LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120418.D
Acq On : 28 May 2020 20:00
Operator : MA/SJ
Sample : L2746-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM83-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	1.916	3	5	10	rVB	526023	501909	10.36%	0.716%
2	1.963	10	13	30	rVV	1541287	1991240	41.11%	2.841%
3	2.093	30	35	53	rVB	1094224	1434424	29.61%	2.047%
4	5.028	523	534	537	rBV2	43883	105806	2.18%	0.151%
5	5.098	537	546	554	rVB	58514	180280	3.72%	0.257%
6	5.451	601	606	609	rBV	3991195	4036425	83.33%	5.759%
7	6.463	773	778	781	rBV	3895061	4159269	85.87%	5.935%
8	6.663	809	812	818	rBV	113969	106766	2.20%	0.152%
9	6.840	838	842	845	rBV	1872335	1435502	29.64%	2.048%
10	6.998	865	869	872	rVB	4300484	3669987	75.77%	5.237%
11	7.398	932	937	940	rBV	2862151	2774241	57.28%	3.958%
12	8.122	1056	1060	1063	rBV	2221754	1743826	36.00%	2.488%
13	9.198	1238	1243	1246	rBV	5613300	4843717	100.00%	6.911%
14	9.586	1306	1309	1314	rBV	822756	683376	14.11%	0.975%
15	9.733	1330	1334	1337	rBV	92824	78327	1.62%	0.112%
16	9.875	1351	1358	1361	rBV	2193052	1898225	39.19%	2.709%
17	9.904	1361	1363	1366	rVB	90717	71621	1.48%	0.102%
18	10.075	1389	1392	1396	rBV2	67239	69120	1.43%	0.099%
19	10.416	1448	1450	1455	rVB	73832	70203	1.45%	0.100%
20	10.657	1487	1491	1495	rBV	2766073	2543339	52.51%	3.629%
21	10.863	1522	1526	1532	rBV6	34106	56896	1.17%	0.081%
22	11.010	1546	1551	1556	rBV4	122719	167088	3.45%	0.238%
23	11.163	1573	1577	1581	rVB	55032	57895	1.20%	0.083%
24	11.227	1581	1588	1590	rBV6	38118	75447	1.56%	0.108%
25	11.304	1598	1601	1605	rBV	166218	157375	3.25%	0.225%
26	11.357	1605	1610	1612	rVV	1910533	1698712	35.07%	2.424%
27	11.380	1612	1614	1618	rVV	1139497	876937	18.10%	1.251%
28	11.433	1618	1623	1626	rVB	232147	222714	4.60%	0.318%
29	11.580	1643	1648	1652	rBV3	150431	176784	3.65%	0.252%
30	11.816	1683	1688	1691	rBV2	259145	291794	6.02%	0.416%
31	11.857	1691	1695	1697	rVV2	297213	389579	8.04%	0.556%
32	11.886	1697	1700	1705	rVV	1103731	1109126	22.90%	1.583%
33	11.933	1705	1708	1711	rVV2	103101	132502	2.74%	0.189%
34	11.969	1711	1714	1717	rVV	275631	310369	6.41%	0.443%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120418.D
Acq On : 28 May 2020 20:00
Operator : MA/SJ
Sample : L2746-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM83-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	11.992	1717	1718	1721	rVB	128319	67311	1.39%	0.096%
36	12.063	1727	1730	1733	rBV	170033	162132	3.35%	0.231%
37	12.151	1740	1745	1747	rBV	112701	135743	2.80%	0.194%
38	12.174	1747	1749	1753	rVB3	149677	130828	2.70%	0.187%
39	12.410	1785	1789	1791	rBV2	119107	128303	2.65%	0.183%
40	12.445	1791	1795	1797	rVV3	70583	90506	1.87%	0.129%
41	12.486	1799	1802	1805	rVV2	204081	212946	4.40%	0.304%
42	12.569	1809	1816	1819	rVV	2044330	2613604	53.96%	3.729%
43	12.610	1819	1823	1830	rVV5	192354	371045	7.66%	0.529%
44	12.669	1830	1833	1836	rVV2	207007	229786	4.74%	0.328%
45	12.722	1839	1842	1846	rVV2	62702	78238	1.62%	0.112%
46	12.798	1849	1855	1858	rVV	1820329	1768758	36.52%	2.524%
47	12.845	1861	1863	1868	rVB2	91412	105237	2.17%	0.150%
48	12.916	1872	1875	1876	rBV	91023	76535	1.58%	0.109%
49	12.945	1876	1880	1883	rVV	4618721	4076322	84.16%	5.816%
50	13.016	1887	1892	1895	rBV2	128775	207075	4.28%	0.295%
51	13.104	1900	1907	1908	rBV5	102407	145140	3.00%	0.207%
52	13.127	1908	1911	1913	rVB	238801	230229	4.75%	0.329%
53	13.157	1913	1916	1918	rBV2	106747	105912	2.19%	0.151%
54	13.192	1918	1922	1924	rVB	183660	165994	3.43%	0.237%
55	13.227	1924	1928	1931	rBV2	187070	185531	3.83%	0.265%
56	13.321	1941	1944	1947	rVB	116033	110709	2.29%	0.158%
57	13.351	1947	1949	1953	rVB	111932	89143	1.84%	0.127%
58	13.398	1953	1957	1959	rBV3	118737	115854	2.39%	0.165%
59	13.521	1972	1978	1981	rBV6	78503	161607	3.34%	0.231%
60	13.627	1993	1996	2001	rVB	141544	168537	3.48%	0.240%
61	13.745	2011	2016	2018	rBV2	171663	239954	4.95%	0.342%
62	13.769	2018	2020	2022	rVV	172128	164431	3.39%	0.235%
63	13.792	2022	2024	2028	rVV2	154064	201744	4.17%	0.288%
64	13.839	2029	2032	2039	rVB2	805437	924297	19.08%	1.319%
65	13.992	2050	2058	2061	rBV2	2061148	2828768	58.40%	4.036%
66	14.021	2061	2063	2068	rVB	889193	767779	15.85%	1.096%
67	14.098	2073	2076	2080	rVB	190137	170462	3.52%	0.243%
68	14.216	2092	2096	2100	rBV2	97244	122070	2.52%	0.174%
69	14.380	2120	2124	2127	rVB	167700	164409	3.39%	0.235%
70	14.416	2127	2130	2133	rVB2	106130	103577	2.14%	0.148%
71	14.474	2136	2140	2143	rBV2	606850	636676	13.14%	0.908%

LSC Area Percent Report

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Data File : BF120418.D
Acq On : 28 May 2020 20:00
Operator : MA/SJ
Sample : L2746-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM83-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	14.627	2163	2166	2170	rVB	186845	164686	3.40%	0.235%
73	14.680	2172	2175	2179	rBV3	61422	97200	2.01%	0.139%
74	14.921	2212	2216	2221	rVB2	413802	444959	9.19%	0.635%
75	15.027	2229	2234	2237	rBV	842250	1326294	27.38%	1.892%
76	15.115	2245	2249	2250	rBV	635994	712829	14.72%	1.017%
77	15.133	2250	2252	2260	rVB2	978770	1214570	25.08%	1.733%
78	15.321	2280	2284	2290	rVB	515032	668001	13.79%	0.953%
79	15.380	2290	2294	2299	rBV	688318	828228	17.10%	1.182%
80	15.445	2301	2305	2309	rBV	1082038	1418968	29.30%	2.025%
81	15.474	2309	2310	2317	rVB3	240458	315763	6.52%	0.451%
82	15.686	2343	2346	2351	rVB	340487	440929	9.10%	0.629%
83	15.927	2381	2387	2391	rBV	908526	1440347	29.74%	2.055%
84	15.974	2391	2395	2402	rVB2	539173	926832	19.13%	1.322%
85	16.709	2515	2520	2527	rBV4	264045	508337	10.49%	0.725%
86	16.880	2544	2549	2566	rVB2	305337	798168	16.48%	1.139%
87	17.015	2568	2572	2576	rBV2	83277	138430	2.86%	0.198%
88	17.098	2577	2586	2599	rVV6	379204	1234824	25.49%	1.762%
89	17.315	2618	2623	2635	rVB	233199	490463	10.13%	0.700%
90	17.486	2646	2652	2659	rBV5	254144	535870	11.06%	0.765%

Sum of corrected areas: 70083711

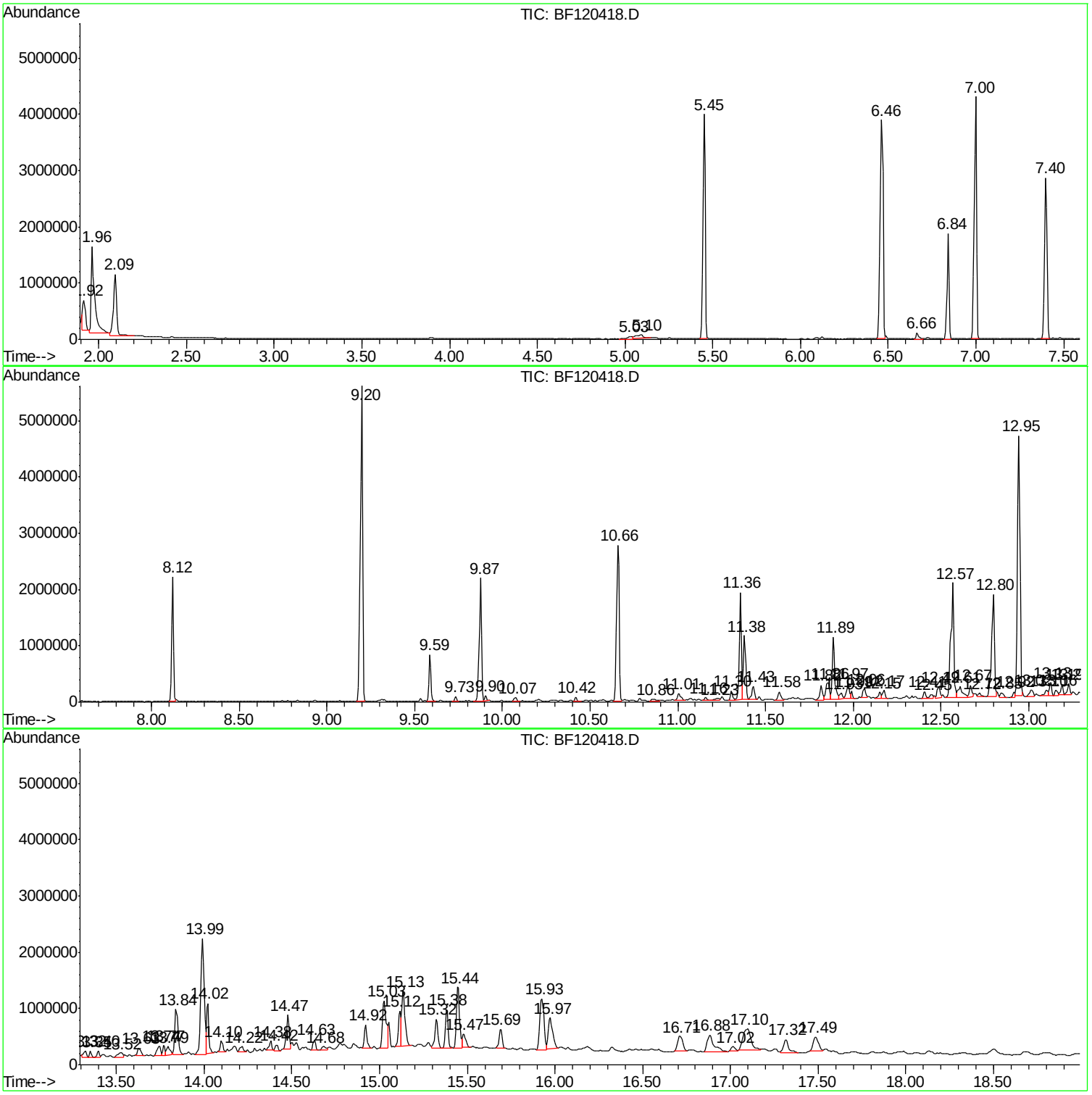
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120418.D
Acq On : 28 May 2020 20:00
Operator : MA/SJ
Sample : L2746-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM83-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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120418.D
Acq On : 28 May 2020 20:00
Operator : MA/SJ
Sample : L2746-15
Misc :
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Instrument : BNA_F
ClientSampleId : NM83-COMP-2020-0-6

