LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120413.D
Acq On : 28 May 2020 17:36
Operator : MA/SJ
Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-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	643775	620355	11.55%	0.846%
2	1.963	10	13	19	rVV	460461	507000	9.44%	0.691%
3	2.010	19	21	28	rVV2	56298	78807	1.47%	0.107%
4	2.093	30	35	42	rVB	1174072	1452286	27.03%	1.980%
5	5.028	522	534	537	rBV2	52228	128732	2.40%	0.176%
6	5.451	601	606	609	rBV	4457970	4433217	82.51%	6.045%
7	6.086	710	714	718	rBV	60890	89405	1.66%	0.122%
8	6.463	772	778	781	rBV	4203360	4515433	84.04%	6.157%
9	6.663	810	812	818	rBV2	65425	71417	1.33%	0.097%
10	6.839	838	842	845	rBV	1865942	1461009	27.19%	1.992%
11	6.957	859	862	865	rBV	712420	556587	10.36%	0.759%
12	6.998	865	869	872	rVB	4537136	4104421	76.39%	5.596%
13	7.398	932	937	940	rBV	3062934	3128253	58.22%	4.265%
14	7.928	1024	1027	1030	rVB	116021	86250	1.61%	0.118%
15	8.122	1056	1060	1063	rBV	2177540	1802360	33.54%	2.458%
16	9.198	1238	1243	1246	rBV	6114445	5373017	100.00%	7.326%
17	9.533	1297	1300	1303	rBV2	118979	106332	1.98%	0.145%
18	9.586	1305	1309	1313	rVB	875122	768644	14.31%	1.048%
19	9.733	1329	1334	1336	rBV	137085	119550	2.23%	0.163%
20	9.874	1350	1358	1361	rBV	2310711	2271138	42.27%	3.097%
21	9.904	1361	1363	1365	rVV2	146406	137956	2.57%	0.188%
22	9.927	1365	1367	1373	rVB2	75644	74410	1.38%	0.101%
23	10.074	1388	1392	1397	rBV	85099	93036	1.73%	0.127%
24	10.210	1412	1415	1420	rVB	150719	135003	2.51%	0.184%
25	10.416	1447	1450	1456	rVB	72347	67611	1.26%	0.092%
26	10.657	1487	1491	1495	rBV	3133255	2892365	53.83%	3.944%
27	10.780	1510	1512	1516	rBV2	65619	62581	1.16%	0.085%
28	11.004	1546	1550	1551	rBV2	70876	69547	1.29%	0.095%
29	11.157	1574	1576	1581	rVB	62198	69393	1.29%	0.095%
30	11.304	1598	1601	1605	rBV	210706	228738	4.26%	0.312%
31	11.357	1605	1610	1612	rVV	2001632	1810857	33.70%	2.469%
32	11.380	1612	1614	1618	rVB	959912	708039	13.18%	0.965%
33	11.433	1618	1623	1627	rBV2	277019	396565	7.38%	0.541%
34	11.580	1643	1648	1651	rBV3	135128	158985	2.96%	0.217%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120413.D
Acq On : 28 May 2020 17:36
Operator : MA/SJ
Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-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	11.816	1684	1688	1691	rBV	336075	393716	7.33%	0.537%
36	11.851	1691	1694	1697	rVV2	422259	489823	9.12%	0.668%
37	11.886	1697	1700	1705	rVV2	1033532	1222372	22.75%	1.667%
38	11.927	1705	1707	1710	rVV2	115036	144227	2.68%	0.197%
39	11.968	1710	1714	1716	rVV	268571	271824	5.06%	0.371%
40	11.992	1716	1718	1720	rVB	97599	74874	1.39%	0.102%
41	12.063	1727	1730	1737	rBV3	193051	221541	4.12%	0.302%
42	12.151	1740	1745	1747	rBV	111345	134556	2.50%	0.183%
43	12.174	1747	1749	1754	rVB2	125955	103760	1.93%	0.141%
44	12.404	1785	1788	1791	rBV	96288	105780	1.97%	0.144%
45	12.445	1792	1795	1799	rVV2	67259	84952	1.58%	0.116%
46	12.486	1799	1802	1805	rBV3	169638	157846	2.94%	0.215%
47	12.568	1810	1816	1819	rVV	1882145	2163782	40.27%	2.950%
48	12.610	1819	1823	1829	rVV3	200310	364885	6.79%	0.498%
49	12.668	1829	1833	1840	rVV4	314655	456094	8.49%	0.622%
50	12.721	1840	1842	1848	rVB4	63704	88207	1.64%	0.120%
51	12.798	1848	1855	1858	rBV	1497603	1620243	30.16%	2.209%
52	12.845	1861	1863	1868	rVB2	78913	93309	1.74%	0.127%
53	12.915	1872	1875	1876	rBV	87259	77712	1.45%	0.106%
54	12.945	1876	1880	1883	rVV	4834434	4467029	83.14%	6.091%
55	13.010	1887	1891	1895	rBV3	116034	188359	3.51%	0.257%
56	13.098	1904	1906	1908	rBV2	60192	66835	1.24%	0.091%
57	13.121	1908	1910	1914	rVB	253878	227401	4.23%	0.310%
58	13.186	1914	1921	1924	rBV3	212857	357573	6.65%	0.488%
59	13.227	1924	1928	1931	rBV2	172435	163624	3.05%	0.223%
60	13.286	1935	1938	1941	rBV3	49078	61079	1.14%	0.083%
61	13.321	1941	1944	1946	rVB	89312	75381	1.40%	0.103%
62	13.351	1946	1949	1953	rBV2	108001	119321	2.22%	0.163%
63	13.392	1954	1956	1959	rBV2	71339	64547	1.20%	0.088%
64	13.521	1976	1978	1981	rVB2	76228	62527	1.16%	0.085%
65	13.627	1993	1996	2001	rVB	116397	157576	2.93%	0.215%
66	13.739	2011	2015	2018	rBV2	141999	196169	3.65%	0.267%
67	13.768	2018	2020	2022	rVV	149877	130781	2.43%	0.178%
68	13.792	2022	2024	2028	rVV2	136418	153336	2.85%	0.209%
69	13.845	2028	2033	2039	rVV3	567164	800227	14.89%	1.091%
70	13.992	2050	2058	2061	rBV2	2006389	2743017	51.05%	3.740%
71	14.015	2061	2062	2068	rVB	815390	664964	12.38%	0.907%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120413.D
Acq On : 28 May 2020 17:36
Operator : MA/SJ
Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-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	14.098	2073	2076	2080	rVV	139352	136483	2.54%	0.186%
73	14.168	2085	2088	2092	rVB3	181521	214476	3.99%	0.292%
74	14.286	2106	2108	2110	rBV	74273	59762	1.11%	0.081%
75	14.380	2121	2124	2126	rVB	130891	121645	2.26%	0.166%
76	14.409	2127	2129	2132	rVB2	103653	85702	1.60%	0.117%
77	14.474	2136	2140	2147	rBV4	525700	897936	16.71%	1.224%
78	14.774	2188	2191	2194	rBV	306247	283679	5.28%	0.387%
79	14.921	2213	2216	2221	rVB2	255508	282727	5.26%	0.385%
80	15.021	2229	2233	2236	rBV	814679	1183193	22.02%	1.613%
81	15.115	2244	2249	2251	rBV	906758	1170655	21.79%	1.596%
82	15.139	2251	2253	2260	rVB2	476035	631465	11.75%	0.861%
83	15.321	2280	2284	2290	rVB	514354	630237	11.73%	0.859%
84	15.380	2290	2294	2299	rBV	697125	795208	14.80%	1.084%
85	15.445	2301	2305	2308	rVV	1216409	1429607	26.61%	1.949%
86	15.486	2308	2312	2317	rVB3	379478	674456	12.55%	0.920%
87	15.686	2343	2346	2350	rVB	182266	227837	4.24%	0.311%
88	15.927	2381	2387	2392	rBV	1721035	2613008	48.63%	3.563%
89	15.974	2392	2395	2403	rVB3	448617	860548	16.02%	1.173%
90	16.427	2468	2472	2481	rVB4	111932	208746	3.89%	0.285%
91	16.709	2516	2520	2529	rVB5	208306	410681	7.64%	0.560%
92	16.880	2544	2549	2555	rBV2	279031	525841	9.79%	0.717%
93	17.015	2568	2572	2576	rBV	99321	162740	3.03%	0.222%
94	17.309	2618	2622	2628	rVB	191499	321758	5.99%	0.439%
95	17.486	2646	2652	2660	rBV6	215436	505082	9.40%	0.689%
96	18.044	2742	2747	2756	rVB6	243375	632129	11.76%	0.862%
97	18.286	2782	2788	2805	rBV7	203541	726641	13.52%	0.991%

Sum of corrected areas: 73340790

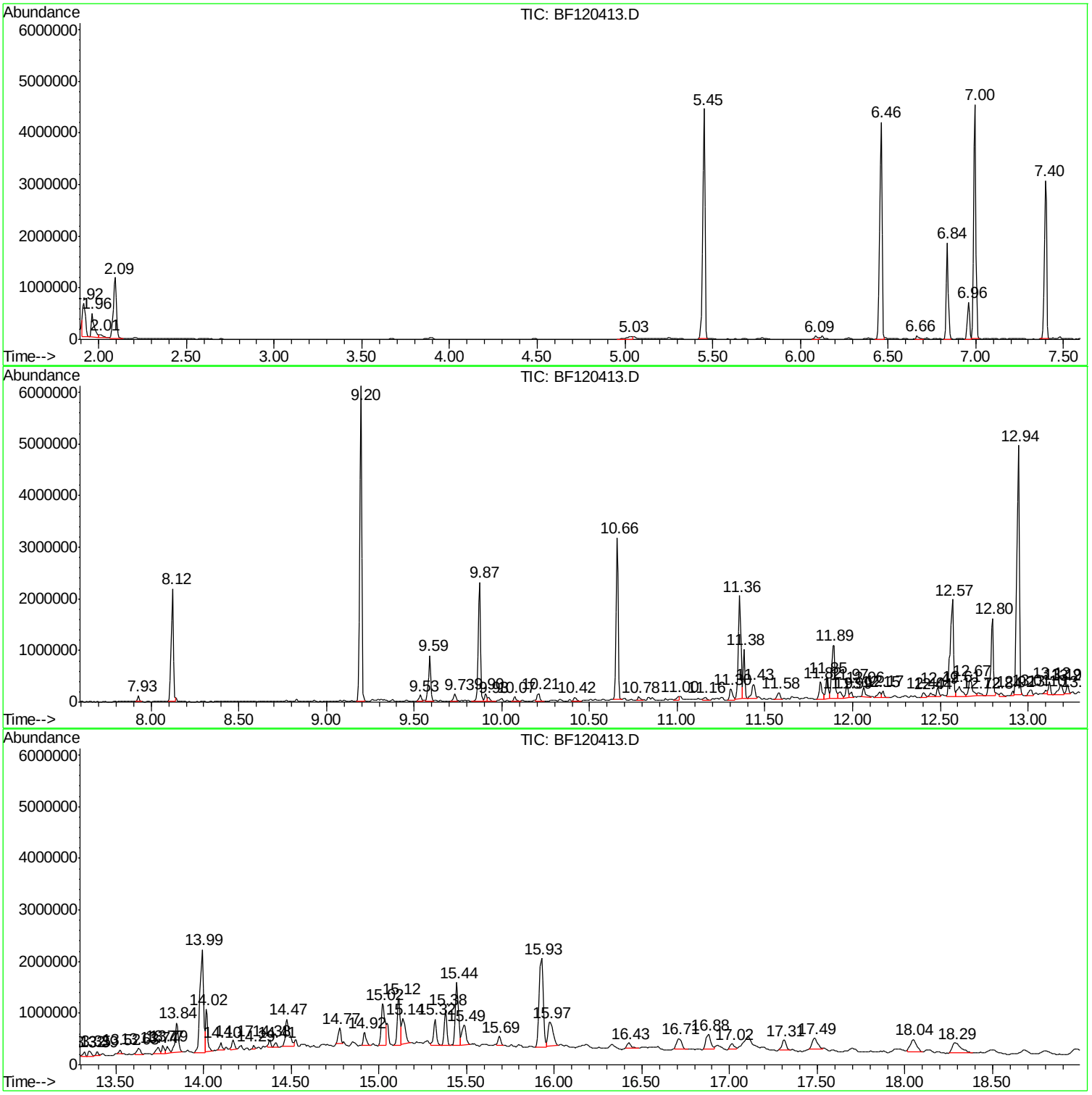
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120413.D
Acq On : 28 May 2020 17:36
Operator : MA/SJ
Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-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 : BF120413.D
Acq On : 28 May 2020 17:36
Operator : MA/SJ
Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-COMP-2020-0-6

