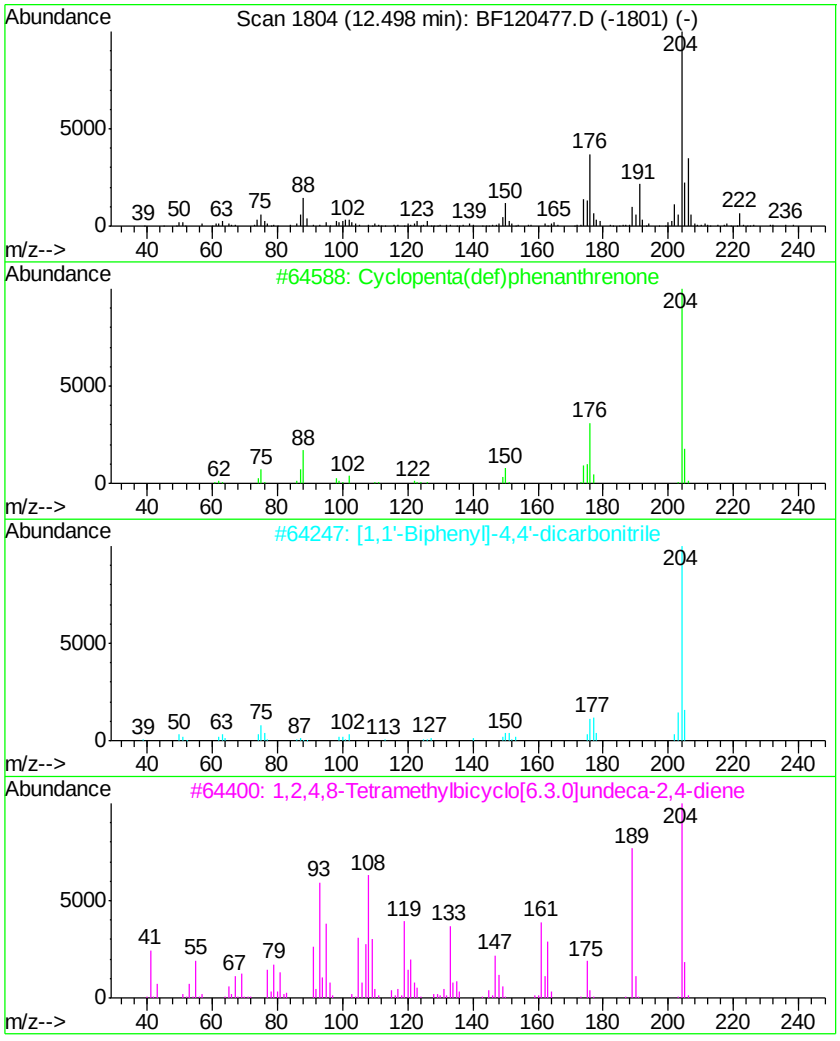
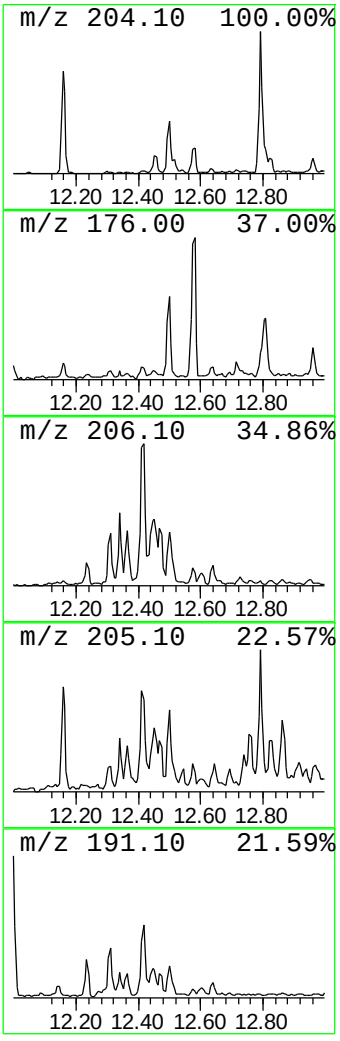
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.87 ng	222766	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	40





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Sample : L2773-06
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Instrument : BNA_F
ClientSampleId : NMDUP04-COMP-2020-0-6

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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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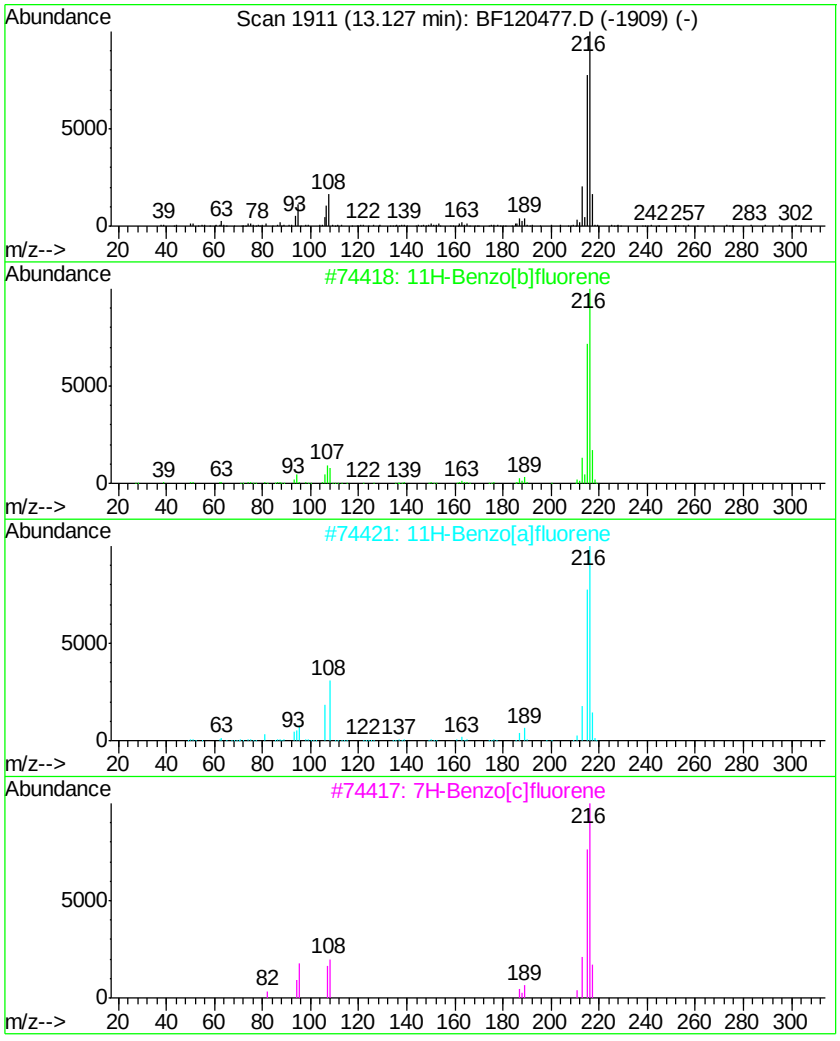
