LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121575.D
Acq On : 15 Sep 2020 13:56
Operator : JU/CG
Sample : L3943-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 357

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-BF091020.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	2.128	3	7	22	rVB	1424023	1799721	30.42%	4.249%
2	5.057	501	505	514	rVB	89386	113758	1.92%	0.269%
3	5.463	569	574	577	rBV	3975881	3886232	65.69%	9.176%
4	6.469	740	745	761	rBV	3818801	4124351	69.71%	9.738%
5	6.663	775	778	789	rBV	173415	181226	3.06%	0.428%
6	6.828	803	806	810	rBV	1472792	1343553	22.71%	3.172%
7	7.392	897	902	905	rBV	2858199	2846671	48.12%	6.721%
8	8.116	1020	1025	1028	rBV	1863835	1759754	29.74%	4.155%
9	9.192	1202	1208	1211	rBV	4867822	4980458	84.18%	11.760%
10	9.580	1269	1274	1286	rBV	922608	744314	12.58%	1.757%
11	9.869	1318	1323	1326	rBV	2261948	2081550	35.18%	4.915%
12	10.657	1451	1457	1460	rBV	3410747	3259393	55.09%	7.696%
13	11.351	1570	1575	1578	rBV	2580340	2217666	37.48%	5.236%
14	11.880	1661	1665	1678	rBV	986917	1014854	17.15%	2.396%
15	12.663	1794	1798	1812	rBV	404870	469872	7.94%	1.109%
16	12.939	1839	1845	1848	rBV	5974061	5916359	100.00%	13.969%
17	13.163	1879	1883	1889	rVB4	42319	64534	1.09%	0.152%
18	13.833	1994	1997	2008	rBV	641786	959737	16.22%	2.266%
19	13.986	2017	2023	2026	rBV	2337391	2197564	37.14%	5.189%
20	14.157	2049	2052	2055	rBV	47864	62635	1.06%	0.148%
21	14.457	2098	2103	2105	rBV2	110866	141689	2.39%	0.335%
22	15.098	2209	2212	2217	rVB	100203	114629	1.94%	0.271%
23	15.439	2265	2270	2274	rBV	1240459	1600806	27.06%	3.780%
24	15.903	2345	2349	2354	rBV	104734	147937	2.50%	0.349%
25	15.974	2356	2361	2367	rBV4	64673	155373	2.63%	0.367%
26	16.439	2437	2440	2445	rVB	61248	97930	1.66%	0.231%
27	16.986	2530	2533	2540	rVB2	43862	69961	1.18%	0.165%

