LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120243.D
Acq On : 30 Apr 2020 17:00
Operator : MA/SJ
Sample : L2445-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1511-B

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-BF040820.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	5.251	535	538	556	rBV	1339864	1359486	30.40%	5.788%
2	6.298	713	716	731	rVB	836961	863464	19.31%	3.676%
3	6.645	772	775	785	rVB	699065	558077	12.48%	2.376%
4	6.804	798	802	805	rBV	2525635	2027420	45.34%	8.631%
5	7.216	867	872	875	rBV	2198082	1933105	43.23%	8.229%
6	7.934	990	994	1003	rBV	910675	714834	15.99%	3.043%
7	9.016	1174	1178	1181	rBV	4185940	3560736	79.64%	15.158%
8	9.410	1242	1245	1249	rBV	264215	214892	4.81%	0.915%
9	9.686	1289	1292	1296	rBV	959508	841685	18.82%	3.583%
10	10.480	1423	1427	1431	rBV	2664937	2506869	56.07%	10.672%
11	11.174	1541	1545	1549	rBV	1102021	889954	19.90%	3.789%
12	11.722	1634	1638	1650	rBV	481910	513569	11.49%	2.186%
13	12.504	1768	1771	1779	rBV	159981	176158	3.94%	0.750%
14	12.768	1811	1816	1819	rBV	4453422	4471262	100.00%	19.035%
15	13.251	1896	1898	1903	rVB2	53872	50623	1.13%	0.216%
16	13.680	1968	1971	1982	rBV	361064	428719	9.59%	1.825%
17	13.815	1990	1994	1998	rBV	1048237	899191	20.11%	3.828%
18	14.598	2124	2127	2130	rVB	52817	53310	1.19%	0.227%
19	14.904	2177	2179	2183	rVB	57337	59049	1.32%	0.251%
20	15.221	2228	2233	2237	rBV	771742	888082	19.86%	3.781%
21	15.257	2237	2239	2247	rVB3	60851	85795	1.92%	0.365%
