LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120415.D
Acq On : 28 May 2020 18:33
Operator : MA/SJ
Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-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	399769	503308	11.13%	0.872%
2	2.081	28	33	41	rVB	815238	1005543	22.25%	1.743%
3	5.045	534	537	550	rVB2	174862	269831	5.97%	0.468%
4	5.451	601	606	609	rBV	3941657	3695212	81.75%	6.405%
5	6.086	710	714	722	rBV2	36023	61809	1.37%	0.107%
6	6.463	773	778	781	rBV	3902109	3741094	82.76%	6.484%
7	6.663	809	812	817	rBV	157119	130251	2.88%	0.226%
8	6.839	838	842	845	rBV	1814781	1394039	30.84%	2.416%
9	6.998	865	869	872	rVB	3821971	3346957	74.04%	5.801%
10	7.398	932	937	940	rBV	2808758	2498264	55.27%	4.330%
11	8.122	1056	1060	1063	rBV	2110839	1729785	38.27%	2.998%
12	9.198	1238	1243	1246	rBV	5109684	4520189	100.00%	7.835%
13	9.586	1306	1309	1315	rBV	756103	628522	13.90%	1.089%
14	9.733	1330	1334	1337	rBV	67532	51985	1.15%	0.090%
15	9.874	1353	1358	1361	rBV	2191555	1787879	39.55%	3.099%
16	9.904	1361	1363	1366	rVB	90477	73816	1.63%	0.128%
17	10.074	1389	1392	1396	rBV	71518	67043	1.48%	0.116%
18	10.416	1447	1450	1455	rVB	69082	62597	1.38%	0.108%
19	10.657	1486	1491	1495	rBV	2730613	2495449	55.21%	4.325%
20	11.004	1546	1550	1555	rBV4	97044	138617	3.07%	0.240%
21	11.157	1573	1576	1581	rVB2	43398	53720	1.19%	0.093%
22	11.233	1581	1589	1590	rBV5	32497	75015	1.66%	0.130%
23	11.304	1598	1601	1605	rBV	157041	162411	3.59%	0.281%
24	11.357	1605	1610	1612	rVV	1969163	1790523	39.61%	3.103%
25	11.380	1612	1614	1617	rVV	989118	729553	16.14%	1.265%
26	11.433	1618	1623	1626	rVB	193057	206634	4.57%	0.358%
27	11.580	1643	1648	1652	rBV2	132430	164718	3.64%	0.285%
28	11.668	1662	1663	1670	rVB4	38377	54333	1.20%	0.094%
29	11.816	1683	1688	1691	rBV2	190635	220898	4.89%	0.383%
30	11.851	1691	1694	1697	rVV2	209196	255317	5.65%	0.443%
31	11.886	1697	1700	1705	rVV	731295	637205	14.10%	1.104%
32	11.933	1705	1708	1711	rVB2	62059	65332	1.45%	0.113%
33	11.968	1711	1714	1717	rBV	178104	188159	4.16%	0.326%
34	12.063	1727	1730	1737	rVV4	123312	142309	3.15%	0.247%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120415.D
Acq On : 28 May 2020 18:33
Operator : MA/SJ
Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-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	12.151	1741	1745	1747	rVV	94910	109311	2.42%	0.189%
36	12.174	1747	1749	1753	rVB2	116433	100784	2.23%	0.175%
37	12.404	1785	1788	1792	rBV2	80650	90298	2.00%	0.157%
38	12.445	1792	1795	1799	rVV5	52601	84883	1.88%	0.147%
39	12.486	1799	1802	1805	rVV2	141463	144253	3.19%	0.250%
40	12.568	1809	1816	1819	rVV2	1586263	2020824	44.71%	3.503%
41	12.610	1819	1823	1829	rVV5	139678	266869	5.90%	0.463%
42	12.668	1830	1833	1836	rVV3	123556	147819	3.27%	0.256%
43	12.721	1840	1842	1848	rVV2	54704	63792	1.41%	0.111%
44	12.798	1848	1855	1858	rVV	1251795	1310820	29.00%	2.272%
45	12.845	1861	1863	1868	rVB2	75438	79421	1.76%	0.138%
46	12.915	1872	1875	1876	rBV	74393	63238	1.40%	0.110%
47	12.945	1876	1880	1883	rVV	4442471	3992872	88.33%	6.921%
48	13.015	1887	1892	1895	rBV2	85282	143809	3.18%	0.249%
49	13.121	1908	1910	1913	rVB	155683	144920	3.21%	0.251%
50	13.157	1913	1916	1918	rBV2	91470	98686	2.18%	0.171%
51	13.192	1918	1922	1924	rVB2	108968	128916	2.85%	0.223%
52	13.227	1924	1928	1931	rBV2	144420	140683	3.11%	0.244%
53	13.321	1941	1944	1946	rVB	76797	71627	1.58%	0.124%
54	13.351	1946	1949	1952	rBV3	85851	89495	1.98%	0.155%
55	13.398	1954	1957	1959	rVV	89266	76019	1.68%	0.132%
56	13.521	1972	1978	1981	rBV6	74796	131089	2.90%	0.227%
57	13.627	1993	1996	2001	rVB	112402	147730	3.27%	0.256%
58	13.739	2011	2015	2018	rBV2	105918	159402	3.53%	0.276%
59	13.768	2018	2020	2022	rVV	118665	104076	2.30%	0.180%
60	13.792	2022	2024	2028	rVV2	106265	138087	3.05%	0.239%
61	13.839	2028	2032	2040	rVB3	426586	599674	13.27%	1.039%
62	13.992	2050	2058	2061	rBV2	1946672	2514208	55.62%	4.358%
63	14.015	2061	2062	2068	rVB	663272	510465	11.29%	0.885%
64	14.098	2073	2076	2080	rVB	105180	91328	2.02%	0.158%
65	14.168	2086	2088	2092	rVB3	90396	95282	2.11%	0.165%
66	14.209	2092	2095	2100	rVB2	55673	71095	1.57%	0.123%
67	14.286	2106	2108	2110	rBV	89304	70842	1.57%	0.123%
68	14.380	2121	2124	2127	rVB	104659	99943	2.21%	0.173%
69	14.409	2127	2129	2132	rVB2	82476	77653	1.72%	0.135%
70	14.474	2136	2140	2143	rBV3	379507	455458	10.08%	0.789%
71	14.921	2212	2216	2221	rVB2	244492	266015	5.89%	0.461%

LSC Area Percent Report

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Acq On : 28 May 2020 18:33
Operator : MA/SJ
Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.021	2229	2233	2236	rBV	601433	890994	19.71%	1.544%
73	15.109	2244	2248	2250	rBV2	399261	485884	10.75%	0.842%
74	15.133	2250	2252	2264	rVB2	482881	677219	14.98%	1.174%
75	15.321	2280	2284	2290	rVB	382605	480611	10.63%	0.833%
76	15.380	2290	2294	2300	rBV	492823	573793	12.69%	0.995%
77	15.445	2300	2305	2308	rBV	1232052	1456423	32.22%	2.524%
78	15.474	2308	2310	2317	rVB3	183847	311334	6.89%	0.540%
79	15.686	2343	2346	2351	rVB	171522	207730	4.60%	0.360%
80	15.921	2381	2386	2391	rBV	841777	1270018	28.10%	2.201%
81	15.974	2391	2395	2404	rVB2	270964	510799	11.30%	0.885%
82	16.715	2516	2521	2528	rVB4	127687	253955	5.62%	0.440%
83	16.880	2544	2549	2554	rBV2	210481	430867	9.53%	0.747%
84	17.080	2576	2583	2598	rBV7	649332	1548582	34.26%	2.684%
85	17.309	2618	2622	2634	rVB	154520	299742	6.63%	0.520%
86	17.486	2646	2652	2659	rBV3	203571	447013	9.89%	0.775%

Sum of corrected areas: 57694967

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
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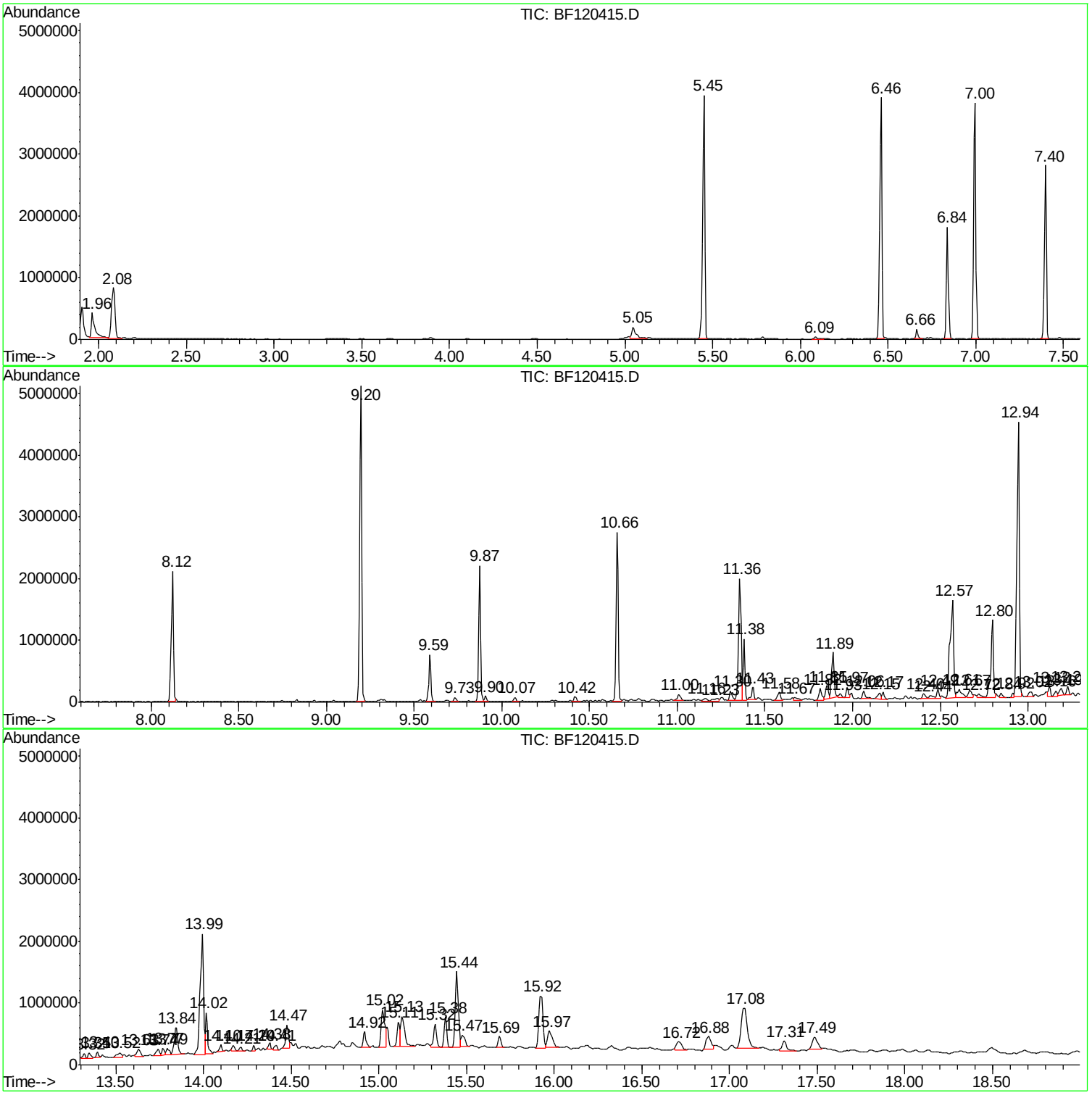
Instrument :
BNA_F
ClientSampleId :
NM110-COMP-2020-0-6