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

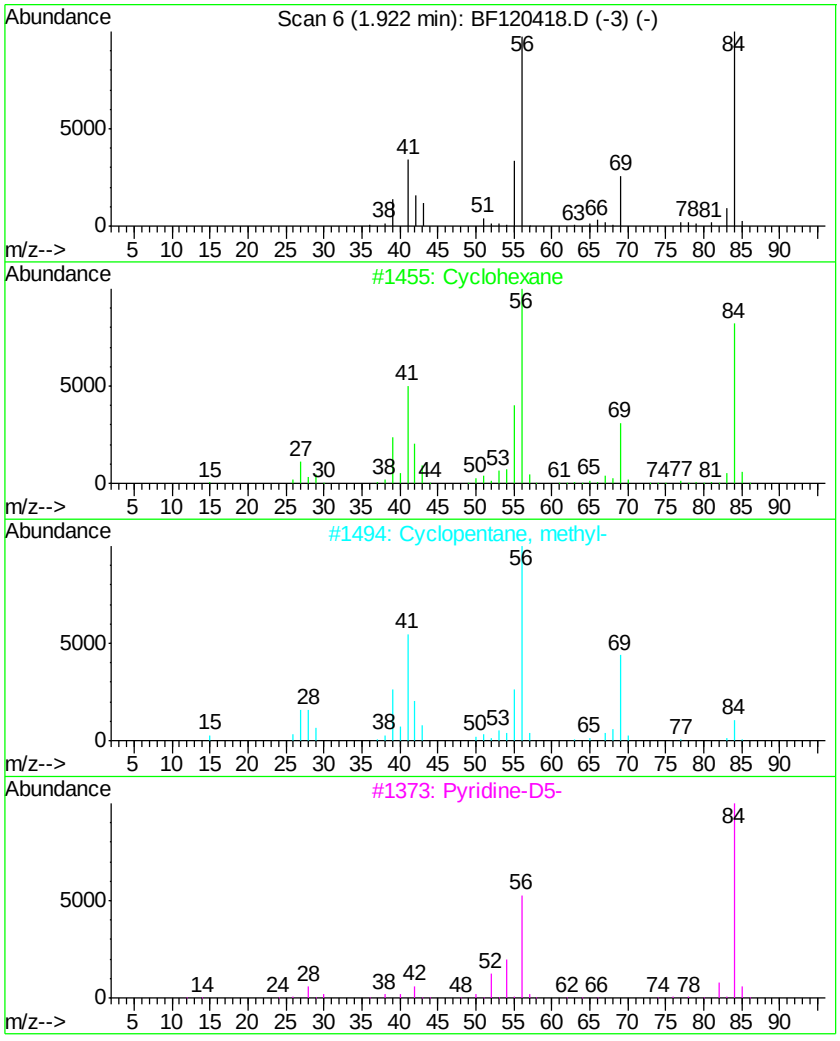
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

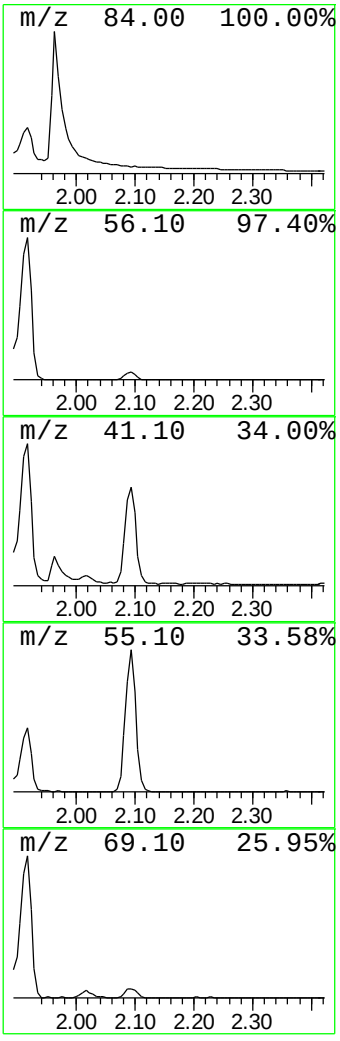
****

Peak Number 1 Cyclohexane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.92	6.99 ng	501909	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
3	Pyridine-D5-	84	C5D5N	007291-22-7	59
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120418.D
Acq On : 28 May 2020 20:00
Operator : MA/SJ
Sample : L2746-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM83-COMP-2020-0-6

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

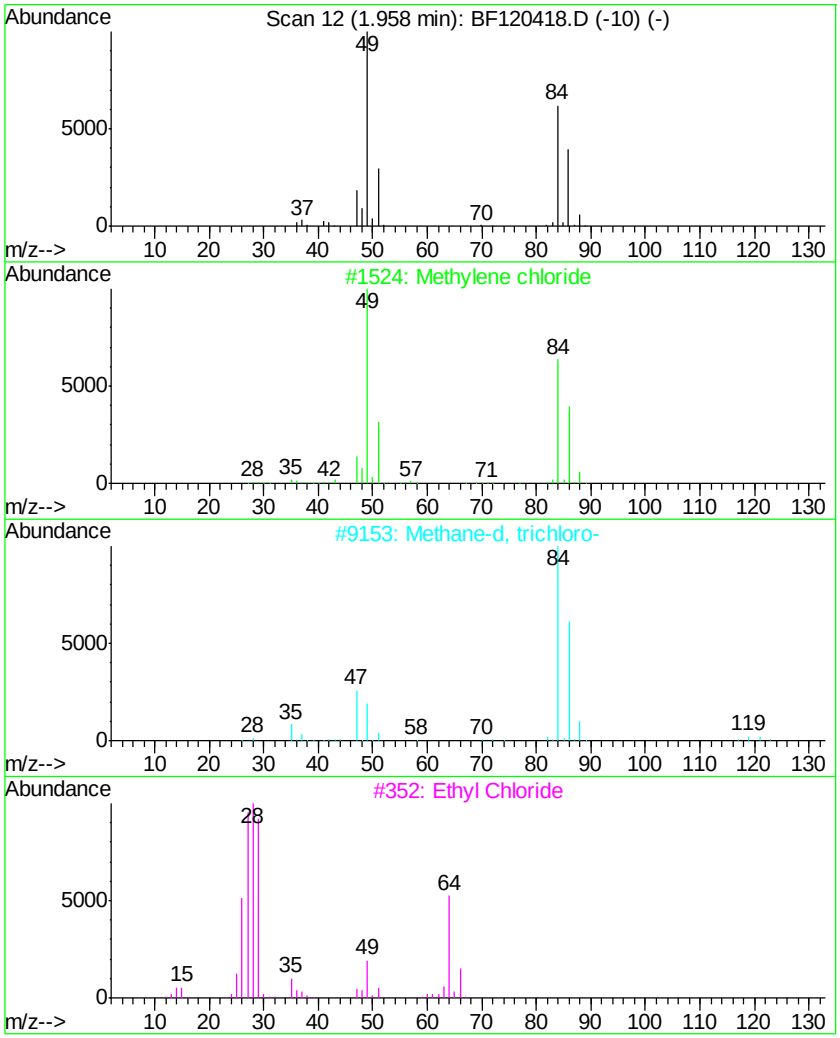
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

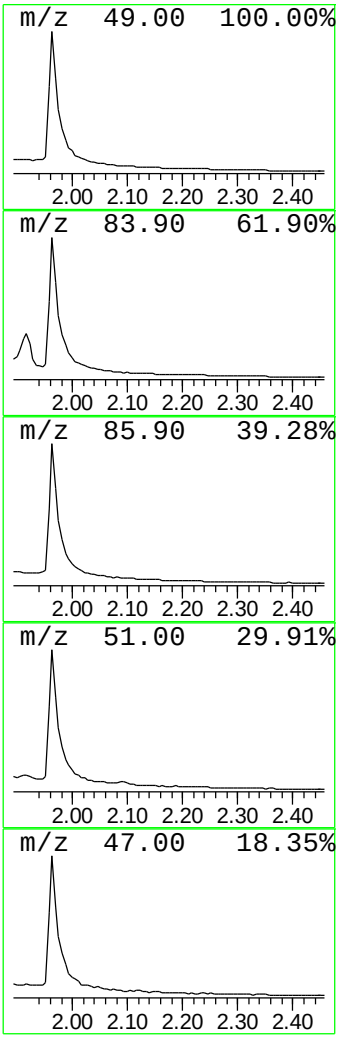
****

Peak Number 2 Methylene chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	27.74 ng	1991240	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	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
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\BF052820\
Data File : BF120418.D
Acq On : 28 May 2020 20:00
Operator : MA/SJ
Sample : L2746-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM83-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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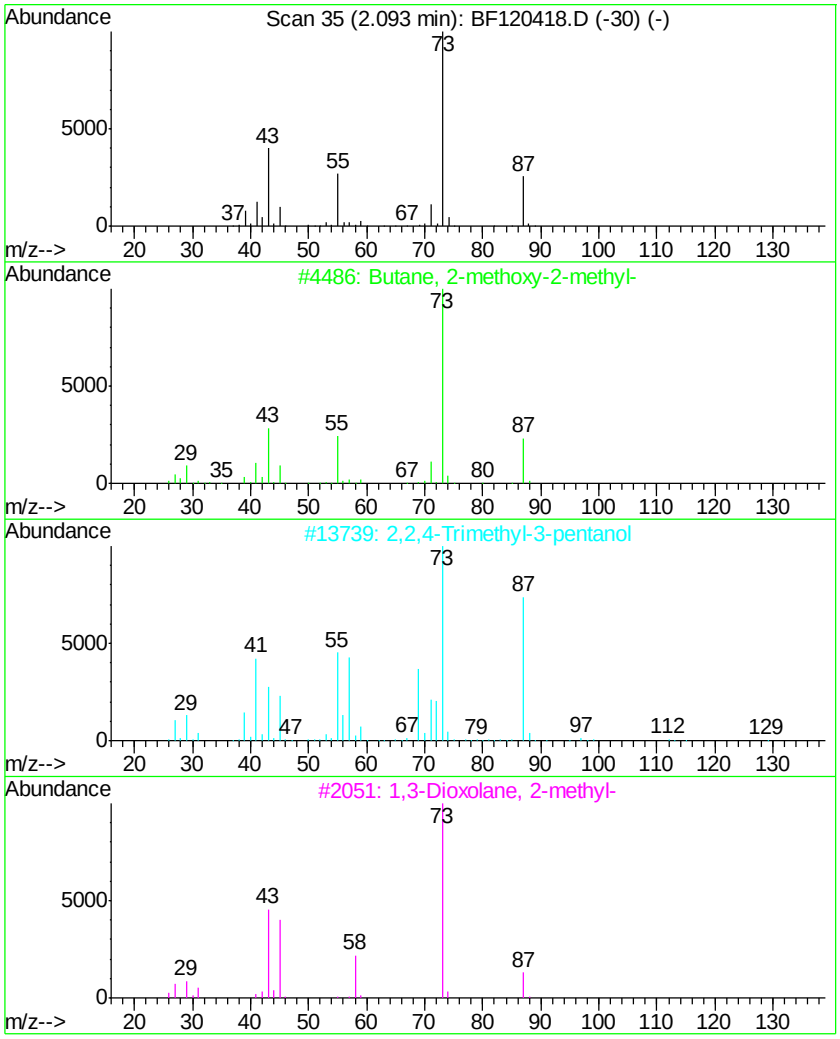
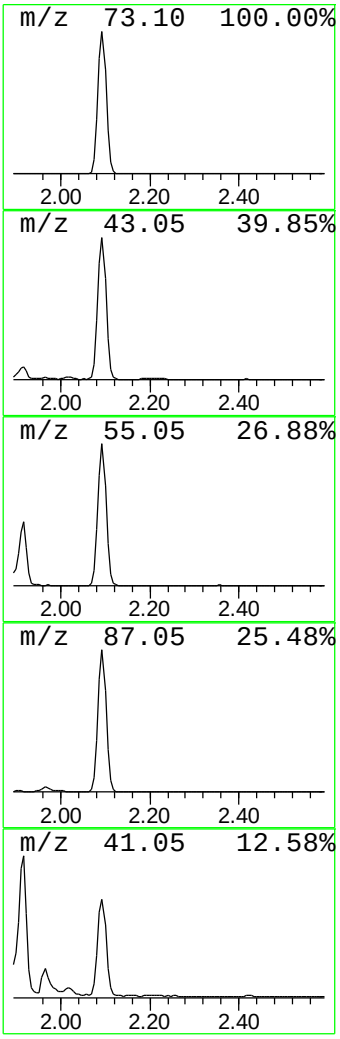
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.09	19.99 ng	1434420	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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120418.D
Acq On : 28 May 2020 20:00
Operator : MA/SJ
Sample : L2746-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM83-COMP-2020-0-6

