LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120451.D
Acq On : 29 May 2020 20:45
Operator : MA/SJ
Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM35-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	1.928	3	7	10	rVB	533496	629309	10.24%	0.928%
2	1.963	10	13	32	rVB	2091337	3300051	53.70%	4.868%
3	2.104	33	37	50	rVB	1285483	1642121	26.72%	2.422%
4	3.310	240	242	258	rBV	25453	69393	1.13%	0.102%
5	5.451	601	606	609	rBV	4025095	4276713	69.60%	6.309%
6	6.463	773	778	781	rBV	4166657	4726260	76.91%	6.972%
7	6.663	809	812	818	rBV	668565	593823	9.66%	0.876%
8	6.839	838	842	845	rBV	1861786	1715266	27.91%	2.530%
9	6.992	864	868	872	rVB	4696714	4441536	72.28%	6.552%
10	7.398	931	937	940	rBV	3434813	3515004	57.20%	5.185%
11	8.116	1055	1059	1063	rBV	2329017	2173403	35.37%	3.206%
12	9.198	1237	1243	1246	rBV	6448836	6145025	100.00%	9.065%
13	9.316	1255	1263	1266	rBV	1901149	1812688	29.50%	2.674%
14	9.586	1305	1309	1312	rBV	894474	658022	10.71%	0.971%
15	9.874	1353	1358	1361	rBV	2580009	2232107	36.32%	3.293%
16	10.457	1453	1457	1463	rBV	845482	824100	13.41%	1.216%
17	10.657	1487	1491	1495	rBV	3345217	3240045	52.73%	4.780%
18	10.857	1522	1525	1532	rBV4	44375	75505	1.23%	0.111%
19	11.016	1546	1552	1556	rBV6	42300	69921	1.14%	0.103%
20	11.304	1598	1601	1605	rBV	156540	154903	2.52%	0.229%
21	11.357	1605	1610	1612	rVV	2376327	2055589	33.45%	3.032%
22	11.380	1612	1614	1617	rVB	557500	415053	6.75%	0.612%
23	11.427	1617	1622	1626	rBV	121043	141911	2.31%	0.209%
24	11.545	1638	1642	1645	rBV	156944	184752	3.01%	0.273%
25	11.574	1645	1647	1655	rVB2	92907	145181	2.36%	0.214%
26	11.815	1683	1688	1691	rBV3	131183	167983	2.73%	0.248%
27	11.851	1691	1694	1697	rVV2	167945	166555	2.71%	0.246%
28	11.886	1697	1700	1704	rVV	579573	524703	8.54%	0.774%
29	11.968	1710	1714	1716	rBV2	102058	102331	1.67%	0.151%
30	12.063	1727	1730	1736	rVB2	76271	94348	1.54%	0.139%
31	12.410	1785	1789	1793	rBV	436467	495202	8.06%	0.731%
32	12.445	1793	1795	1799	rVB3	59925	70202	1.14%	0.104%
33	12.568	1810	1816	1819	rBV	823468	808338	13.15%	1.192%
34	12.604	1819	1822	1825	rVV	345122	296701	4.83%	0.438%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120451.D
Acq On : 29 May 2020 20:45
Operator : MA/SJ
Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM35-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	12.792	1849	1854	1857	rBV	628329	678656	11.04%	1.001%
36	12.904	1867	1873	1876	rBV2	64958	106795	1.74%	0.158%
37	12.945	1876	1880	1883	rVB	4991576	4541409	73.90%	6.699%
38	13.121	1908	1910	1913	rVB2	99865	92305	1.50%	0.136%
39	13.157	1913	1916	1918	rBV	194163	205245	3.34%	0.303%
40	13.227	1924	1928	1931	rBV2	79397	83307	1.36%	0.123%
41	13.392	1953	1956	1958	rBV2	78798	63601	1.03%	0.094%
42	13.521	1972	1978	1985	rBV7	64611	126610	2.06%	0.187%
43	13.633	1993	1997	2001	rVB2	75508	97782	1.59%	0.144%
44	13.739	2011	2015	2018	rBV2	60040	85368	1.39%	0.126%
45	13.792	2022	2024	2028	rVV2	66958	77043	1.25%	0.114%
46	13.845	2028	2033	2040	rVV3	885638	1212530	19.73%	1.789%
47	13.992	2050	2058	2061	rBV2	1852567	2047874	33.33%	3.021%
48	14.015	2061	2062	2069	rVB	349155	267802	4.36%	0.395%
49	14.168	2085	2088	2092	rVB3	74939	90361	1.47%	0.133%
50	14.286	2105	2108	2111	rBV	322732	260935	4.25%	0.385%
51	14.380	2121	2124	2127	rVB2	76083	67145	1.09%	0.099%
52	14.474	2136	2140	2146	rBV3	411813	629592	10.25%	0.929%
53	14.845	2201	2203	2210	rVB2	69855	89294	1.45%	0.132%
54	14.915	2212	2215	2221	rVV	273793	282954	4.60%	0.417%
55	15.021	2229	2233	2236	rBV	326832	468503	7.62%	0.691%
56	15.109	2244	2248	2250	rBV	379266	443267	7.21%	0.654%
57	15.133	2250	2252	2259	rVB2	450948	573253	9.33%	0.846%
58	15.321	2280	2284	2290	rVB	194080	244381	3.98%	0.361%
59	15.380	2290	2294	2298	rBV	267524	289691	4.71%	0.427%
60	15.445	2300	2305	2308	rBV	1252263	1510978	24.59%	2.229%
61	15.480	2308	2311	2316	rVB3	131720	202238	3.29%	0.298%
62	15.686	2342	2346	2350	rVB	196013	244193	3.97%	0.360%
63	15.915	2381	2385	2390	rBV	416434	607135	9.88%	0.896%
64	15.968	2390	2394	2402	rVV2	337788	600069	9.77%	0.885%
65	16.321	2450	2454	2463	rVB8	104355	212006	3.45%	0.313%
66	16.703	2514	2519	2526	rBV3	187160	340746	5.55%	0.503%
67	16.874	2544	2548	2552	rBV2	113470	239722	3.90%	0.354%
68	17.080	2575	2583	2596	rBV6	664646	1762940	28.69%	2.601%
69	17.303	2618	2621	2627	rVB	68290	106147	1.73%	0.157%
70	17.480	2644	2651	2664	rVB5	255152	713529	11.61%	1.053%
71	18.492	2818	2823	2831	rVB7	69092	158505	2.58%	0.234%

LSC Area Percent Report

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Data File : BF120451.D
Acq On : 29 May 2020 20:45
Operator : MA/SJ
Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM35-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

Sum of corrected areas: 67787955

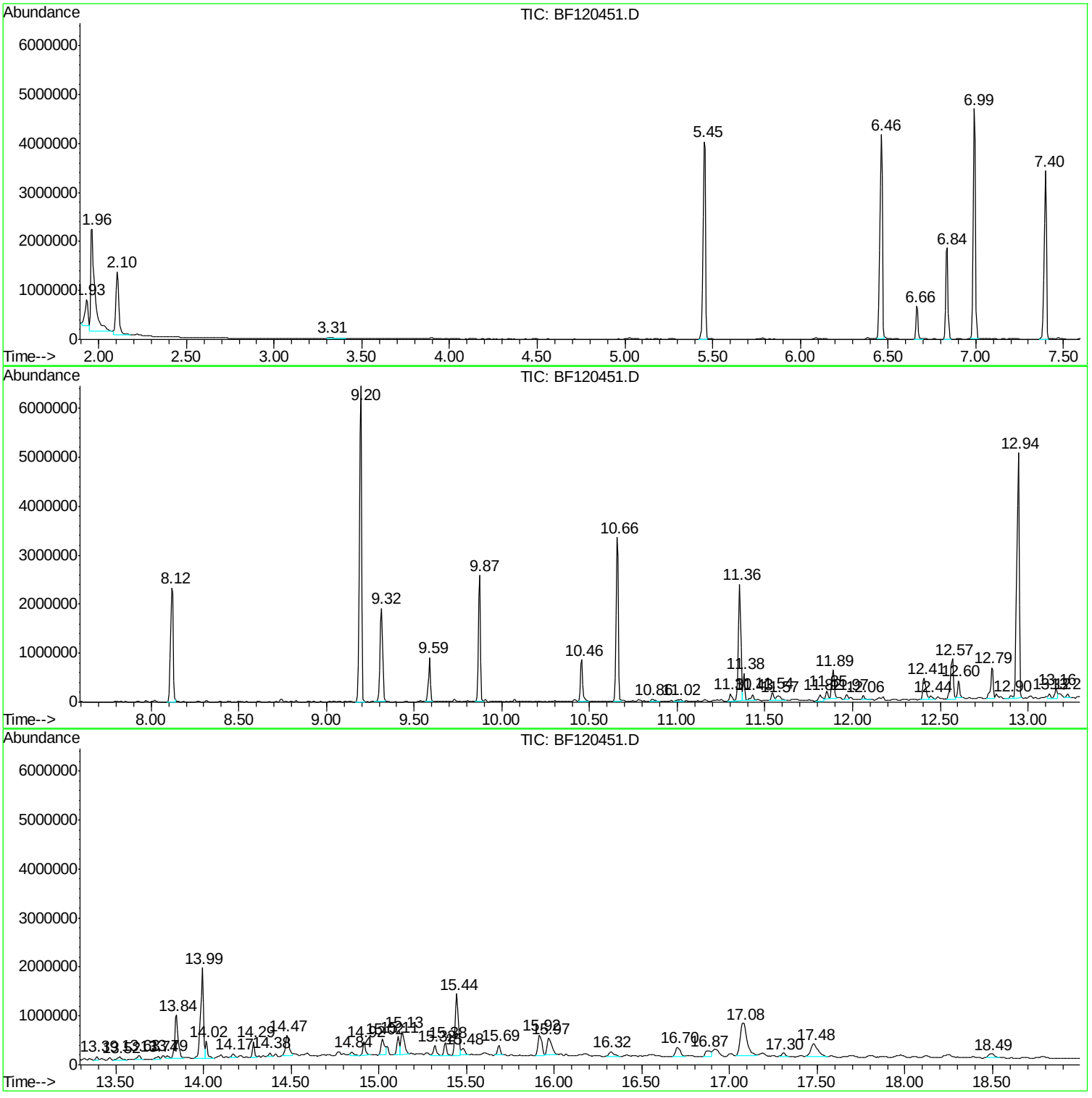
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120451.D
Acq On : 29 May 2020 20:45
Operator : MA/SJ
Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM35-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\BF052920\
Data File : BF120451.D
Acq On : 29 May 2020 20:45
Operator : MA/SJ
Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM35-COMP-2020-0-6