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

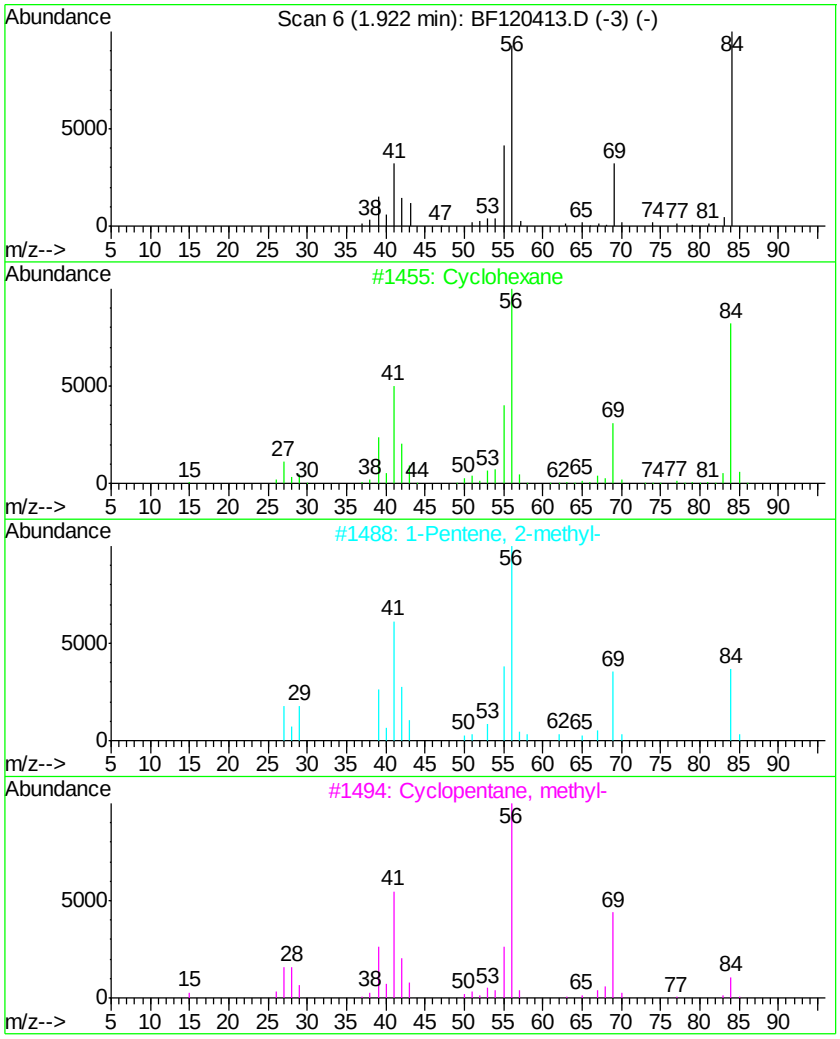
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

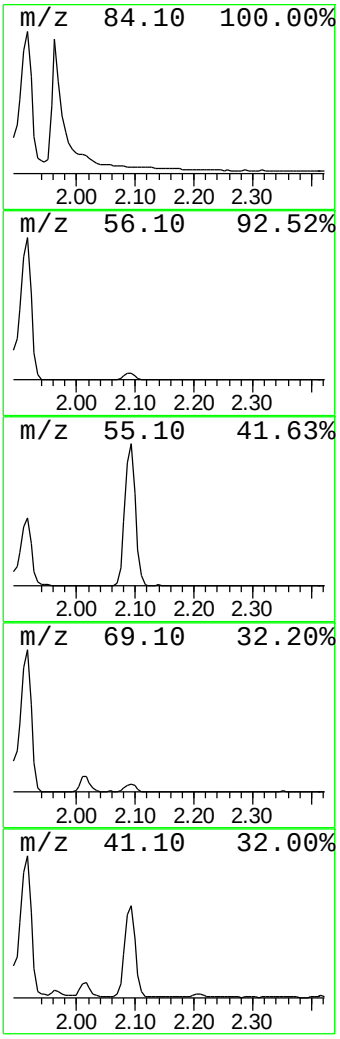
****

Peak Number 1 Cyclohexane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.92	8.49 ng	620355	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	Cyclobutanecarbonitrile, 3,3-dim...	109	C7H11N	053783-86-1	47
5	1-Hexene	84	C6H12	000592-41-6	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120413.D
Acq On : 28 May 2020 17:36
Operator : MA/SJ
Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-COMP-2020-0-6

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

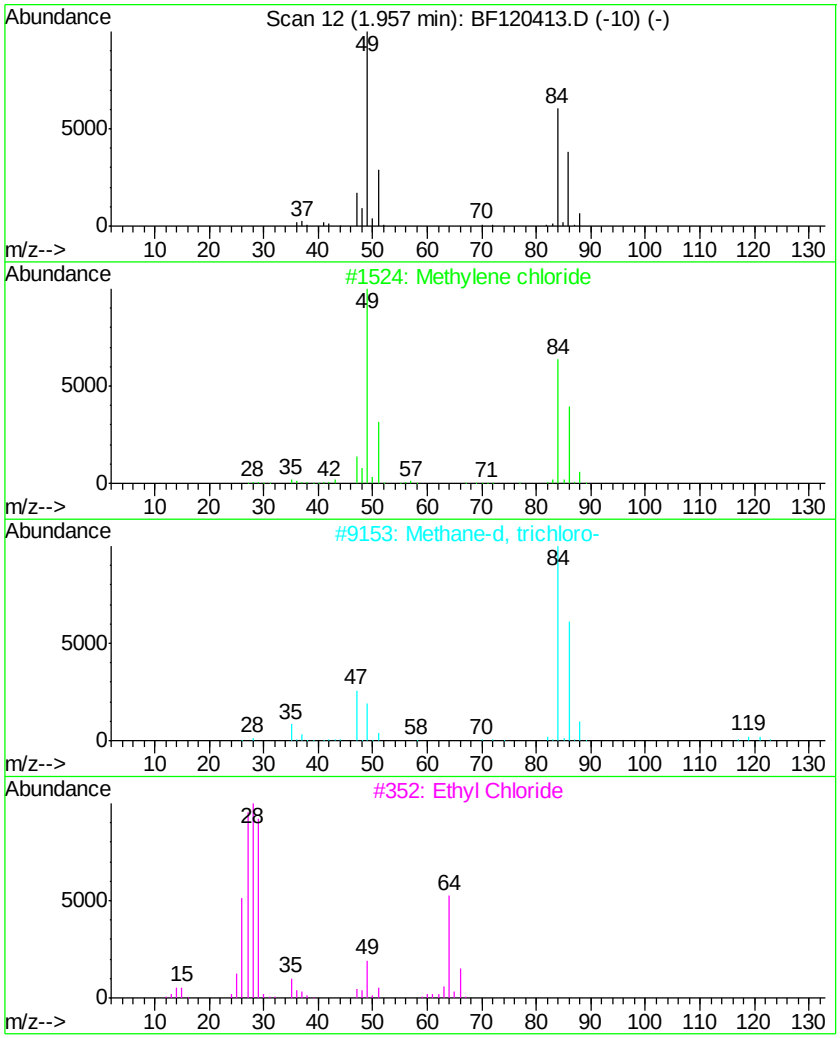
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

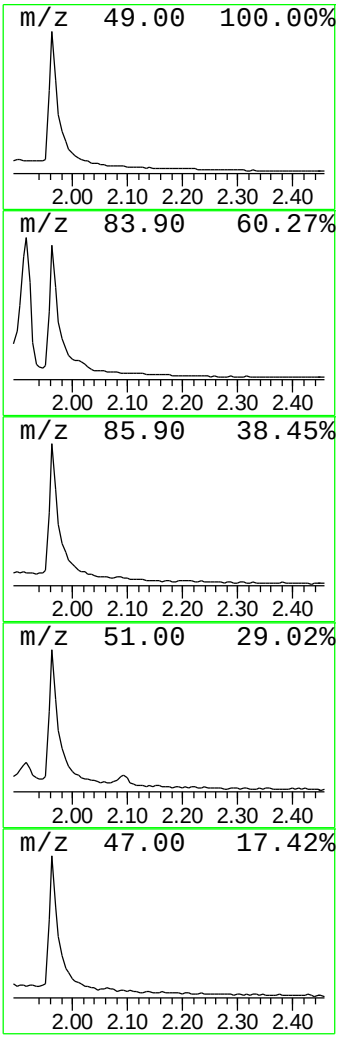
****

Peak Number 2 Methylene chloride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	6.94 ng	507000	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 : BF120413.D
Acq On : 28 May 2020 17:36
Operator : MA/SJ
Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-COMP-2020-0-6

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

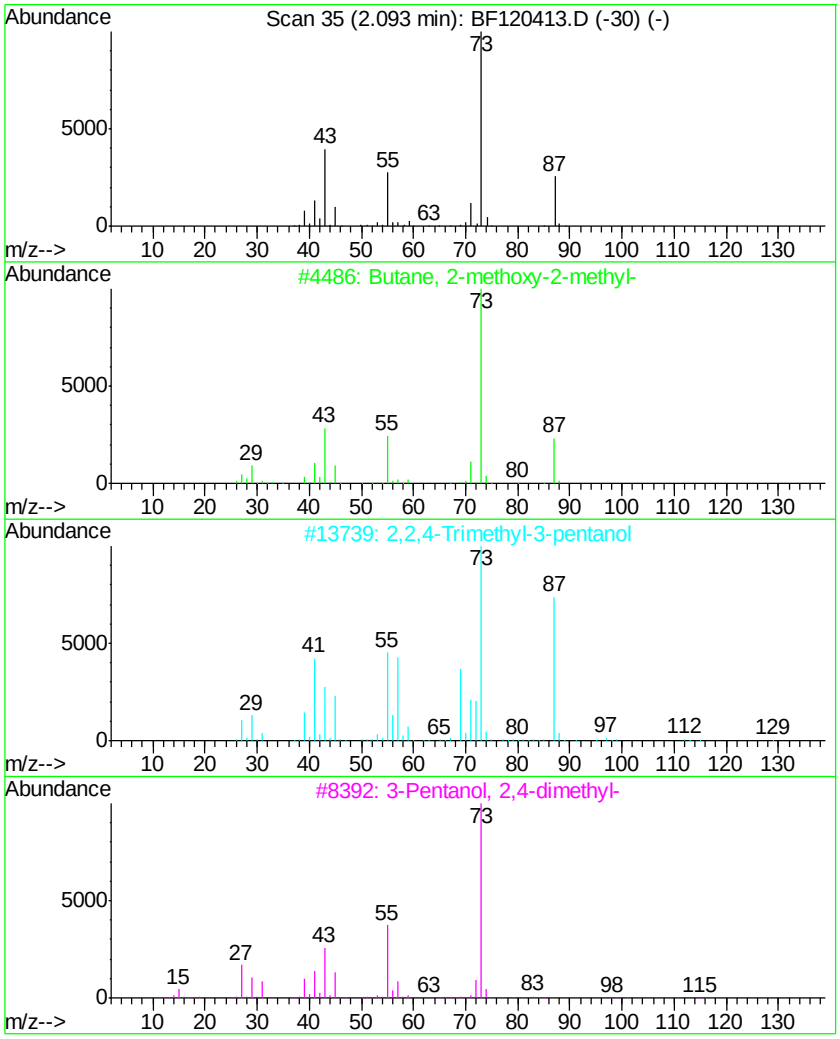
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