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

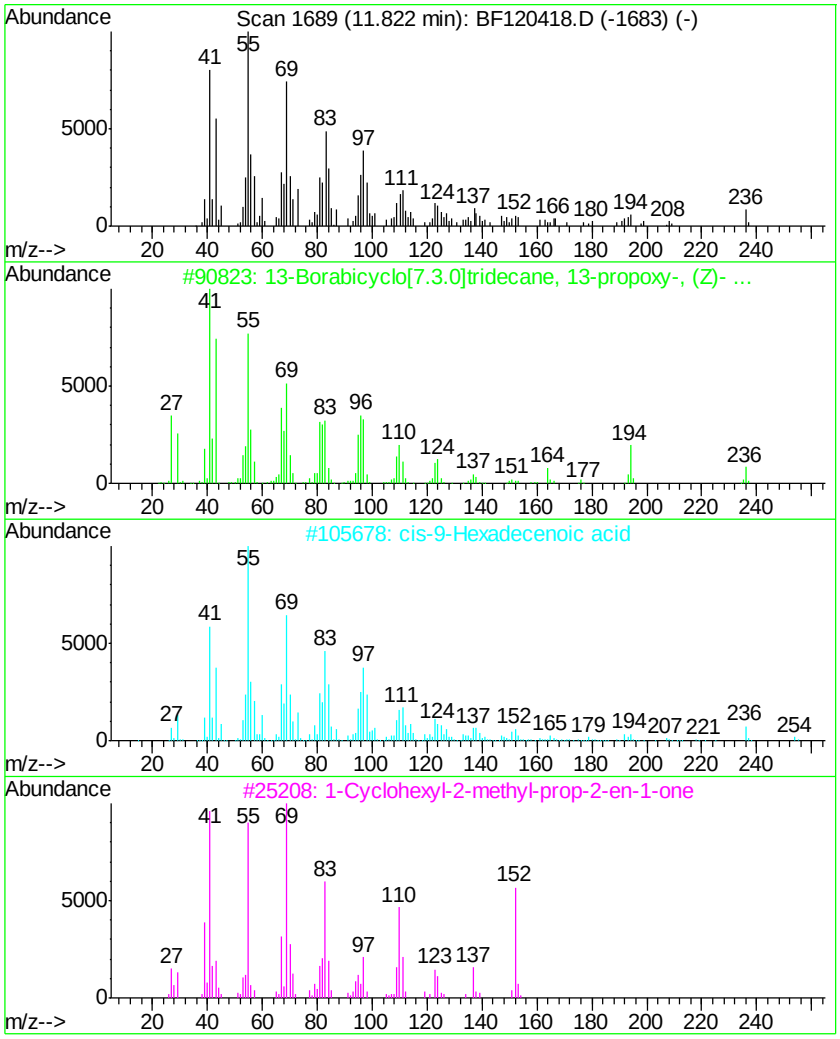
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

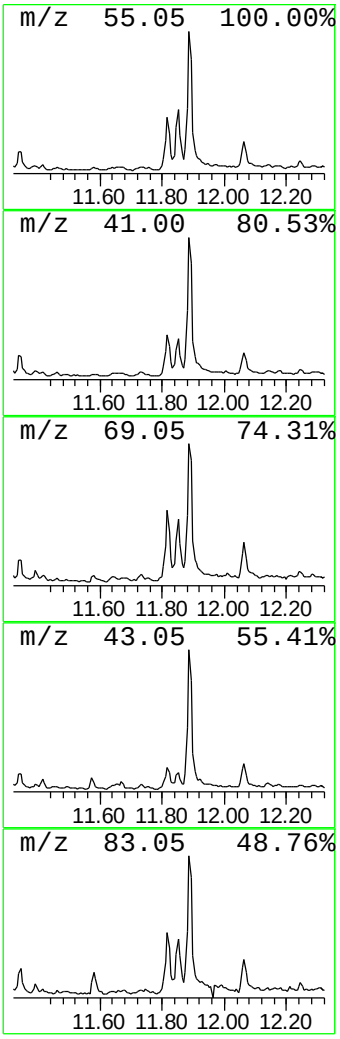
****

Peak Number 5 13-Borabicyclo[7.3.0]tridec... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.44 ng	291794	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	90
2	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	89
3	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	78
4	Cyclododecane, ethyl-	196	C14H28	028981-49-9	70
5	Palmitoleic acid	254	C16H30O2	000373-49-9	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120418.D
Acq On : 28 May 2020 20:00
Operator : MA/SJ
Sample : L2746-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM83-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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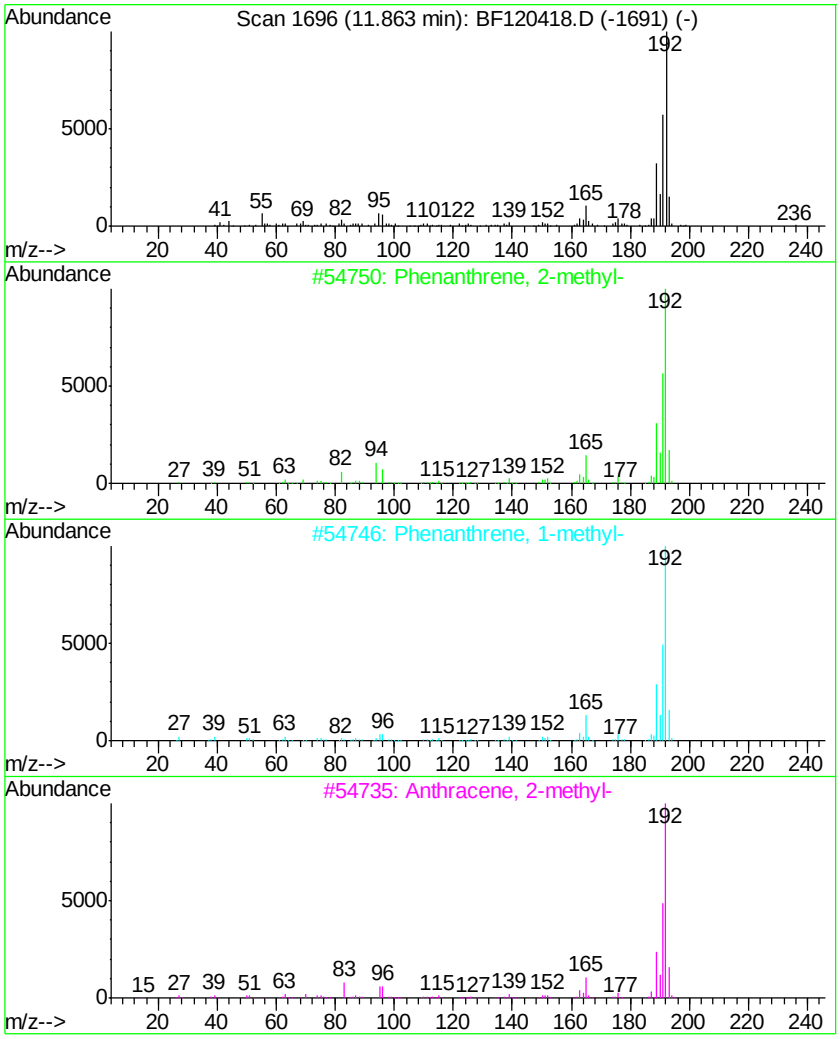
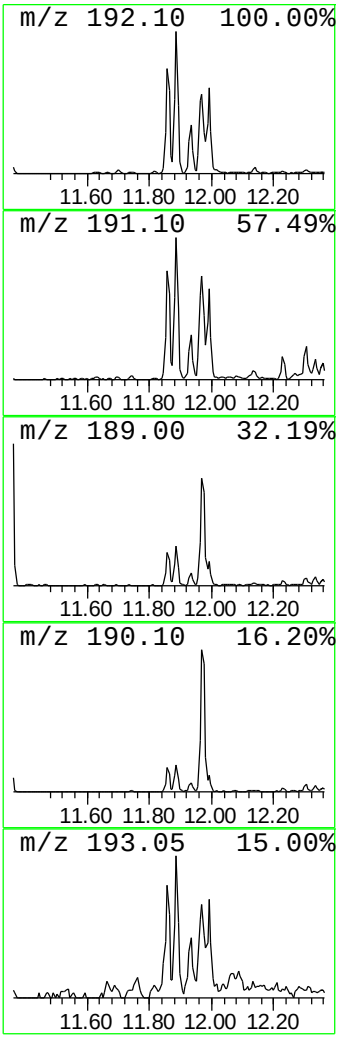
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.59 ng	389579	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120418.D
Acq On : 28 May 2020 20:00
Operator : MA/SJ
Sample : L2746-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM83-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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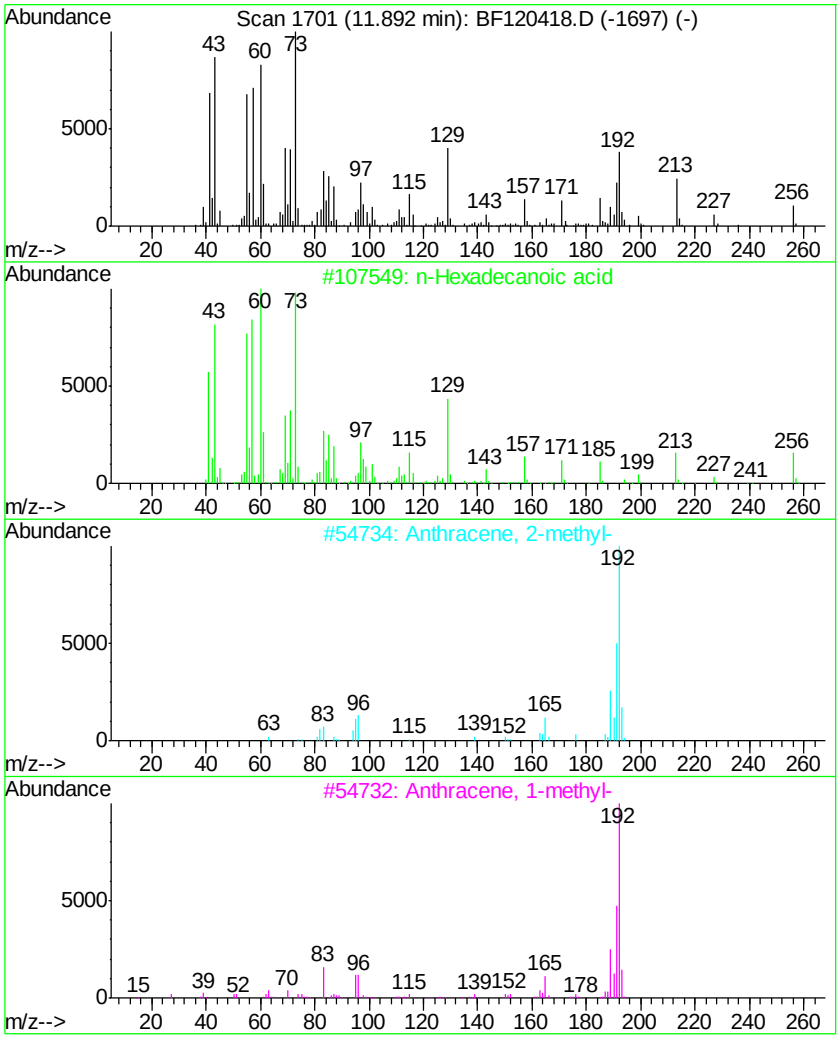
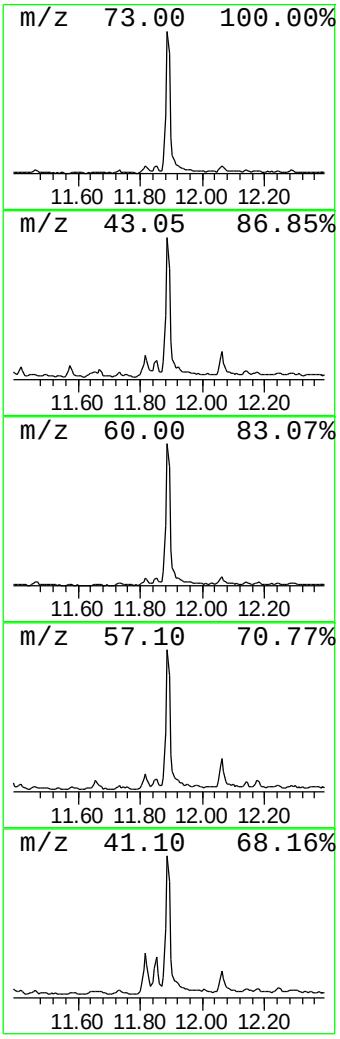
Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	13.06 ng	1109130	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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Acq On : 28 May 2020 20:00
Operator : MA/SJ
Sample : L2746-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM83-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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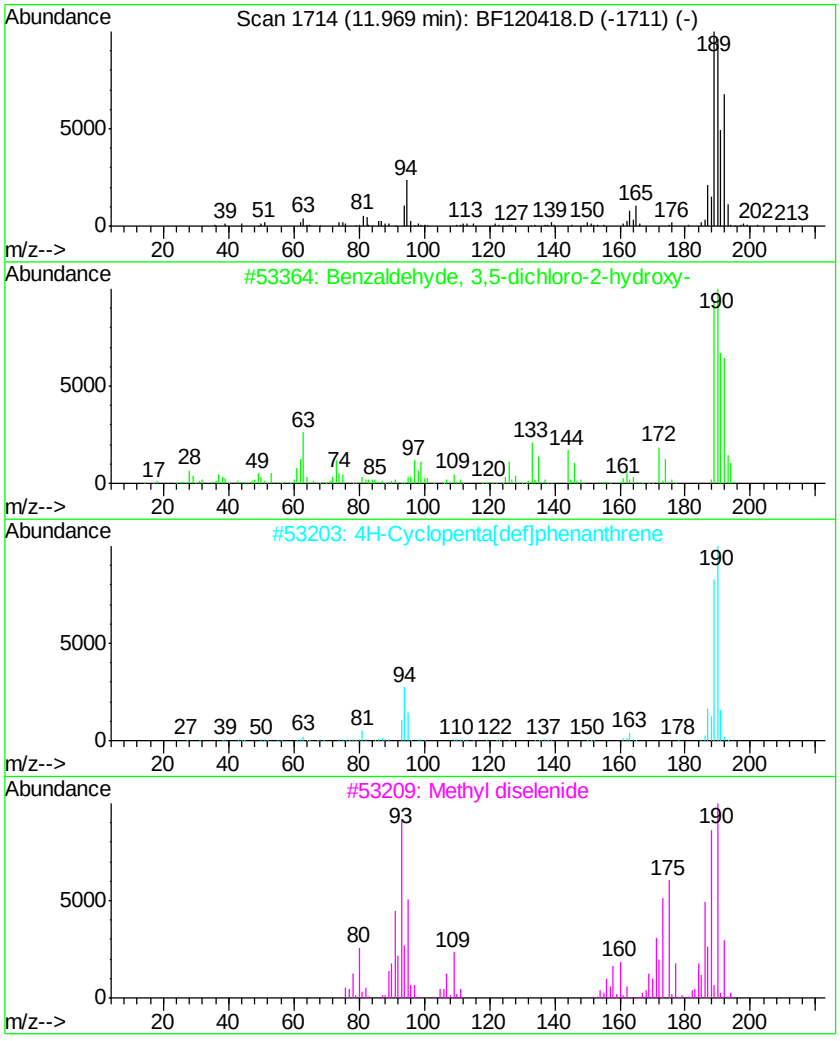
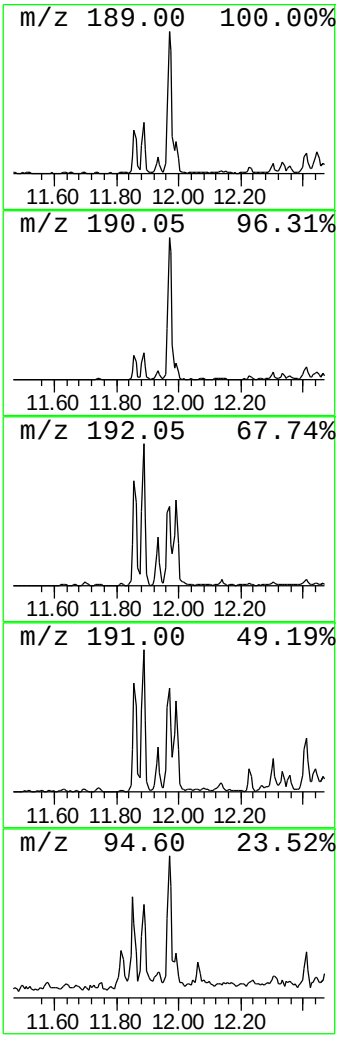
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	3.65 ng	310369	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38