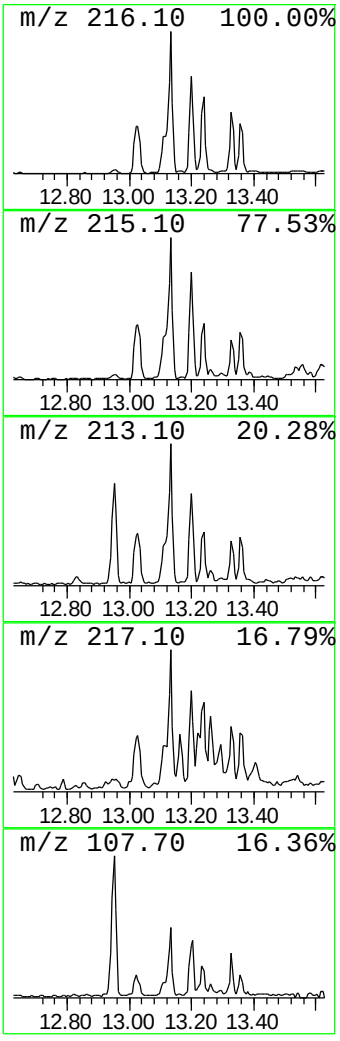
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.54 ng	451334	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80





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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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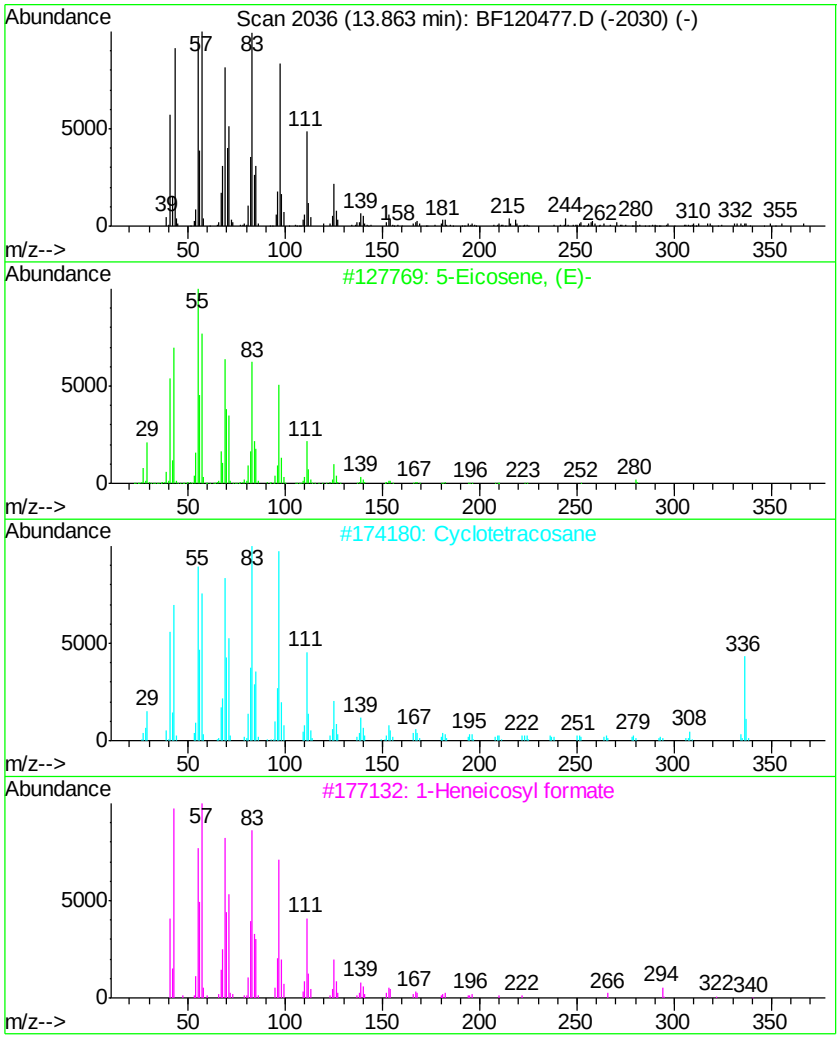
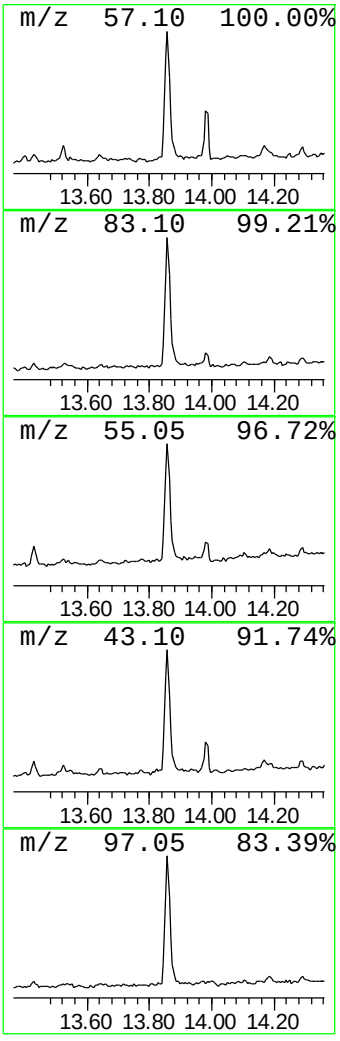
Peak Number 15 5-Eicosene, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.78 ng	848908	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Cyclotetracosane	336	C24H48	000297-03-0	97