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

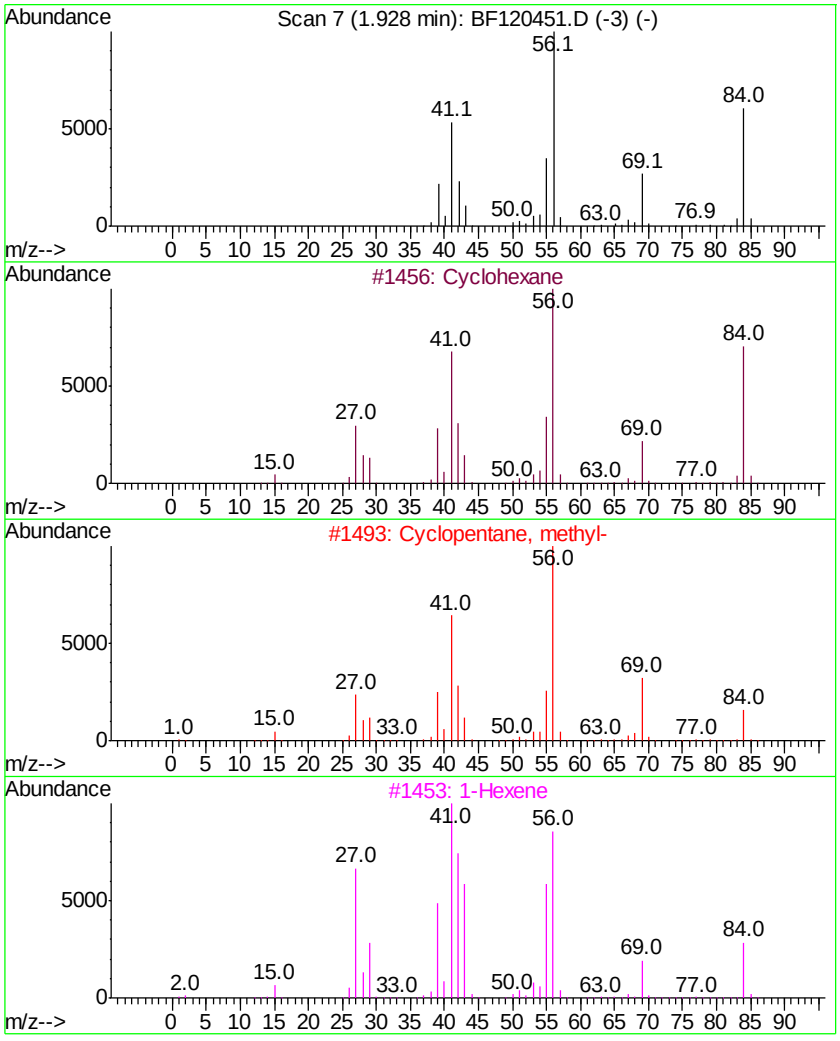
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

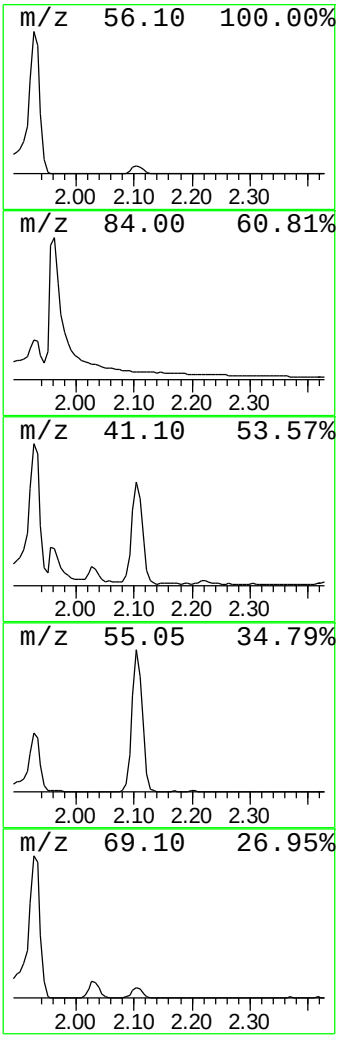
****

Peak Number 1 Cyclohexane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.93	7.34 ng	629309	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
3	1-Hexene	84	C6H12	000592-41-6	59
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
5	Cyclobutane	56	C4H8	000287-23-0	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120451.D
Acq On : 29 May 2020 20:45
Operator : MA/SJ
Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM35-COMP-2020-0-6

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

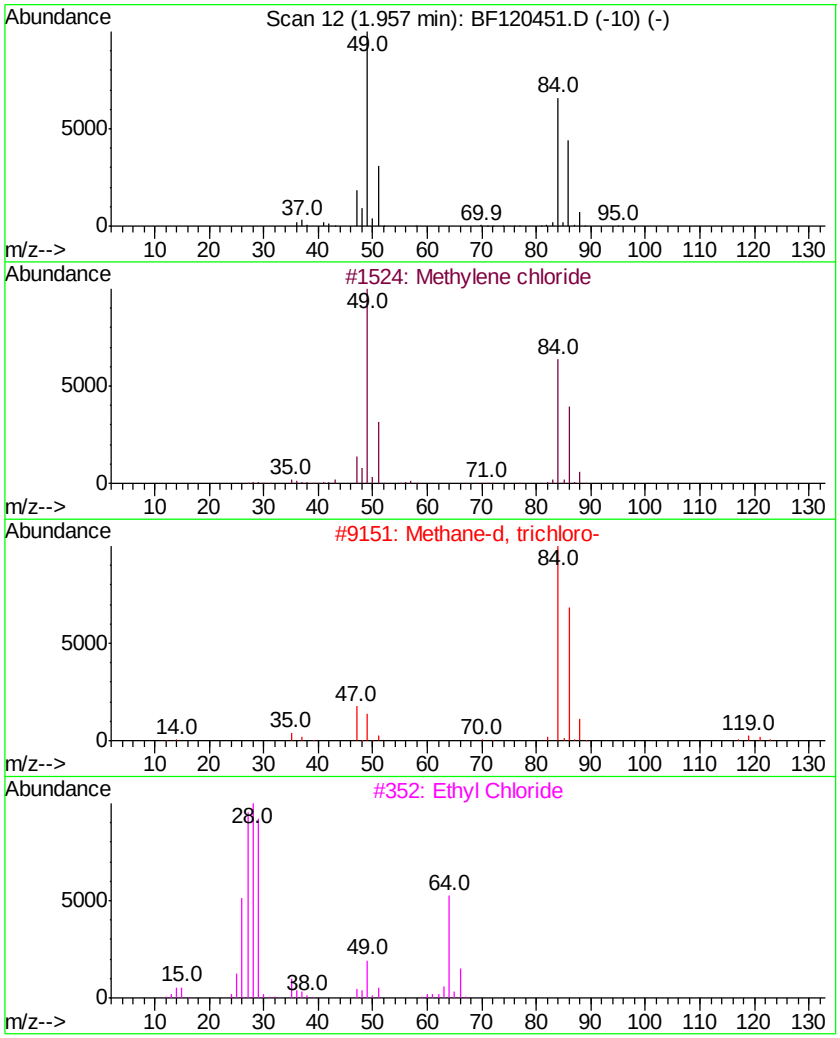
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

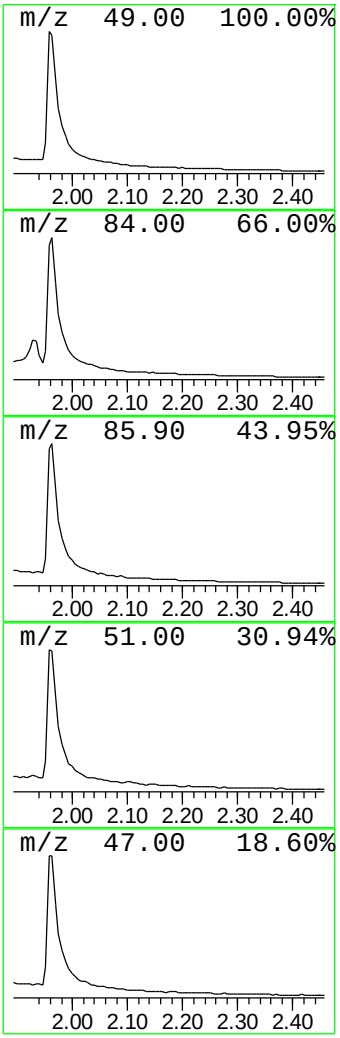
****

Peak Number 2 Methylene chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	38.48 ng	3300050	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	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
5	2-Chloroethanol	80	C2H5ClO	000107-07-3	1





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120451.D
Acq On : 29 May 2020 20:45
Operator : MA/SJ
Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM35-COMP-2020-0-6

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

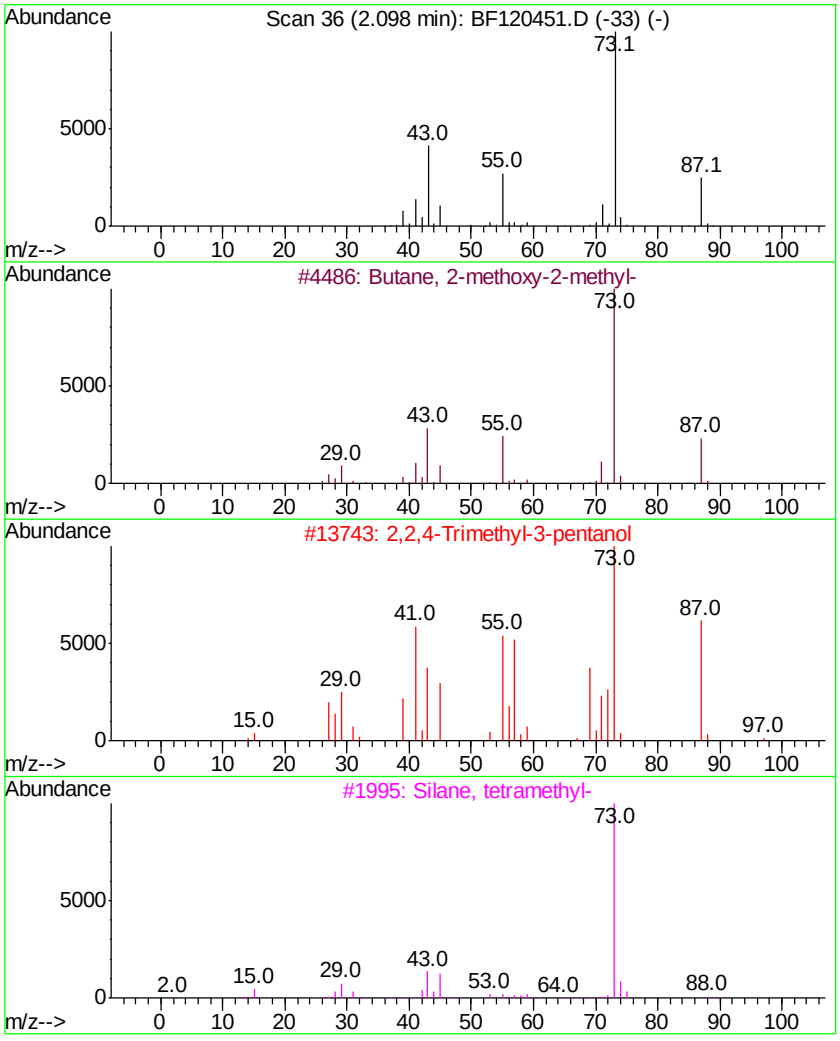
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

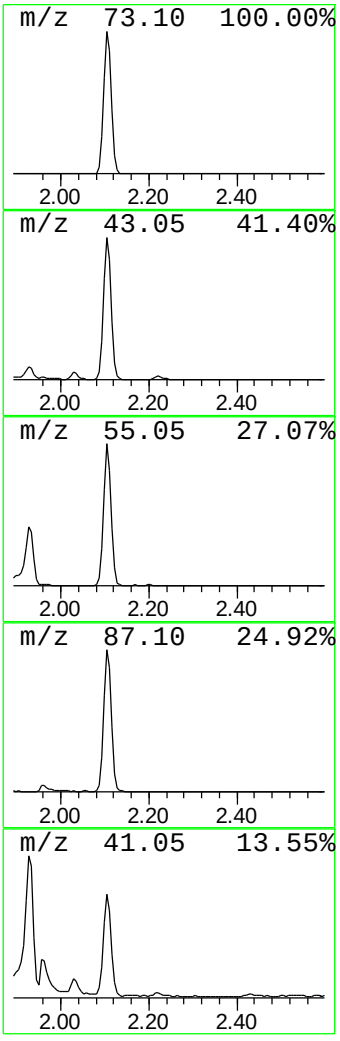
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.10	19.15 ng	1642120	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
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\BF052920\
Data File : BF120451.D
Acq On : 29 May 2020 20:45
Operator : MA/SJ
Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM35-COMP-2020-0-6