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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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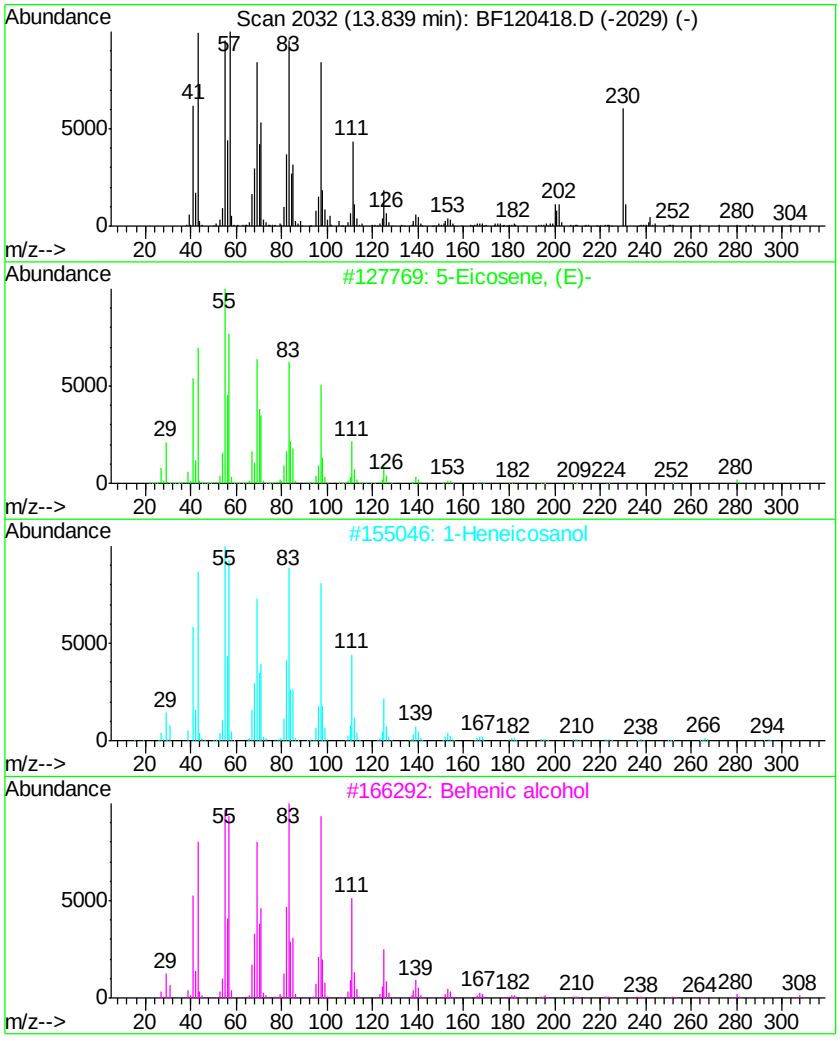
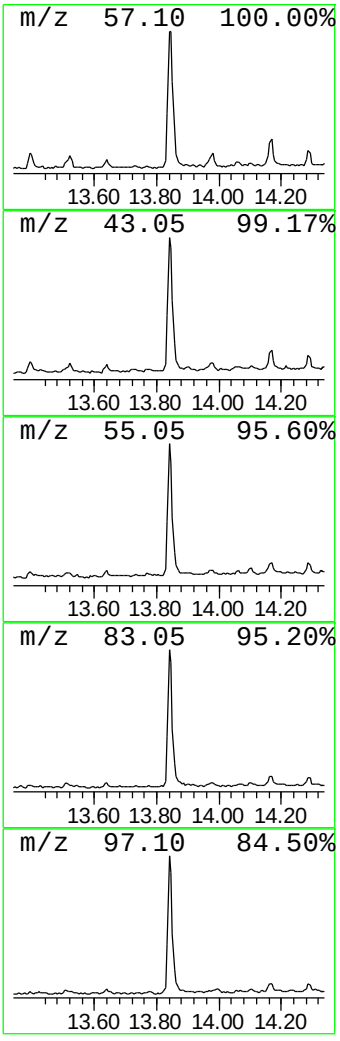
Peak Number 9 5-Eicosene, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	6.53 ng	924297	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93