Sum of corrected areas: 42352527

LSC Report - Integrated Chromatogram

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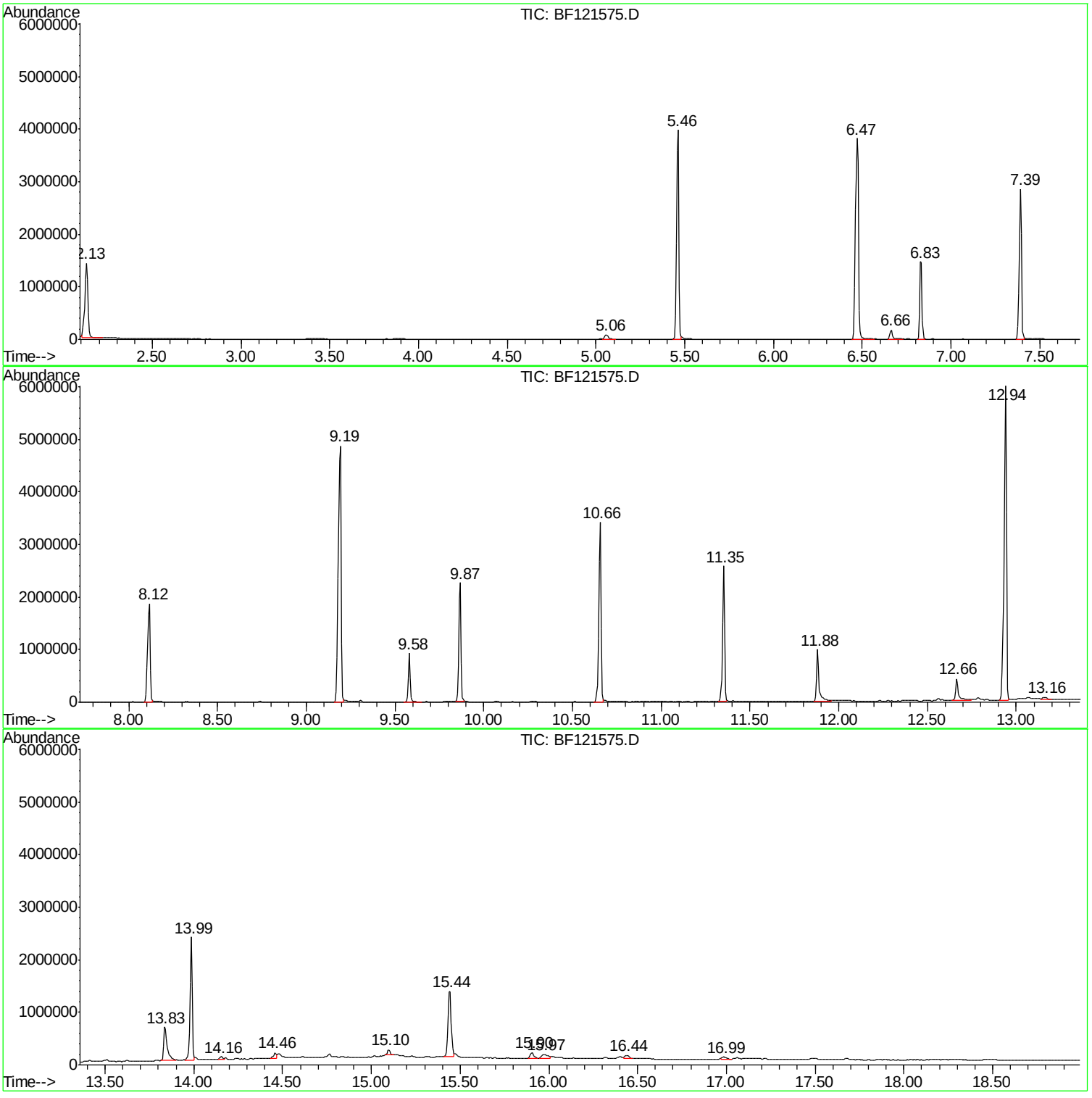
Instrument : BNA_F
ClientSampleId : 357