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

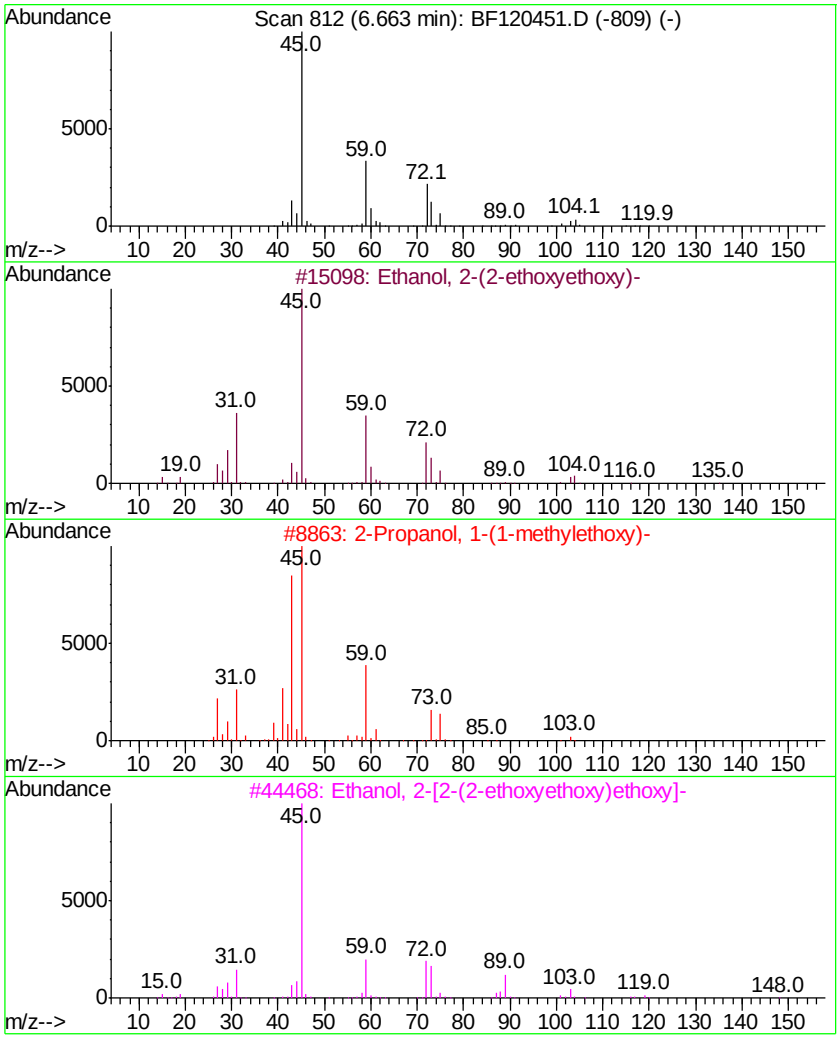
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

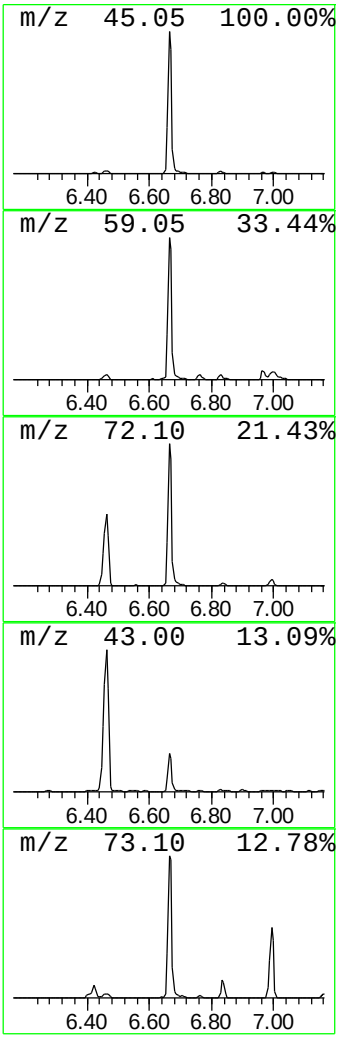
****

Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	6.92 ng	593823	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	39
4	Ethanol, 2-[2-(2-propenyloxy)eth...	146	C7H14O3	015075-50-0	28
5	Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120451.D
Acq On : 29 May 2020 20:45
Operator : MA/SJ
Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM35-COMP-2020-0-6

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

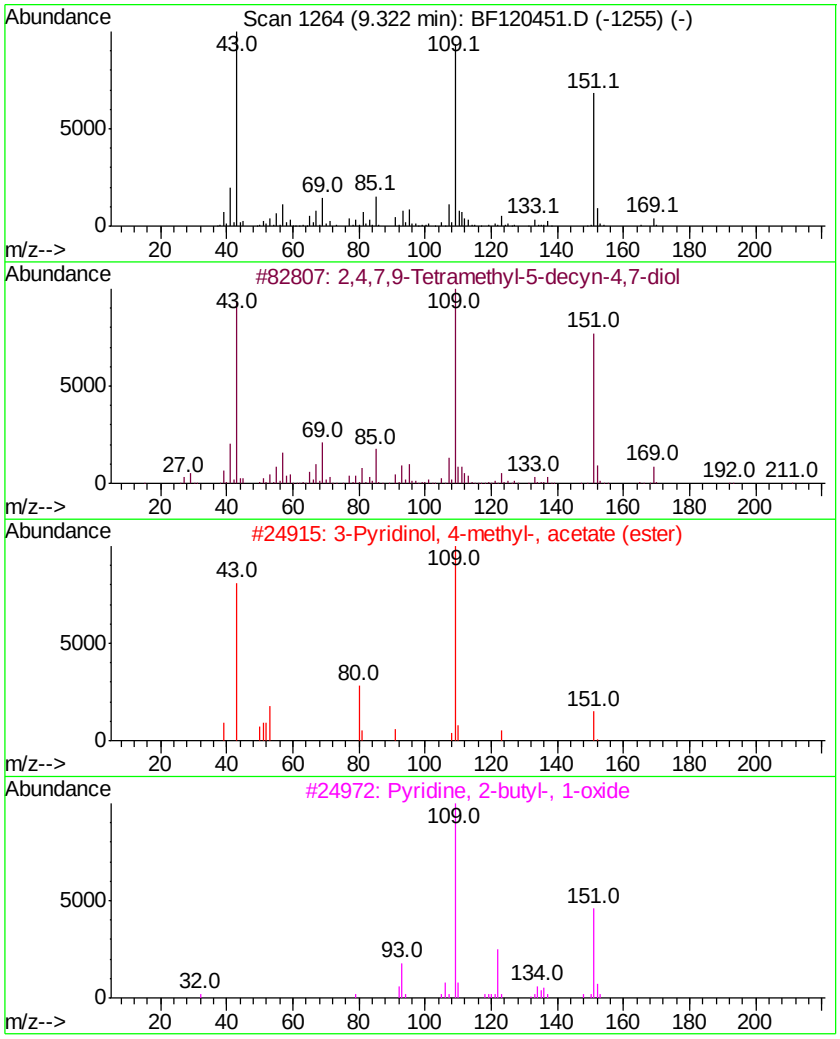
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

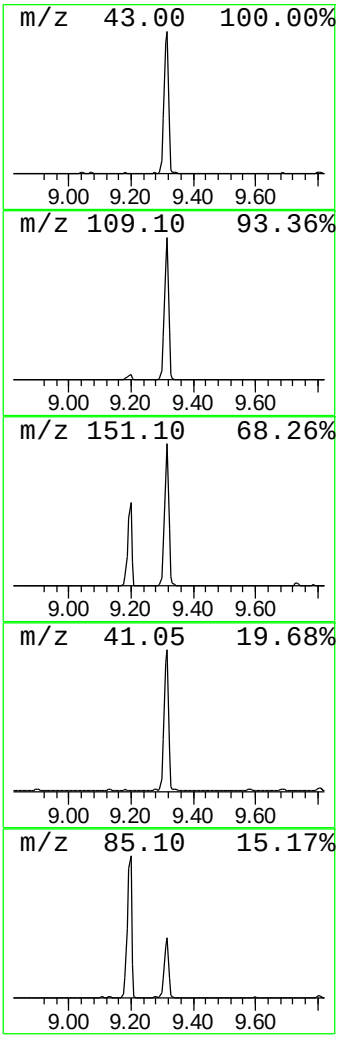
****

Peak Number 6 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	16.24 ng	1812690	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
4	Metacetamol	151	C8H9NO2	000621-42-1	59
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	43





Library Search Compound Report

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Data File : BF120451.D
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Operator : MA/SJ
Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM35-COMP-2020-0-6

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

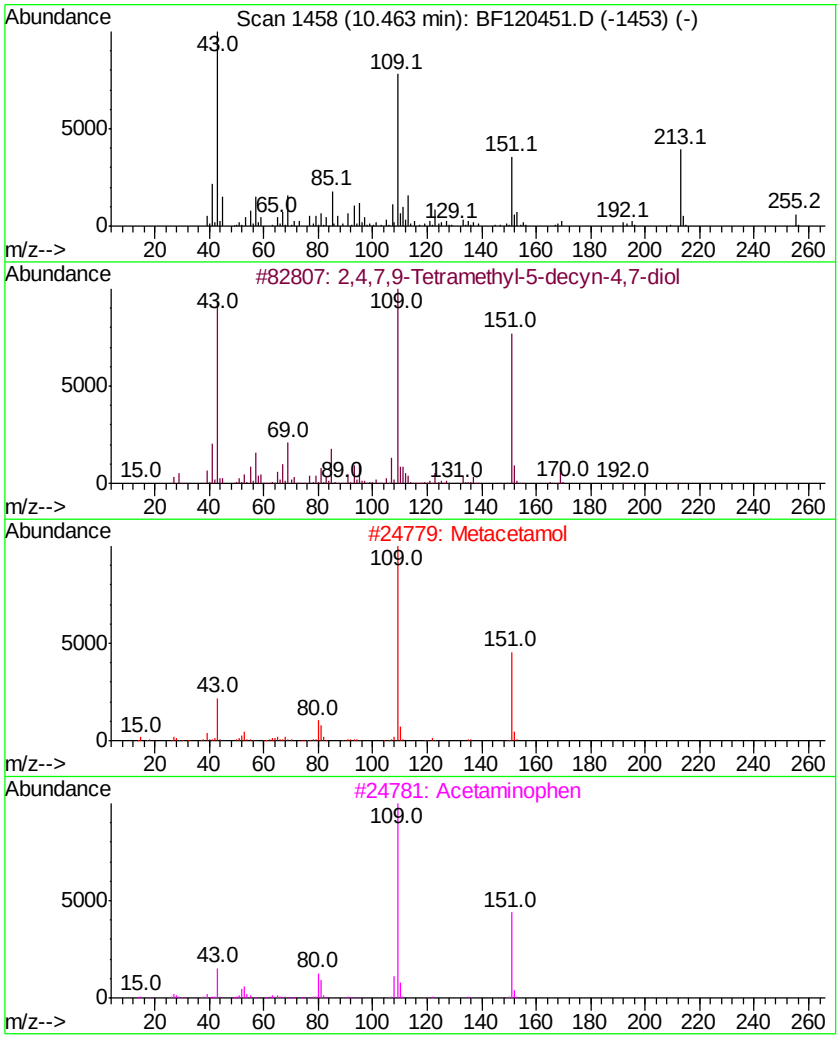
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