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\BF052820\
Data File : BF120415.D
Acq On : 28 May 2020 18:33
Operator : MA/SJ
Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-COMP-2020-0-6

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

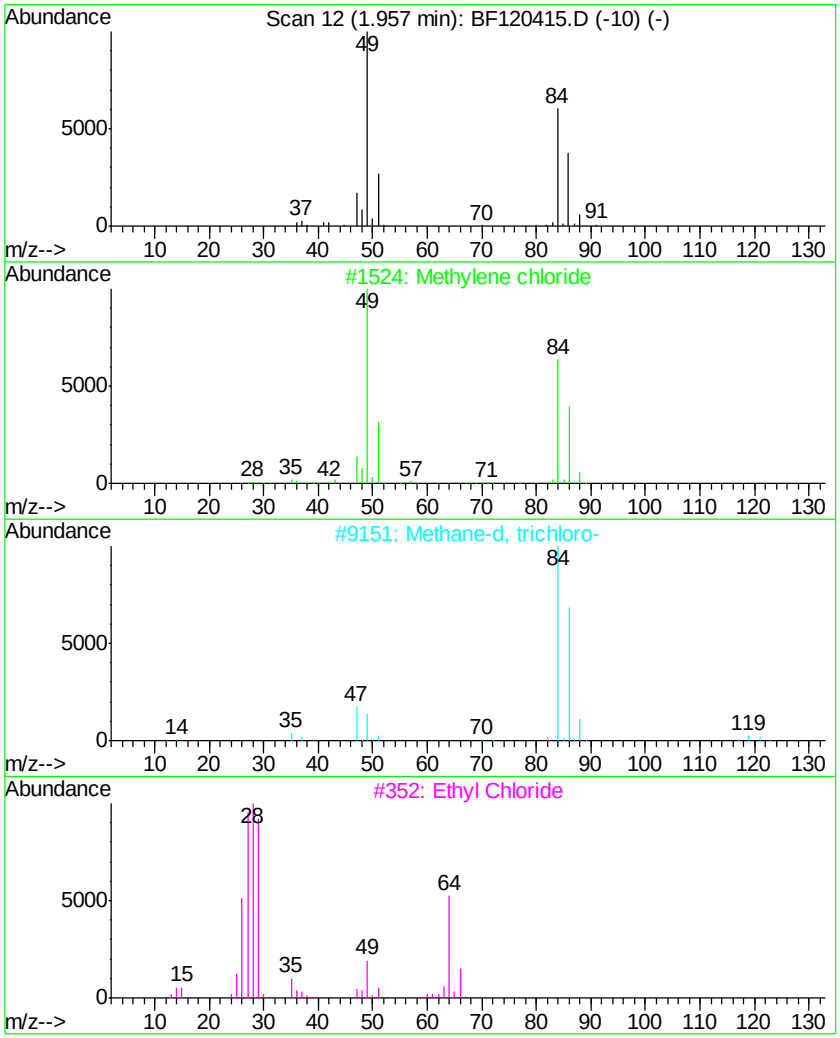
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

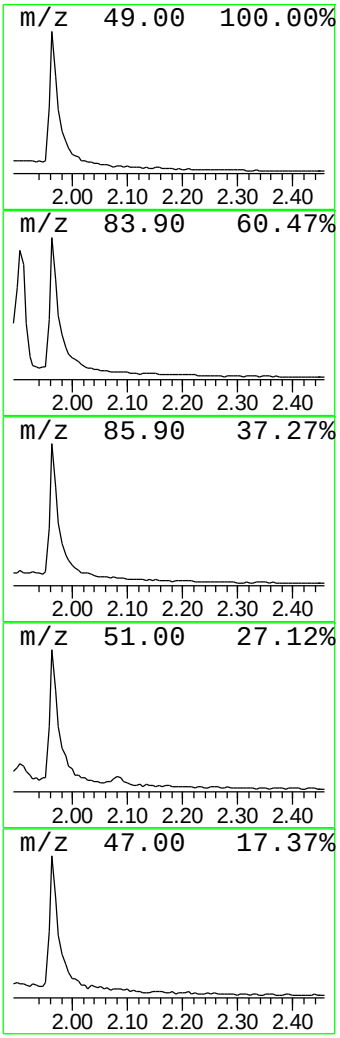
****

Peak Number 1 Methylene chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	7.22 ng	503308	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	9
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4	Propanenitrile, 3-chloro-	89	C3H4ClN	000542-76-7	2
5	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120415.D
Acq On : 28 May 2020 18:33
Operator : MA/SJ
Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-COMP-2020-0-6

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

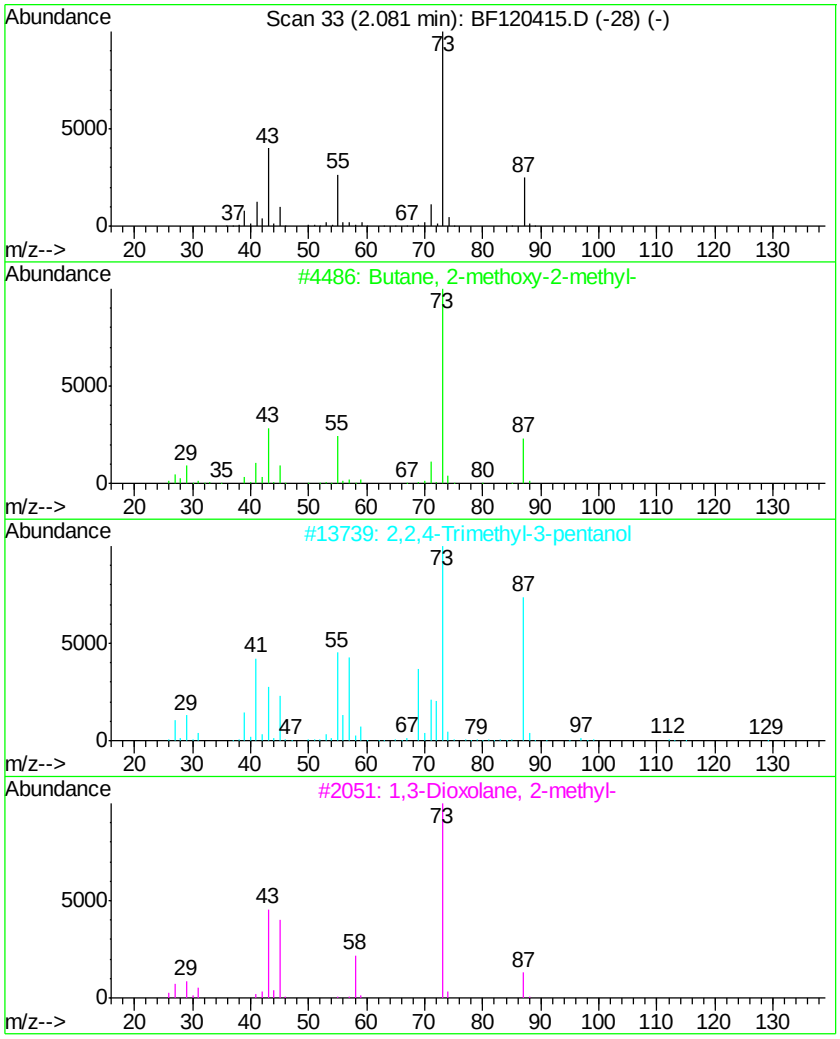
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

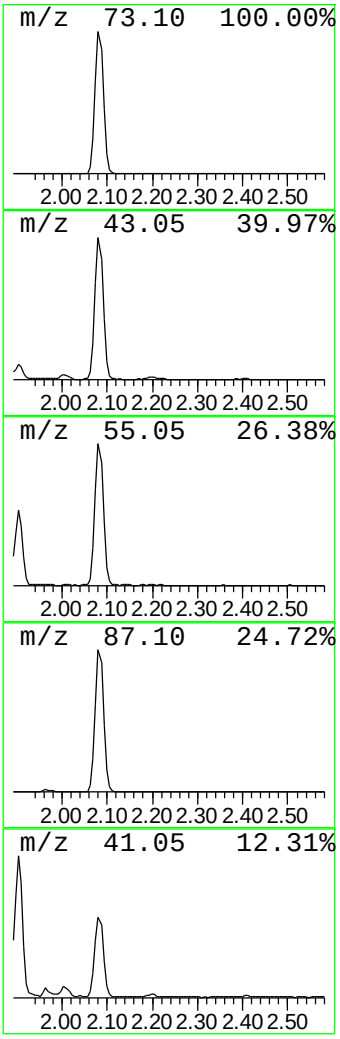
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.08	14.43 ng	1005540	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





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120415.D
Acq On : 28 May 2020 18:33
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Misc :
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Instrument : BNA_F
ClientSampleId : NM110-COMP-2020-0-6

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

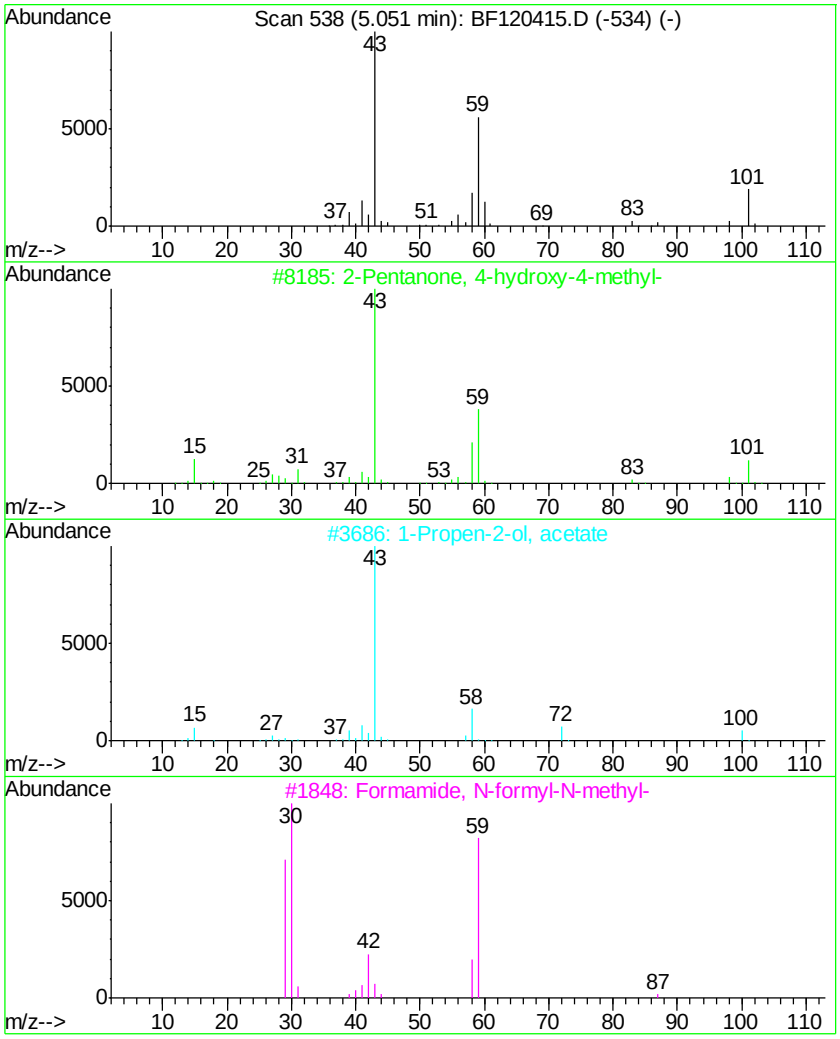
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