22	15.715	2315	2317	2323	rVB4	42583	61438	1.37%	0.262%
23	15.857	2338	2341	2349	rVB7	26940	52755	1.18%	0.225%
24	16.115	2381	2385	2387	rBV3	28510	44867	1.00%	0.191%
25	16.151	2387	2391	2400	rVB	98946	176902	3.96%	0.753%
26	16.251	2405	2408	2413	rVB5	34048	57788	1.29%	0.246%

Sum of corrected areas: 23490030

LSC Report - Integrated Chromatogram

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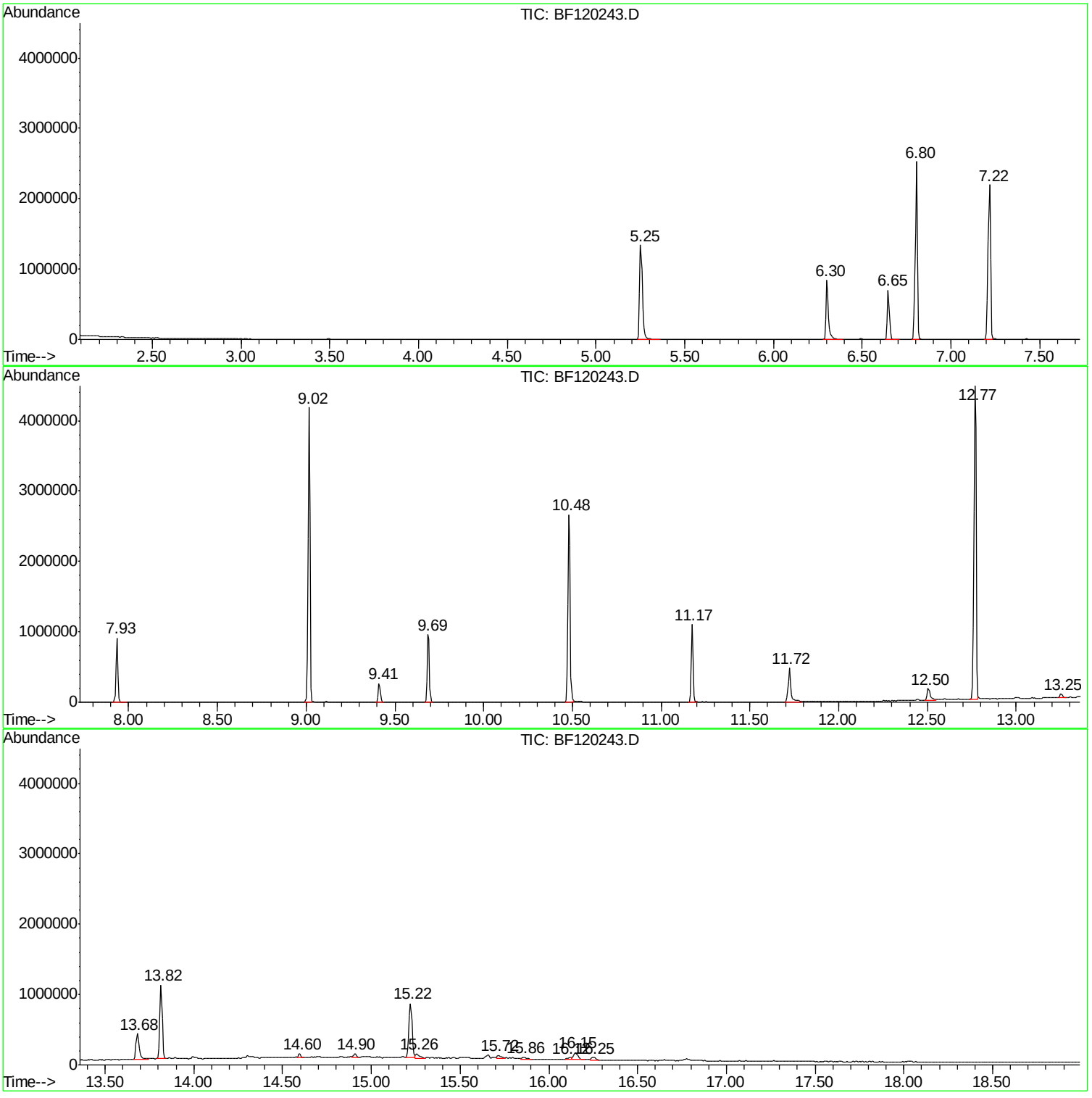
Instrument : BNA_F
ClientSampleId : B-1511-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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

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Instrument : BNA_F