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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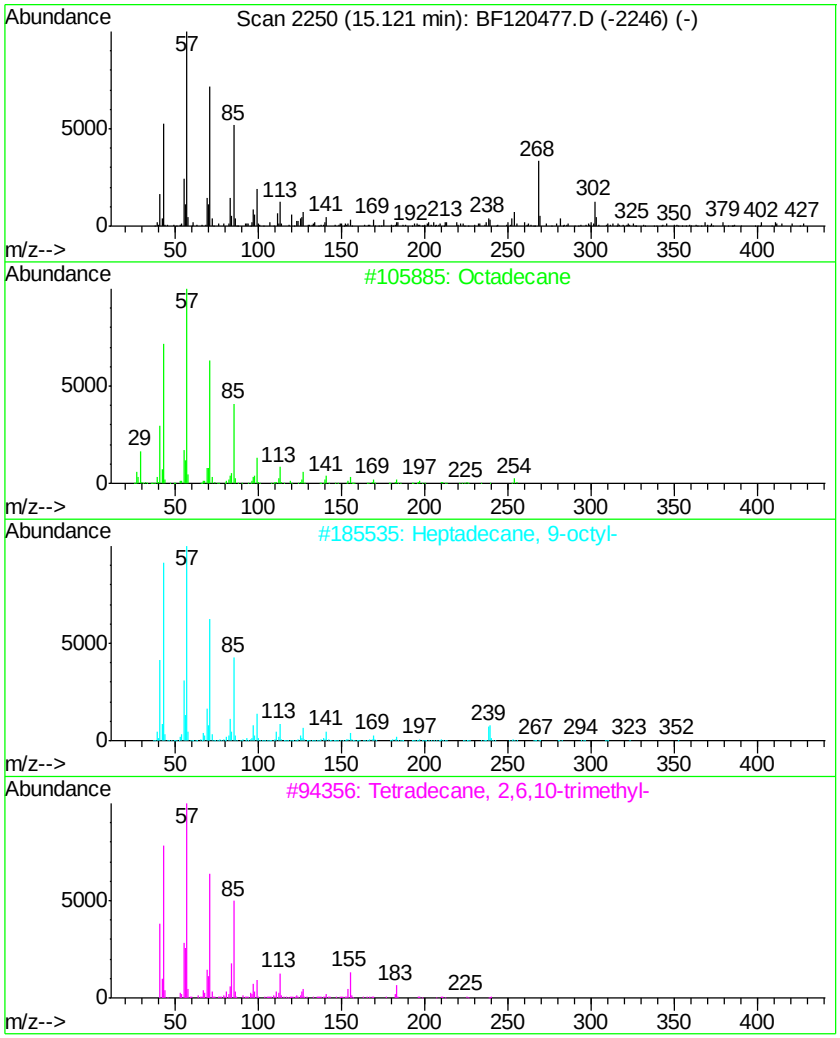
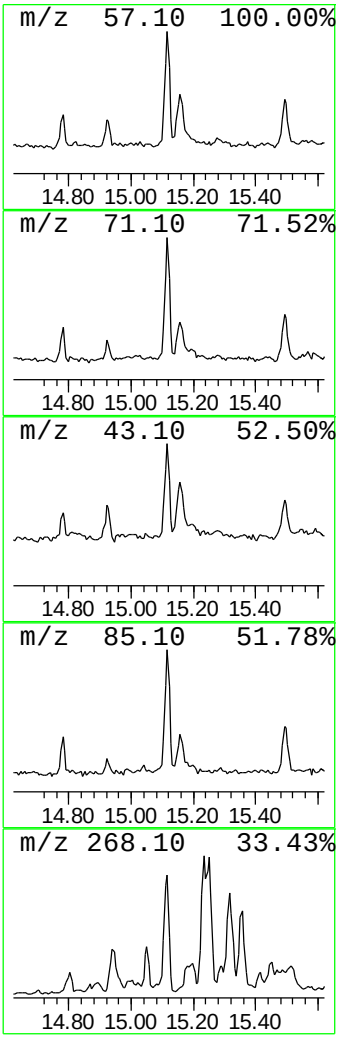
Peak Number 16 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.44 ng	219749	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	78
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	60
4	Tetradecane	198	C14H30	000629-59-4	53
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	53





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ClientSampleId : NMDUP04-COMP-2020-0-6