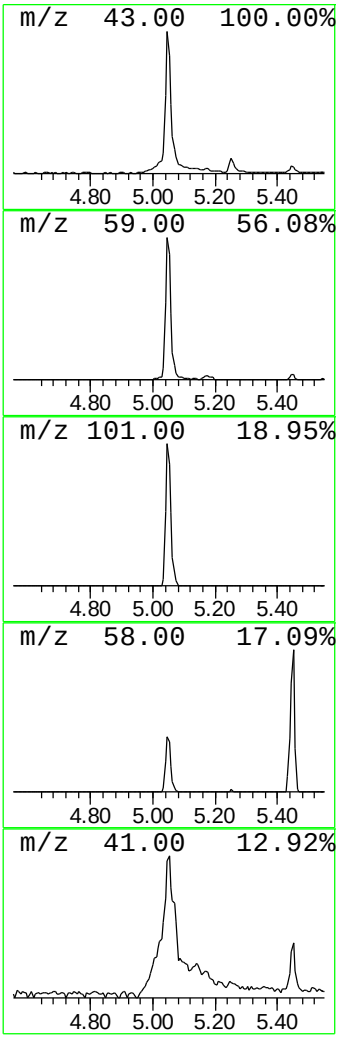
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	3.87 ng	269831	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Formamide, N-formyl-N-methyl-	87	C3H5NO2	018197-25-6	9
4	Acetone	58	C3H6O	000067-64-1	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120415.D
Acq On : 28 May 2020 18:33
Operator : MA/SJ
Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-COMP-2020-0-6

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

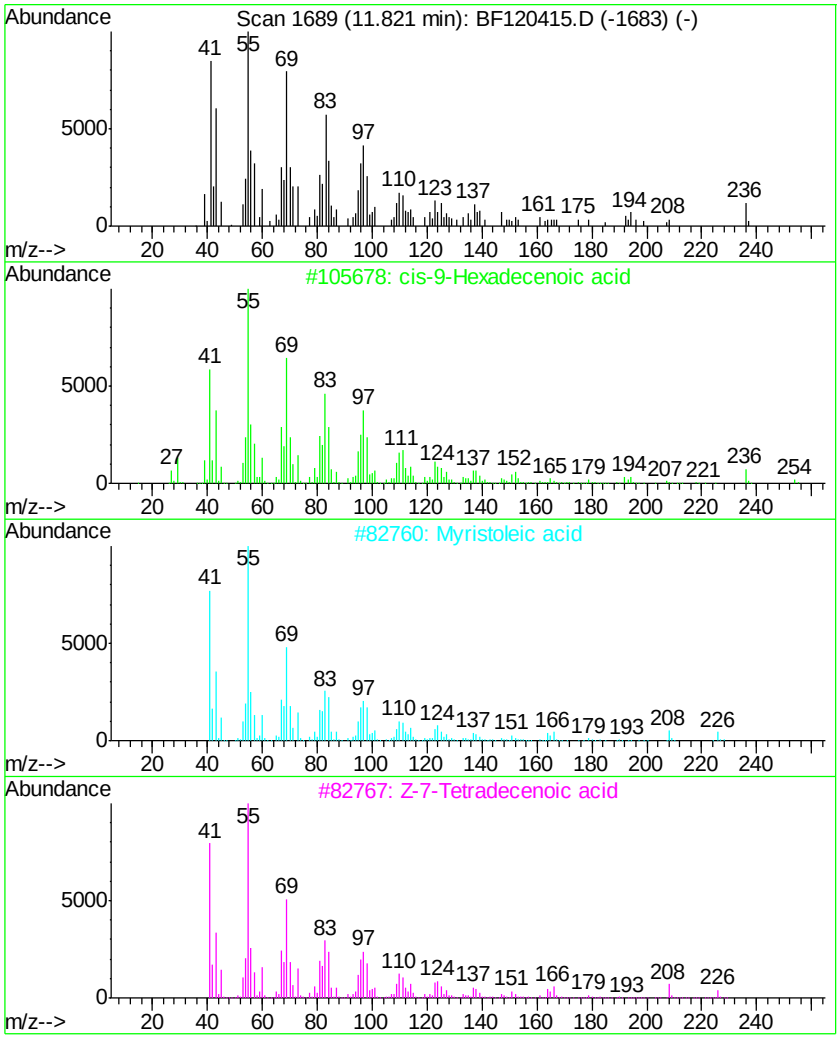
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

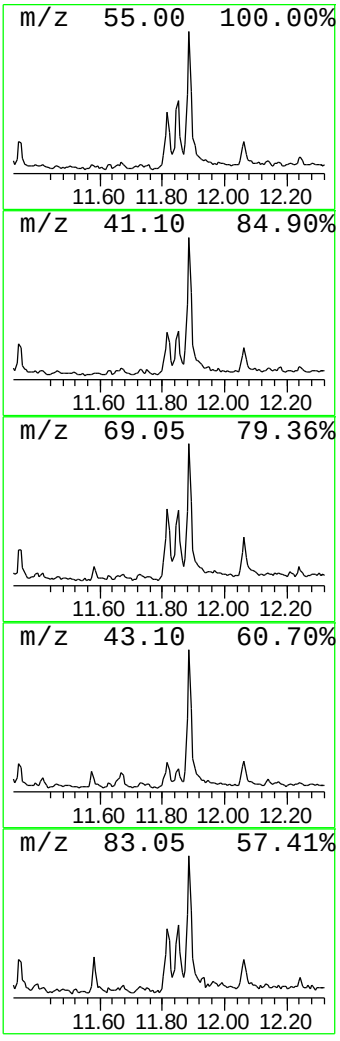
****

Peak Number 5 cis-9-Hexadecenoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.47 ng	220898	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	87
2	Myristoleic acid	226	C14H26O2	000544-64-9	80
3	Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	80
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	74
5	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120415.D
Acq On : 28 May 2020 18:33
Operator : MA/SJ
Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-COMP-2020-0-6

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

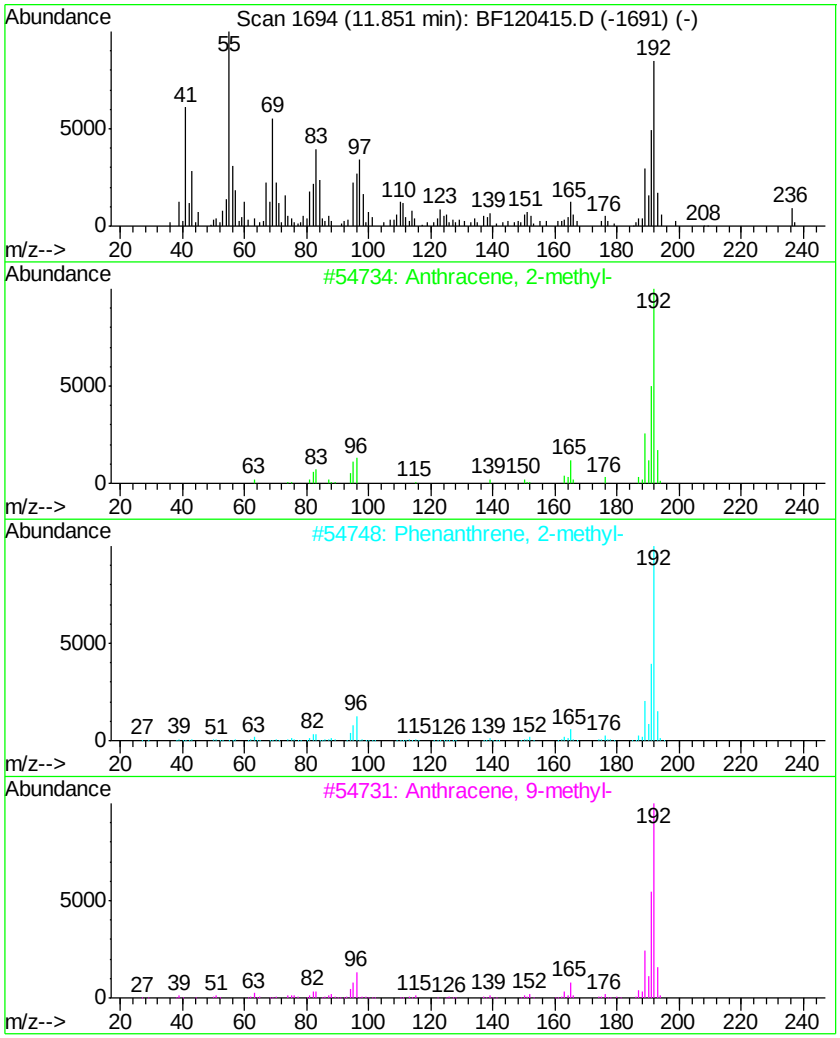
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

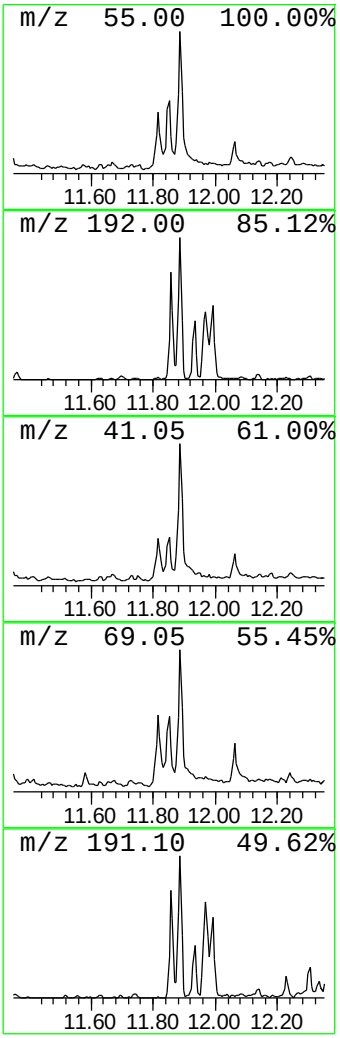
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.85 ng	255317	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	55
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120415.D
Acq On : 28 May 2020 18:33
Operator : MA/SJ
Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-COMP-2020-0-6