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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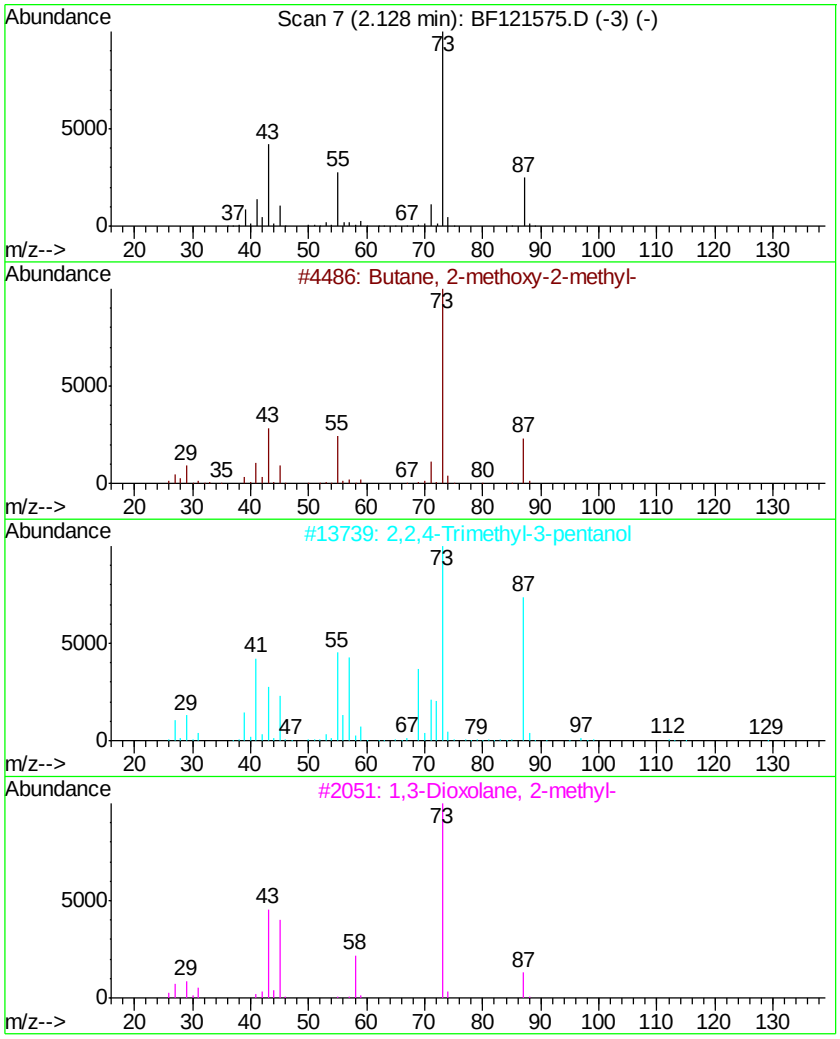
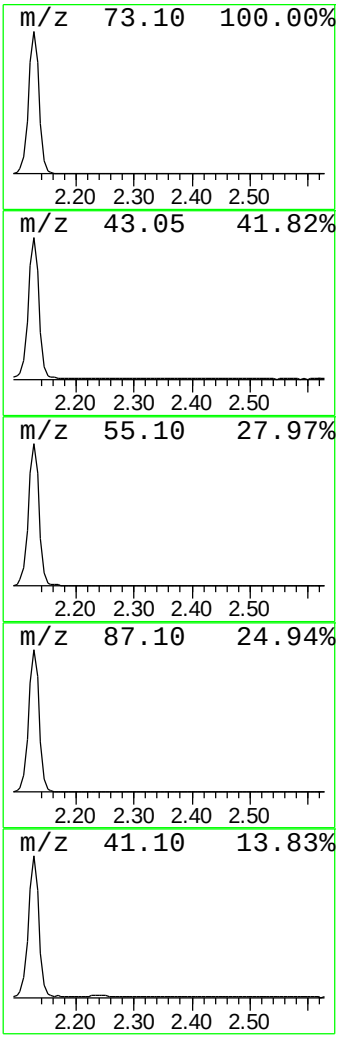
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	26.79 ng	1799720	1,4-Dichlorobenzene-d4	6.83

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	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





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Instrument : BNA_F
ClientSampleId : 357