ClientSampleId : B-1511-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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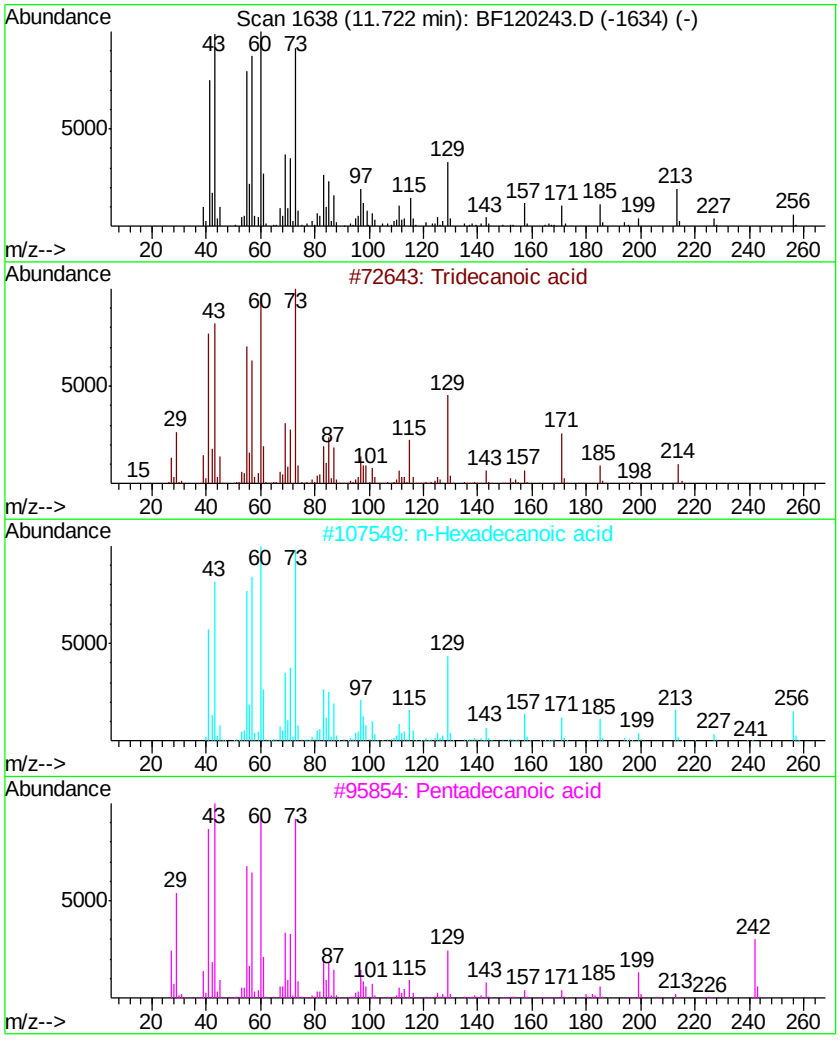
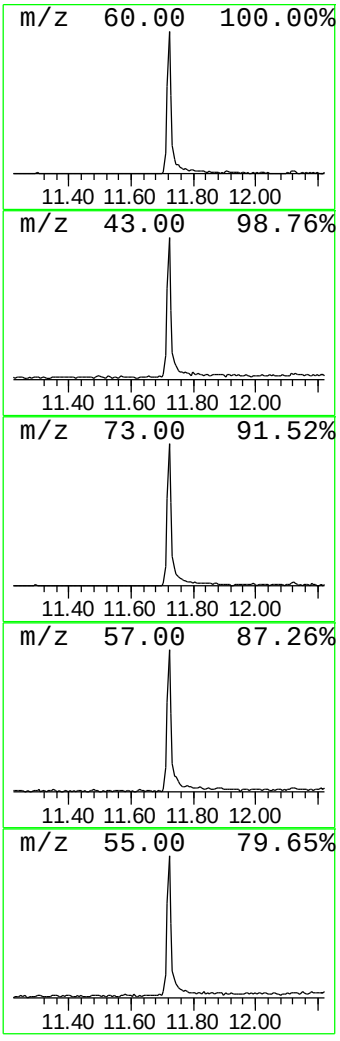
Peak Number 2 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	11.54 ng	513569	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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Operator : MA/SJ
Sample : L2445-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1511-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
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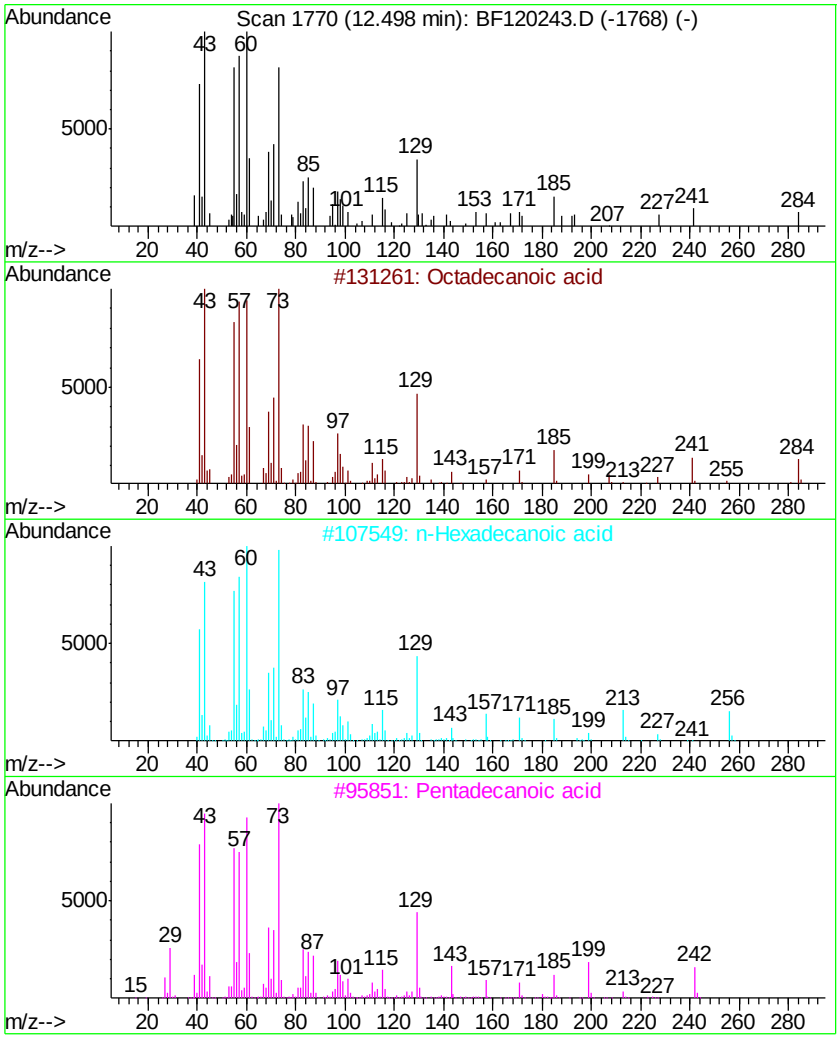
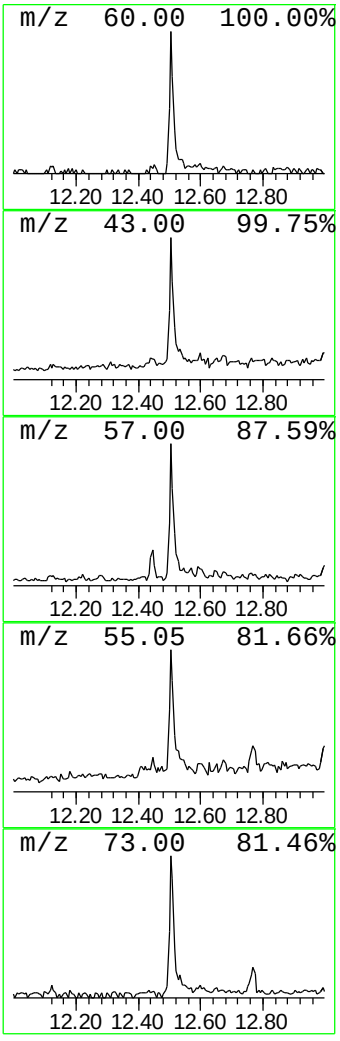
Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.92 ng	176158	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	92