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

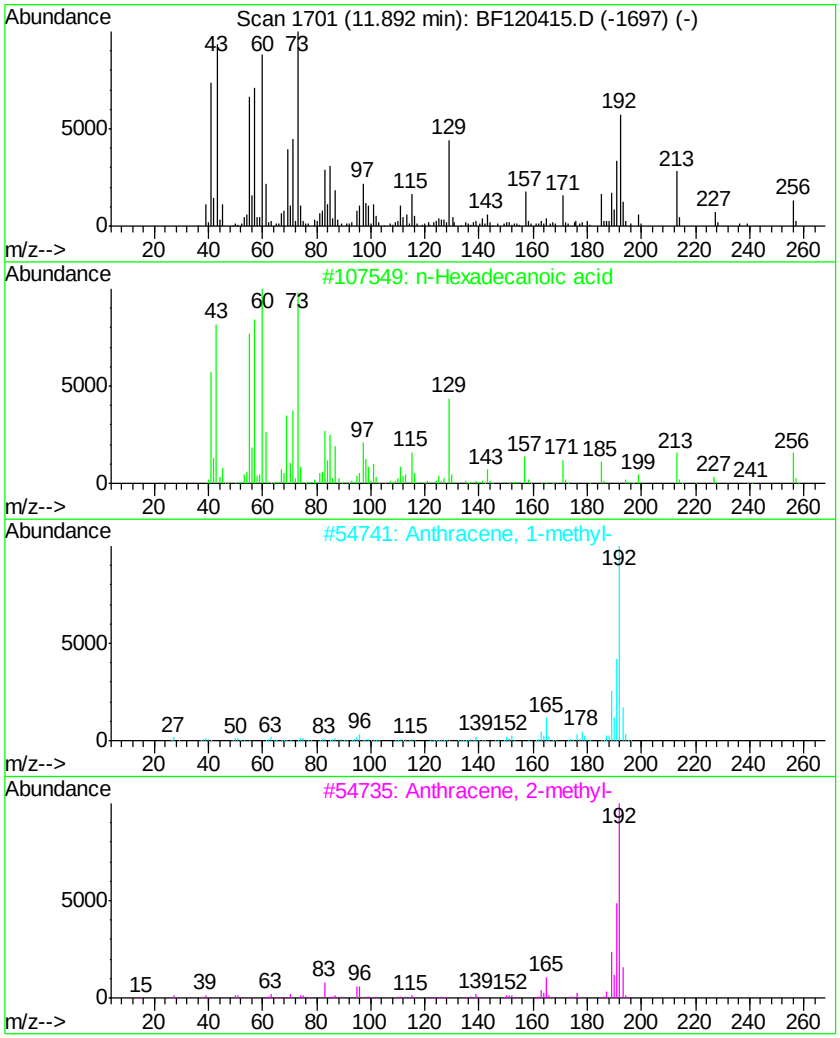
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

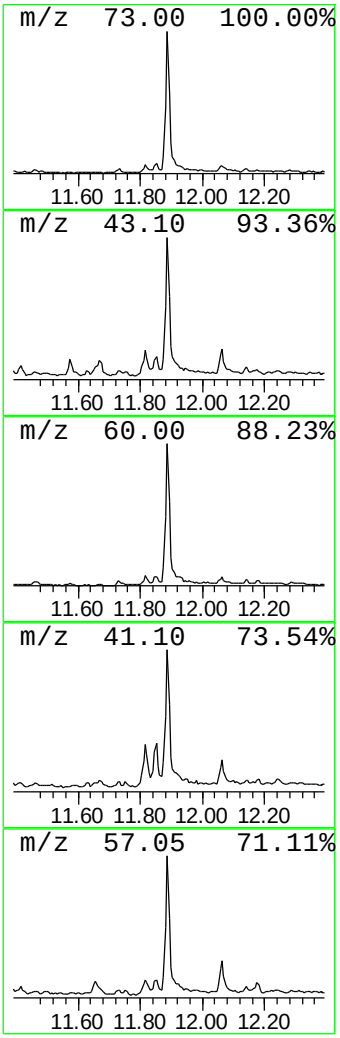
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	7.12 ng	637205	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





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Data File : BF120415.D
Acq On : 28 May 2020 18:33
Operator : MA/SJ
Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-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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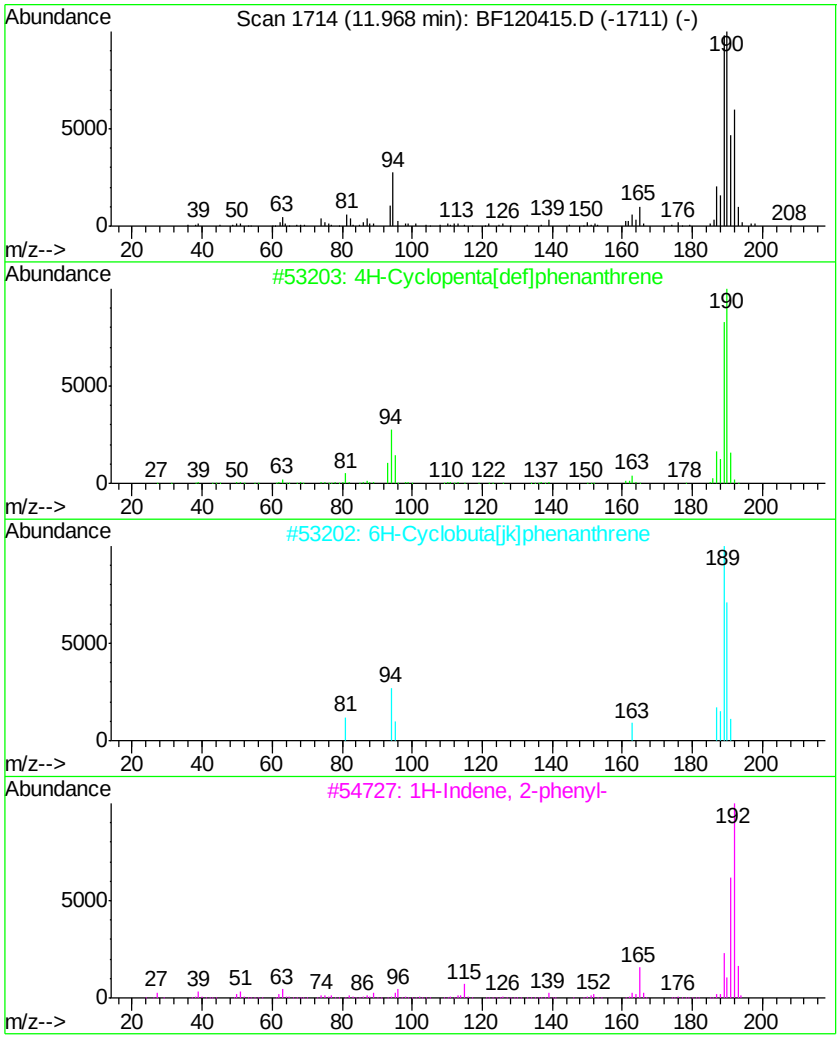
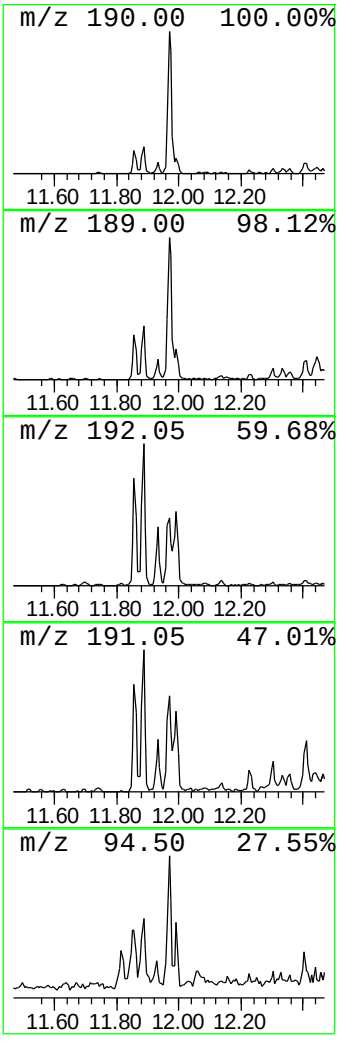
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.10 ng	188159	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	27
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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Acq On : 28 May 2020 18:33
Operator : MA/SJ
Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-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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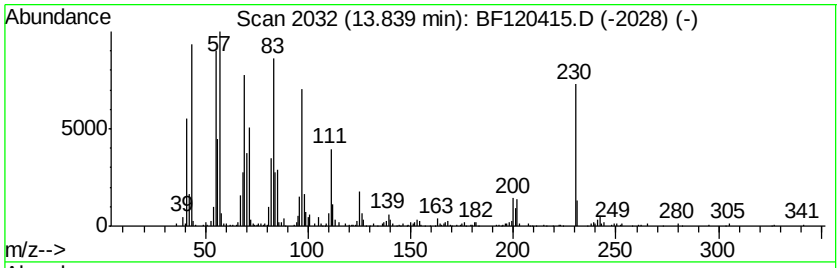
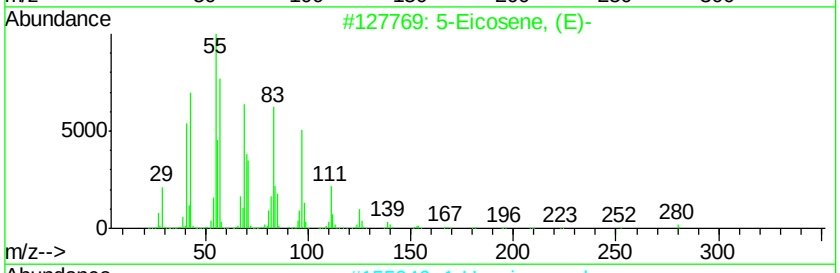
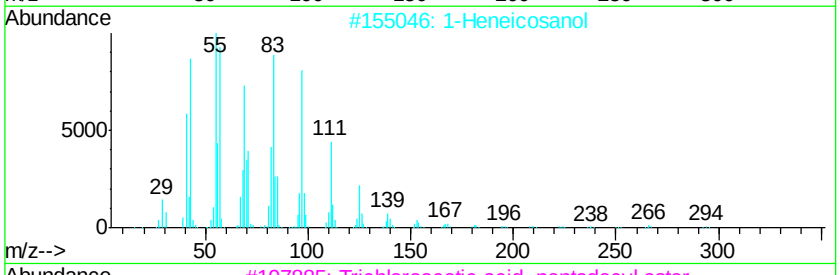
Peak Number 9 5-Eicosene, (E)- Concentration Rank 12

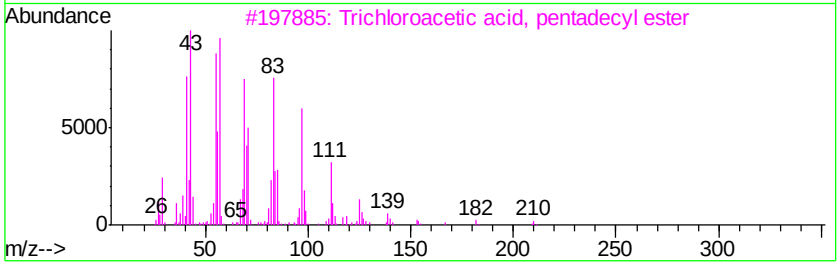
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	4.77 ng	599674	Chrysene-d12	13.99

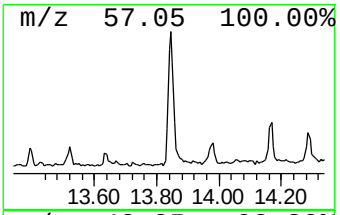
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91