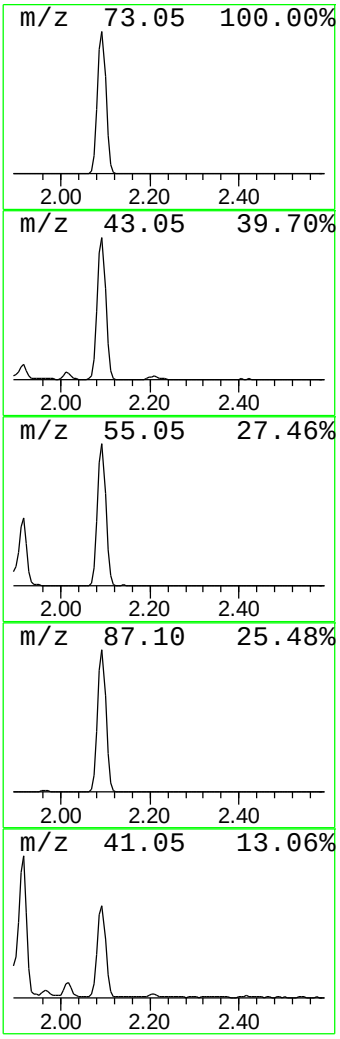
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.09	19.88 ng	1452290	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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120413.D
Acq On : 28 May 2020 17:36
Operator : MA/SJ
Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-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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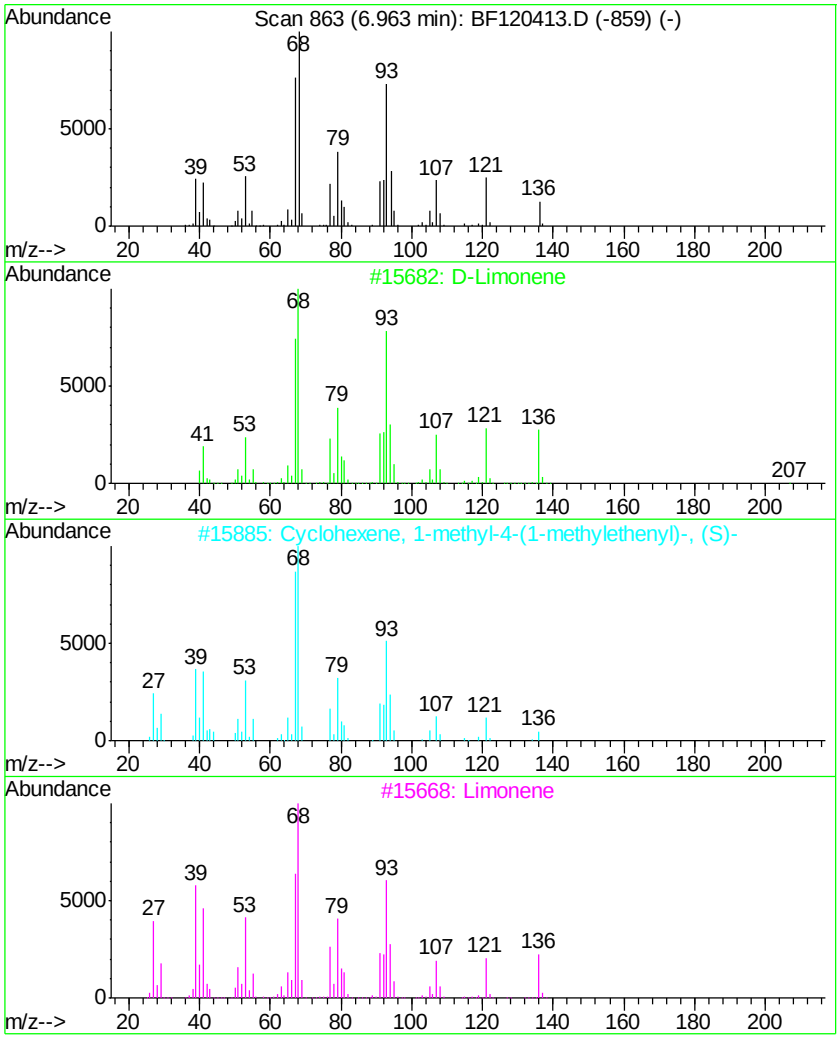
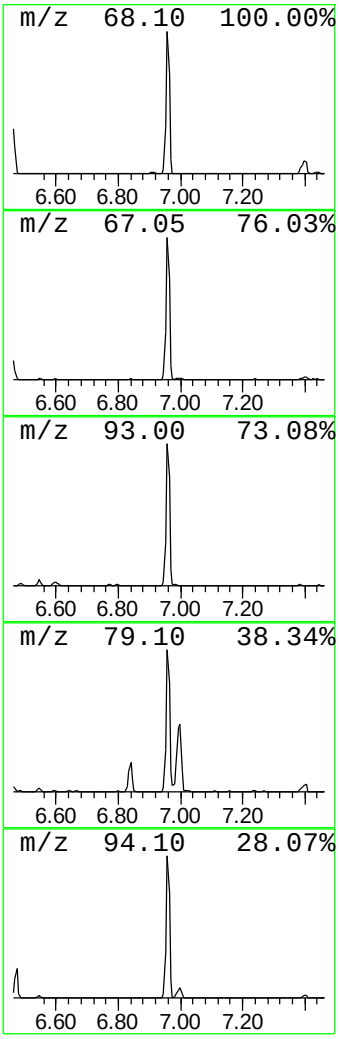
Peak Number 4 D-Limonene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	7.62 ng	556587	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	97
3	Limonene	136	C10H16	000138-86-3	91
4	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	90
5	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120413.D
Acq On : 28 May 2020 17:36
Operator : MA/SJ
Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-COMP-2020-0-6

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

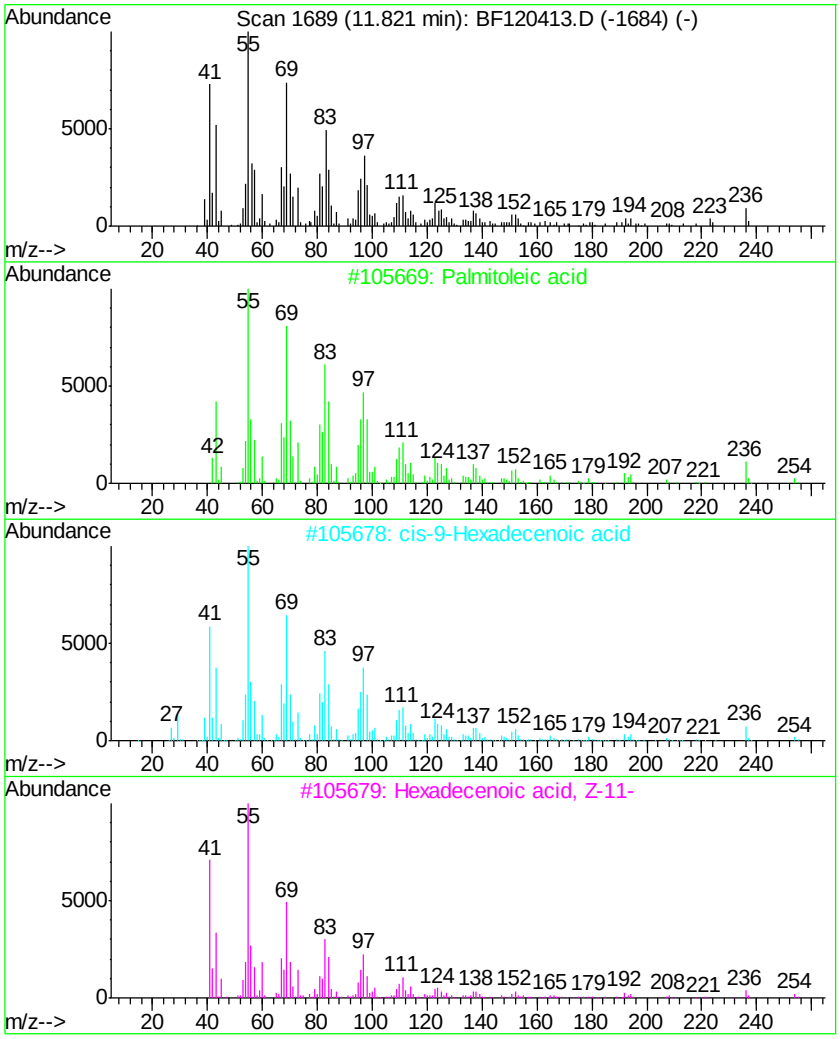
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

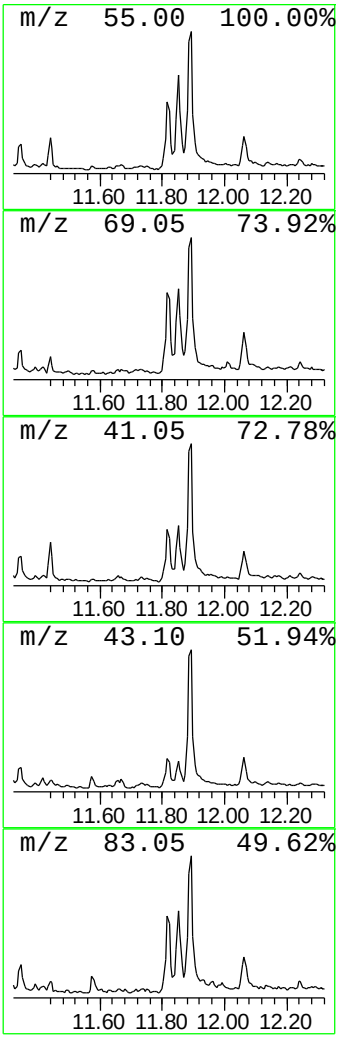
****

Peak Number 6 Palmitoleic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.35 ng	393716	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	91
2	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	90
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	87
4	Cyclotetradecane	196	C14H28	000295-17-0	86
5	cis-2-Methyl-4-n-pentylthiane, S...	218	C11H22O2S	1000215-67-9	76