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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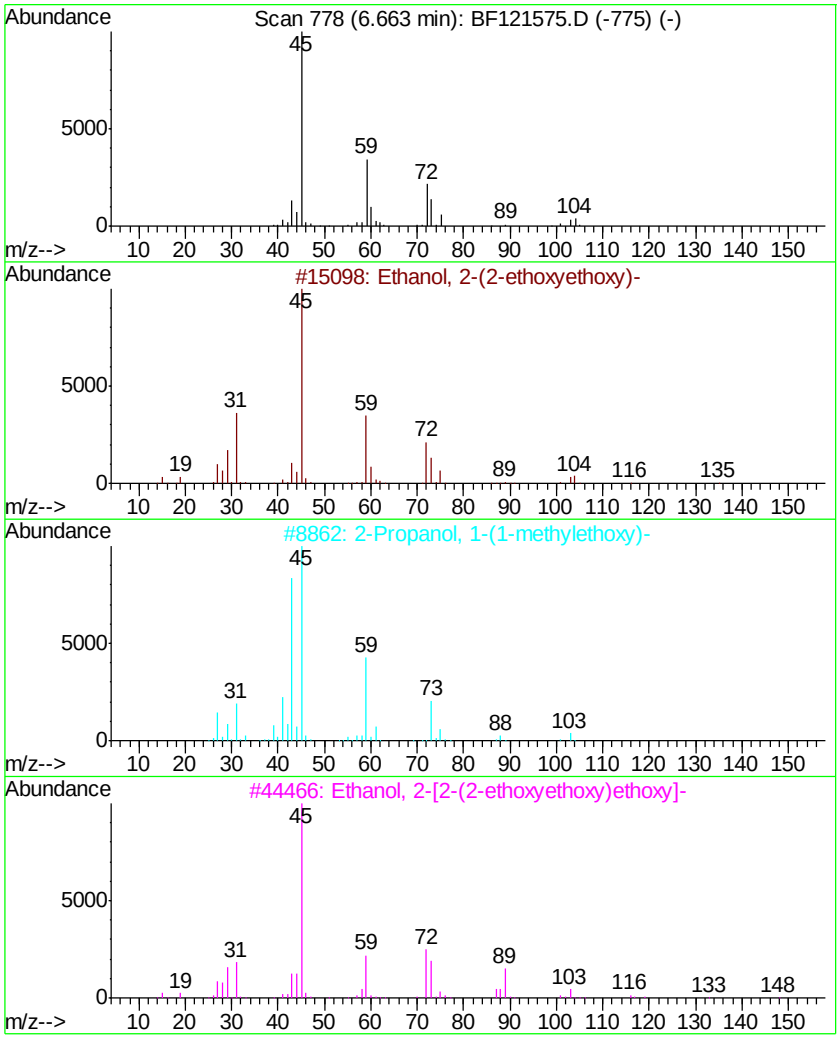
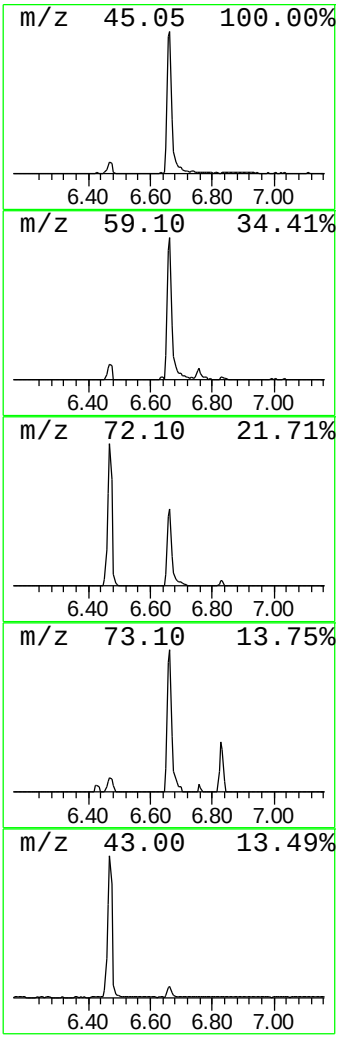
Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	2.70 ng	181226	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
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'-oxybis-	106	C4H10O3	000111-46-6	37
5	.beta.-Methoxyethoxymethyl chloride	124	C4H9ClO2	003970-21-6	36