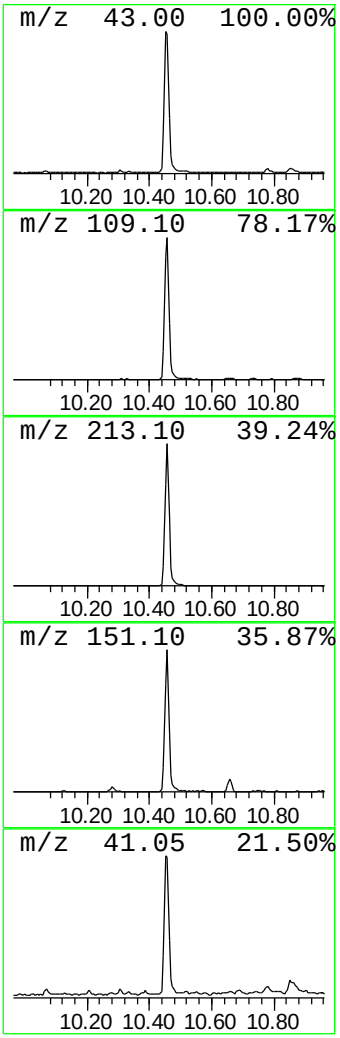
****

Peak Number 7 unknown10.46 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	7.38 ng	824100	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	72
2	Metacetamol	151	C8H9NO2	000621-42-1	46
3	Acetaminophen	151	C8H9NO2	000103-90-2	43
4	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	43
5	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120451.D
Acq On : 29 May 2020 20:45
Operator : MA/SJ
Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM35-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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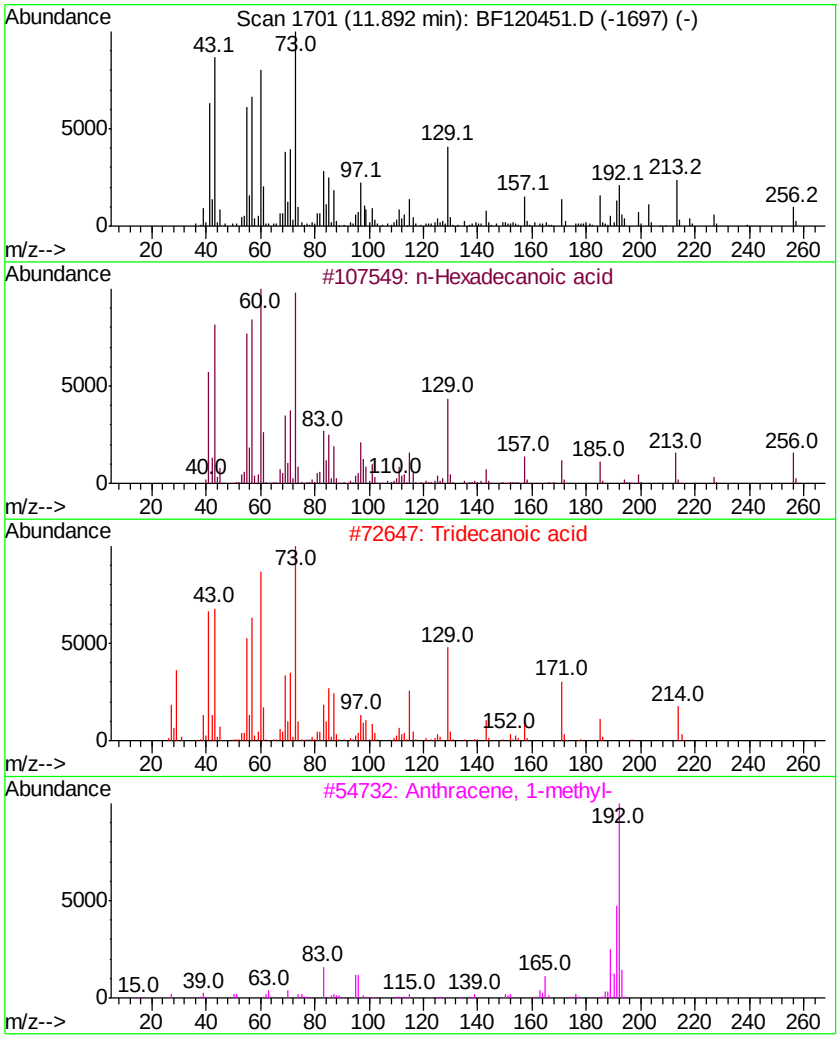
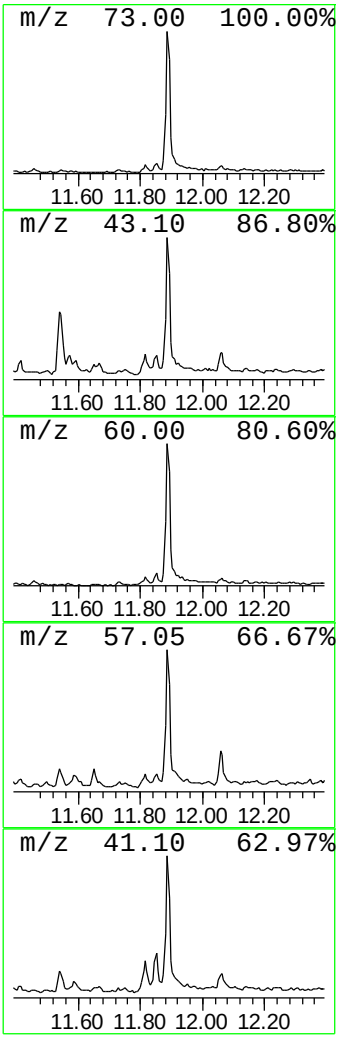
Peak Number 8 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	5.11 ng	524703	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	70





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Acq On : 29 May 2020 20:45
Operator : MA/SJ
Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM35-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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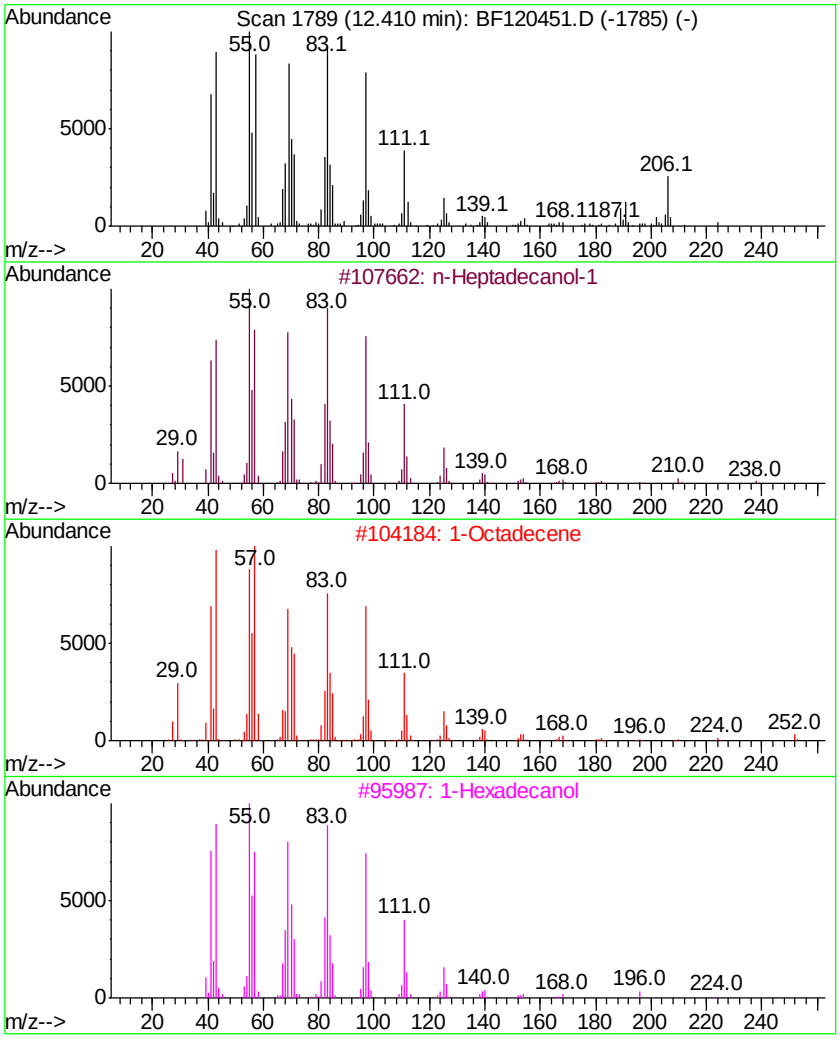
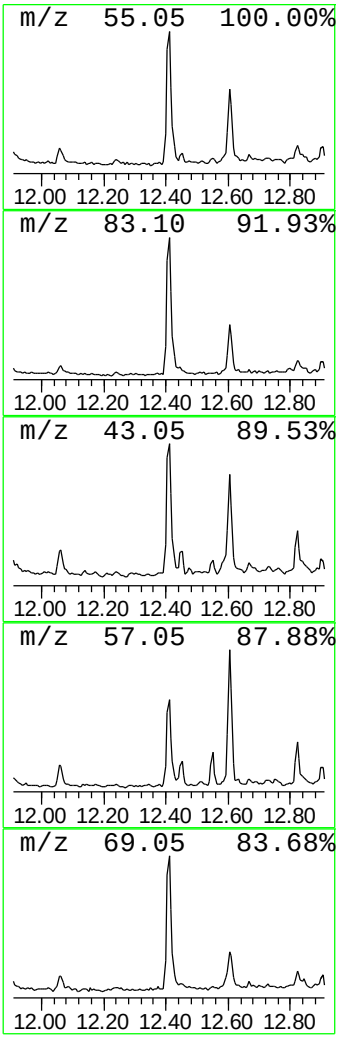
Peak Number 9 n-Heptadecanol-1 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	4.82 ng	495202	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	93
2	1-Octadecene	252	C18H36	000112-88-9	93
3	1-Hexadecanol	242	C16H34O	036653-82-4	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	n-Pentadecanol	228	C15H32O	000629-76-5	90