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Acq On : 28 May 2020 17:36
Operator : MA/SJ
Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-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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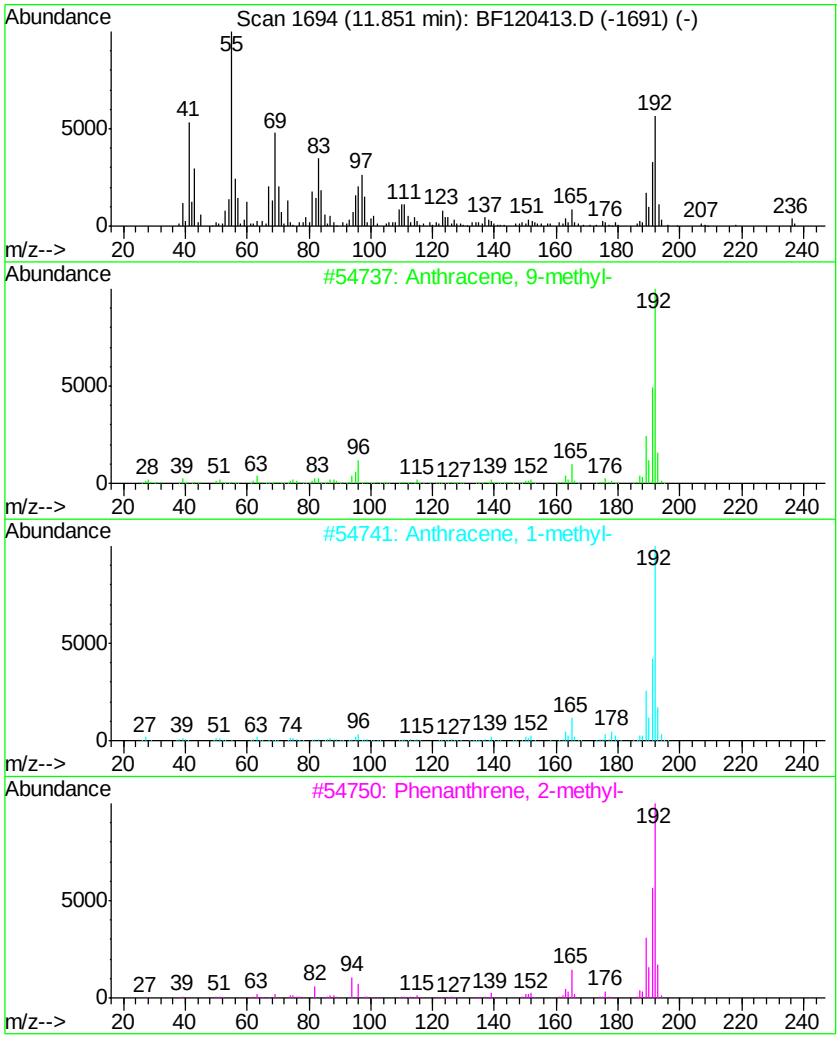
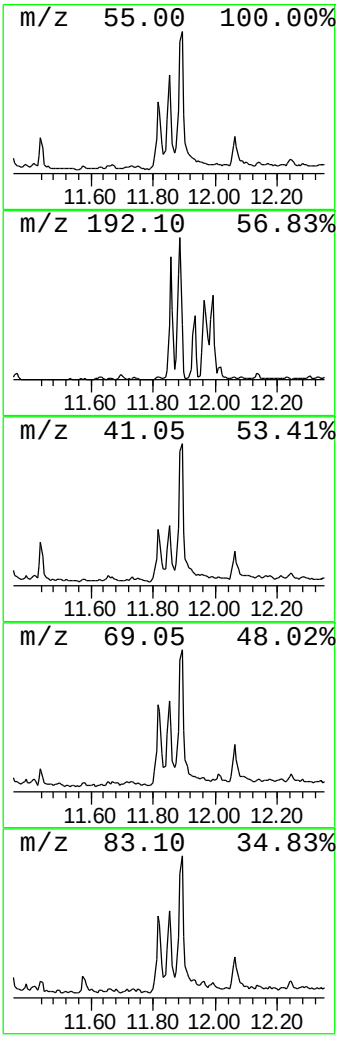
Peak Number 7 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.41 ng	489823	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





Library Search Compound Report

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Sample : L2745-12
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-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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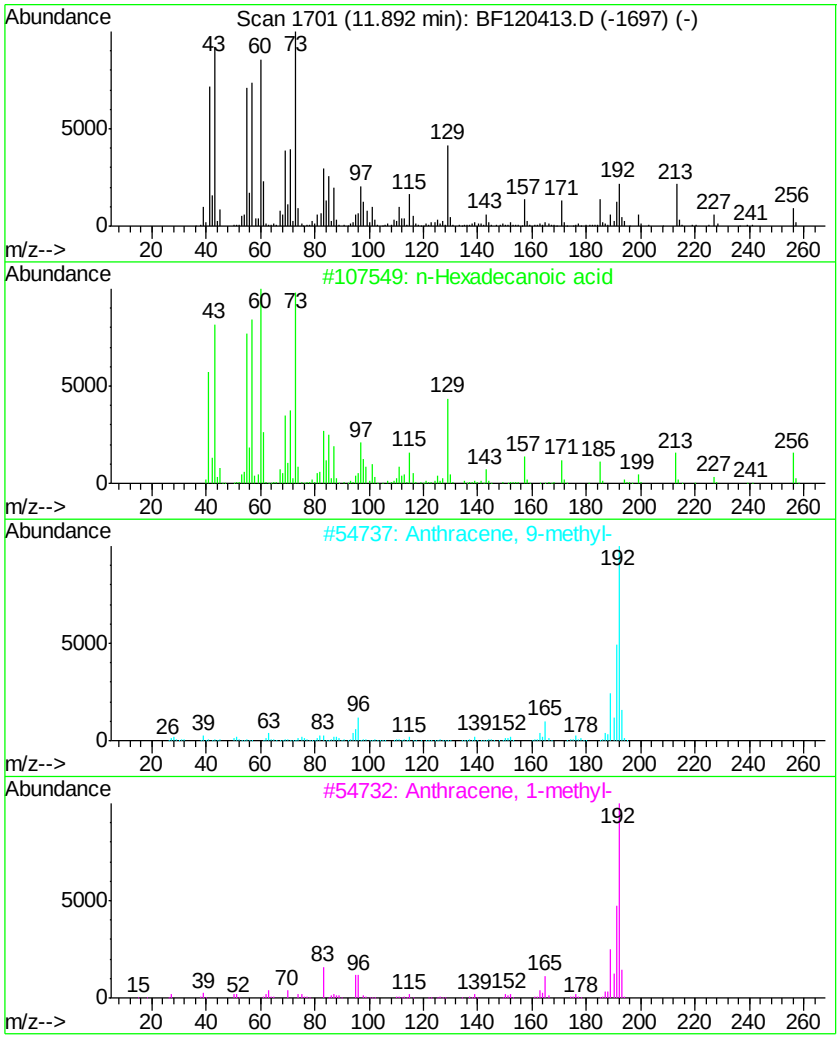
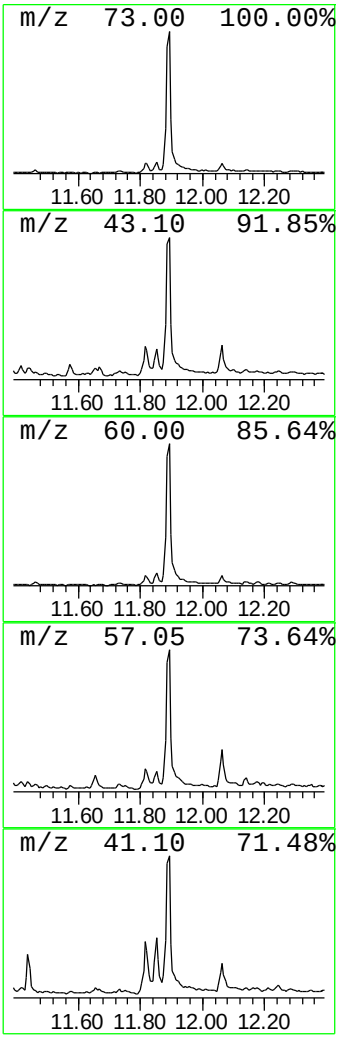
Peak Number 8 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	13.50 ng	1222370	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, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86





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Instrument : BNA_F
ClientSampleId : NM19-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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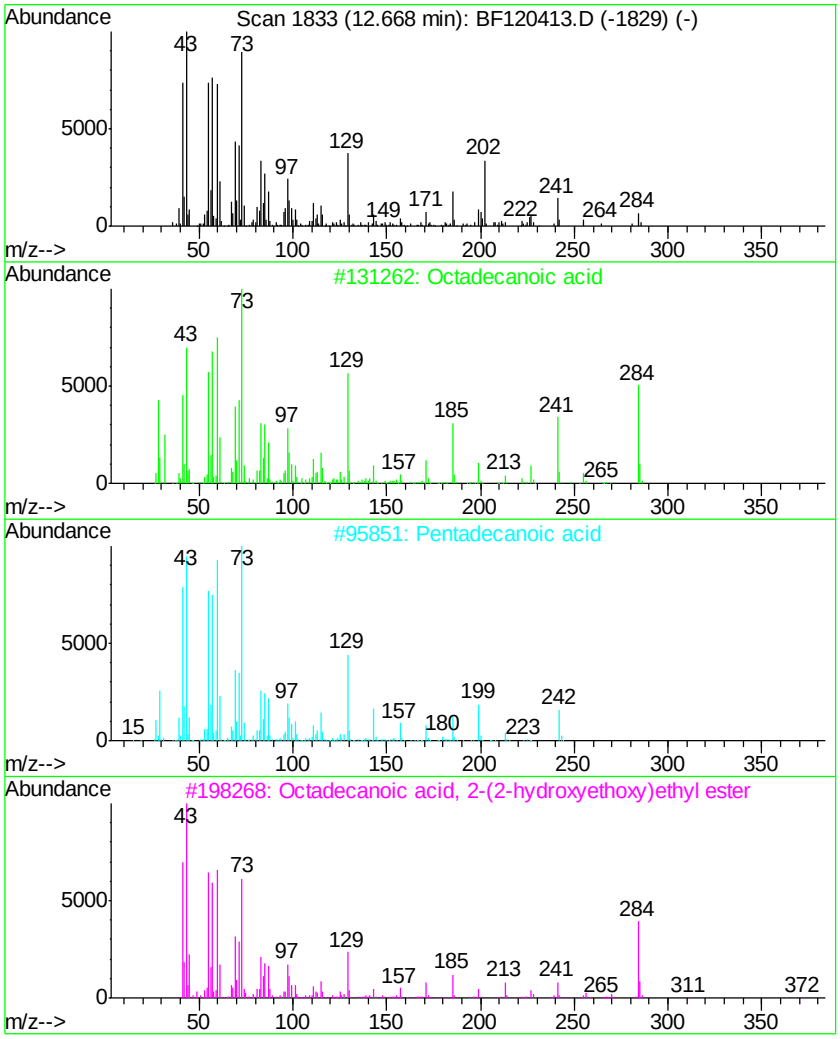
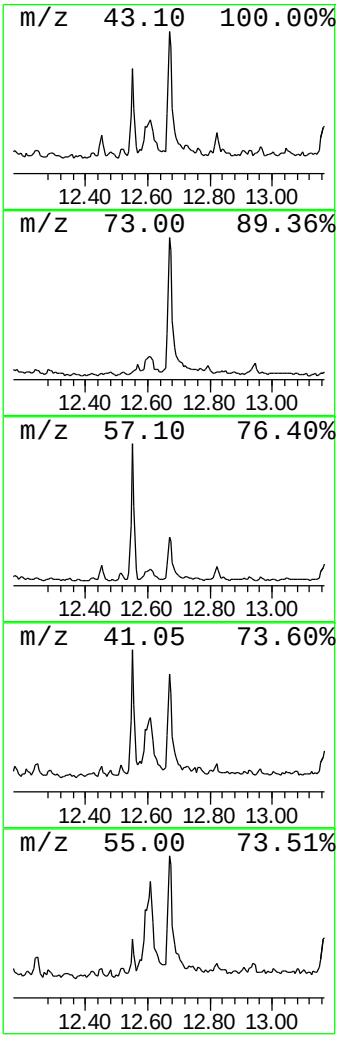
Peak Number 9 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	5.04 ng	456094	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	46