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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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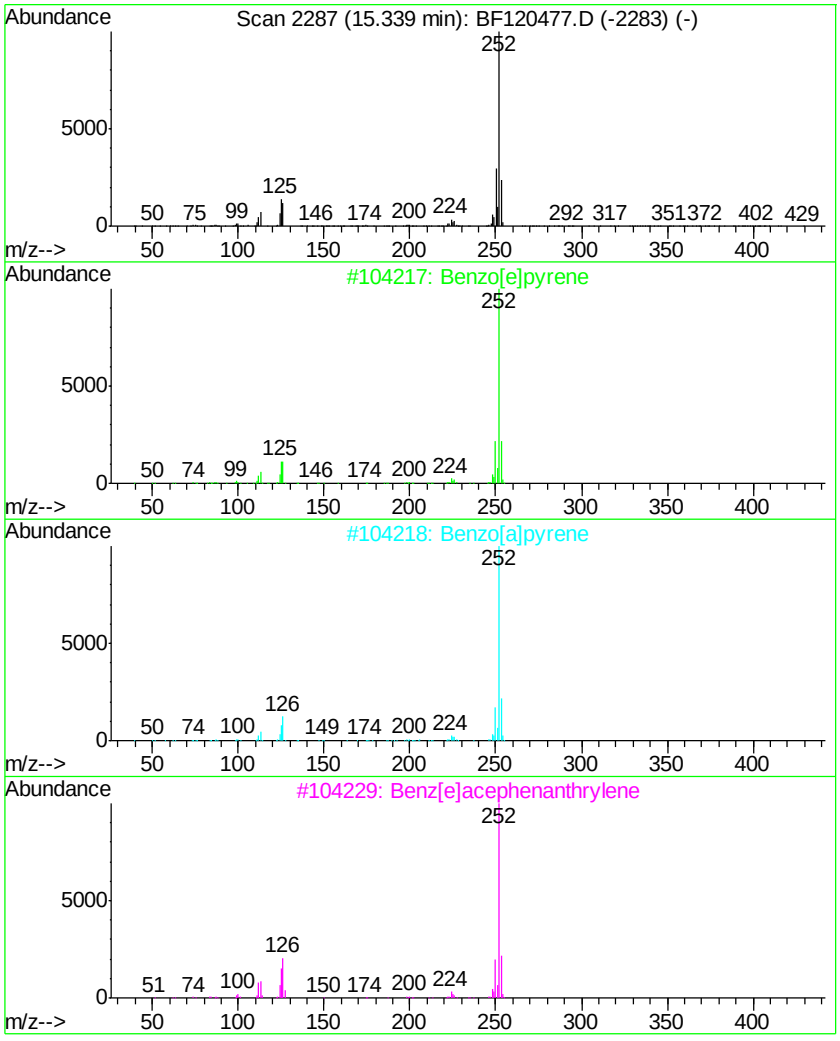
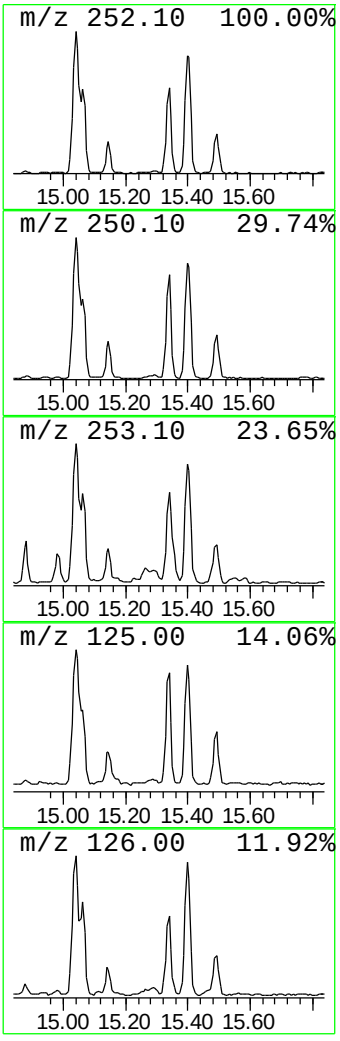
Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	13.90 ng	888448	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





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Acq On : 1 Jun 2020 18:01
Operator : JU/CG
Sample : L2773-06
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NMDUP04-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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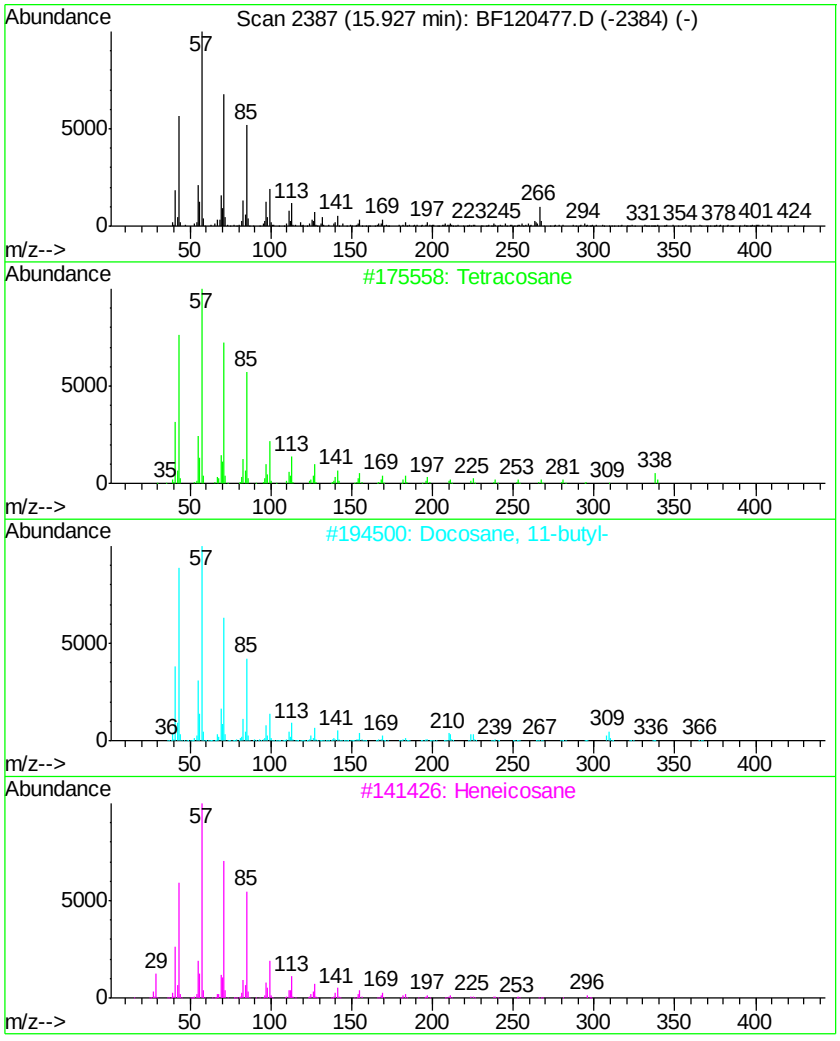