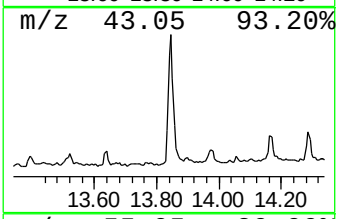


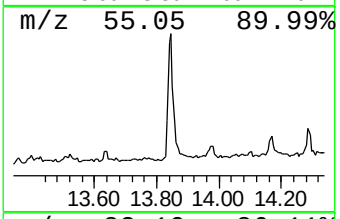


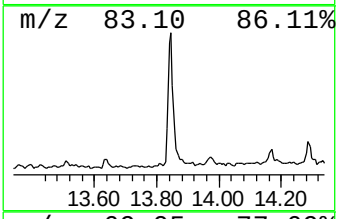


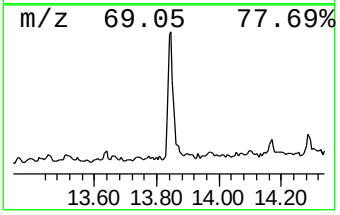












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Data File : BF120415.D
Acq On : 28 May 2020 18:33
Operator : MA/SJ
Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-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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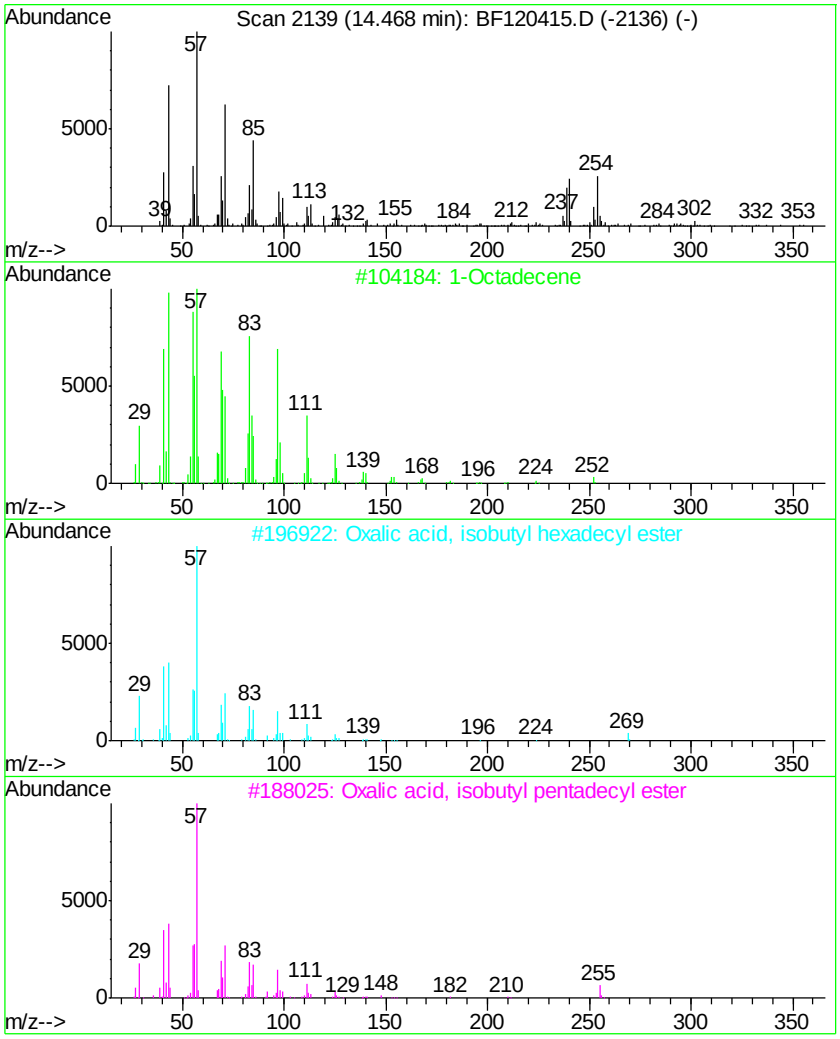
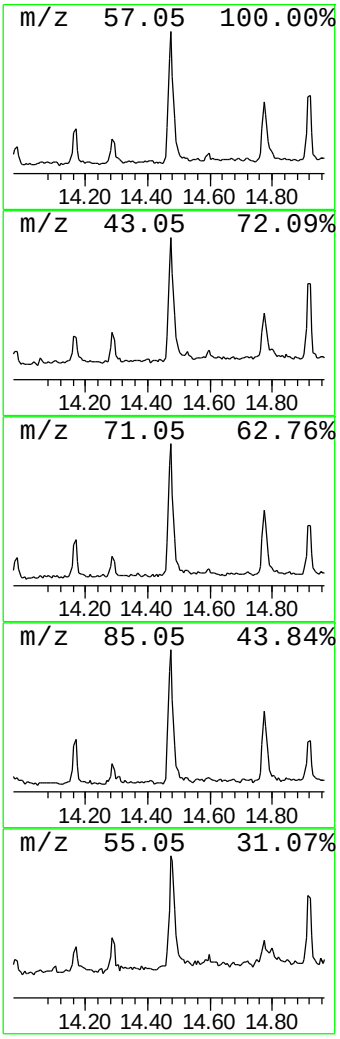
Peak Number 10 1-Octadecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	3.62 ng	455458	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	81
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	74
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	74
5	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	64





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Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-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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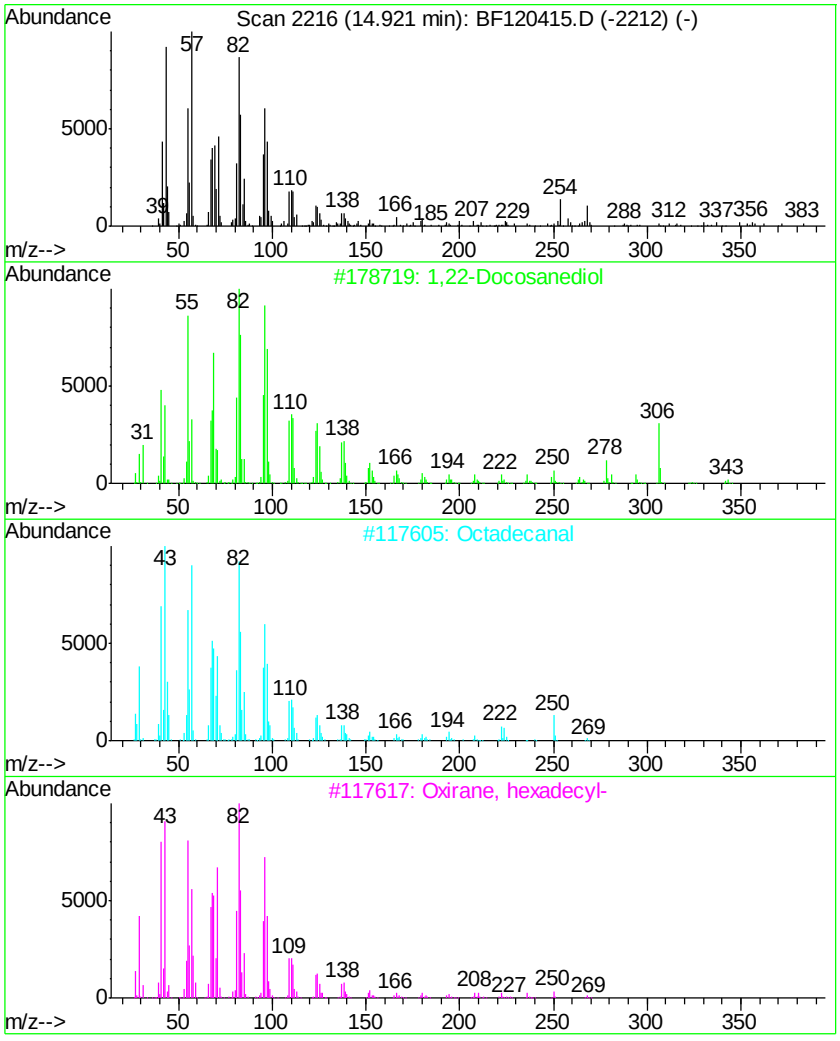
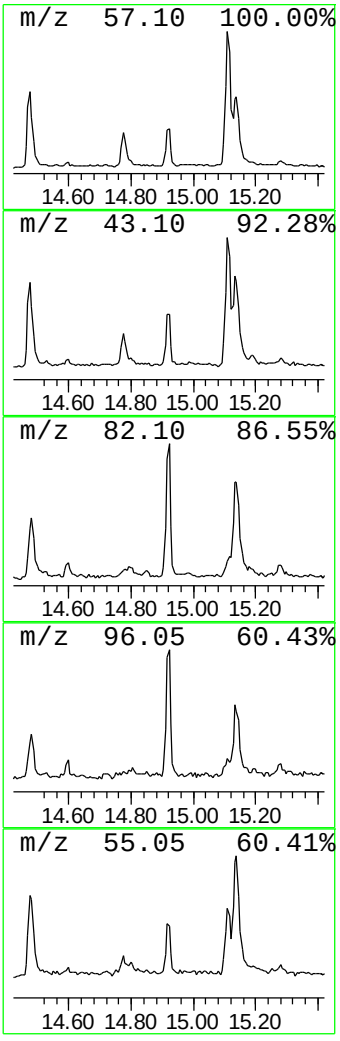
Peak Number 11 1,22-Docosanediol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	3.65 ng	266015	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,22-Docosanediol	342	C22H46O2	022513-81-1	93
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
5	16-Octadecenal	266	C18H34O	056554-87-1	74