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	60





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : B-1511-B

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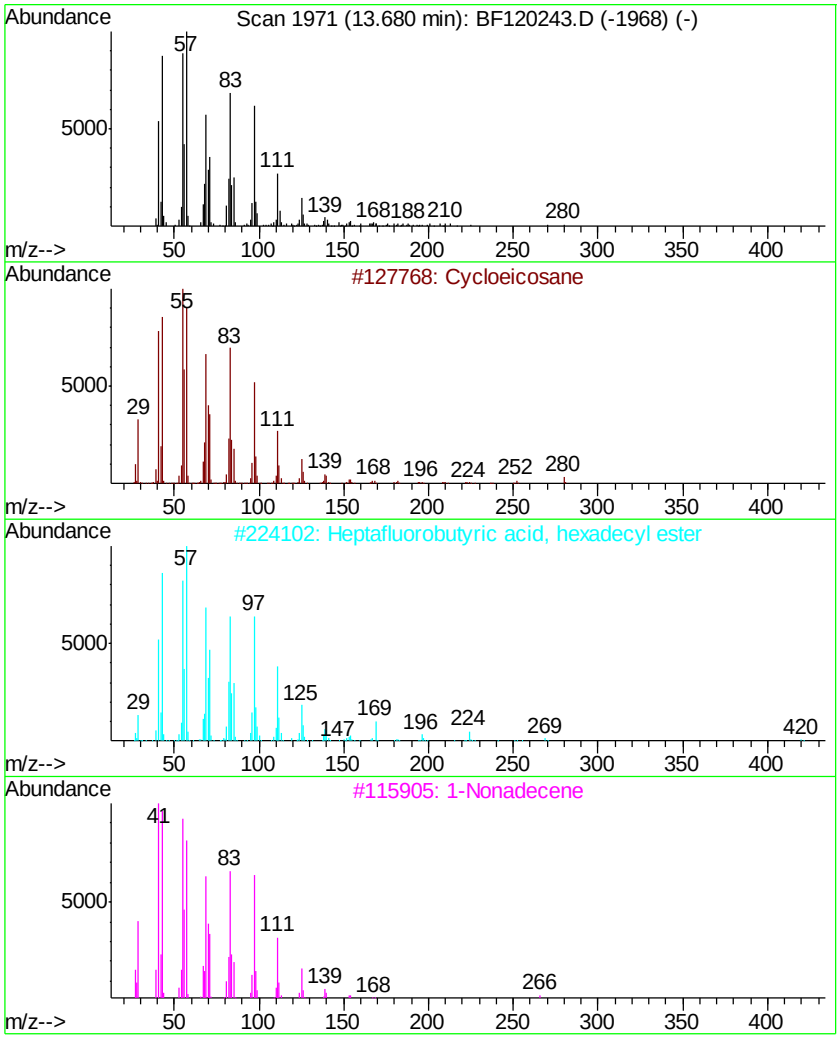
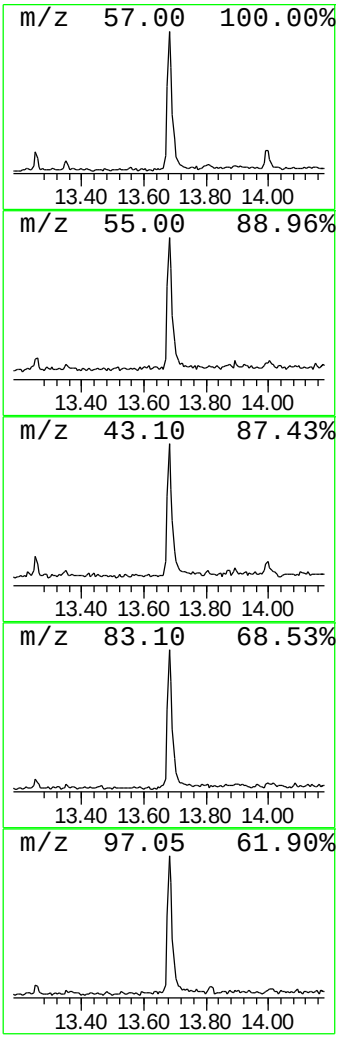
Peak Number 4 Cycloeicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	9.54 ng	428719	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91





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Instrument : BNA_F
ClientSampleId : B-1511-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
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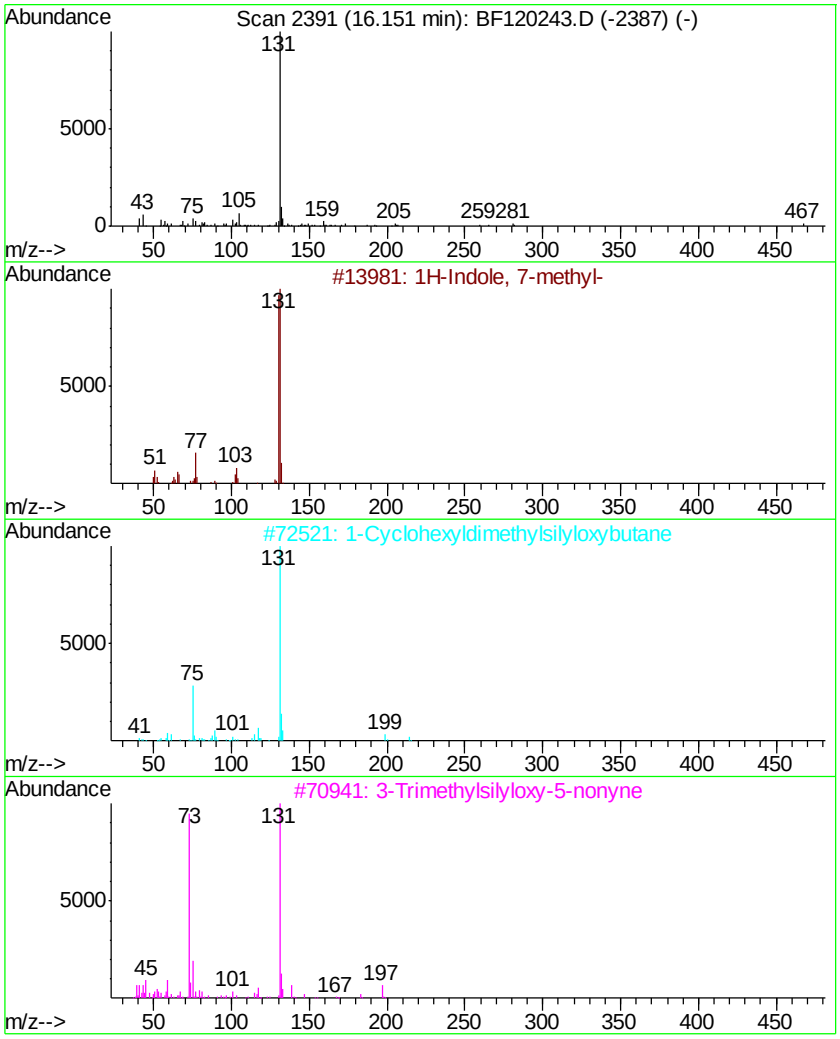
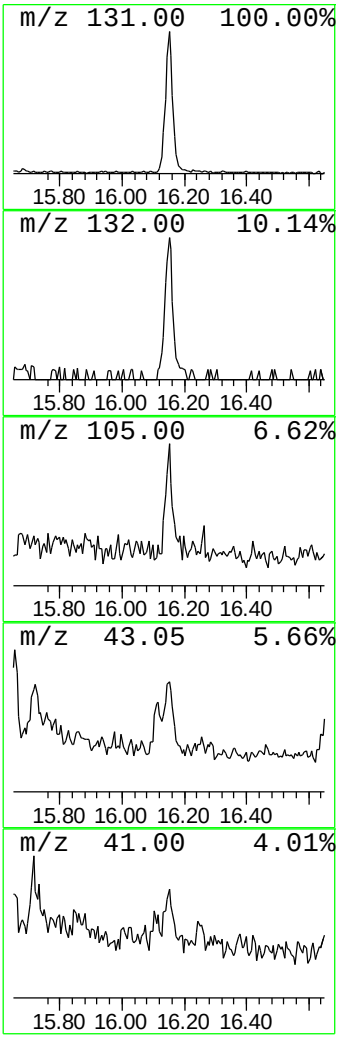
Peak Number 5 unknown16.15 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	3.98 ng	176902	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 7-methyl-	131	C9H9N	000933-67-5	45
2	1-Cyclohexyldimethylsilyloxybutane	214	C12H26OSi	1000281-95-6	40
3	3-Trimethylsilyloxy-5-nonyne	212	C12H24OSi	1000245-72-4	40
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	220	C10H24O3Si	1000364-20-4	39
5	Silane, ethoxytriethyl-	160	C8H20OSi	000597-67-1	39





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecanoic acid	11.72	11.5	ng	513569	4	11.17	889954	20.0
Octadecanoic acid	12.50	3.9	ng	176158	5	13.82	899191	20.0
Cycloeicosane	13.68	9.5	ng	428719	5	13.82	899191	20.0
unknown16.15	16.15	4.0	ng	176902	6	15.22	888082	20.0