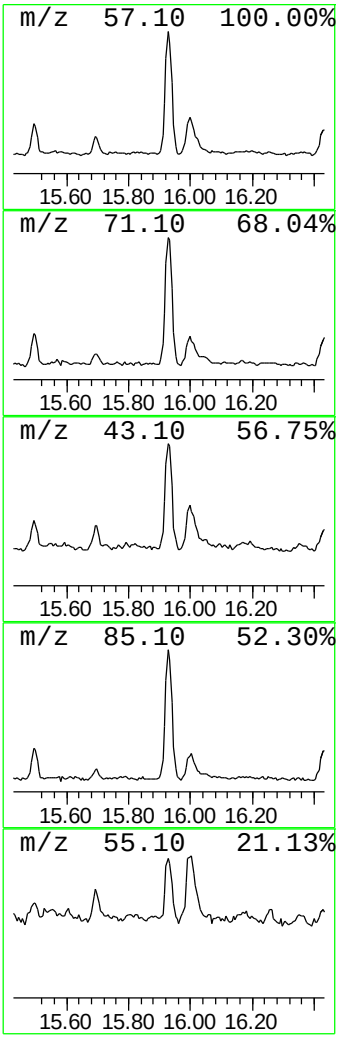
Peak Number 19 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	6.48 ng	414275	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
5	Hexatriacontane	507	C36H74	000630-06-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120477.D
Acq On : 1 Jun 2020 18:01
Operator : JU/CG
Sample : L2773-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NMDUP04-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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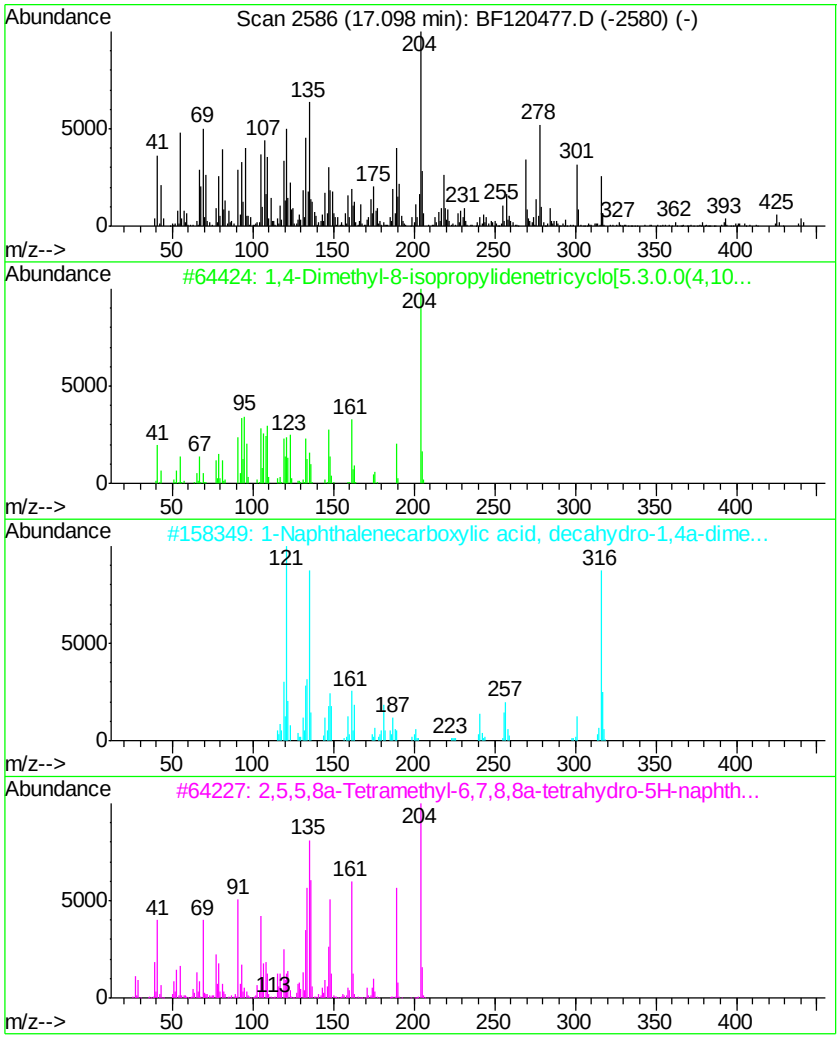