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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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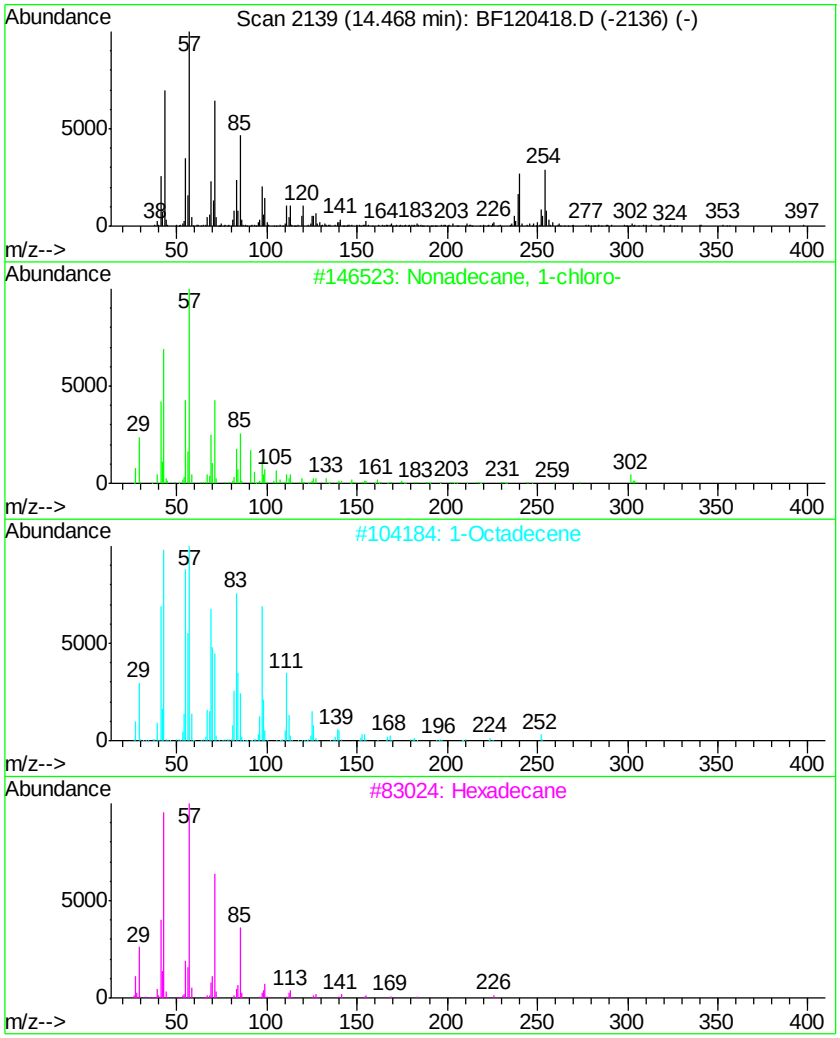
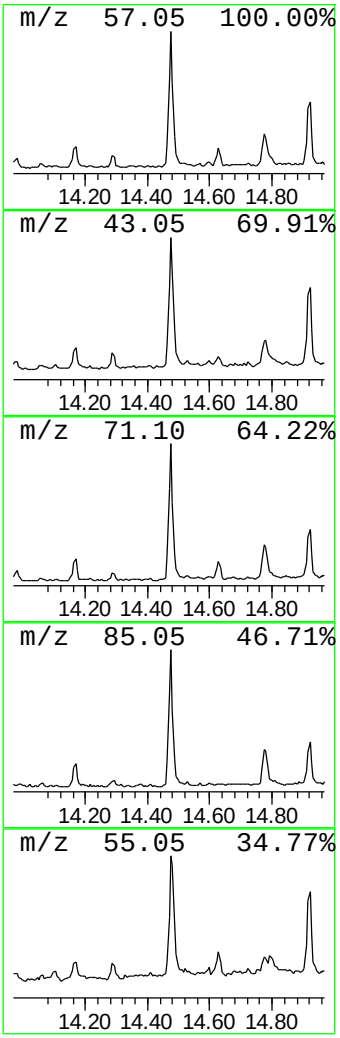
Peak Number 10 Nonadecane, 1-chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	4.50 ng	636676	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	95
2	1-Octadecene	252	C18H36	000112-88-9	91
3	Hexadecane	226	C16H34	000544-76-3	89
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	70
5	Octadecane	254	C18H38	000593-45-3	60





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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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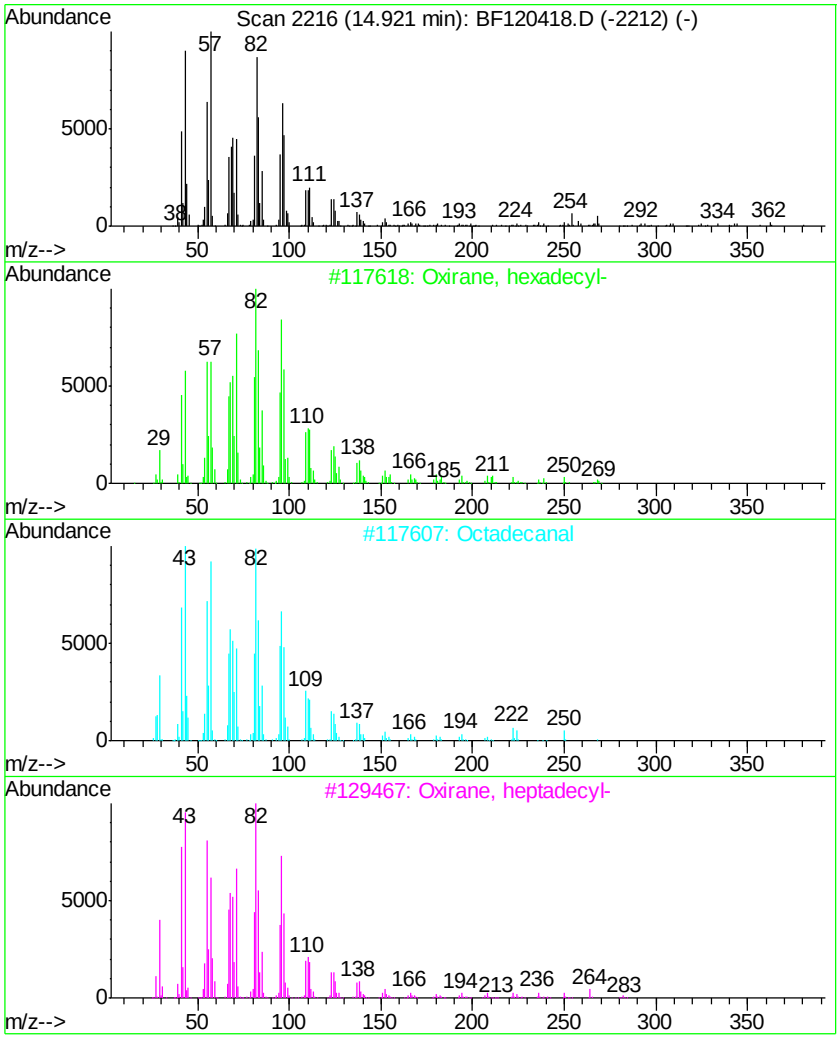
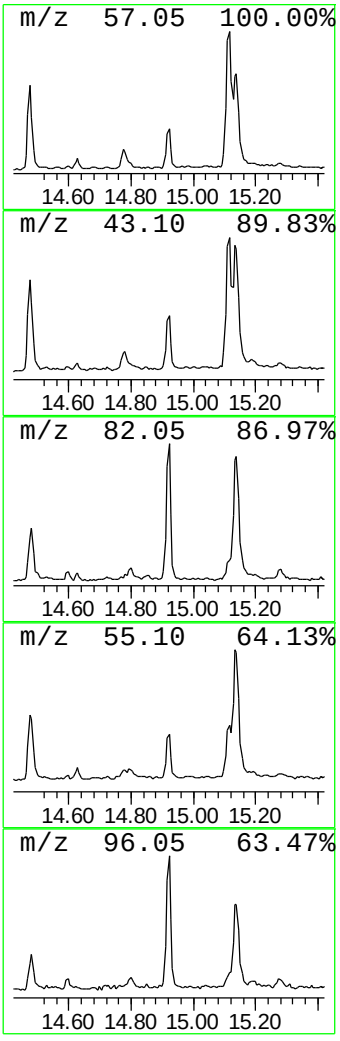
Peak Number 11 Oxirane, hexadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	6.27 ng	444959	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
4	17-Octadecenal	266	C18H34O	056554-86-0	83
5	16-Octadecenal	266	C18H34O	056554-87-1	83





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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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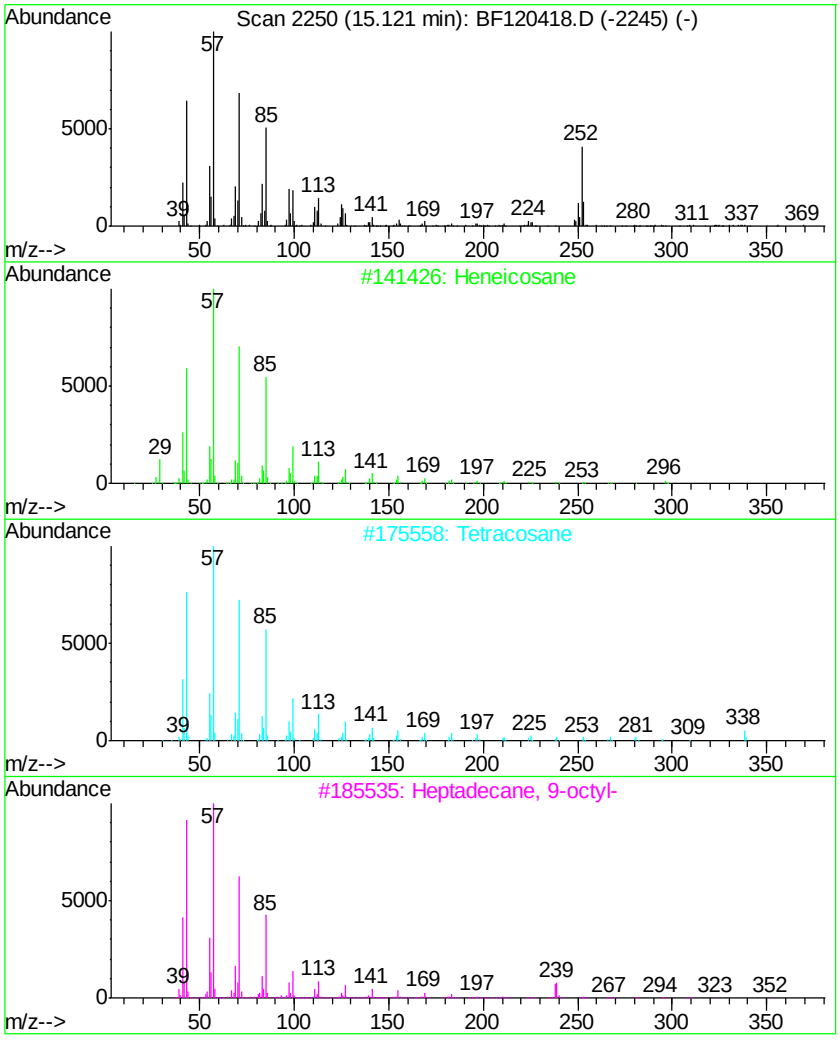
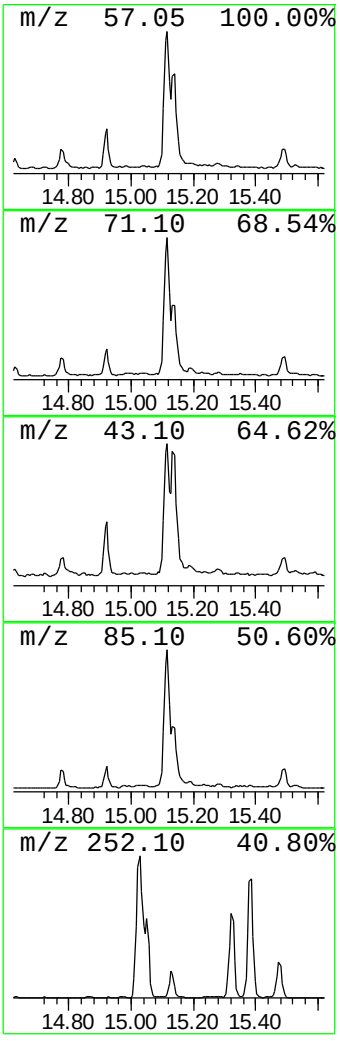
Peak Number 12 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	10.05 ng	712829	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Eicosane	282	C20H42	000112-95-8	90