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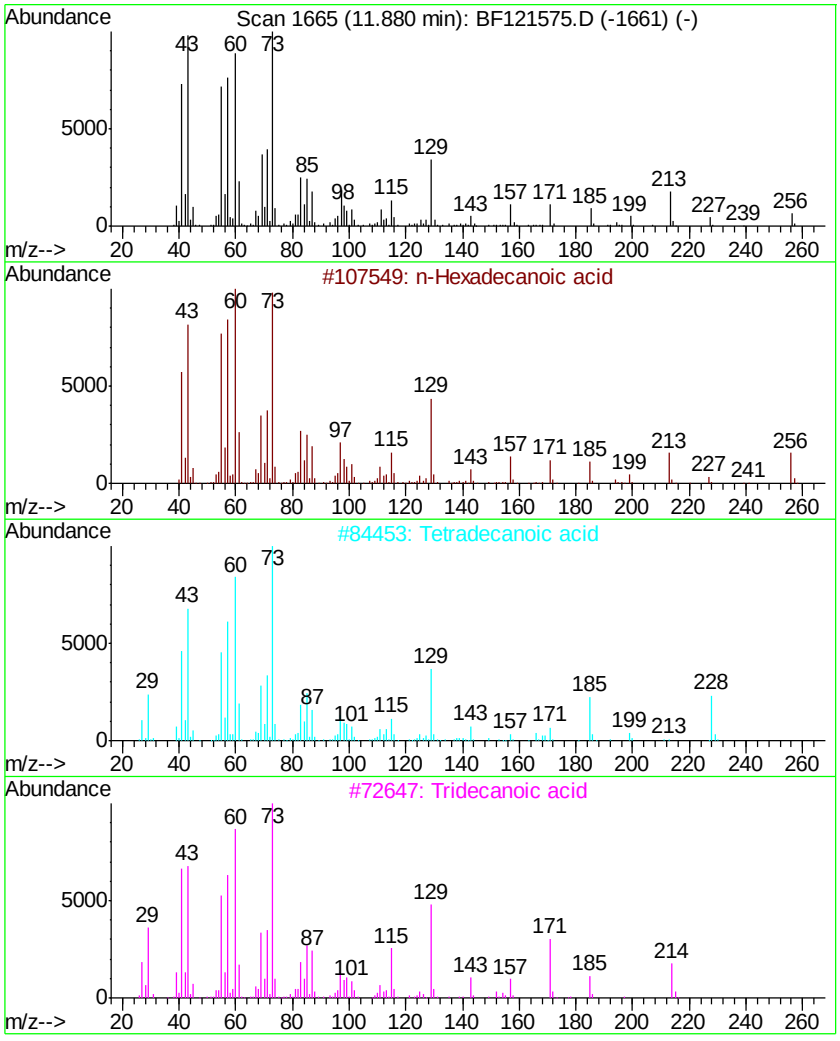
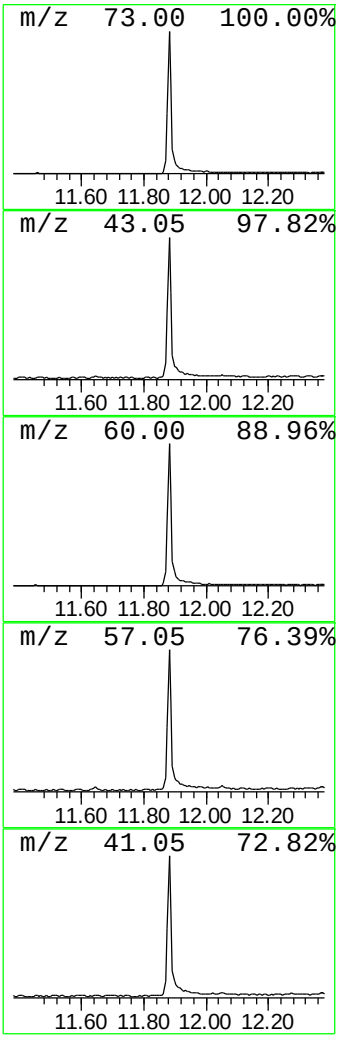
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	9.15 ng	1014850	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Isoamyl nitrite	117	C5H11NO2	000110-46-3	38





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Instrument : BNA_F
ClientSampleId : 357