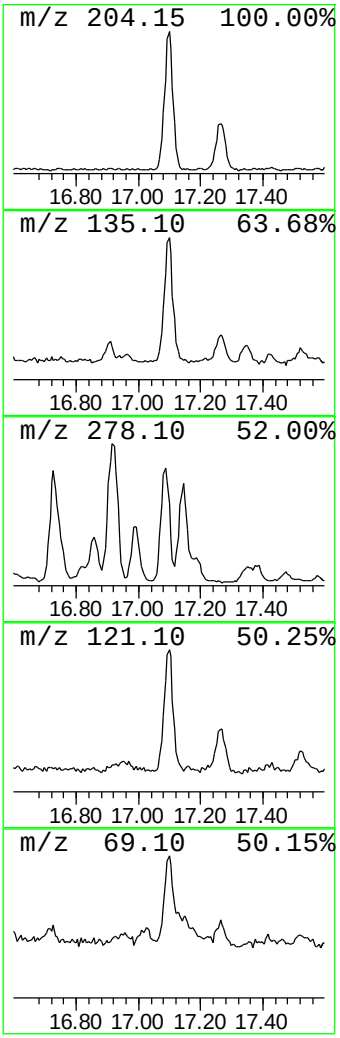
Peak Number 20 unknown17.10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	19.07 ng	1218690	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	49
2	1-Naphthalenecarboxylic acid, de...	316	C21H32O2	001235-39-8	46
3	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	45
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	43
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120477.D
Acq On : 1 Jun 2020 18:01
Operator : JU/CG