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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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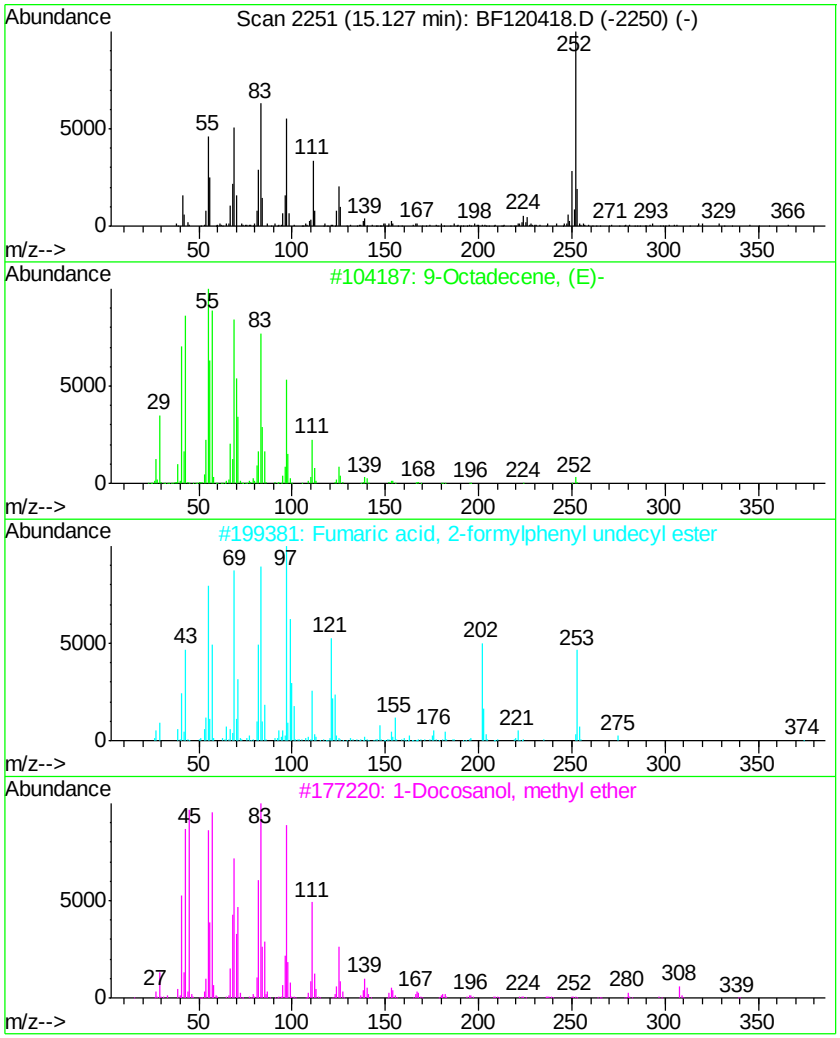
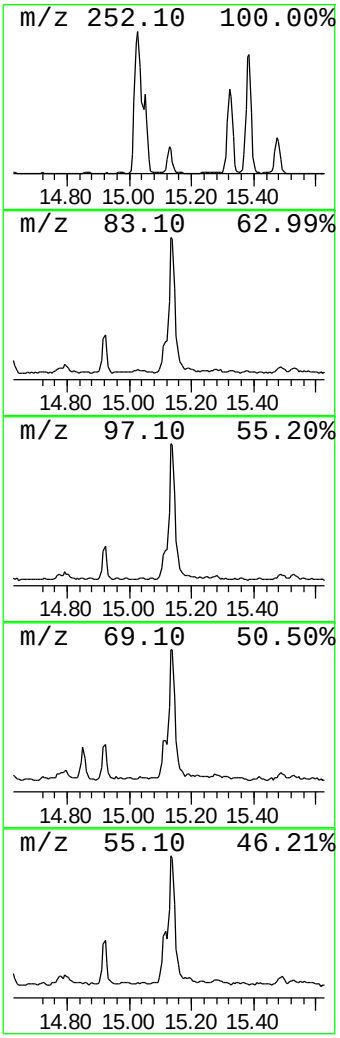
Peak Number 13 9-Octadecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	17.12 ng	1214570	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, (E)-	252	C18H36	007206-25-9	74
2	Fumaric acid, 2-formylphenyl und...	374	C22H30O5	1000344-89-3	53
3	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	53
4	1-Octadecanol	270	C18H38O	000112-92-5	53
5	Fumaric acid, 2-methylallyl tetr...	366	C22H38O4	1000330-55-3	50





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Sample : L2746-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