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Sample : L2773-09
Misc :
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Instrument : BNA_F
ClientSampleId : NM35-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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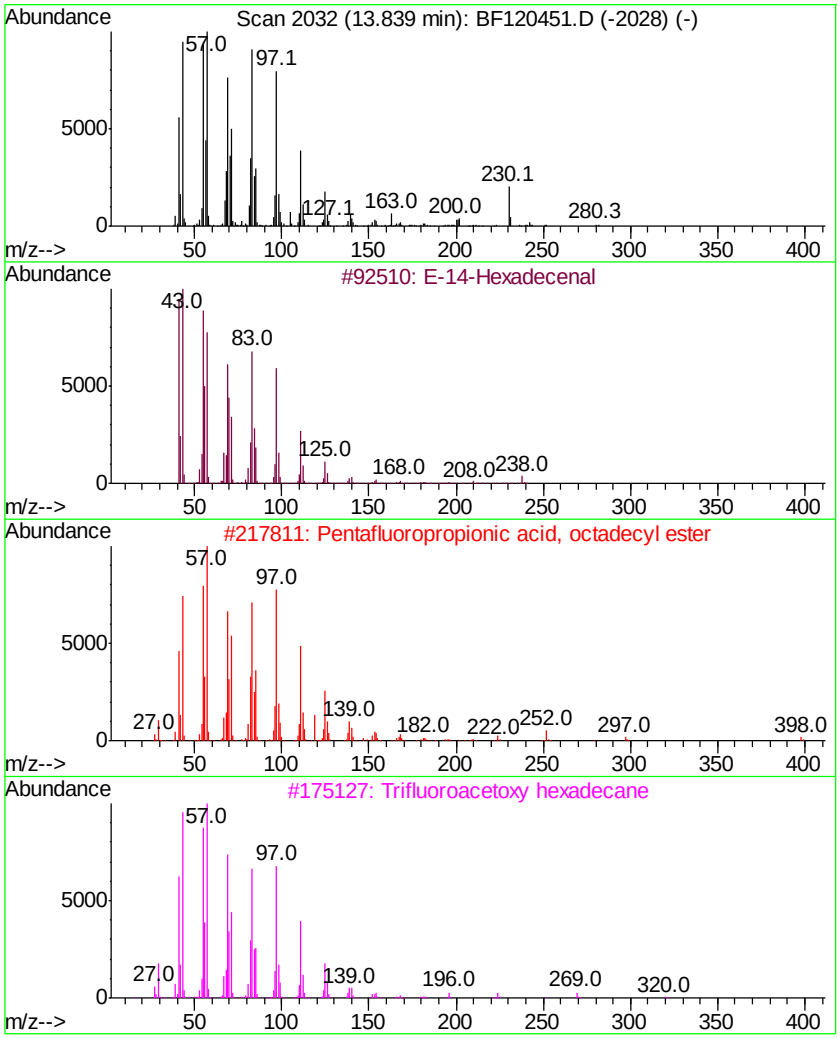
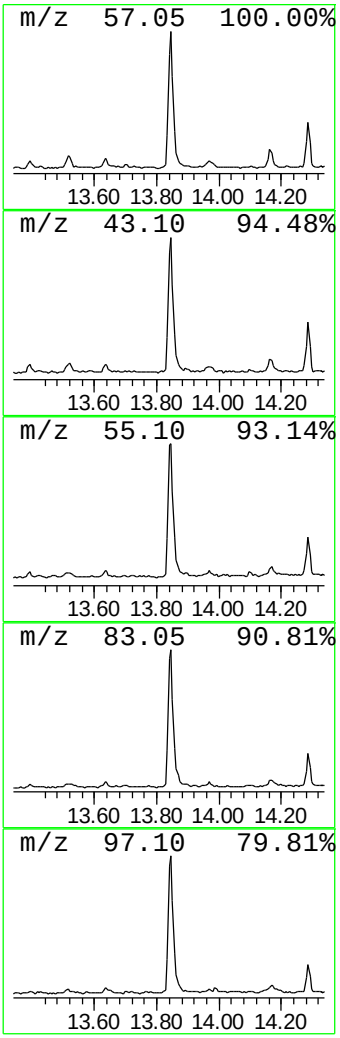
Peak Number 10 E-14-Hexadecenal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	11.84 ng	1212530	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	94
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93





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Misc :
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ClientSampleId : NM35-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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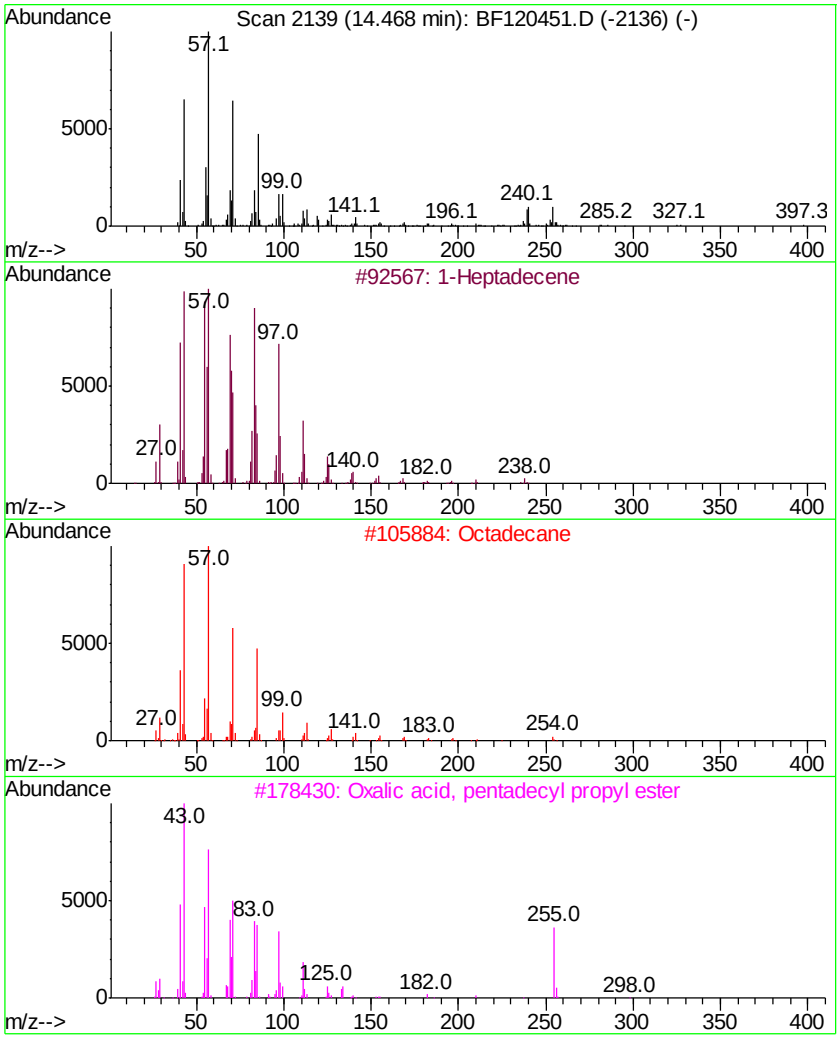
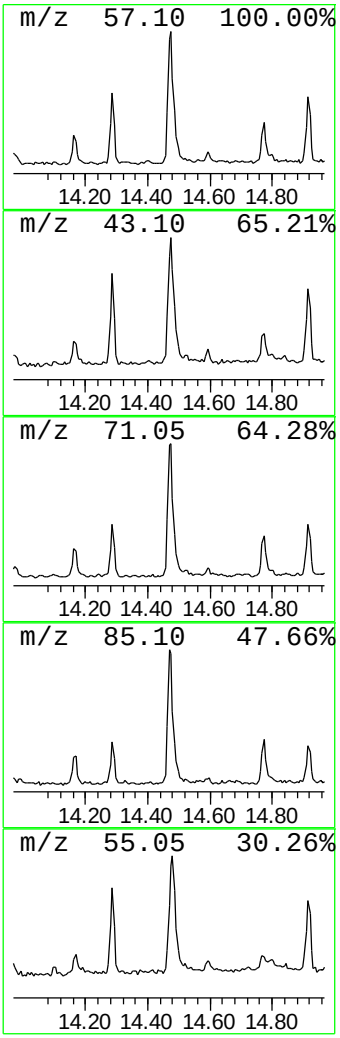
Peak Number 11 1-Heptadecene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	6.15 ng	629592	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	94
2	Octadecane	254	C18H38	000593-45-3	89
3	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	87
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	83





Library Search Compound Report

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Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM35-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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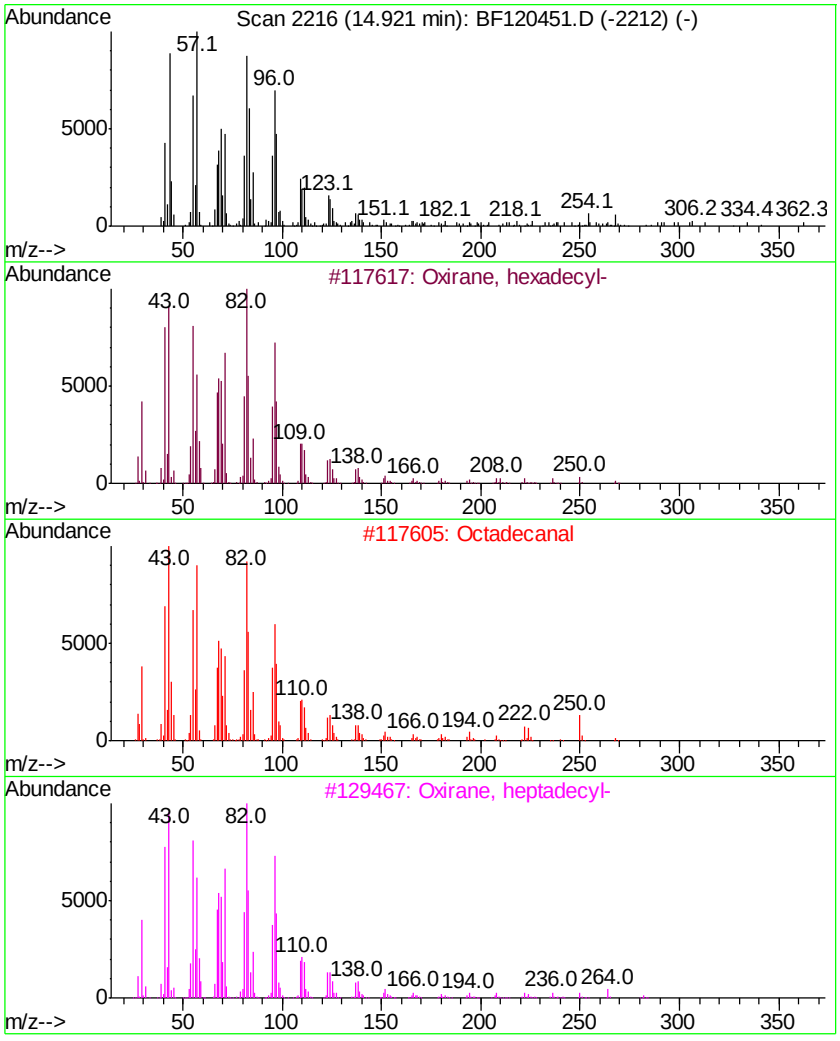
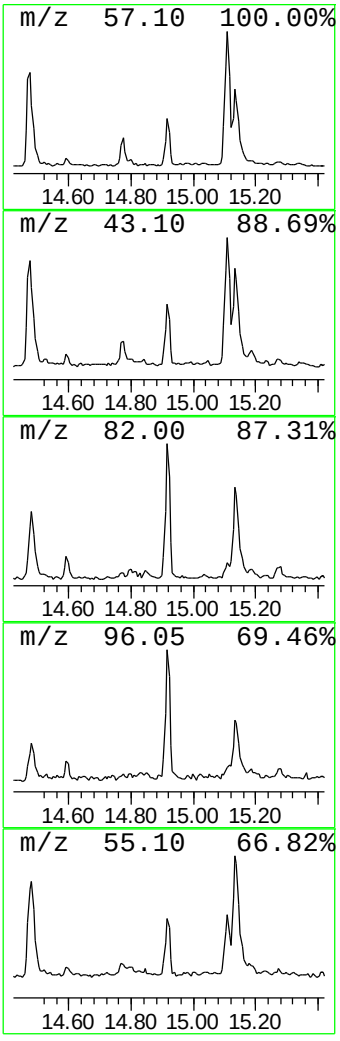
Peak Number 12 Oxirane, hexadecyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	3.75 ng	282954	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
2	Octadecanal	268	C18H36O	000638-66-4	94
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	17-Octadecenal	266	C18H34O	056554-86-0	86
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	83