Sample : L2773-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NMDUP04-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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
Methylene chloride	1.96	15.1	ng	983304	1	6.84	1300850	20.0
Butane, 2-methoxy...	2.08	12.7	ng	826039	1	6.84	1300850	20.0
Ethanol, 2-(2-eth...	6.67	3.9	ng	250882	1	6.84	1300850	20.0
2,4,7,9-Tetrameth...	9.32	15.3	ng	1263480	3	9.87	1652960	20.0
Anthracene, 2-met...	11.86	5.9	ng	455813	4	11.36	1553380	20.0
Phenanthrene, 2-m...	11.89	7.8	ng	610002	4	11.36	1553380	20.0
Phenanthrene, 1-m...	11.94	2.4	ng	184700	4	11.36	1553380	20.0
4H-Cyclopenta[def...	11.97	8.6	ng	665769	4	11.36	1553380	20.0
5,16[1',2']:8,13[...	12.16	2.7	ng	208392	4	11.36	1553380	20.0
9,10-Anthracenedione	12.18	2.5	ng	192896	4	11.36	1553380	20.0
Phenanthrene, 3,6...	12.42	4.0	ng	310477	4	11.36	1553380	20.0
Cyclopenta(def)ph...	12.50	2.9	ng	222766	4	11.36	1553380	20.0
11H-Benzo[b]fluorene	13.13	2.5	ng	451334	5	14.00	3552440	20.0
5-Eicosene, (E)-	13.86	4.8	ng	848908	5	14.00	3552440	20.0
Octadecane	15.12	3.4	ng	219749	6	15.46	1278440	20.0
Benzo[e]pyrene	15.34	13.9	ng	888448	6	15.46	1278440	20.0
Tetracosane	15.93	6.5	ng	414275	6	15.46	1278440	20.0
unknown17.10	17.10	19.1	ng	1218690	6	15.46	1278440	20.0