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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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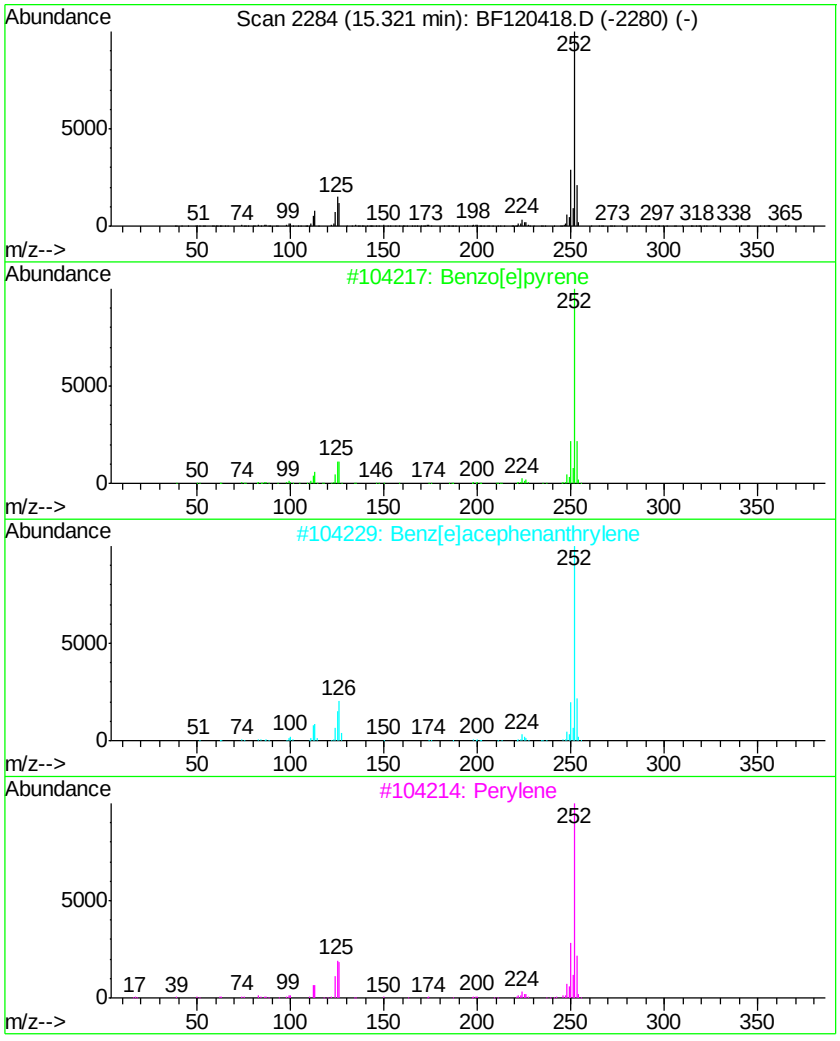
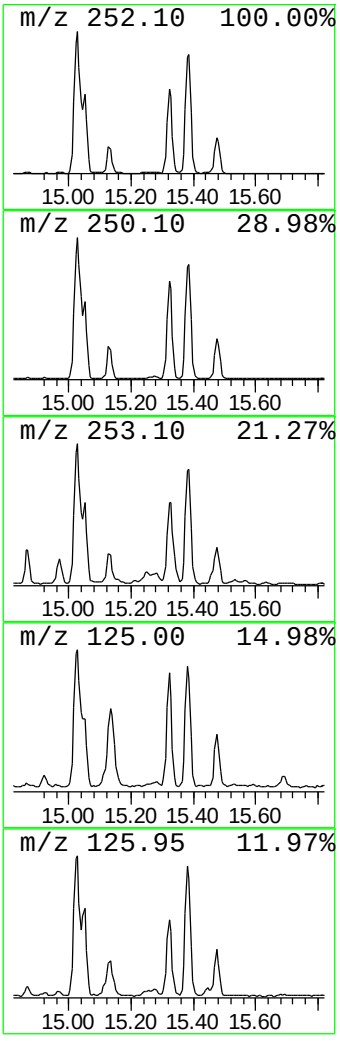
Peak Number 14 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	9.42 ng	668001	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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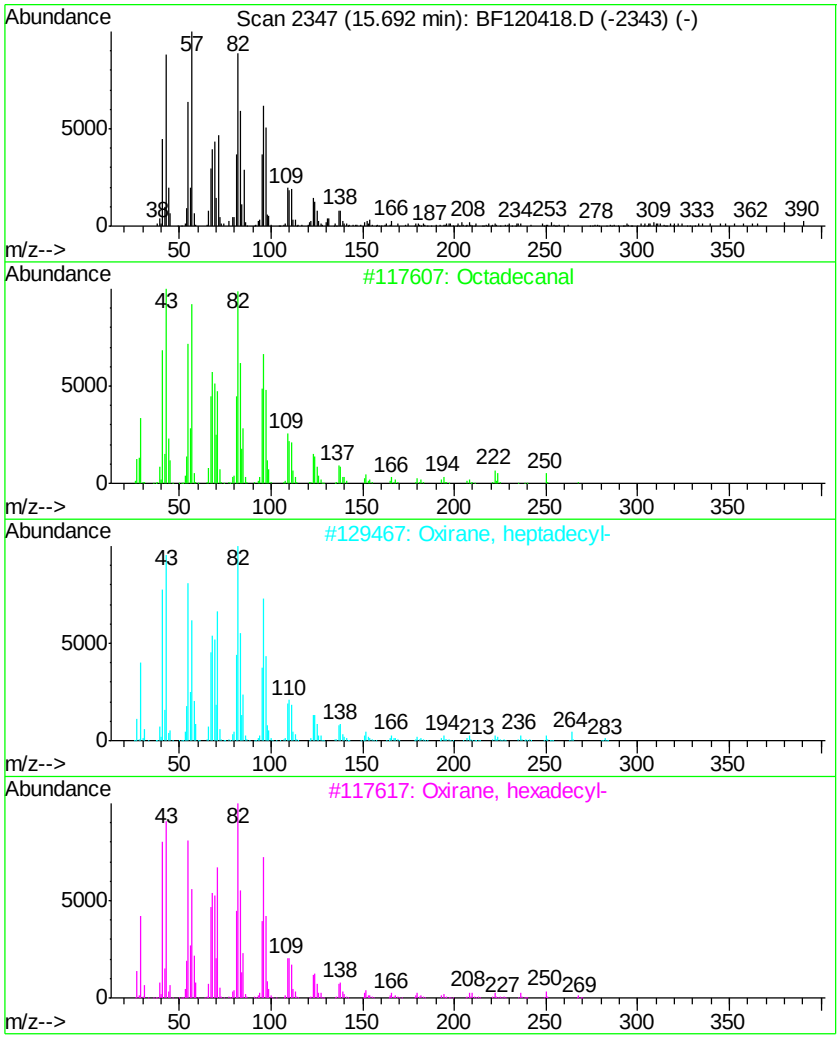
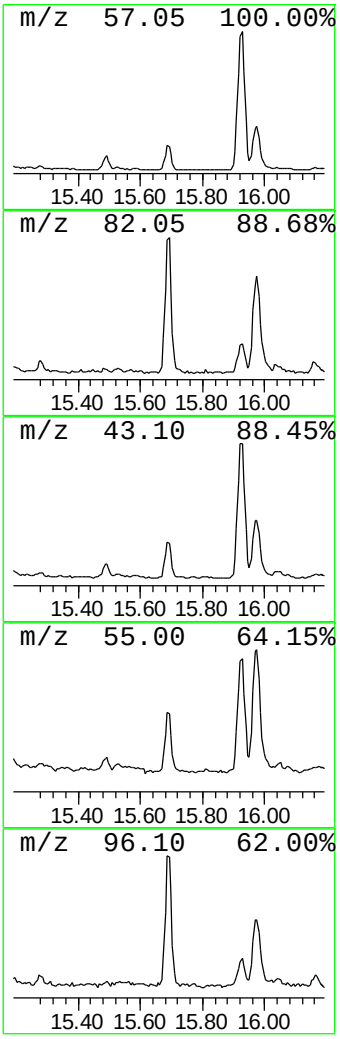
Peak Number 15 Octadecanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	6.21 ng	440929	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4	Tetradecanal	212	C14H28O	000124-25-4	90
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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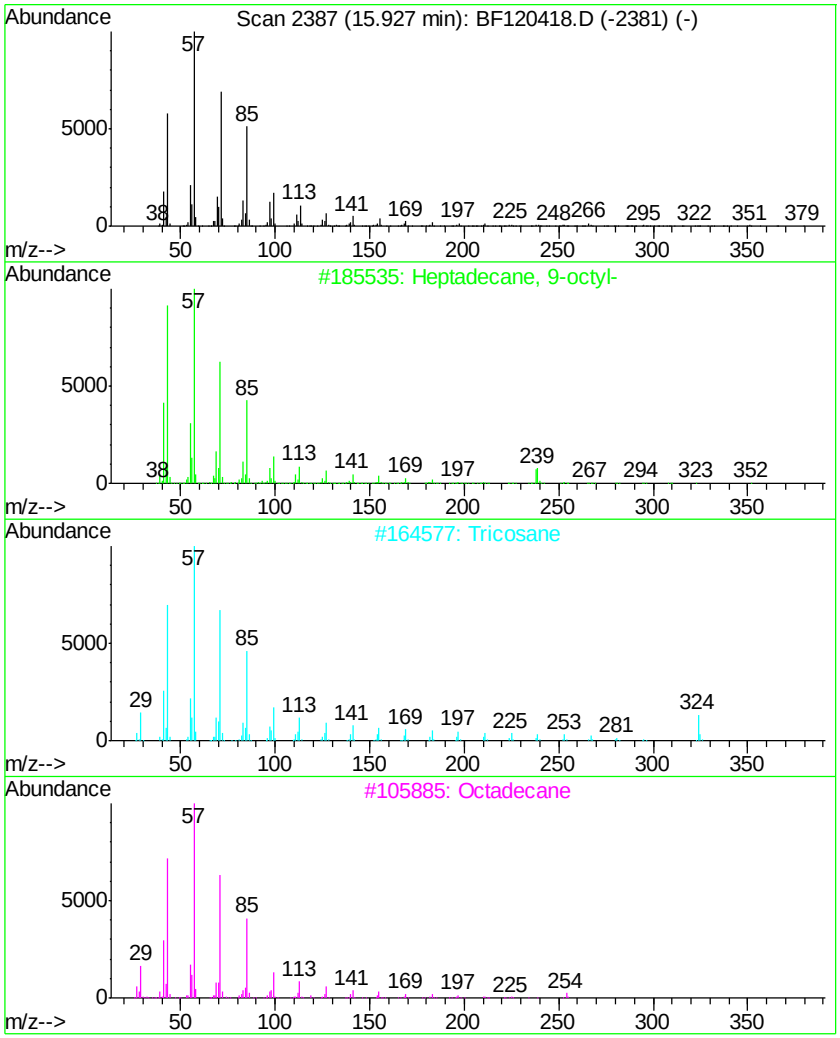
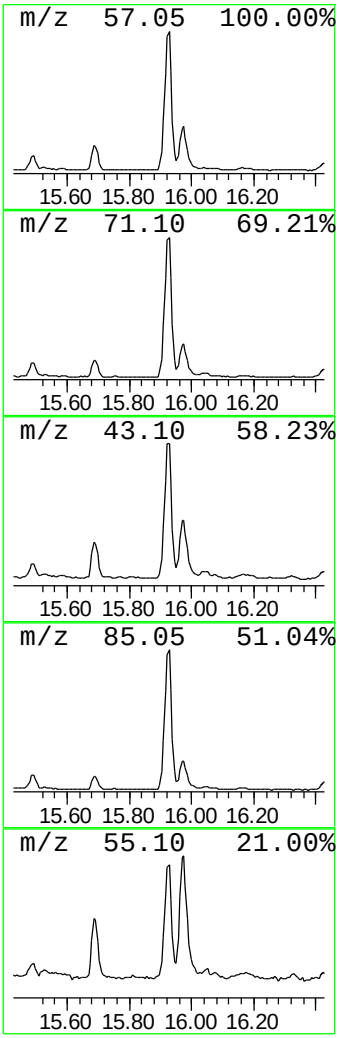
Peak Number 16 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	20.30 ng	1440350	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	97
2	Tricosane	324	C23H48	000638-67-5	95
3	Octadecane	254	C18H38	000593-45-3	94
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
5	Pentacosane	352	C25H52	000629-99-2	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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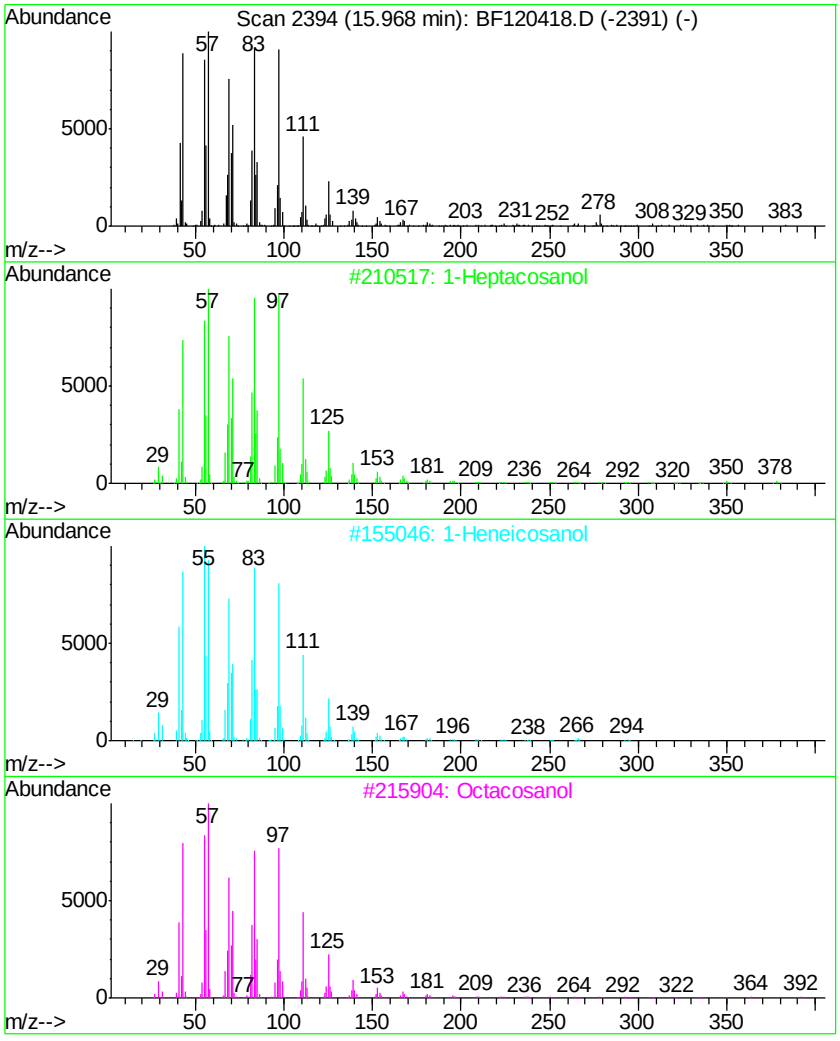
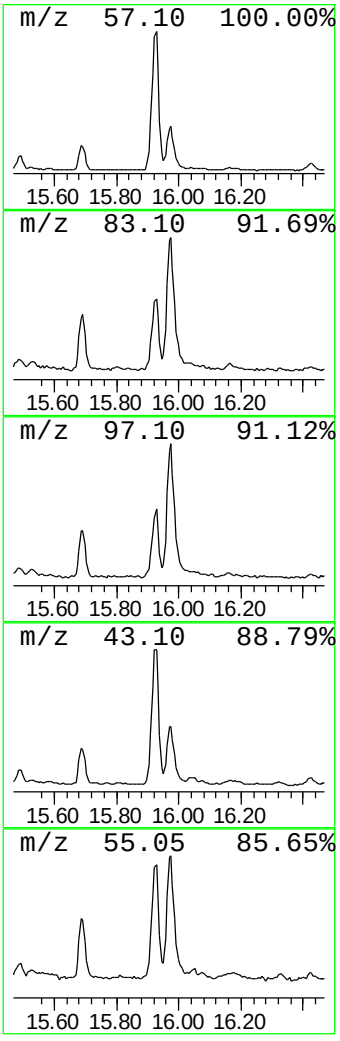
Peak Number 17 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	13.06 ng	926832	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Octacosanol	410	C28H58O	000557-61-9	95
4	Octacosyl acetate	452	C30H60O2	018206-97-8	94
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94





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ClientSampleId : NM83-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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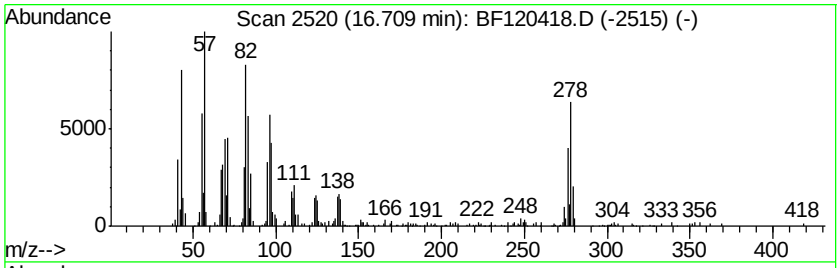
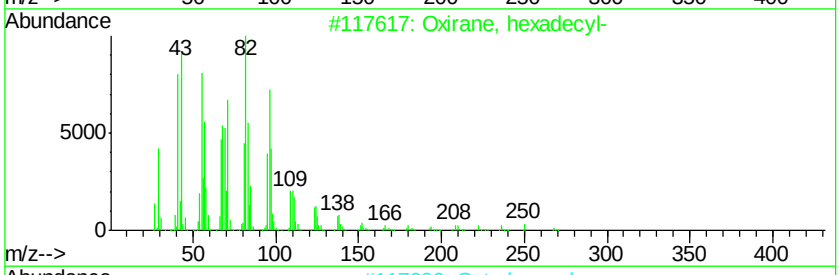
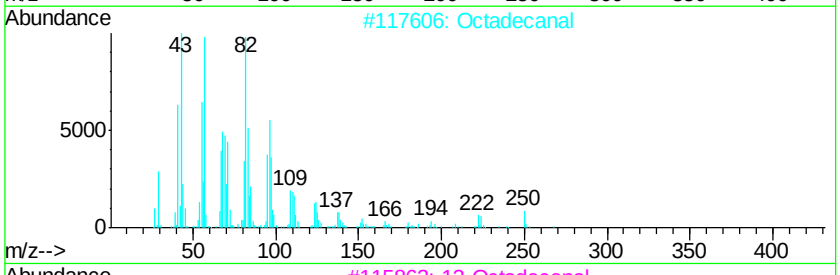
Peak Number 18 13-Octadecenal Concentration Rank 12

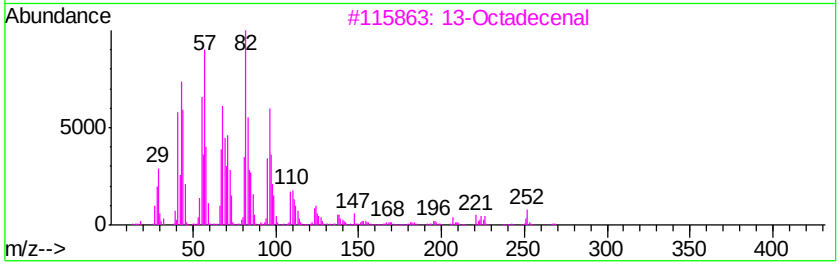
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	7.16 ng	508337	Perylene-d12	15.45