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Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM35-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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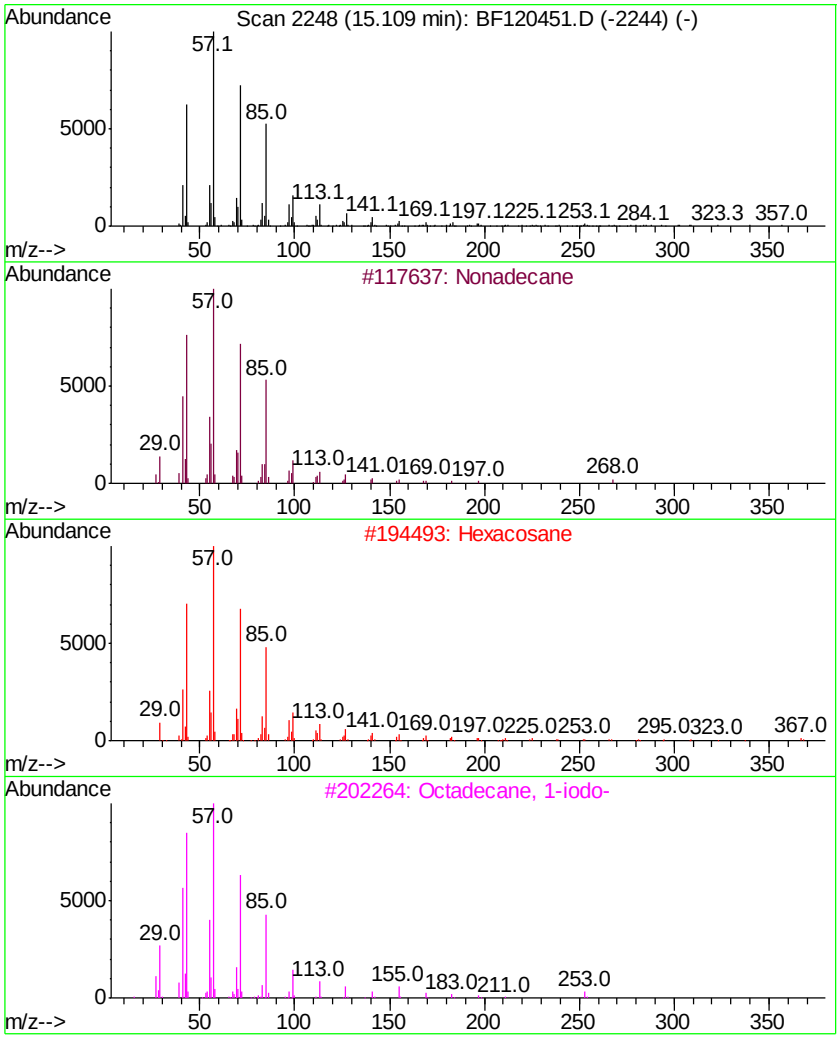
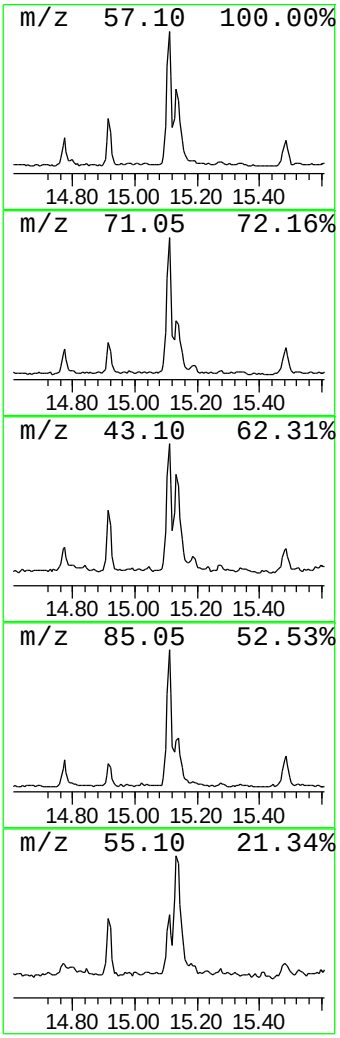
Peak Number 13 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	5.87 ng	443267	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Heptacosane	380	C27H56	000593-49-7	83
5	Octadecane	254	C18H38	000593-45-3	83





Library Search Compound Report

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Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId : NM35-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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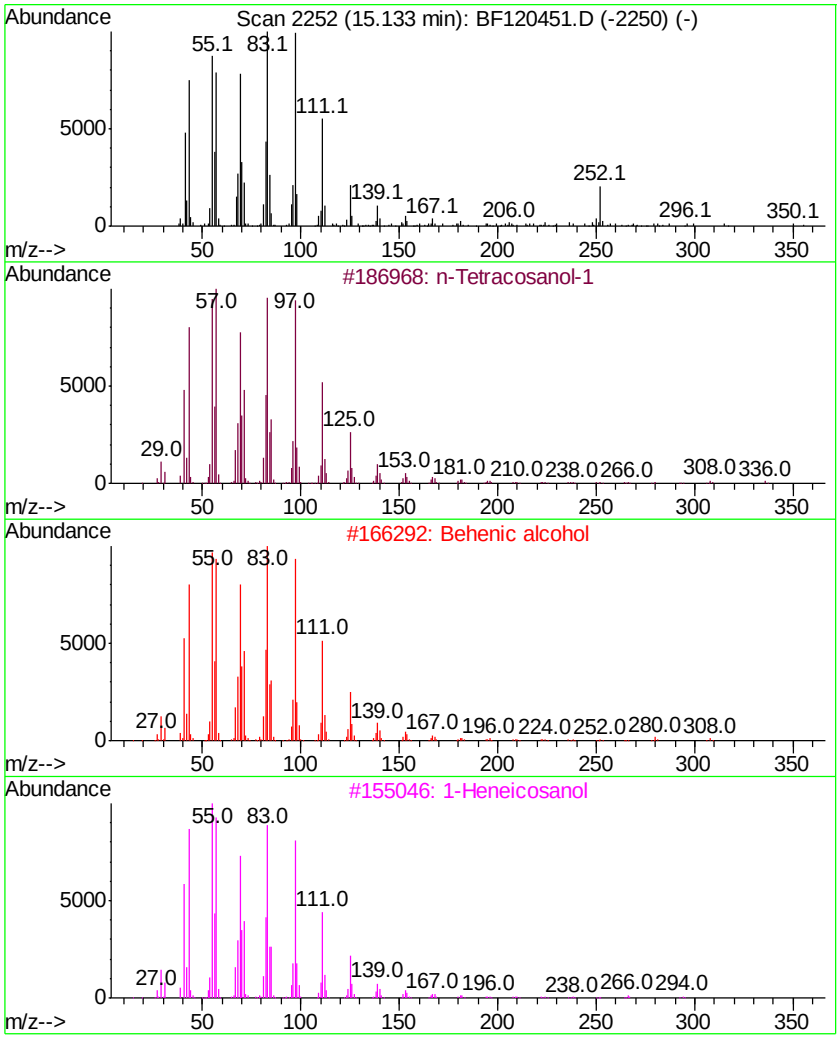
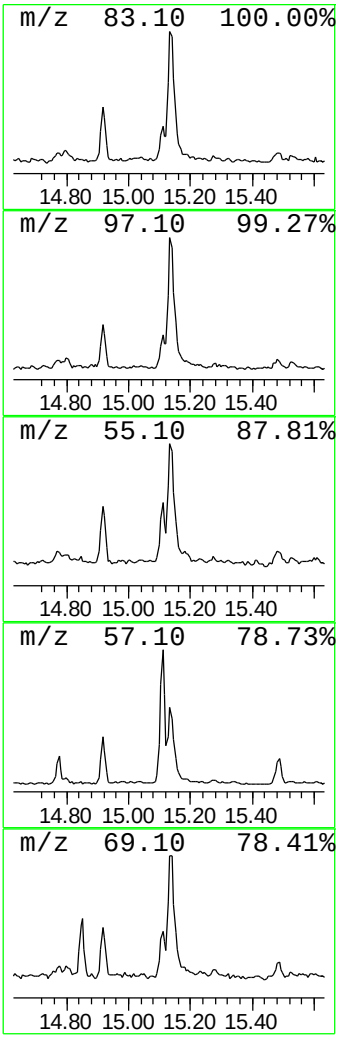
Peak Number 14 n-Tetracosanol-1 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	7.59 ng	573253	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	Cyclohexadecane	224	C16H32	000295-65-8	89