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Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-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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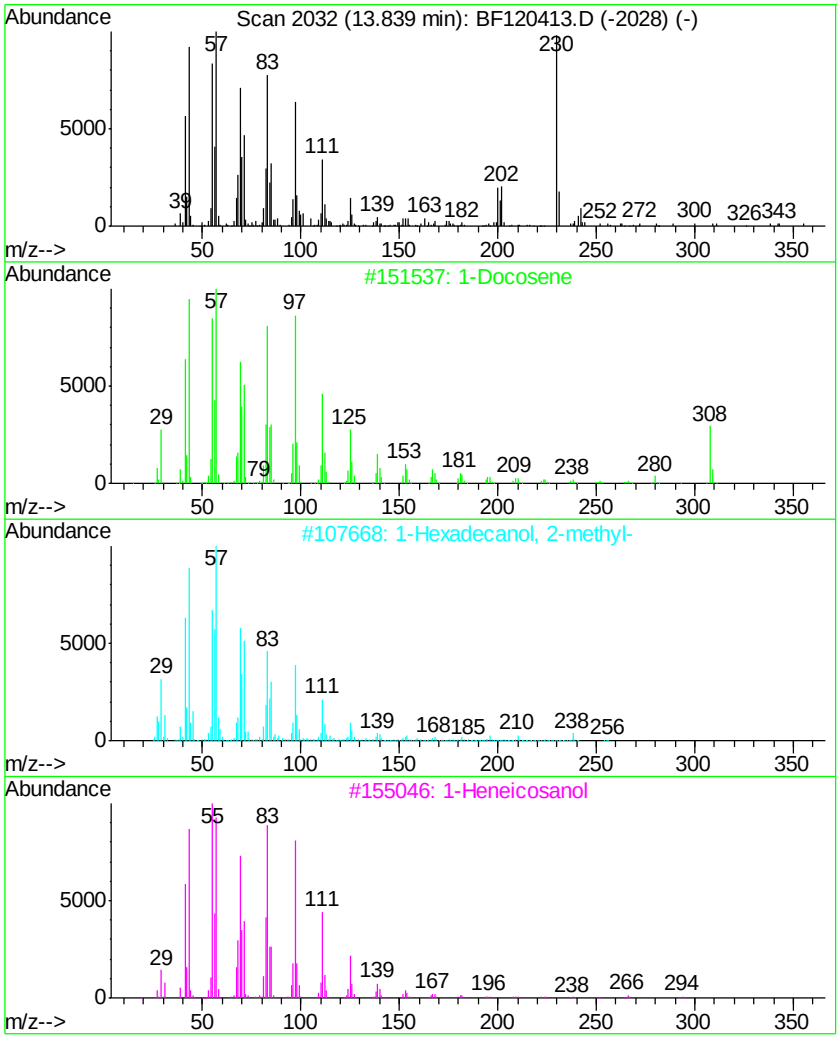
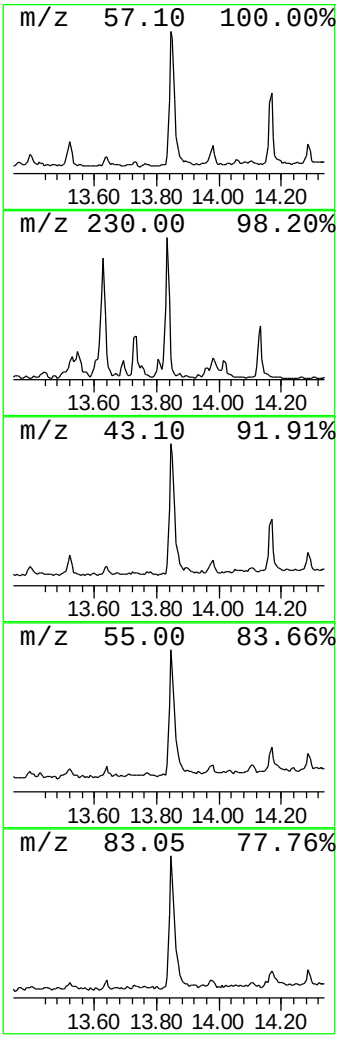
Peak Number 10 1-Docosene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	5.83 ng	800227	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91





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Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-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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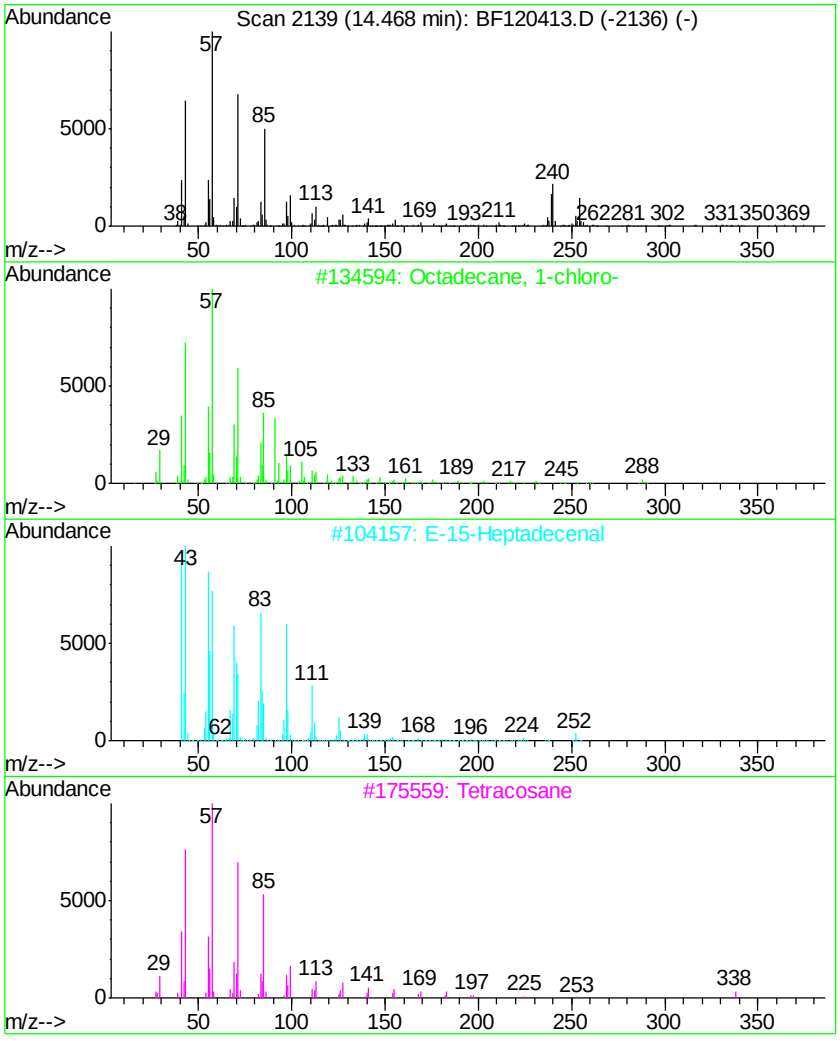
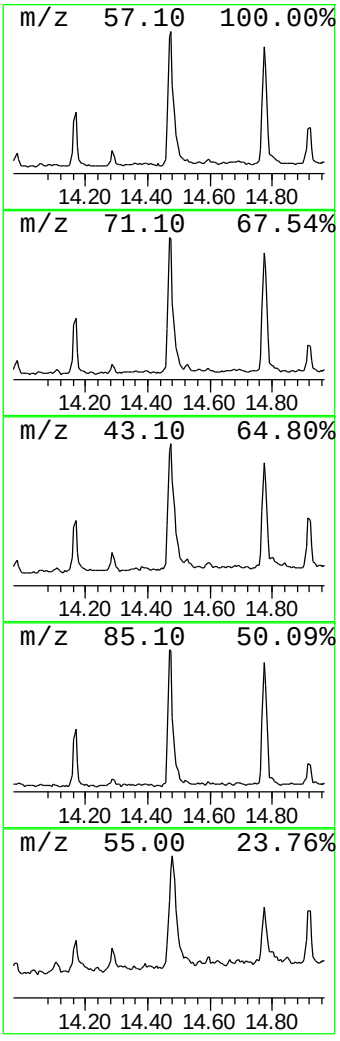
Peak Number 11 Octadecane, 1-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	6.55 ng	897936	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	94
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
3	Tetracosane	338	C24H50	000646-31-1	92
4	Hexadecane	226	C16H34	000544-76-3	90
5	Octadecane	254	C18H38	000593-45-3	89





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ClientSampleId : NM19-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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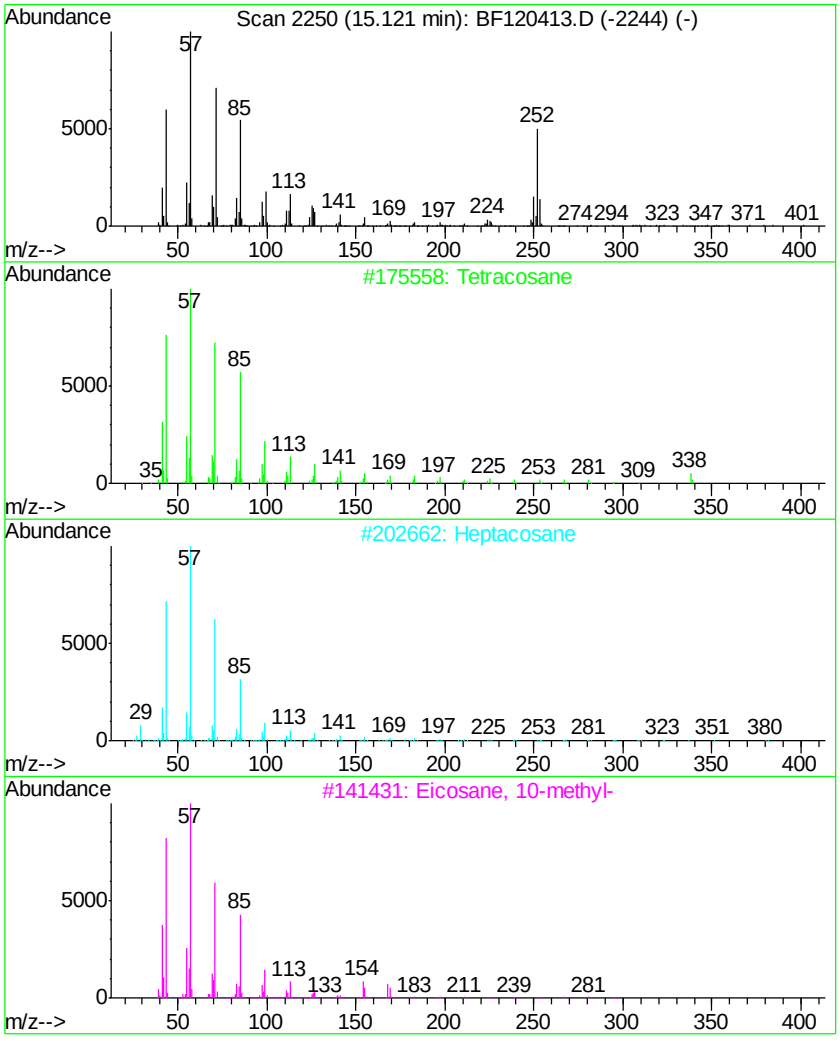
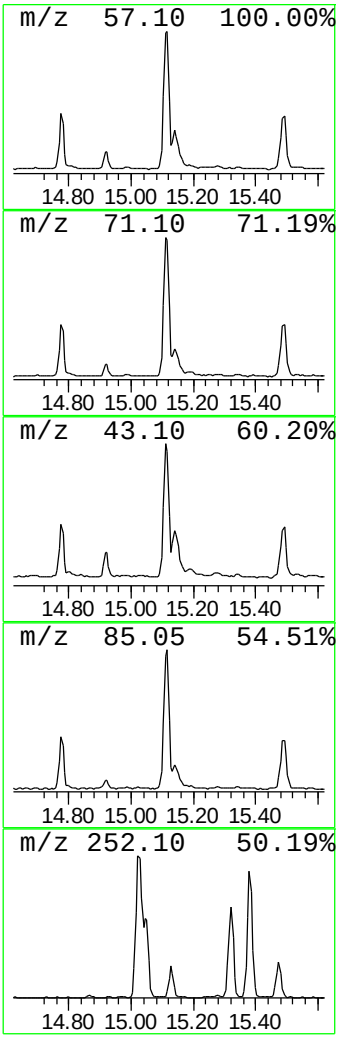
Peak Number 12 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	16.38 ng	1170660	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptacosane	380	C27H56	000593-49-7	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	92