Library Search Compound Report

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Sample : L2746-04
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Instrument : BNA_F
ClientSampleId : NM110-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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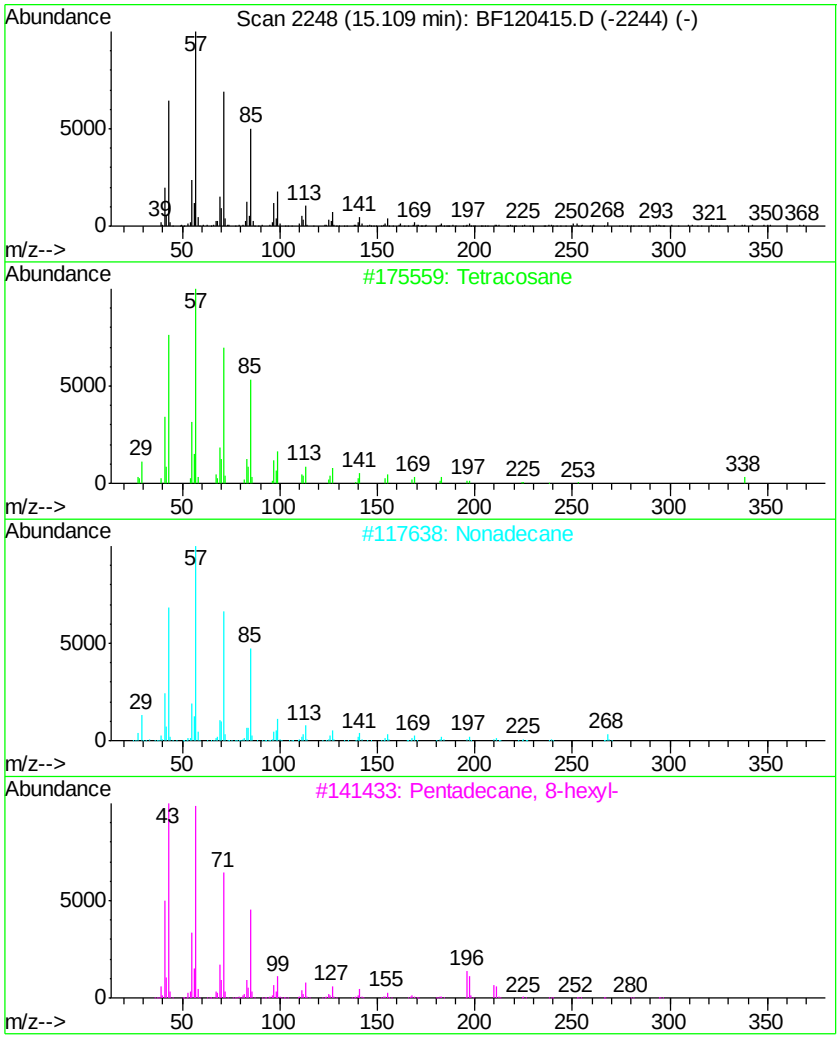
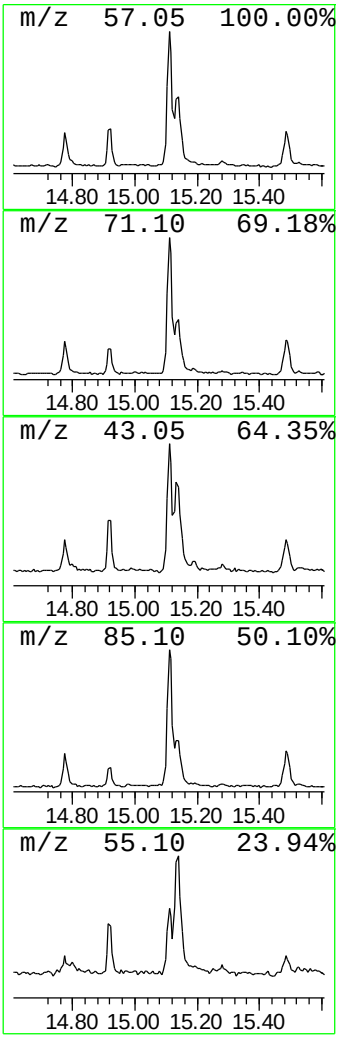
Peak Number 12 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	6.67 ng	485884	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Nonadecane	268	C19H40	000629-92-5	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Heneicosane	296	C21H44	000629-94-7	91





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-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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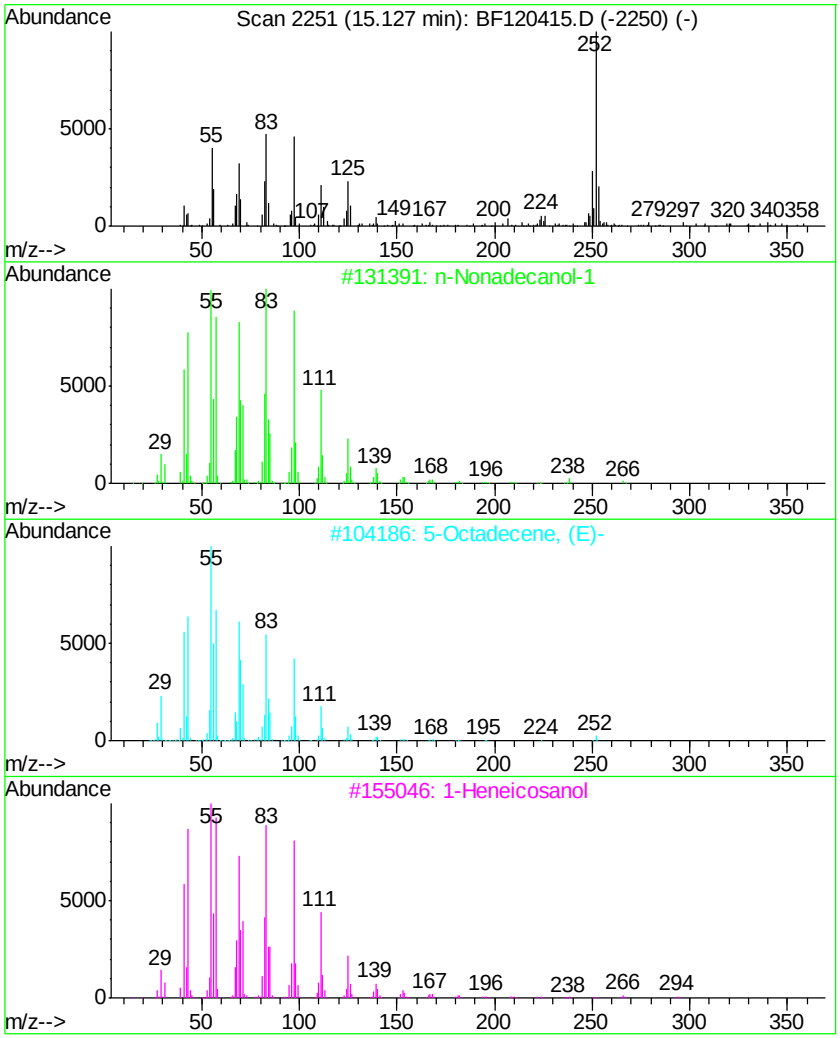
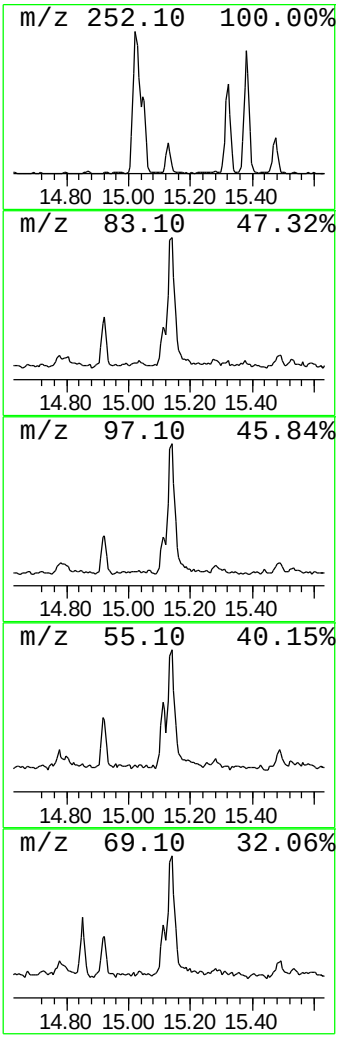
Peak Number 13 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	9.30 ng	677219	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	86
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	80
3	1-Heneicosanol	312	C21H44O	015594-90-8	70
4	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	58
5	Cyclopentadecane	210	C15H30	000295-48-7	53





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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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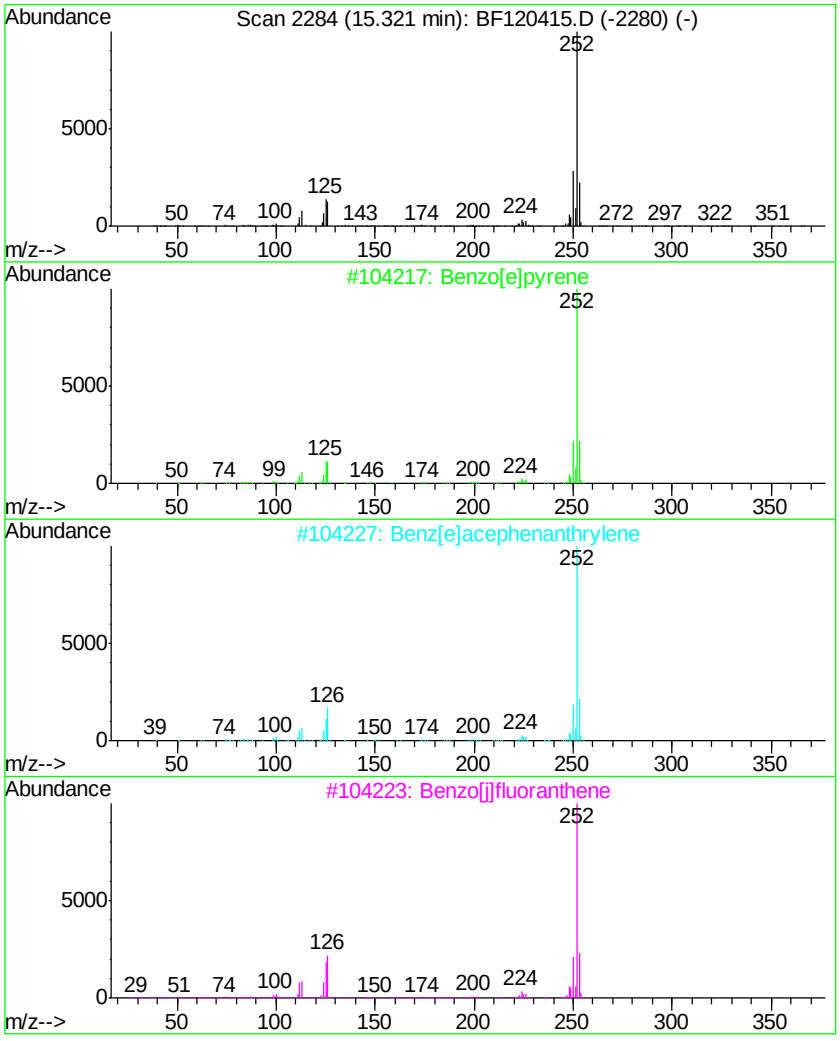
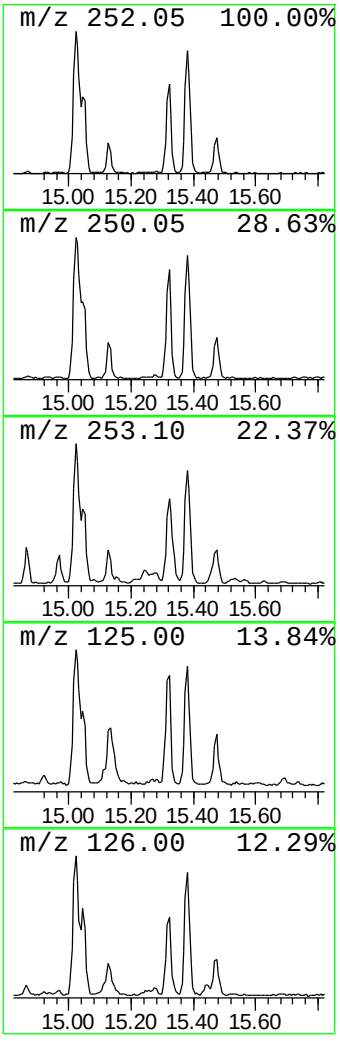
Peak Number 14 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	6.60 ng	480611	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