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Sample : L2773-09
Misc :
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Instrument : BNA_F
ClientSampleId : NM35-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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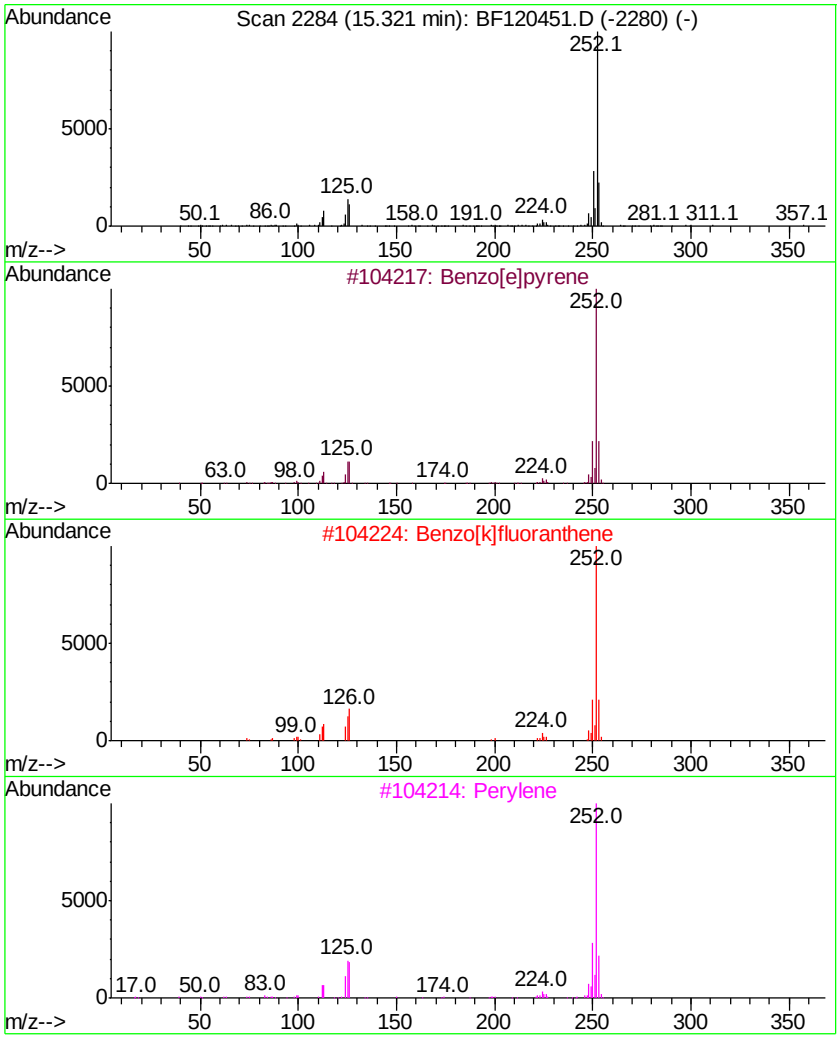
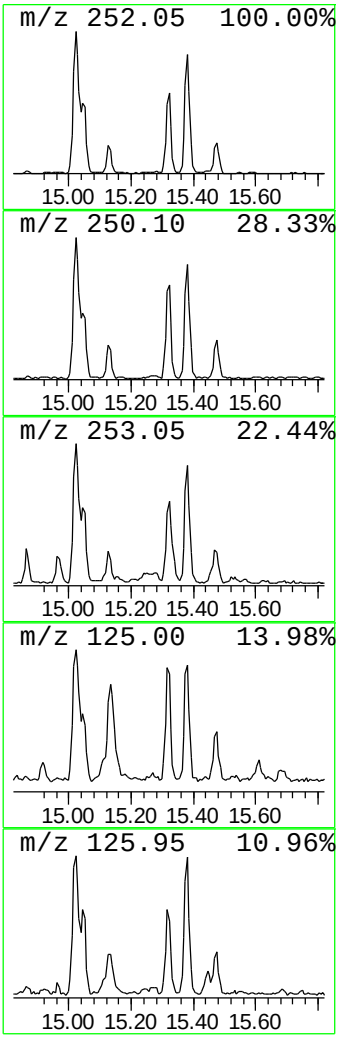
Peak Number 15 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	3.23 ng	244381	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	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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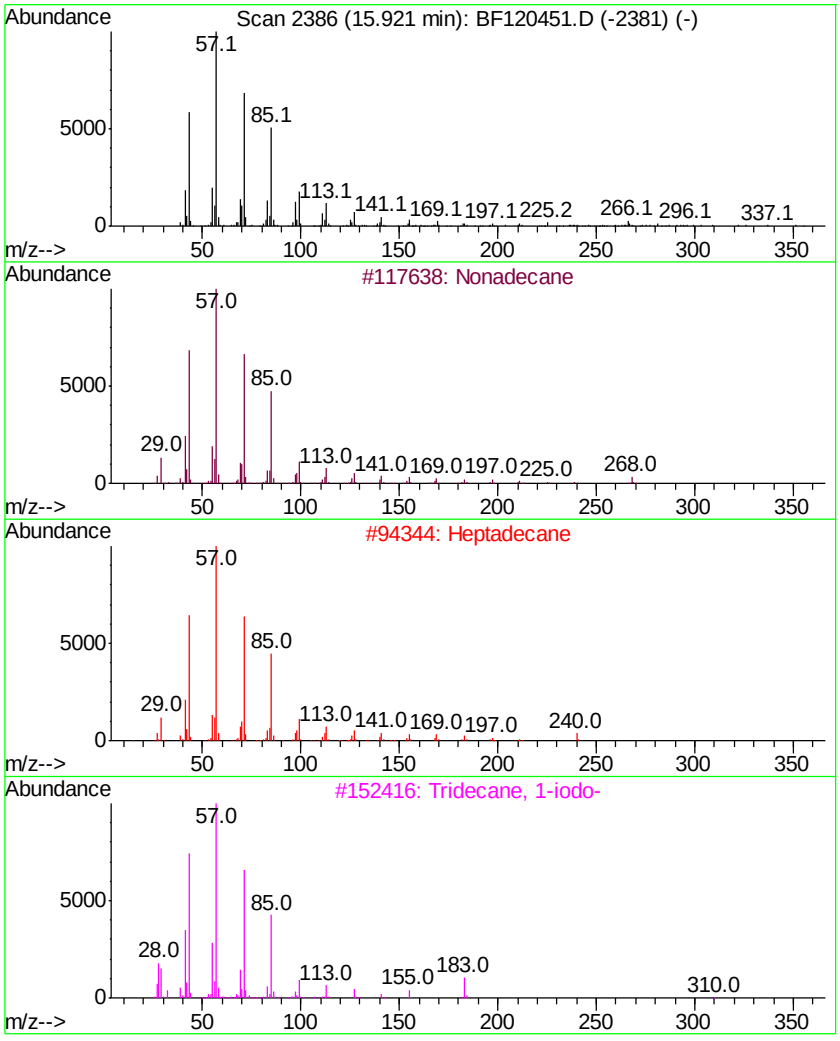
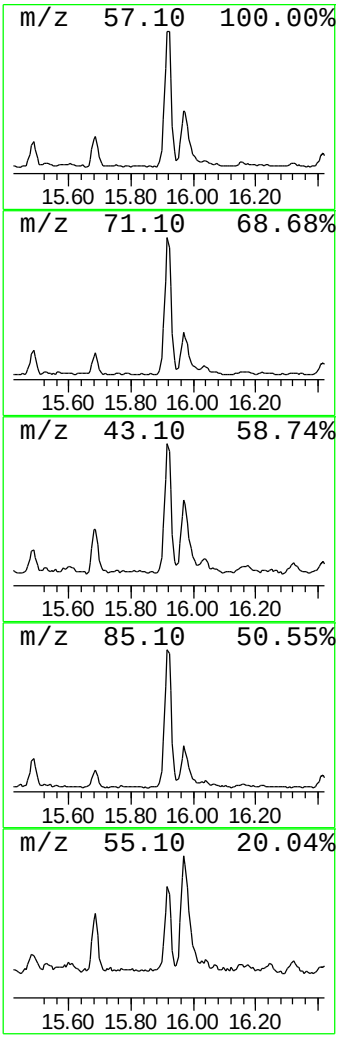
Peak Number 16 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	8.04 ng	607135	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Triacontane	422	C30H62	000638-68-6	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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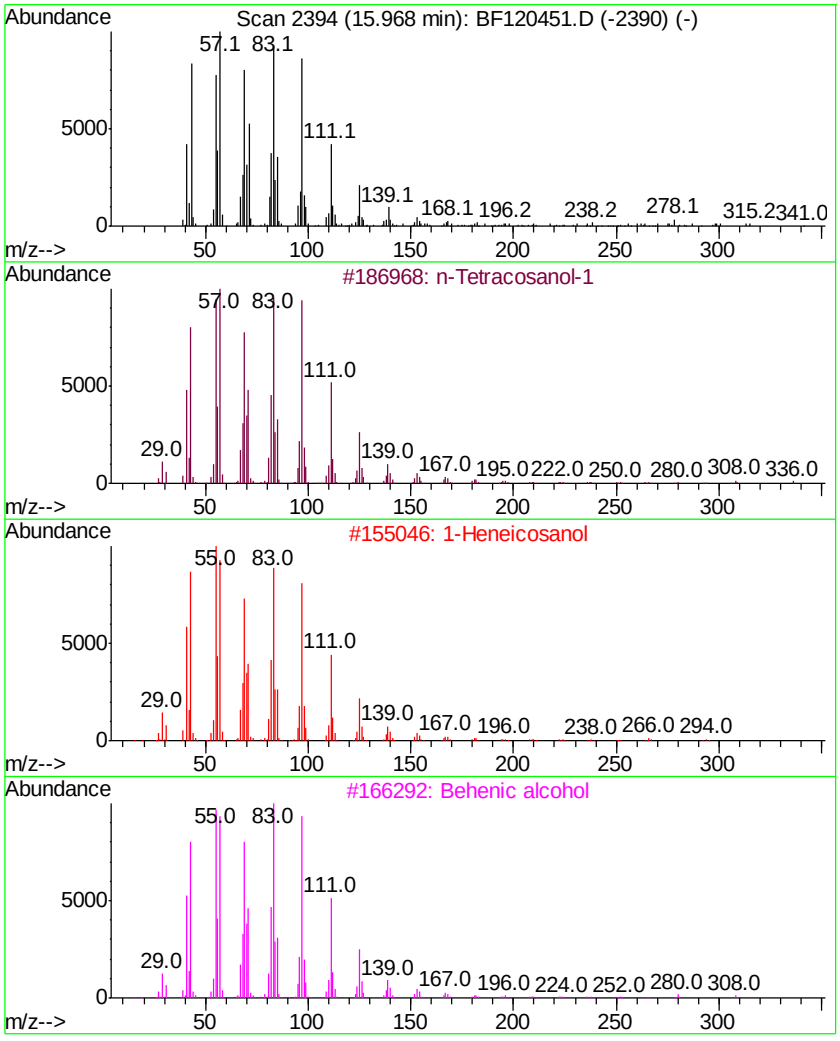
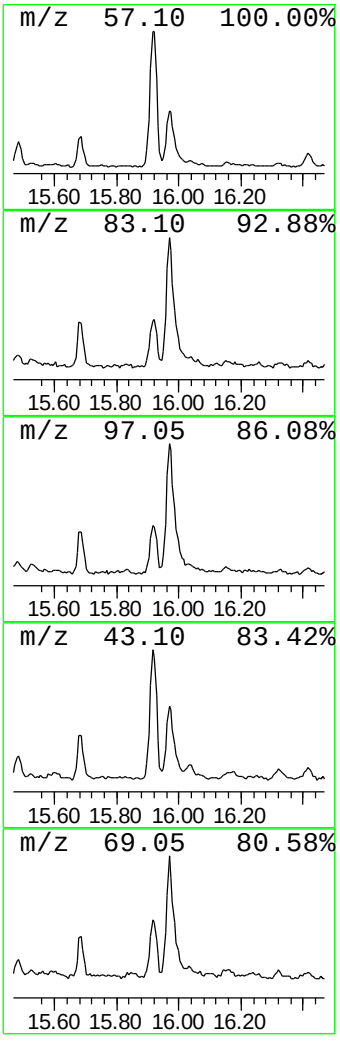
Peak Number 17 1-Heneicosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	7.94 ng	600069	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	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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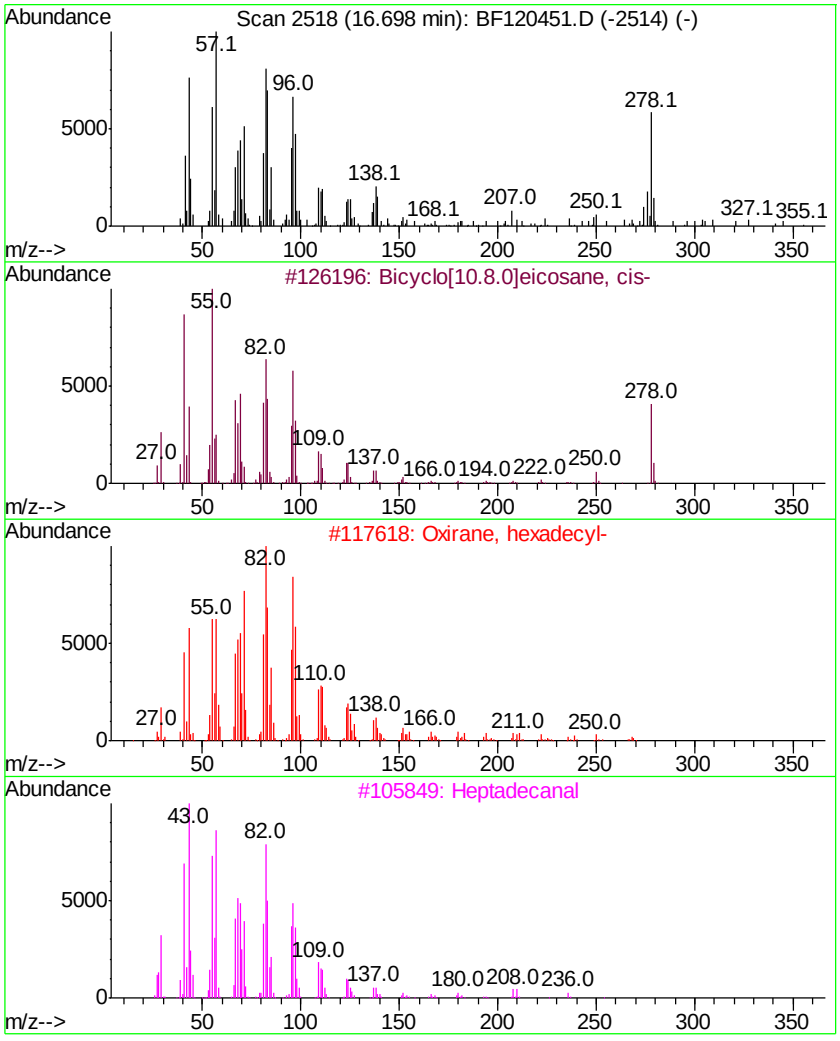
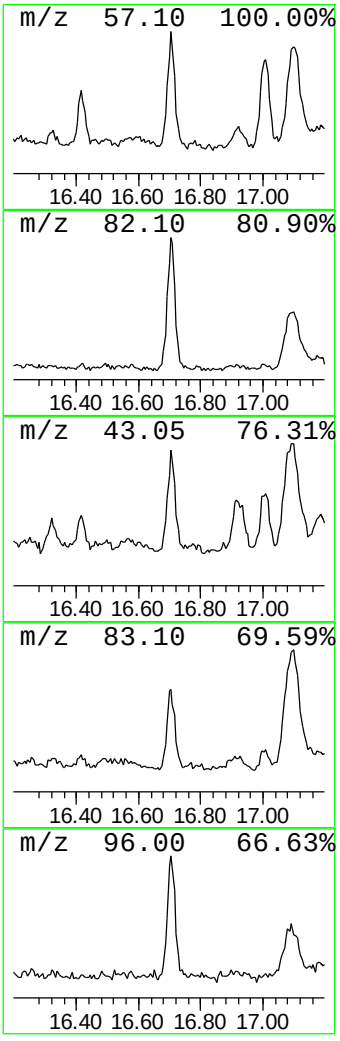
Peak Number 18 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	4.51 ng	340746	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3	Heptadecanal	254	C17H34O	1000376-70-0	72
4	Tetradecanal	212	C14H28O	000124-25-4	64
5	Octadecanal	268	C18H36O	000638-66-4	62