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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId : NM19-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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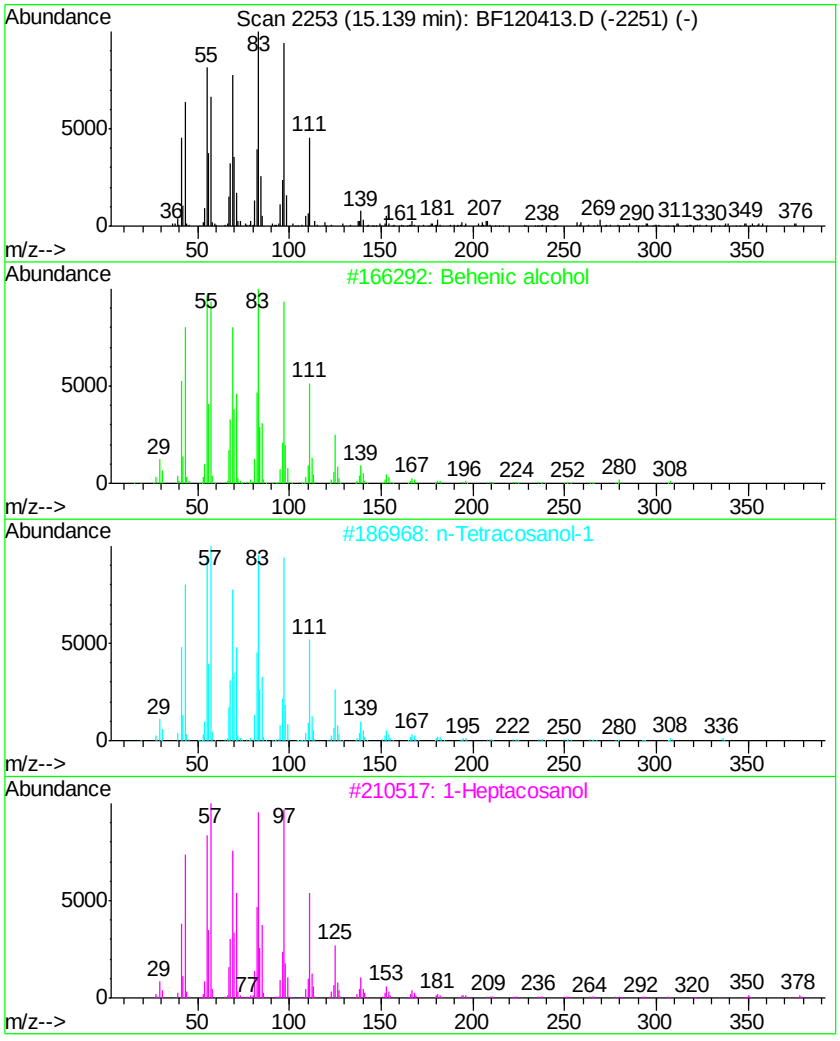
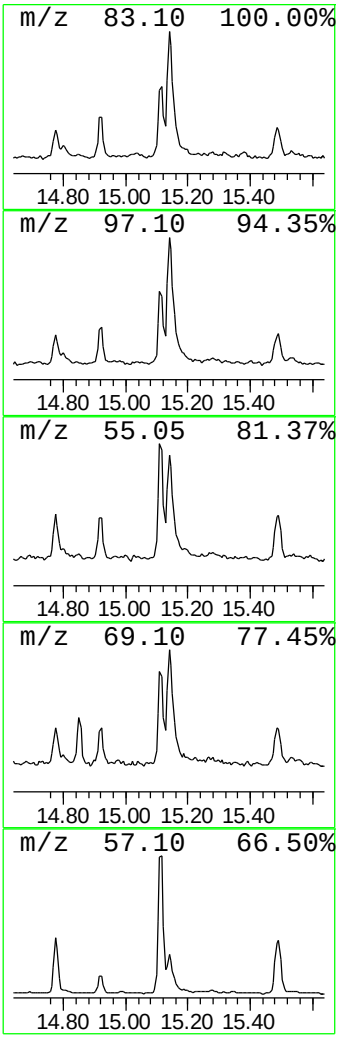
Peak Number 13 Behenic alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	8.83 ng	631465	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
3	1-Heptacosanol	396	C27H56O	002004-39-9	90
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	83
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	78





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Sample : L2745-12
Misc :
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Instrument : BNA_F
ClientSampleId : NM19-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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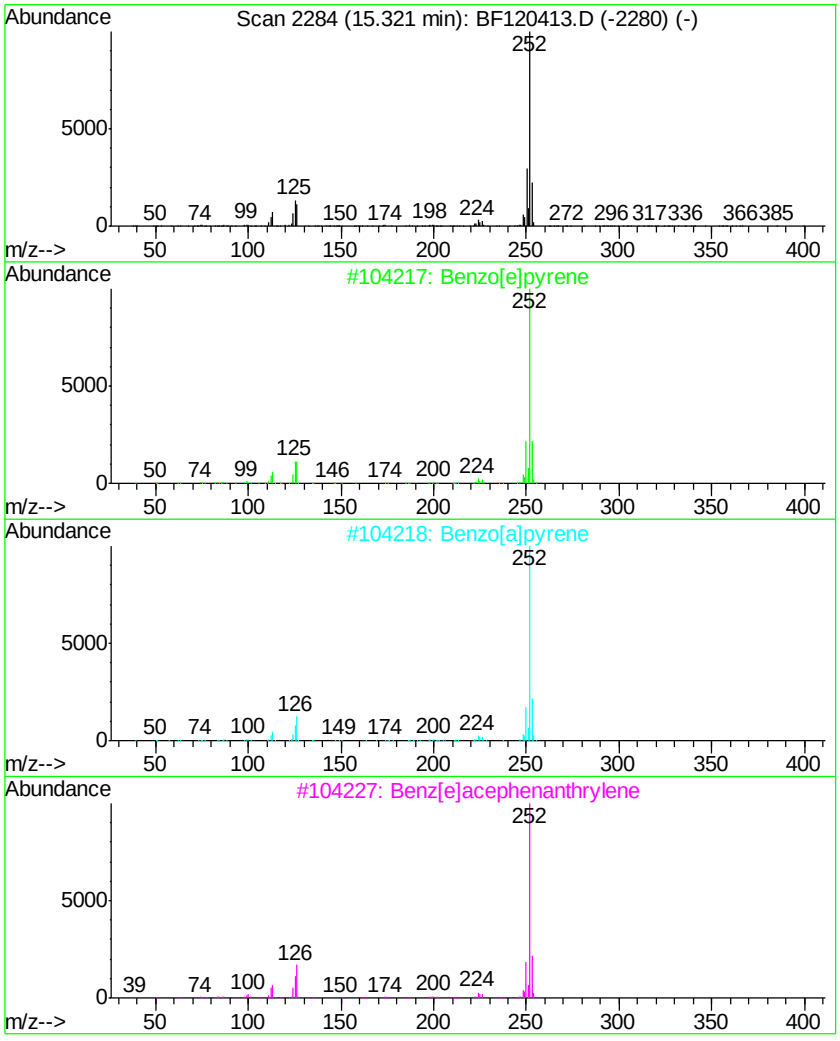
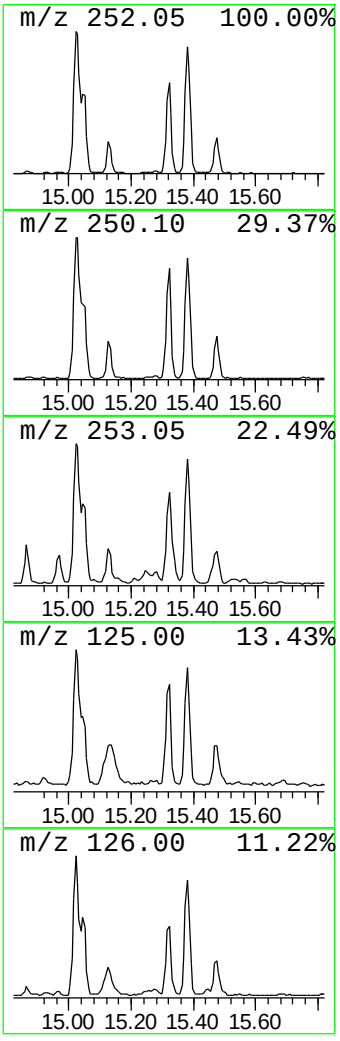
Peak Number 14 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	8.82 ng	630237	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





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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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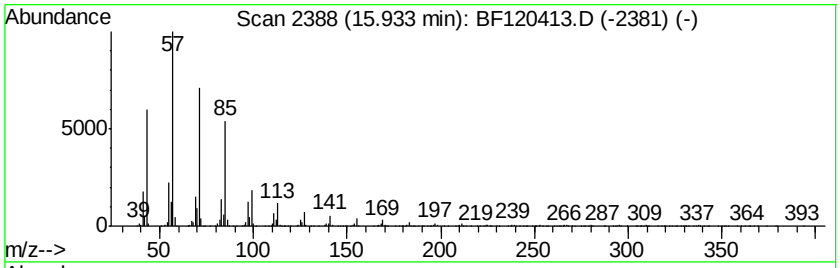
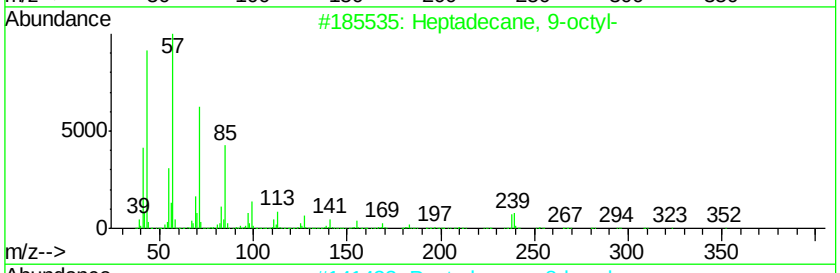
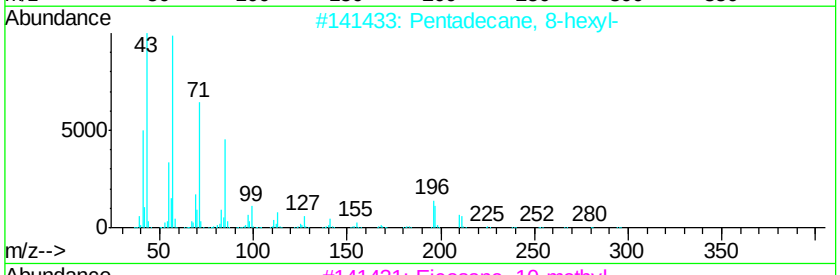
Peak Number 15 Heptadecane, 9-octyl- Concentration Rank 2

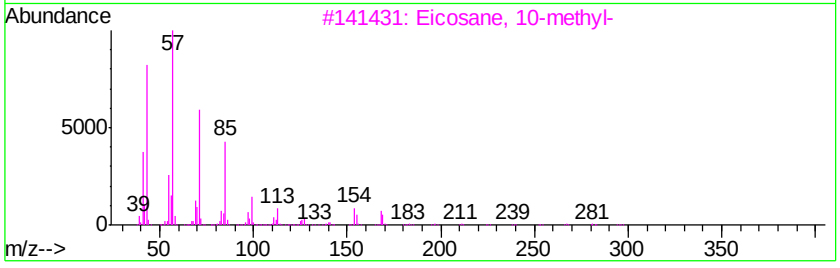
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	36.56 ng	2613010	Perylene-d12	15.44

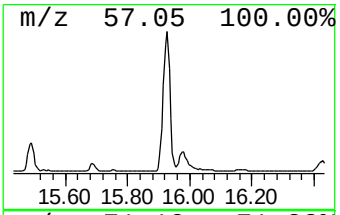
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexacosane	366	C26H54	000630-01-3	91

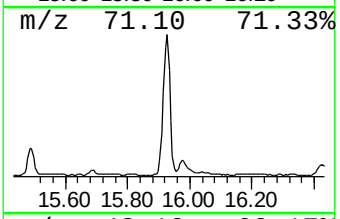


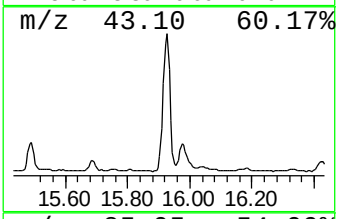


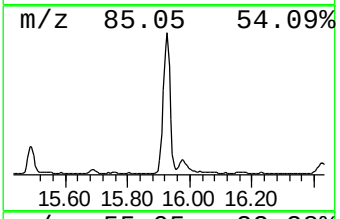


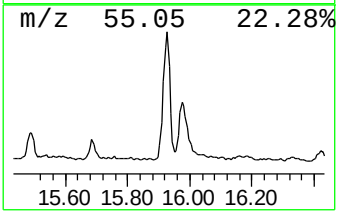












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Sample : L2745-12
Misc :
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Instrument : BNA_F
ClientSampleId : NM19-COMP-2020-0-6