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Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-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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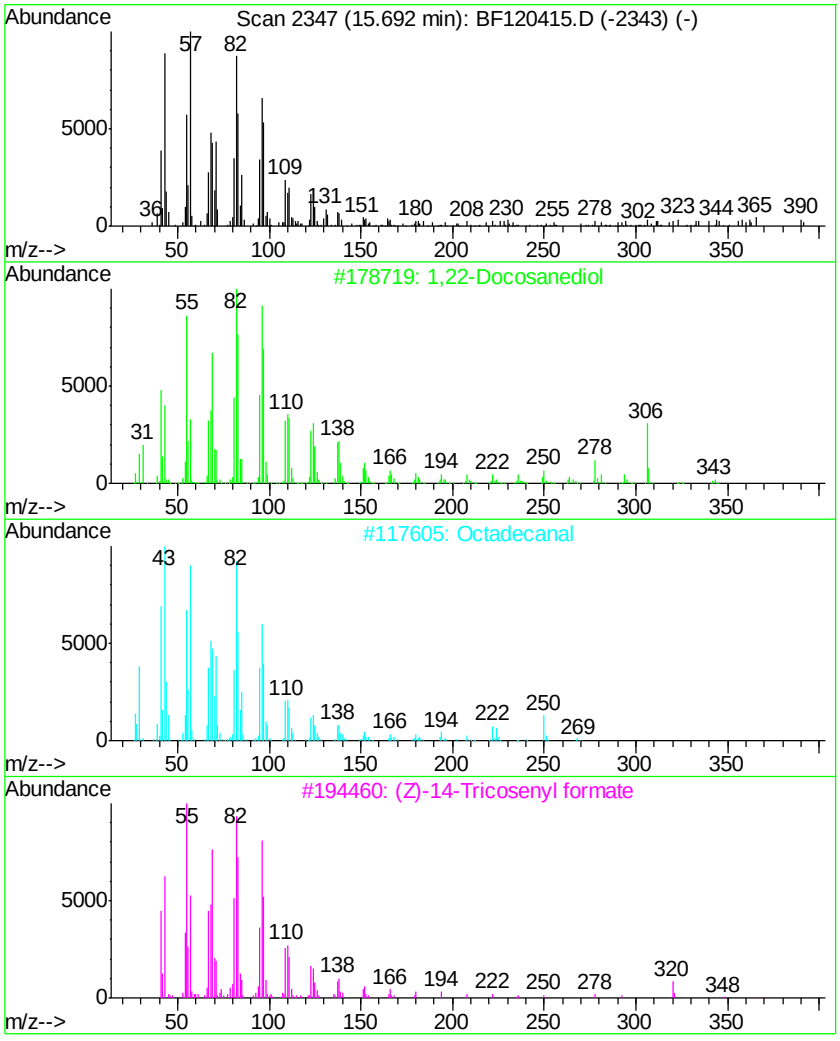
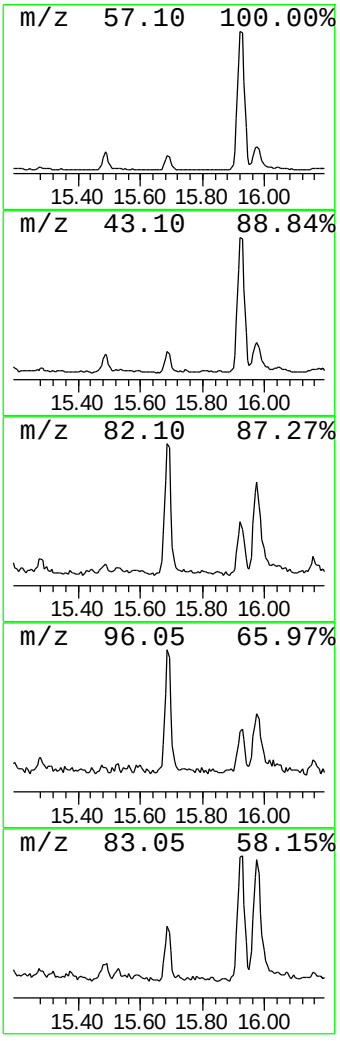
Peak Number 15 Octadecanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.85 ng	207730	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,22-Docosanediol	342	C22H46O2	022513-81-1	91
2	Octadecanal	268	C18H36O	000638-66-4	90
3	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	89
4	Heptadecanal	254	C17H34O	1000376-70-0	86
5	Hexadecanal	240	C16H32O	000629-80-1	74





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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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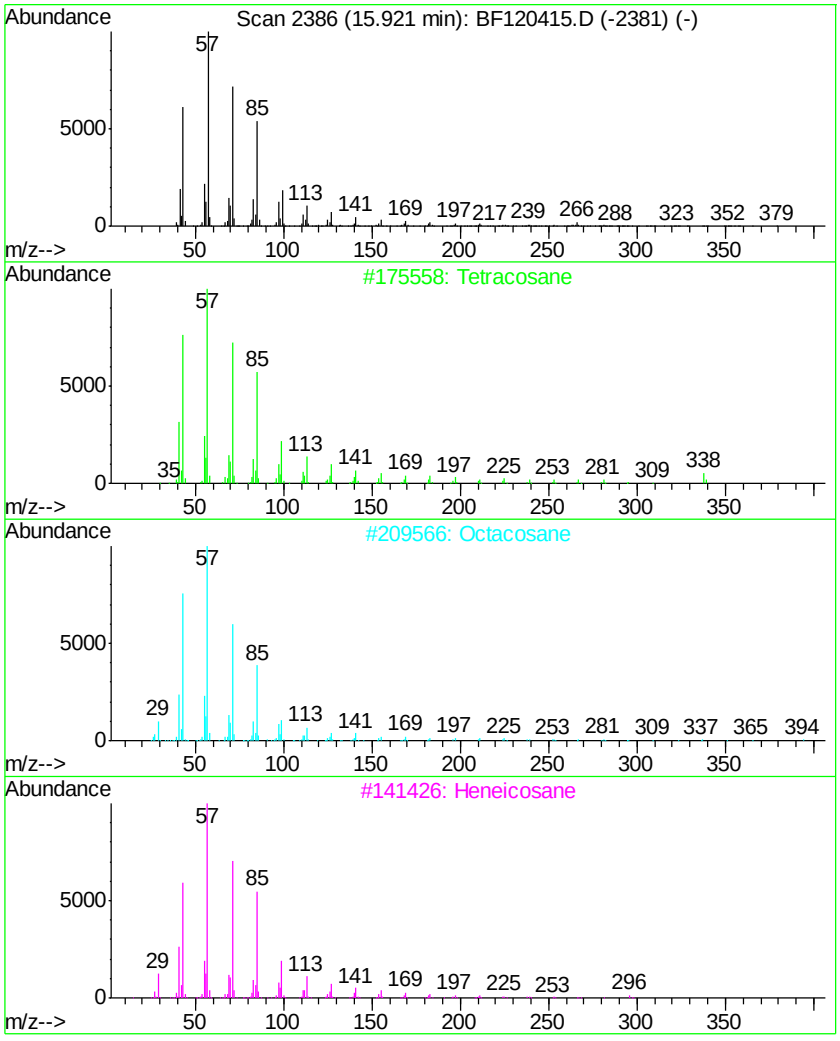
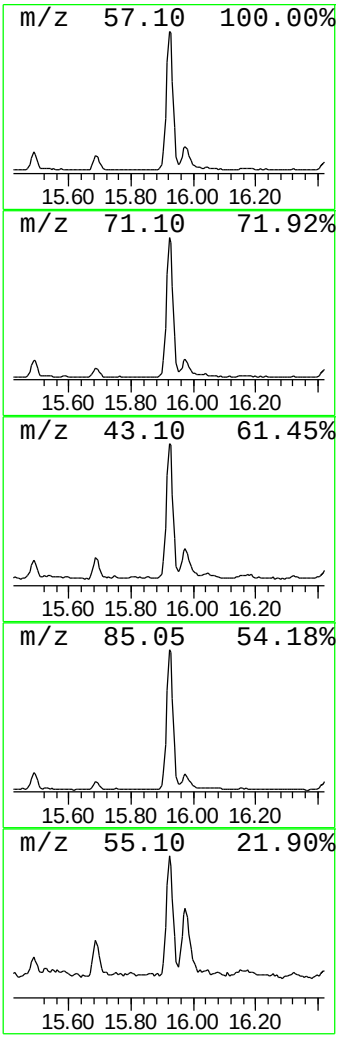
Peak Number 16 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	17.44 ng	1270020	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





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Sample : L2746-04
Misc :
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Instrument : BNA_F
ClientSampleId : NM110-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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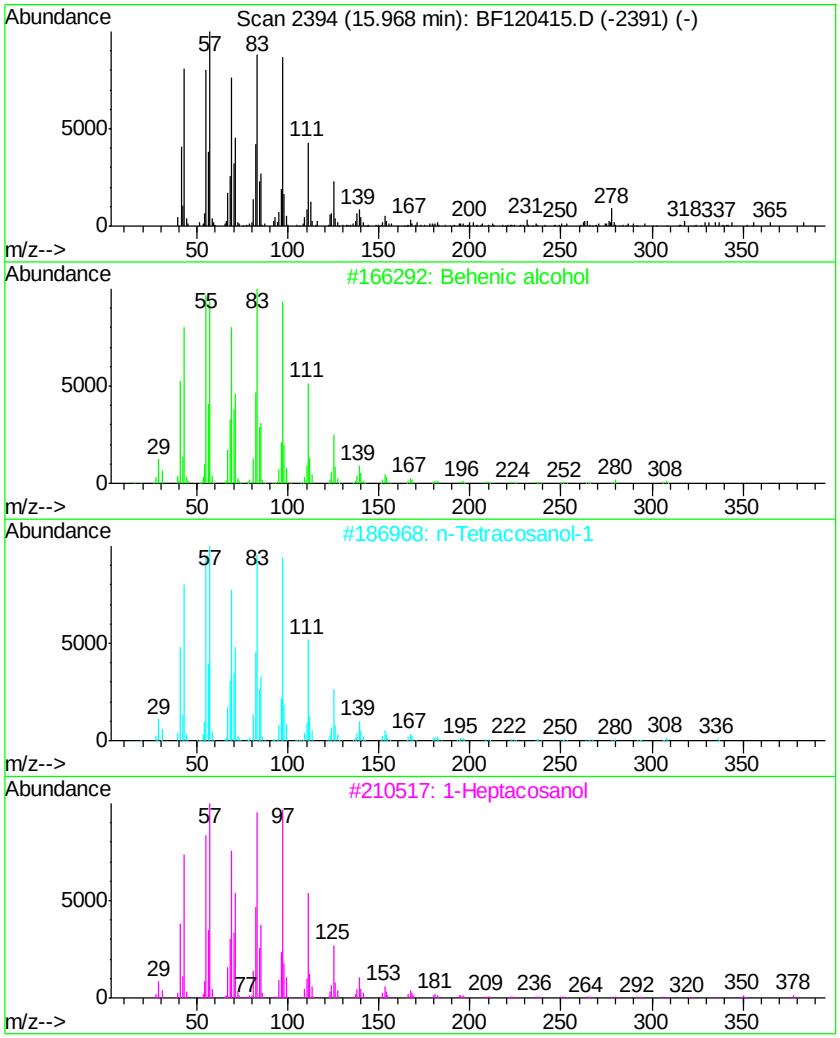
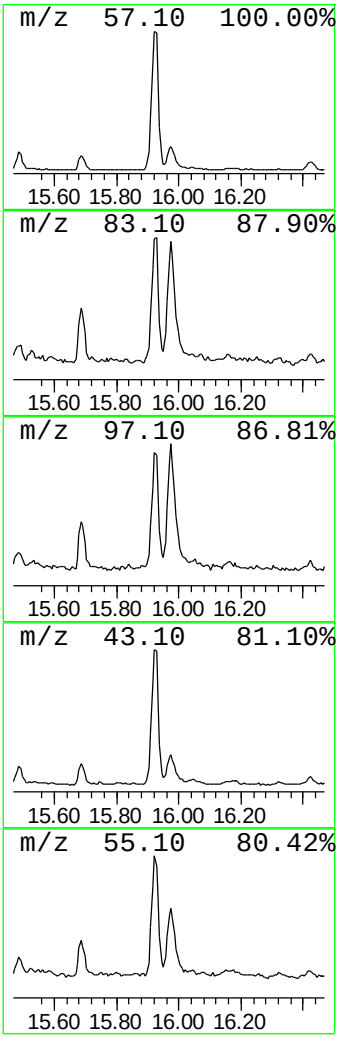
Peak Number 17 Behenic alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	7.01 ng	510799	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120415.D
Acq On : 28 May 2020 18:33
Operator : MA/SJ
Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-COMP-2020-0-6