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Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM35-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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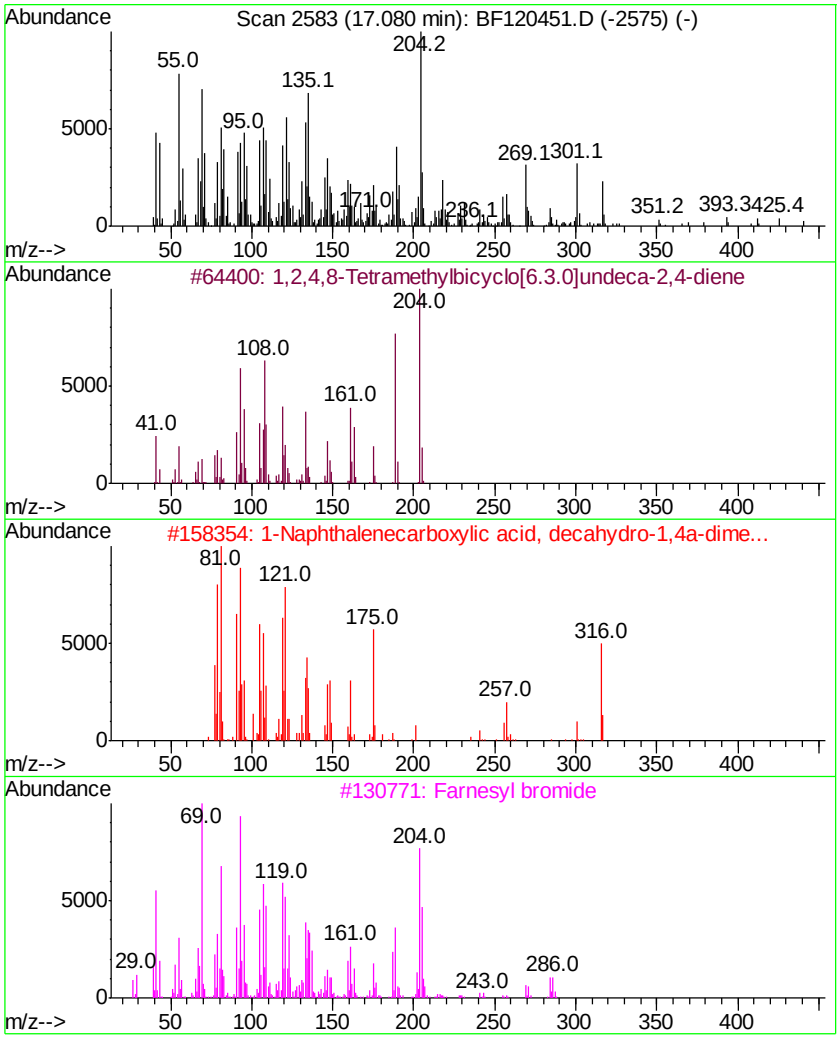
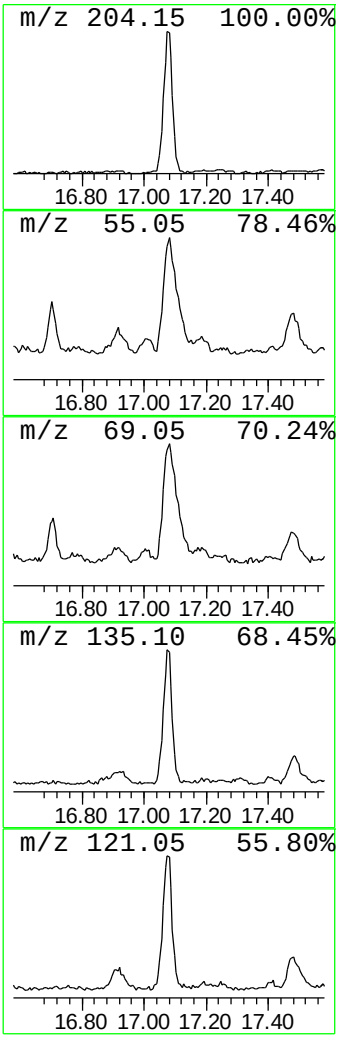
Peak Number 19 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	23.34 ng	1762940	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	58
2	1-Naphthalenecarboxylic acid, de...	316	C21H32O2	015798-13-7	53
3	Farnesyl bromide	284	C15H25Br	006874-67-5	53
4	Guaia-3,9-diene	204	C15H24	000489-83-8	49
5	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120451.D
Acq On : 29 May 2020 20:45
Operator : MA/SJ
Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM35-COMP-2020-0-6

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

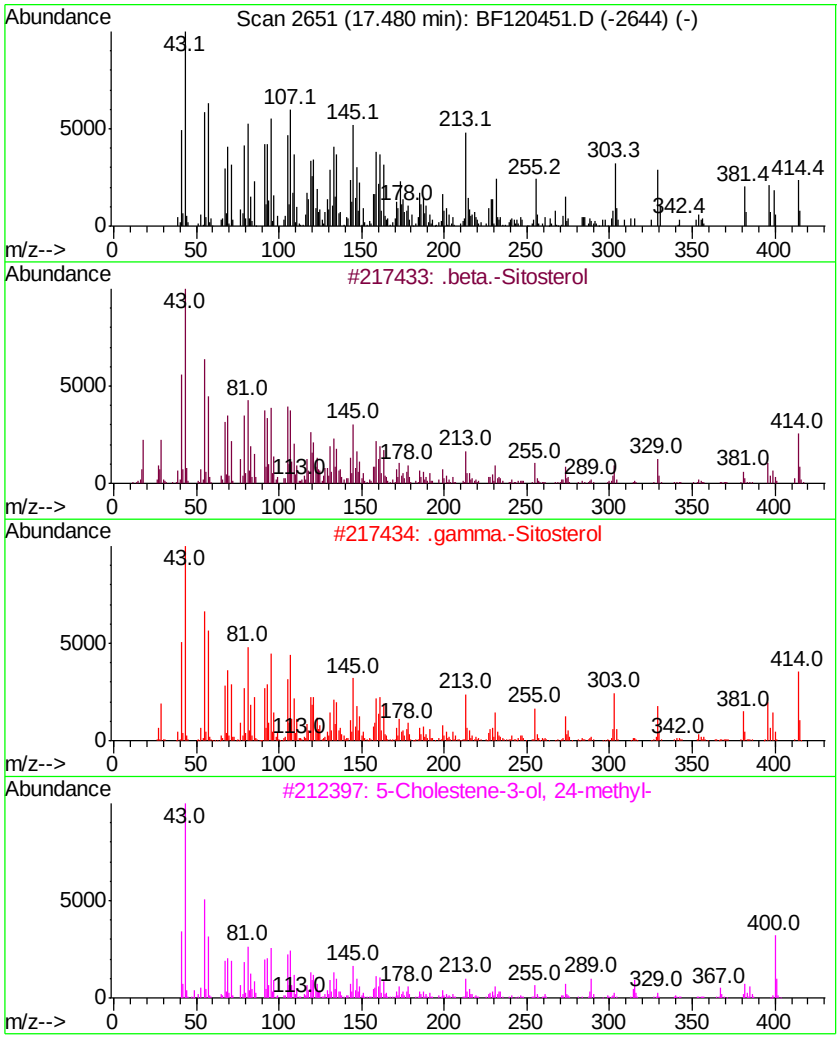
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

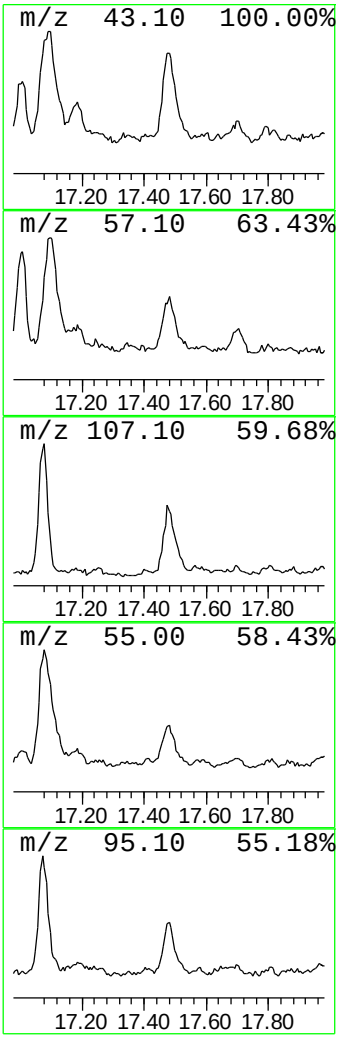
****

Peak Number 20 .beta.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	9.44 ng	713529	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	97
3	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	49
4	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	49
5	Campesterol	400	C28H48O	000474-62-4	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052920\
Data File : BF120451.D
Acq On : 29 May 2020 20:45
Operator : MA/SJ
Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM35-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	1.93	7.3	ng	629309	1	6.84	1715270	20.0
Methylene chloride	1.96	38.5	ng	3300050	1	6.84	1715270	20.0
Butane, 2-methoxy...	2.10	19.1	ng	1642120	1	6.84	1715270	20.0
Ethanol, 2-(2-eth...	6.66	6.9	ng	593823	1	6.84	1715270	20.0
2,4,7,9-Tetrameth...	9.32	16.2	ng	1812690	3	9.87	2232110	20.0
unknown10.46	10.46	7.4	ng	824100	3	9.87	2232110	20.0
n-Hexadecanoic acid	11.89	5.1	ng	524703	4	11.36	2055590	20.0
n-Heptadecanol-1	12.41	4.8	ng	495202	4	11.36	2055590	20.0
E-14-Hexadecenal	13.84	11.8	ng	1212530	5	13.99	2047870	20.0
1-Heptadecene	14.47	6.2	ng	629592	5	13.99	2047870	20.0
Oxirane, hexadecyl-	14.92	3.8	ng	282954	6	15.44	1510980	20.0
Nonadecane	15.11	5.9	ng	443267	6	15.44	1510980	20.0
n-Tetracosanol-1	15.13	7.6	ng	573253	6	15.44	1510980	20.0
Benzo[e]pyrene	15.32	3.2	ng	244381	6	15.44	1510980	20.0
Heptadecane	15.92	8.0	ng	607135	6	15.44	1510980	20.0
1-Heneicosanol	15.97	7.9	ng	600069	6	15.44	1510980	20.0
Bicyclo[10.8.0]ei...	16.70	4.5	ng	340746	6	15.44	1510980	20.0
1,2,4,8-Tetrameth...	17.08	23.3	ng	1762940	6	15.44	1510980	20.0
.beta.-Sitosterol	17.48	9.4	ng	713529	6	15.44	1510980	20.0