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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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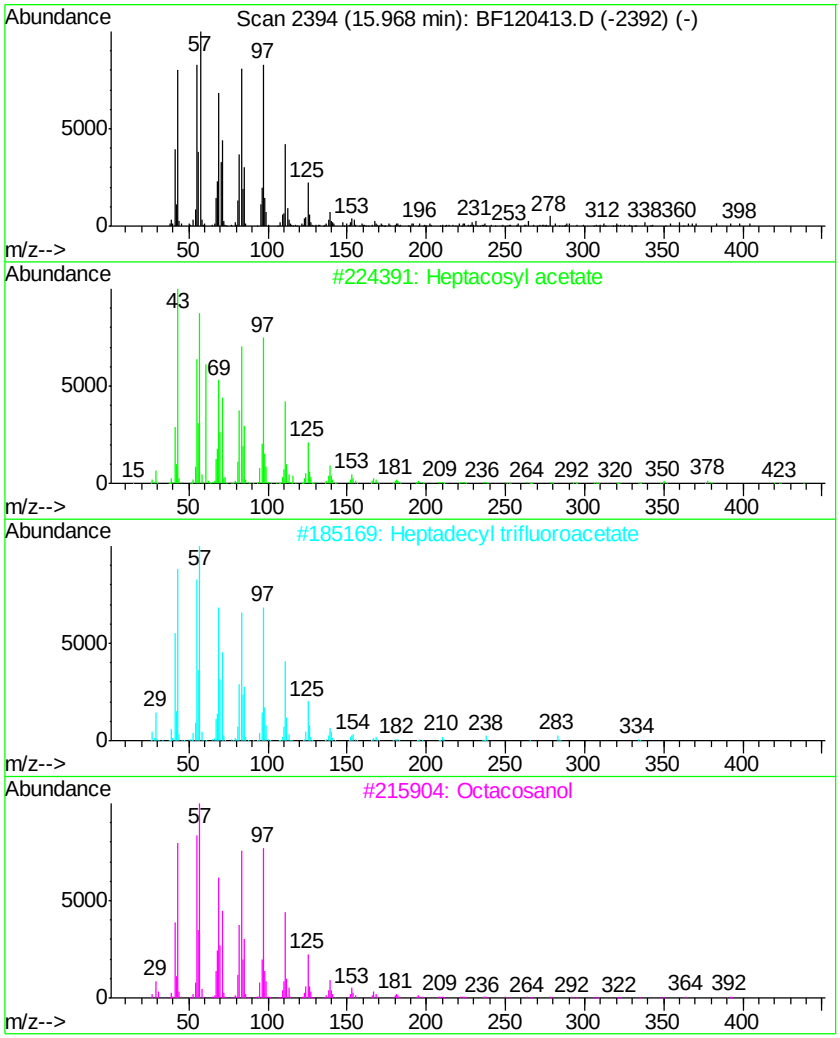
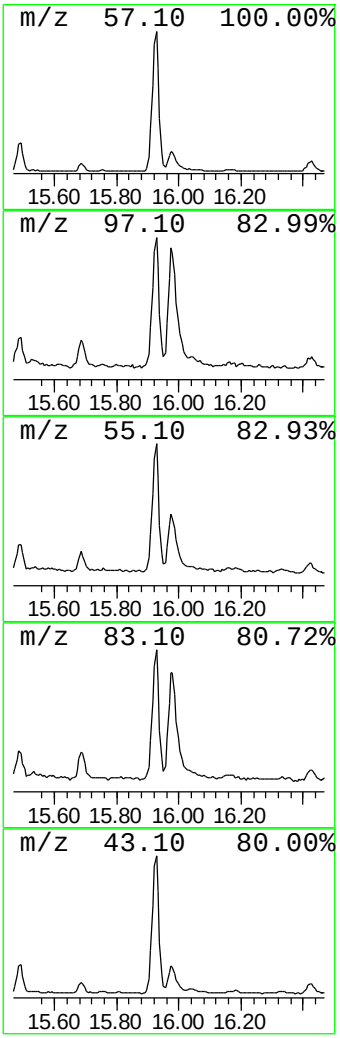
Peak Number 16 Heptacosyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	12.04 ng	860548	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3	Octacosanol	410	C28H58O	000557-61-9	94
4	Cyclotetracosane	336	C24H48	000297-03-0	94
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94





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Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-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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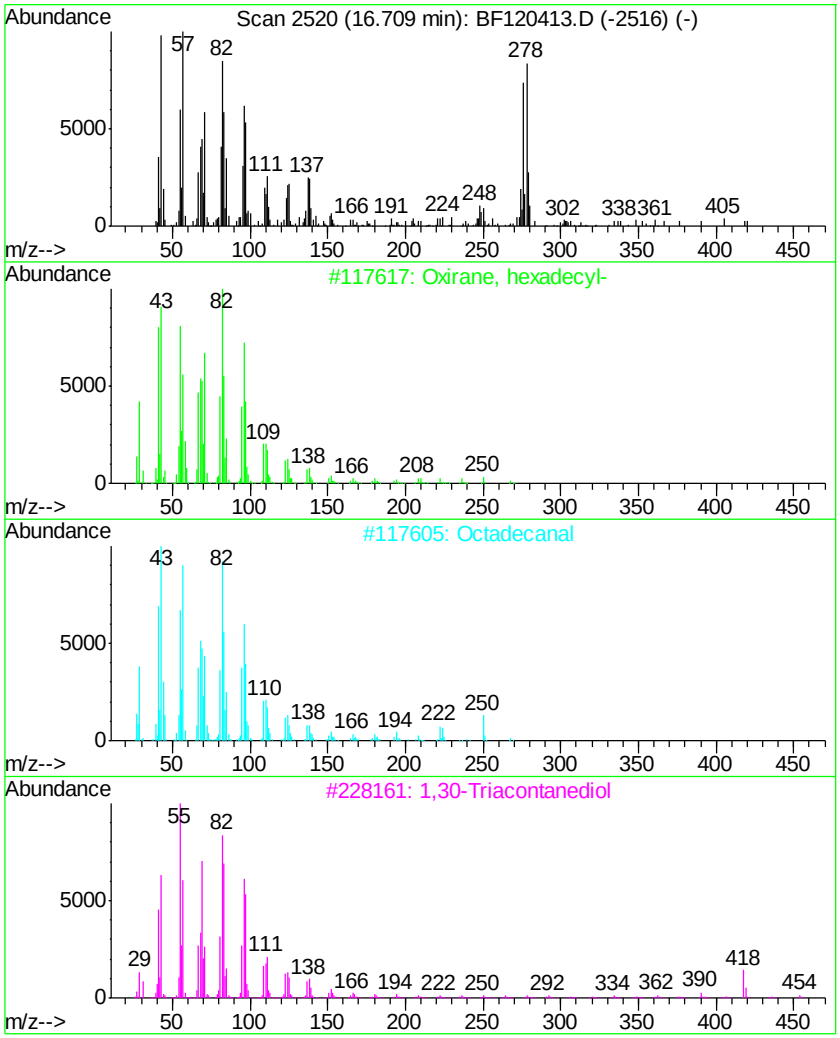
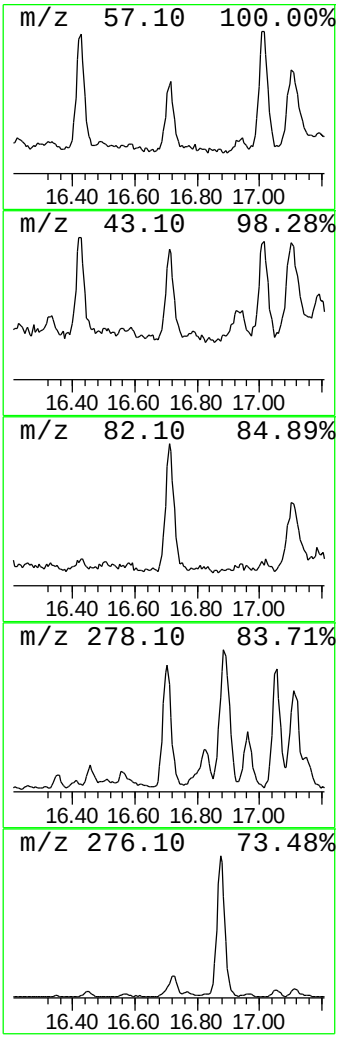
Peak Number 17 Oxirane, hexadecyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	5.75 ng	410681	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	72
2	Octadecanal	268	C18H36O	000638-66-4	51
3	1,30-Triacontanediol	454	C30H62O2	036645-68-8	38
4	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	35
5	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	27





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Data File : BF120413.D
Acq On : 28 May 2020 17:36
Operator : MA/SJ
Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-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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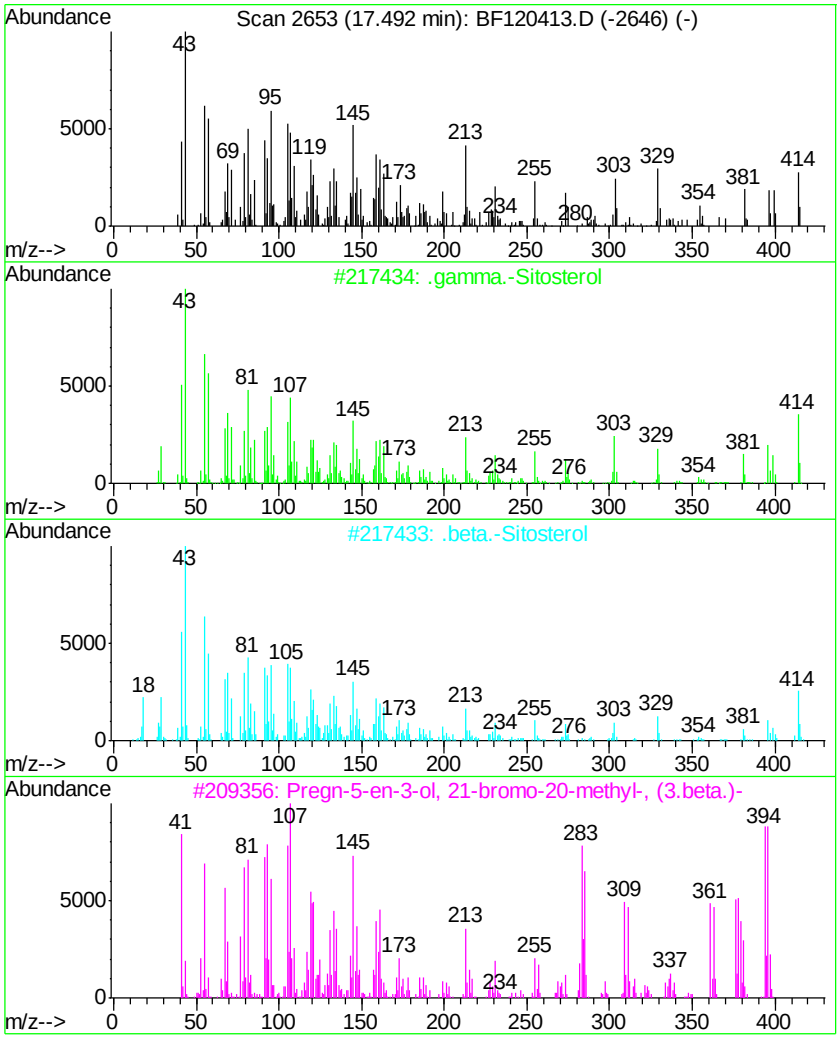
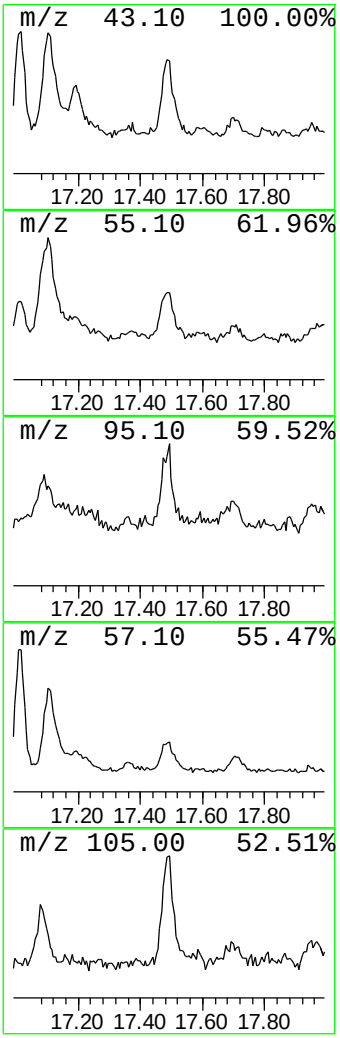
Peak Number 18 .gamma.-Sitosterol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	7.07 ng	505082	Perylene-d12	15.44