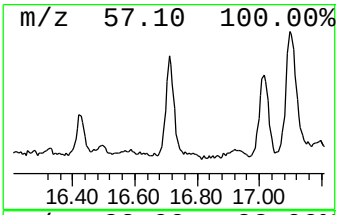
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
2	Octadecanal	268	C18H36O	000638-66-4	64
3	13-Octadecenal	266	C18H34O	056554-90-6	60
4	16-Octadecenal	266	C18H34O	056554-87-1	53
5	17-Octadecenal	266	C18H34O	056554-86-0	53

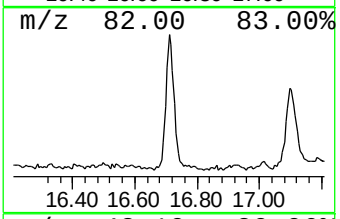


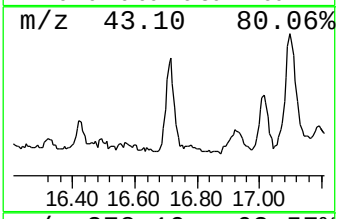


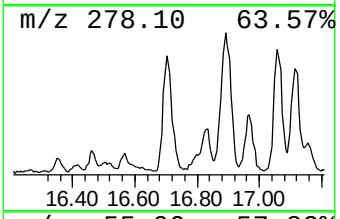


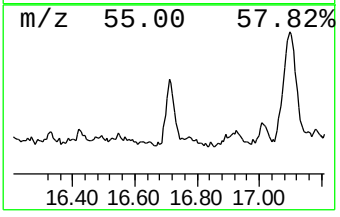












Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120418.D
Acq On : 28 May 2020 20:00
Operator : MA/SJ
Sample : L2746-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM83-COMP-2020-0-6

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

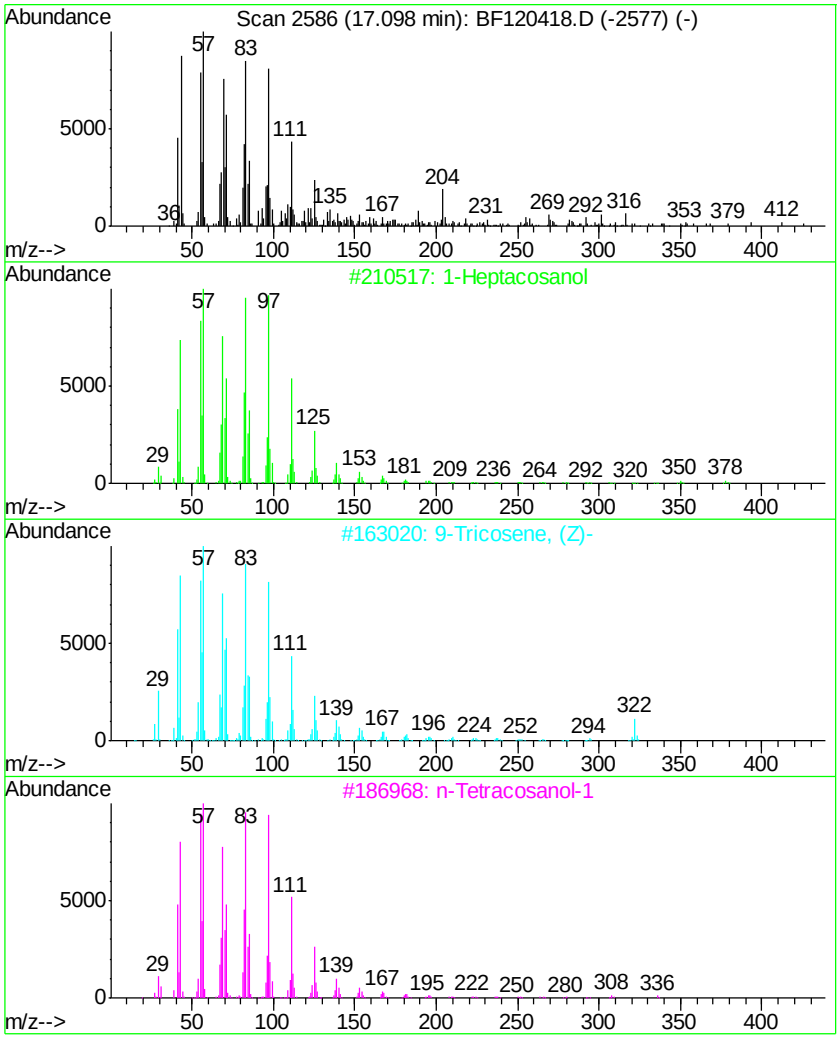
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

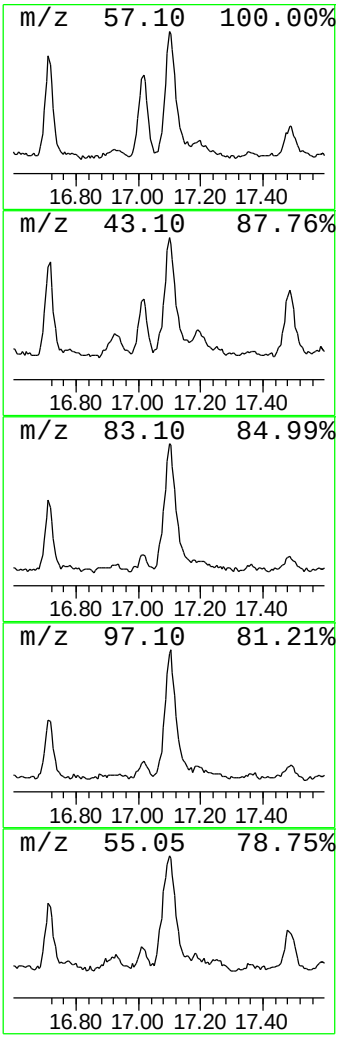
****

Peak Number 19 9-Tricosene, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	17.40 ng	1234820	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Behenic alcohol	326	C22H46O	000661-19-8	90
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120418.D
Acq On : 28 May 2020 20:00
Operator : MA/SJ
Sample : L2746-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM83-COMP-2020-0-6

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

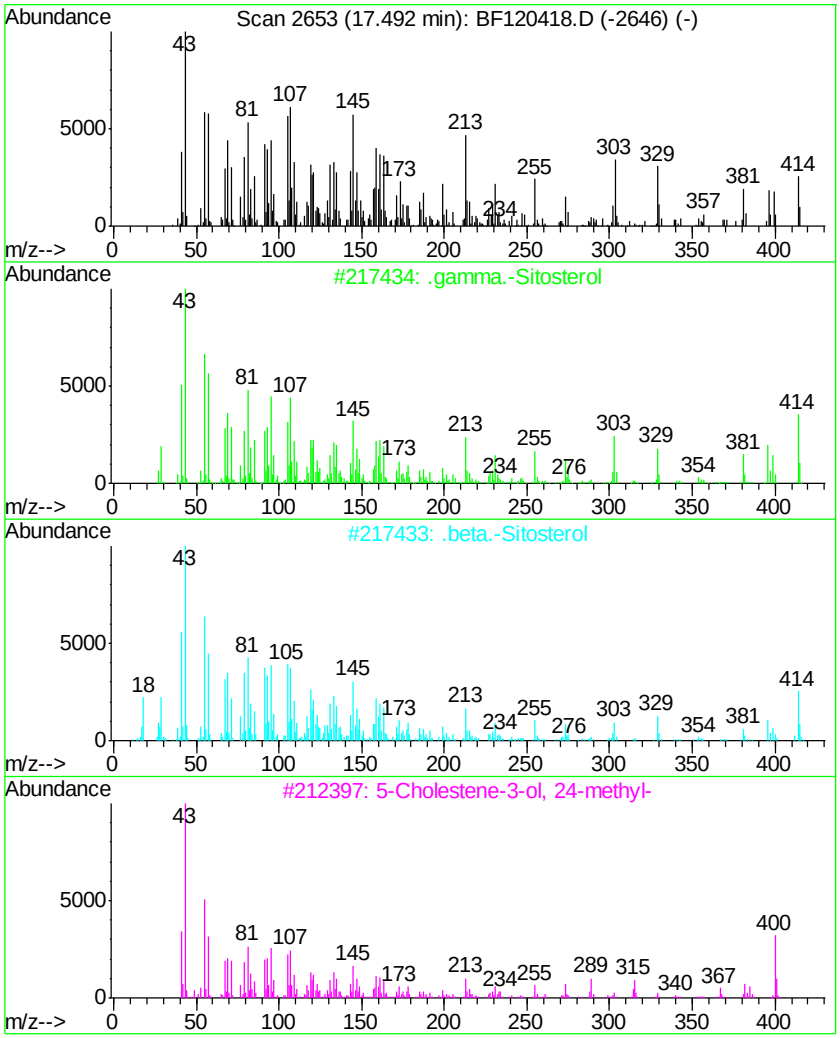
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

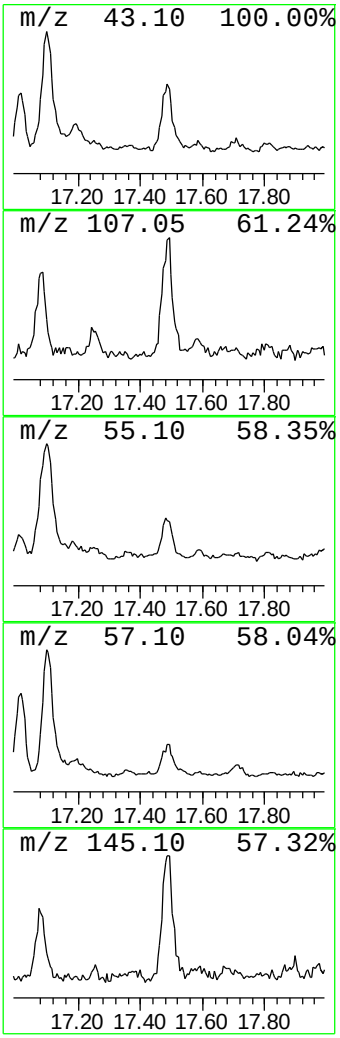
****

Peak Number 20 .gamma.-Sitosterol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	7.55 ng	535870	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	96
3	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	46
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	41
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120418.D
Acq On : 28 May 2020 20:00
Operator : MA/SJ
Sample : L2746-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM83-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
Cyclohexane	1.92	7.0	ng	501909	1	6.84	1435500	20.0
Methylene chloride	1.96	27.7	ng	1991240	1	6.84	1435500	20.0
Butane, 2-methoxy...	2.09	20.0	ng	1434420	1	6.84	1435500	20.0
13-Borabicyclo[7....	11.82	3.4	ng	291794	4	11.36	1698710	20.0
Phenanthrene, 2-m...	11.86	4.6	ng	389579	4	11.36	1698710	20.0
n-Hexadecanoic acid	11.89	13.1	ng	1109130	4	11.36	1698710	20.0
Benzaldehyde, 3,5...	11.97	3.6	ng	310369	4	11.36	1698710	20.0
5-Eicosene, (E)-	13.84	6.5	ng	924297	5	13.99	2828770	20.0
Nonadecane, 1-chl...	14.47	4.5	ng	636676	5	13.99	2828770	20.0
Oxirane, hexadecyl-	14.92	6.3	ng	444959	6	15.45	1418970	20.0
Heneicosane	15.12	10.1	ng	712829	6	15.45	1418970	20.0
9-Octadecene, (E)-	15.13	17.1	ng	1214570	6	15.45	1418970	20.0
Benzo[e]pyrene	15.32	9.4	ng	668001	6	15.45	1418970	20.0
Octadecanal	15.69	6.2	ng	440929	6	15.45	1418970	20.0
Heptadecane, 9-oc...	15.93	20.3	ng	1440350	6	15.45	1418970	20.0
1-Heptacosanol	15.97	13.1	ng	926832	6	15.45	1418970	20.0
13-Octadecenal	16.71	7.2	ng	508337	6	15.45	1418970	20.0
9-Tricosene, (Z)-	17.10	17.4	ng	1234820	6	15.45	1418970	20.0
.gamma.-Sitosterol	17.49	7.5	ng	535870	6	15.45	1418970	20.0