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

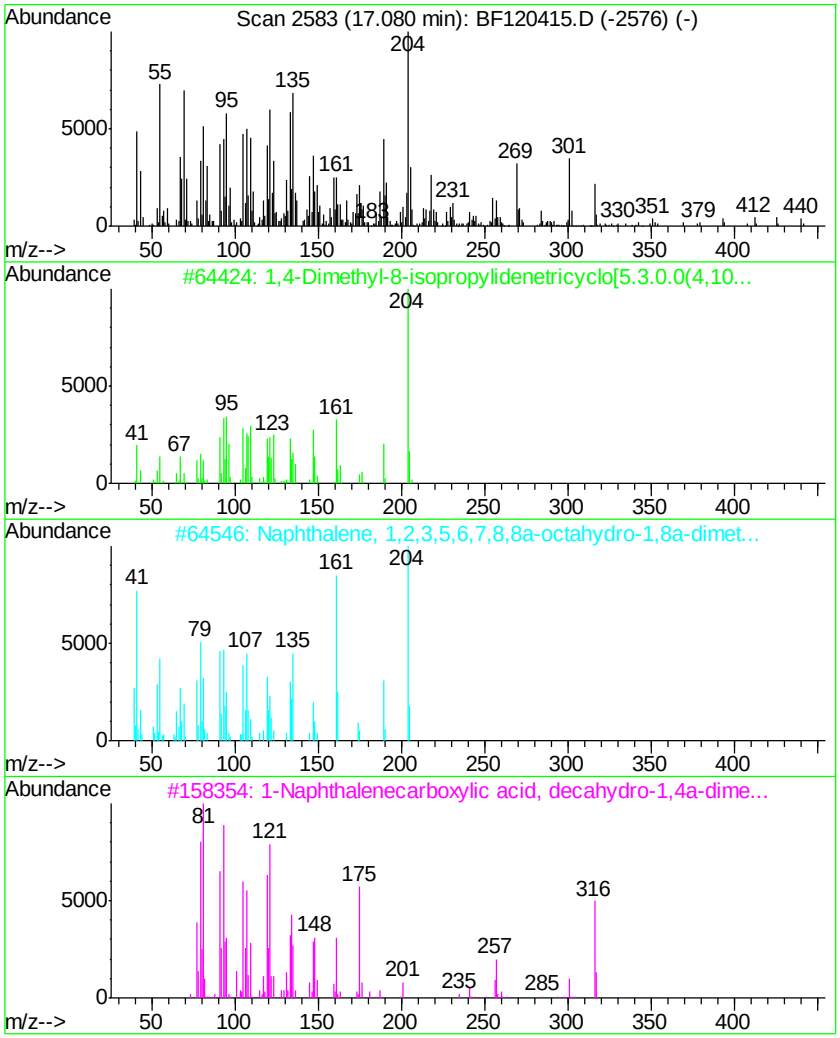
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

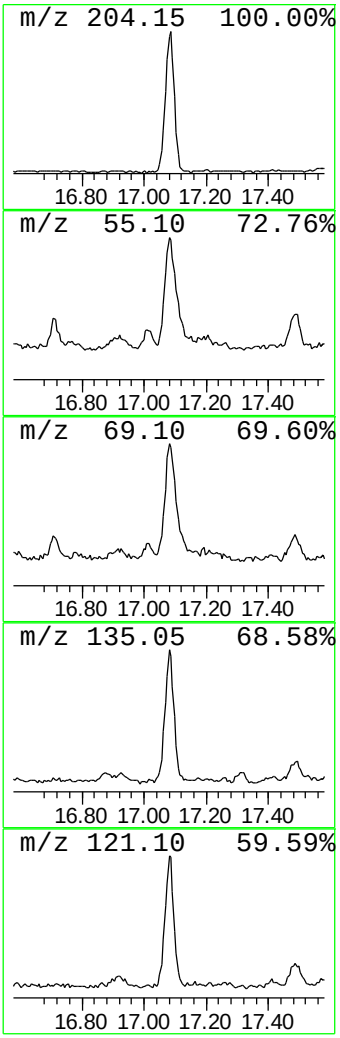
****

Peak Number 19 1,4-Dimethyl-8-isopropylide... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	21.27 ng	1548580	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	58
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	58
3	1-Naphthalenecarboxylic acid, de...	316	C21H32O2	015798-13-7	56
4	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	52
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120415.D
Acq On : 28 May 2020 18:33
Operator : MA/SJ
Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-COMP-2020-0-6

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

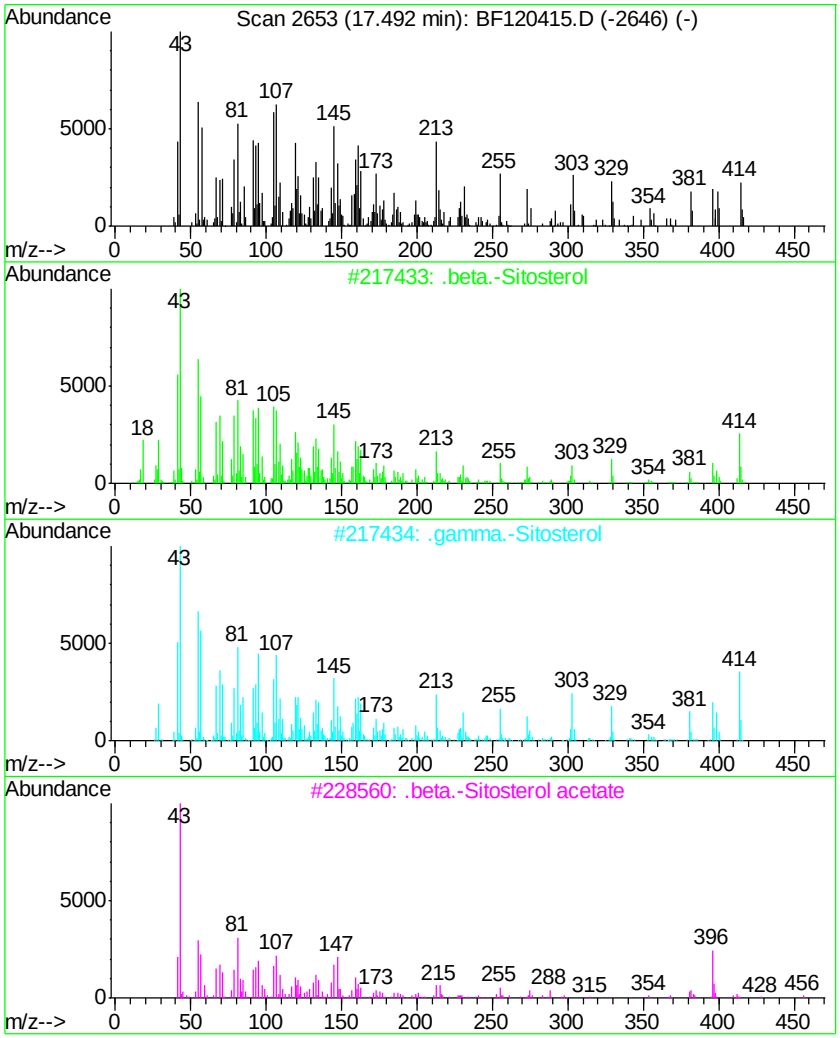
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

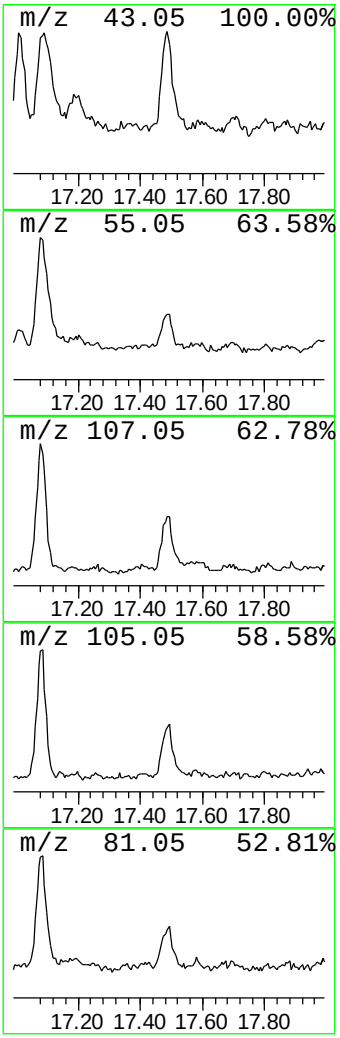
****

Peak Number 20 .beta.-Sitosterol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	6.14 ng	447013	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	50
3	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	35
4	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	32
5	Stigmastan-3-en-6-ol	414	C29H50O	1000214-19-7	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120415.D
Acq On : 28 May 2020 18:33
Operator : MA/SJ
Sample : L2746-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM110-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	7.2	ng	503308	1	6.84	1394040	20.0
Butane, 2-methoxy...	2.08	14.4	ng	1005540	1	6.84	1394040	20.0
2-Pentanone, 4-hy...	5.05	3.9	ng	269831	1	6.84	1394040	20.0
cis-9-Hexadecenoi...	11.82	2.5	ng	220898	4	11.36	1790520	20.0
Anthracene, 2-met...	11.85	2.9	ng	255317	4	11.36	1790520	20.0
n-Hexadecanoic acid	11.89	7.1	ng	637205	4	11.36	1790520	20.0
4H-Cyclopenta[def...	11.97	2.1	ng	188159	4	11.36	1790520	20.0
5-Eicosene, (E)-	13.84	4.8	ng	599674	5	13.99	2514210	20.0
1-Octadecene	14.47	3.6	ng	455458	5	13.99	2514210	20.0
1,22-Docosanediol	14.92	3.6	ng	266015	6	15.44	1456420	20.0
Tetracosane	15.11	6.7	ng	485884	6	15.44	1456420	20.0
n-Nonadecanol-1	15.13	9.3	ng	677219	6	15.44	1456420	20.0
Benzo[e]pyrene	15.32	6.6	ng	480611	6	15.44	1456420	20.0
Octadecanal	15.69	2.9	ng	207730	6	15.44	1456420	20.0
Octacosane	15.92	17.4	ng	1270020	6	15.44	1456420	20.0
Behenic alcohol	15.97	7.0	ng	510799	6	15.44	1456420	20.0
1,4-Dimethyl-8-is...	17.08	21.3	ng	1548580	6	15.44	1456420	20.0
.beta.-Sitosterol	17.49	6.1	ng	447013	6	15.44	1456420	20.0