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	99
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	91
4	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	45
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	42





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Data File : BF120413.D
Acq On : 28 May 2020 17:36
Operator : MA/SJ
Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-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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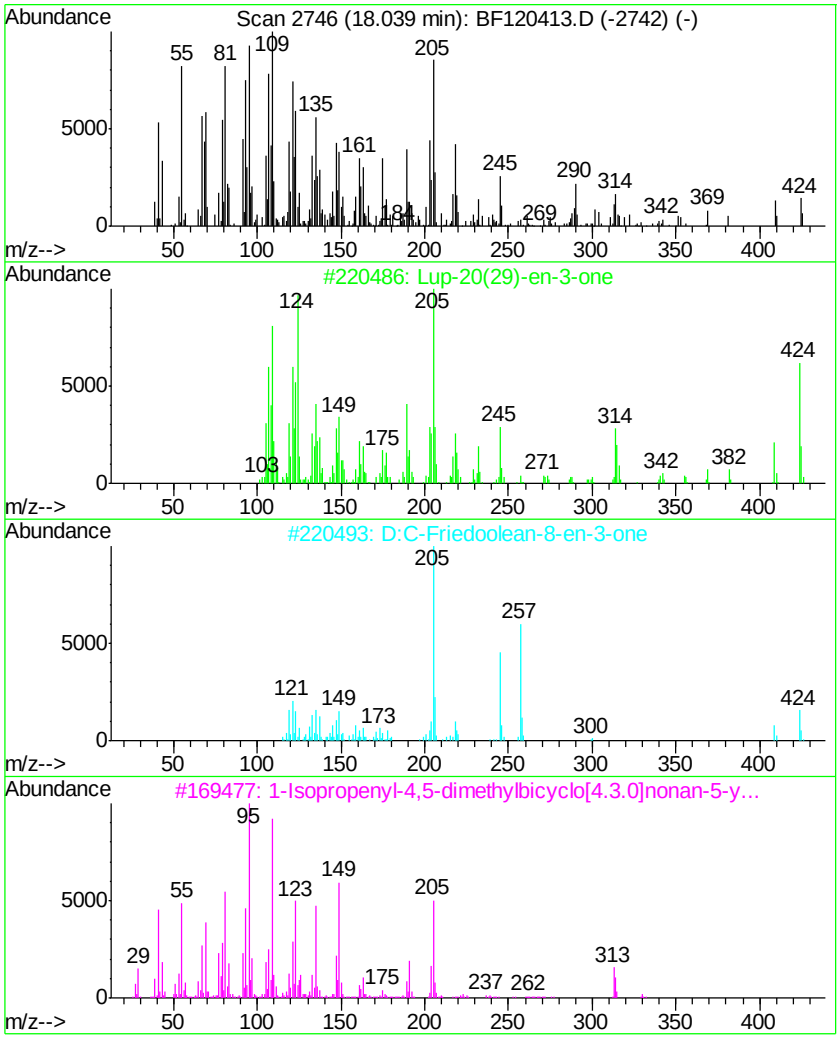
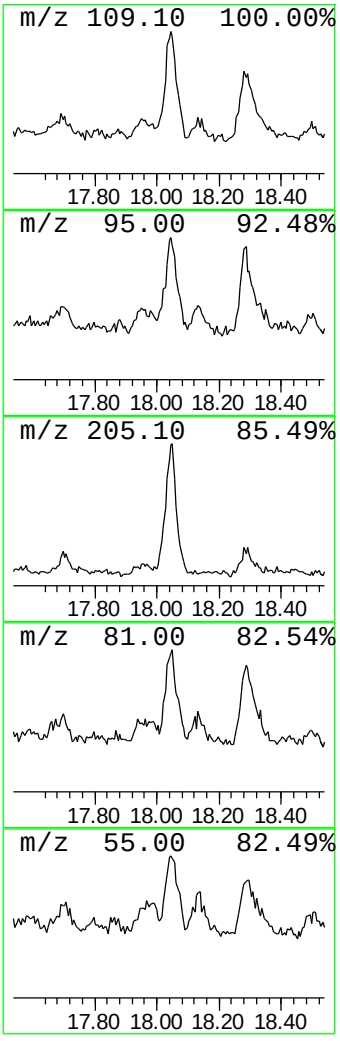
Peak Number 19 Lup-20(29)-en-3-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	8.84 ng	632129	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	83
2	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	64
3	1-Isopropenyl-4,5-dimethylbicycl...	330	C21H30OS	1000195-85-4	38
4	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	30
5	2,6,6,9,2',6',6',9'-Octamethyl-[...	410	C30H50	1000189-48-2	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120413.D
Acq On : 28 May 2020 17:36
Operator : MA/SJ
Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-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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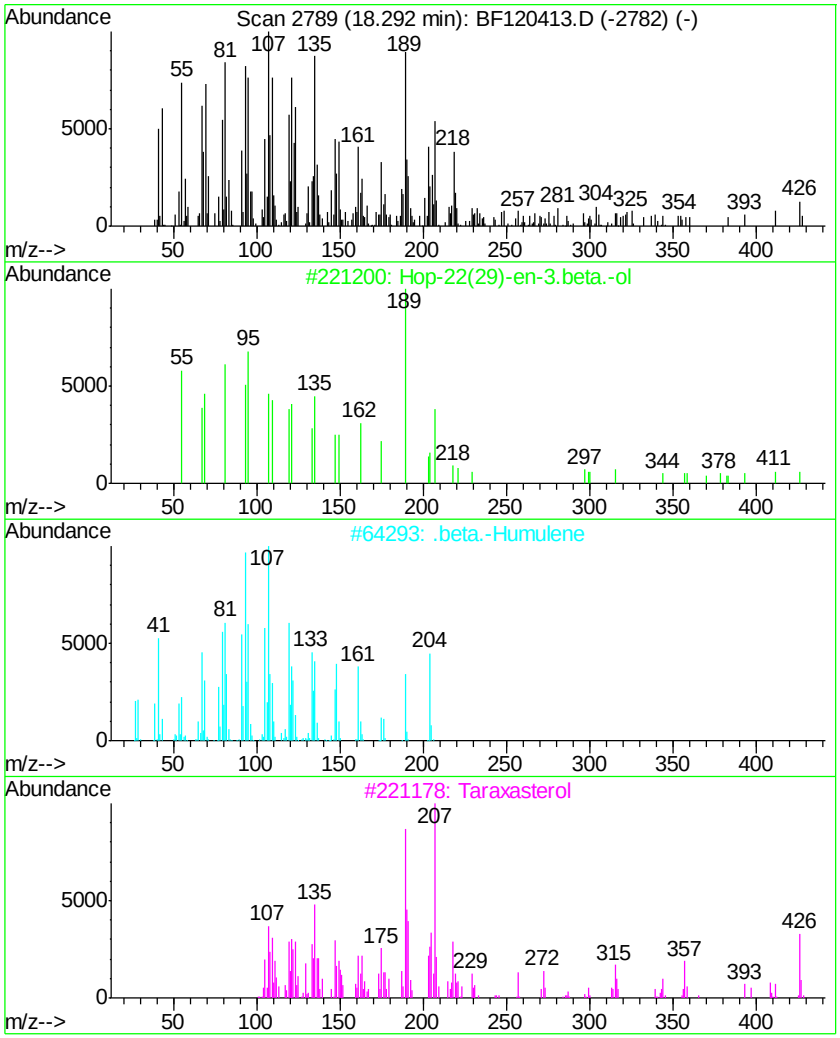
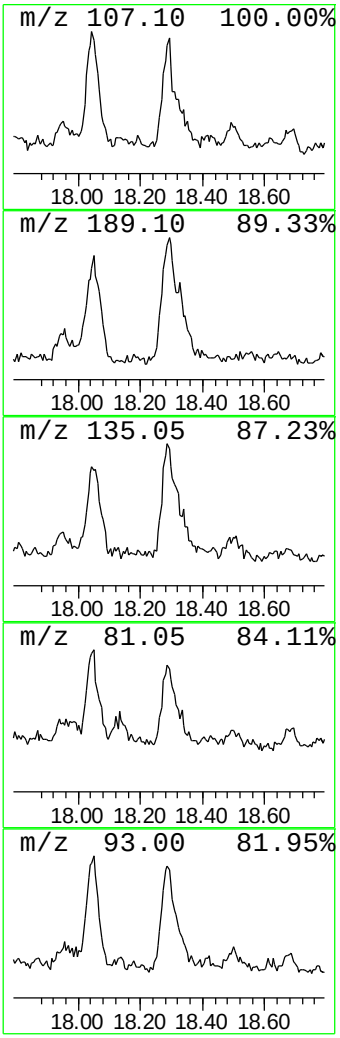
Peak Number 20 Hop-22(29)-en-3.beta.-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	10.17 ng	726641	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	89
2	.beta.-Humulene	204	C15H24	000116-04-1	74
3	Taraxasterol	426	C30H50O	001059-14-9	55
4	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	55
5	Lupeol	426	C30H50O	000545-47-1	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120413.D
Acq On : 28 May 2020 17:36
Operator : MA/SJ
Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM19-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	8.5	ng	620355	1	6.84	1461010	20.0
Methylene chloride	1.96	6.9	ng	507000	1	6.84	1461010	20.0
Butane, 2-methoxy...	2.09	19.9	ng	1452290	1	6.84	1461010	20.0
D-Limonene	6.96	7.6	ng	556587	1	6.84	1461010	20.0
Palmitoleic acid	11.82	4.3	ng	393716	4	11.36	1810860	20.0
Anthracene, 9-met...	11.85	5.4	ng	489823	4	11.36	1810860	20.0
n-Hexadecanoic acid	11.89	13.5	ng	1222370	4	11.36	1810860	20.0
Octadecanoic acid	12.67	5.0	ng	456094	4	11.36	1810860	20.0
1-Docosene	13.84	5.8	ng	800227	5	13.99	2743020	20.0
Octadecane, 1-chl...	14.47	6.5	ng	897936	5	13.99	2743020	20.0
Tetracosane	15.12	16.4	ng	1170660	6	15.44	1429610	20.0
Behenic alcohol	15.14	8.8	ng	631465	6	15.44	1429610	20.0
Benzo[e]pyrene	15.32	8.8	ng	630237	6	15.44	1429610	20.0
Heptadecane, 9-oc...	15.93	36.6	ng	2613010	6	15.44	1429610	20.0
Heptacosyl acetate	15.97	12.0	ng	860548	6	15.44	1429610	20.0
Oxirane, hexadecyl-	16.71	5.8	ng	410681	6	15.44	1429610	20.0
.gamma.-Sitosterol	17.49	7.1	ng	505082	6	15.44	1429610	20.0
Lup-20(29)-en-3-one	18.04	8.8	ng	632129	6	15.44	1429610	20.0
Hop-22(29)-en-3.b...	18.29	10.2	ng	726641	6	15.44	1429610	20.0