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

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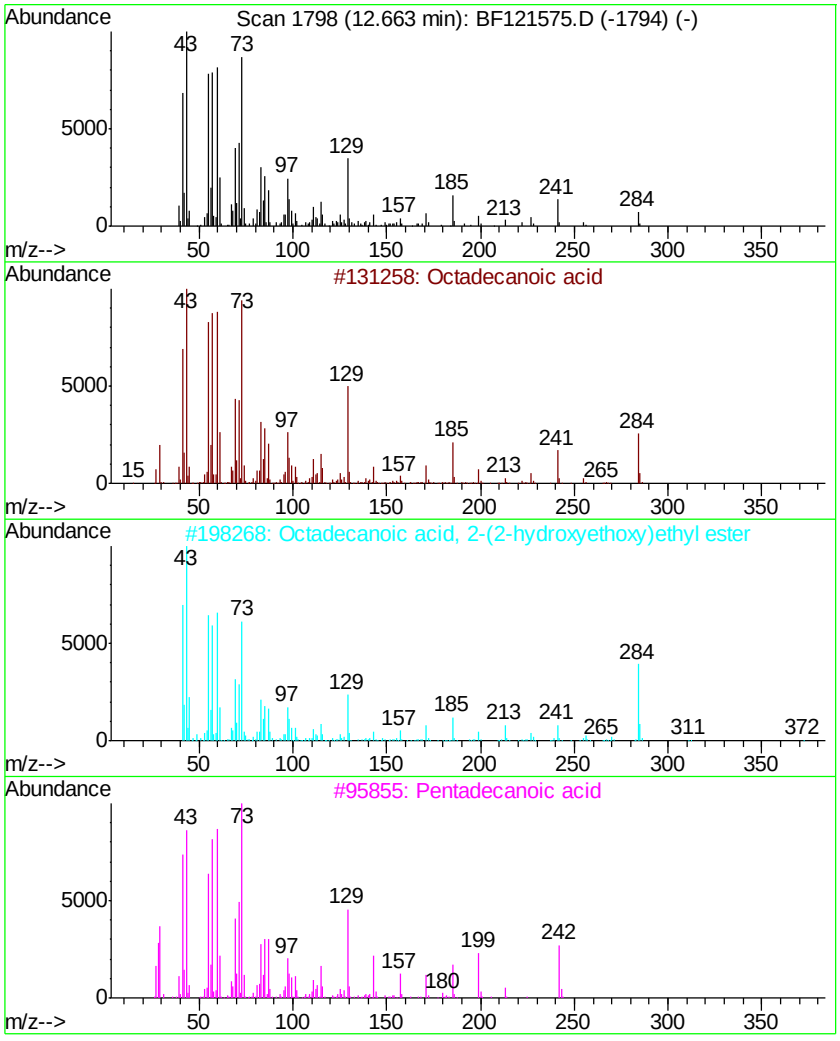
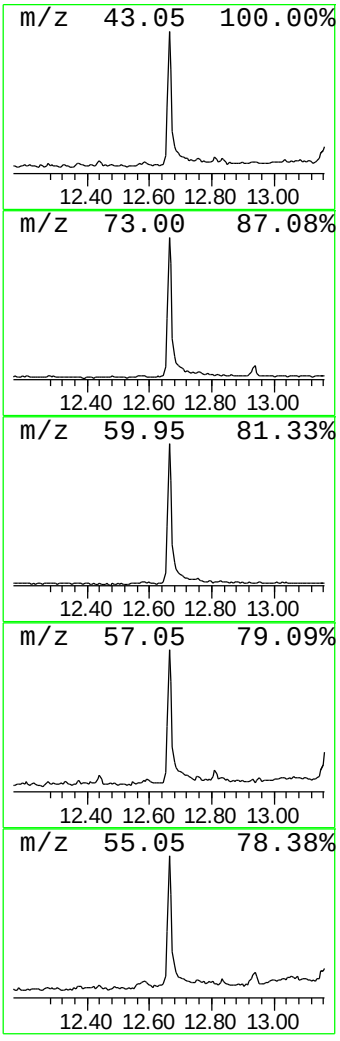
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	4.24 ng	469872	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Sample : L3943-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 357

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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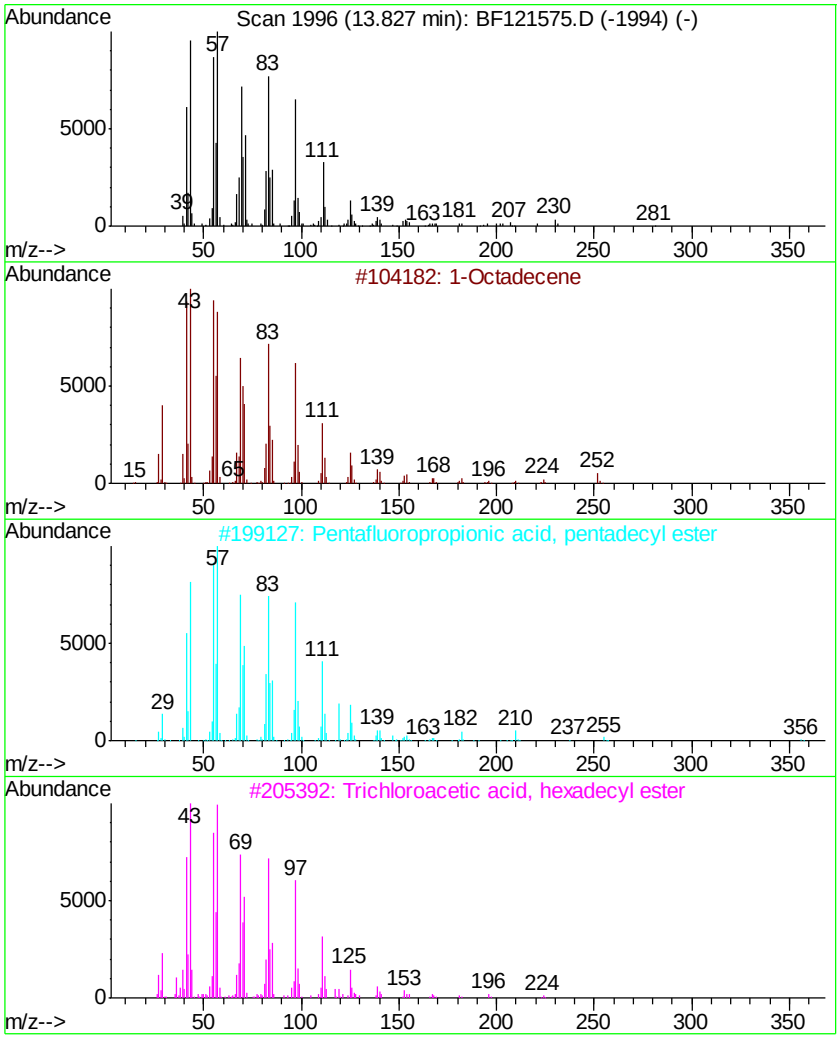
TIC Integration Parameters: LSCINT.P

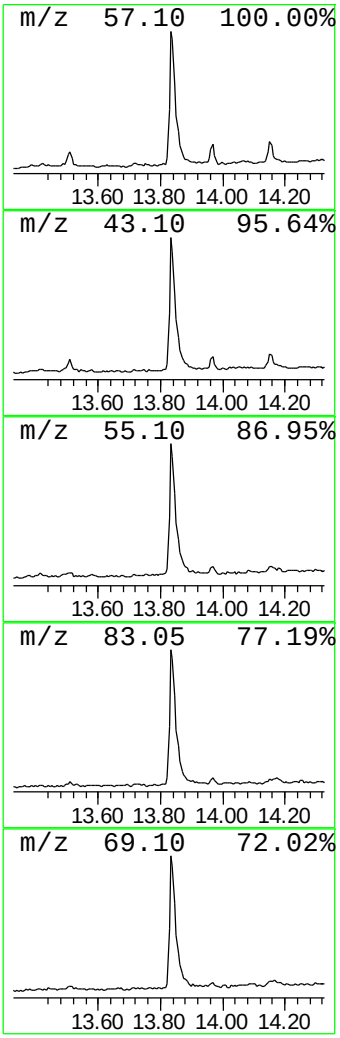
****

Peak Number 5 1-Octadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	8.73 ng	959737	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.13	26.8	ng	1799720	1	6.83	1343550	20.0
Ethanol, 2-(2-eth...	6.66	2.7	ng	181226	1	6.83	1343550	20.0
n-Hexadecanoic acid	11.88	9.2	ng	1014850	4	11.35	2217670	20.0
Octadecanoic acid	12.66	4.2	ng	469872	4	11.35	2217670	20.0
1-Octadecene	13.83	8.7	ng	959737	5	13.99	2197560	20.0