LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113964.D
Acq On : 24 Apr 2019 16:29
Operator : JU/SJ
Sample : K2487-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GMW-7

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-BF042219.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	2.199	14	19	25	rVB	138007	191990	4.68%	0.704%
2	5.110	507	514	521	rBV	36690	45898	1.12%	0.168%
3	5.516	579	583	600	rBV	1729680	1614643	39.32%	5.924%
4	6.516	749	753	764	rBV	1293940	1105654	26.93%	4.056%
5	6.663	774	778	782	rBV	2874769	2723291	66.32%	9.991%
6	6.892	814	817	821	rBV	867194	710971	17.31%	2.608%
7	7.051	840	844	848	rBV	2801811	2569249	62.57%	9.426%
8	7.451	907	912	915	rBV	1993037	2019203	49.18%	7.408%
9	8.175	1031	1035	1039	rBV	1018176	848142	20.66%	3.112%
10	9.098	1187	1192	1199	rBV4	29930	48849	1.19%	0.179%
11	9.251	1213	1218	1221	rBV	4417012	4013785	97.75%	14.726%
12	9.639	1280	1284	1288	rBV	88283	79926	1.95%	0.293%
13	9.928	1329	1333	1345	rVB2	1116197	1051704	25.61%	3.859%
14	10.716	1463	1467	1482	rBV	2418680	2457018	59.84%	9.014%
15	11.416	1582	1586	1593	rBV	1061728	1047379	25.51%	3.843%
16	11.939	1671	1675	1691	rBV	222479	245862	5.99%	0.902%
17	12.721	1805	1808	1822	rBV	265439	313022	7.62%	1.148%
18	12.998	1850	1855	1858	rBV	4399785	4106142	100.00%	15.065%
19	14.051	2029	2034	2041	rBV	967187	948326	23.10%	3.479%
20	15.527	2279	2285	2289	rBV	750350	1004941	24.47%	3.687%
21	16.004	2362	2366	2372	rBV2	38777	58482	1.42%	0.215%
22	16.521	2448	2454	2461	rVB	29883	52119	1.27%	0.191%

Sum of corrected areas: 27256596

LSC Report - Integrated Chromatogram

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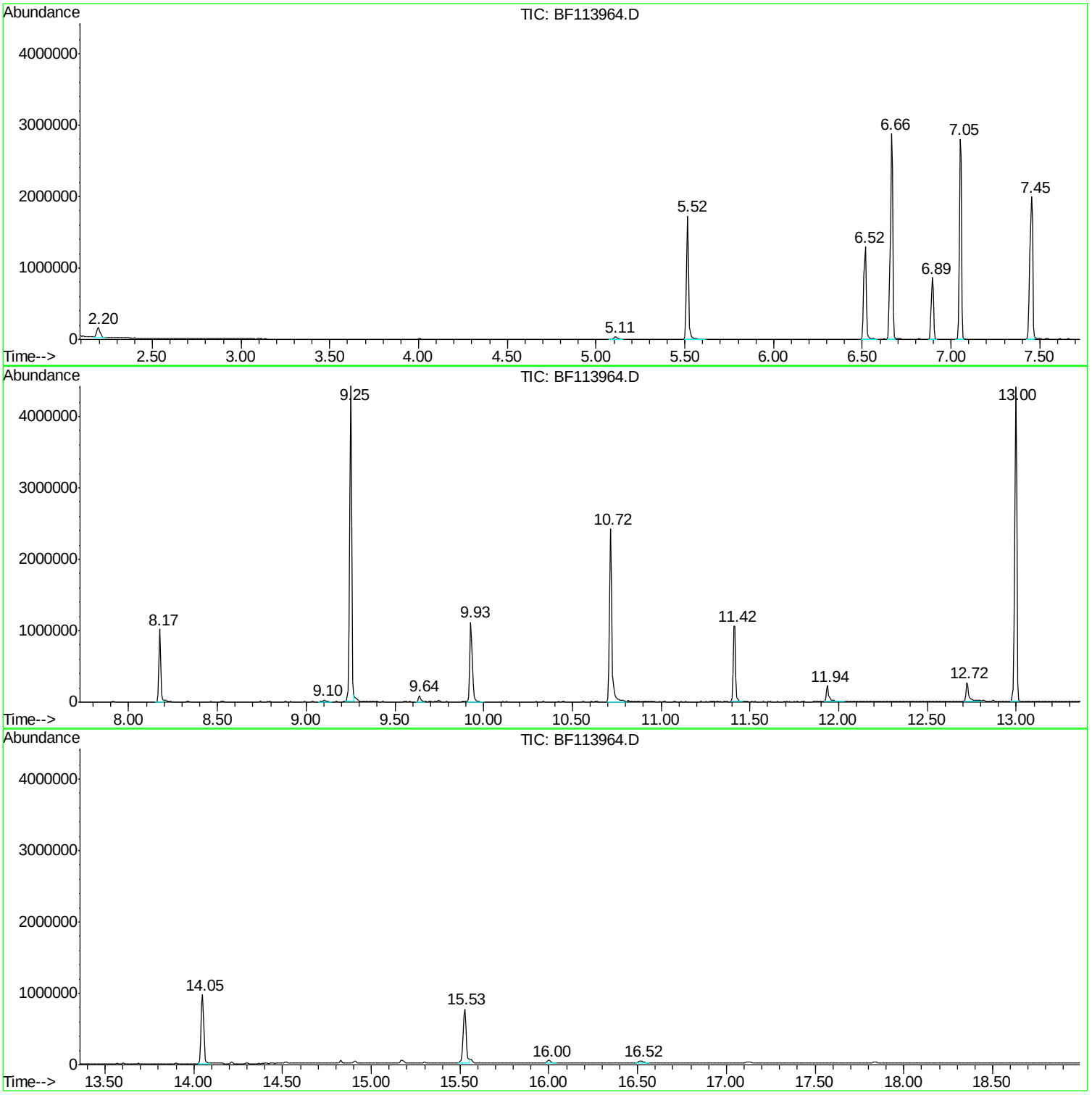
ClientSampleId : GMW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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Data File : BF113964.D
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Operator : JU/SJ
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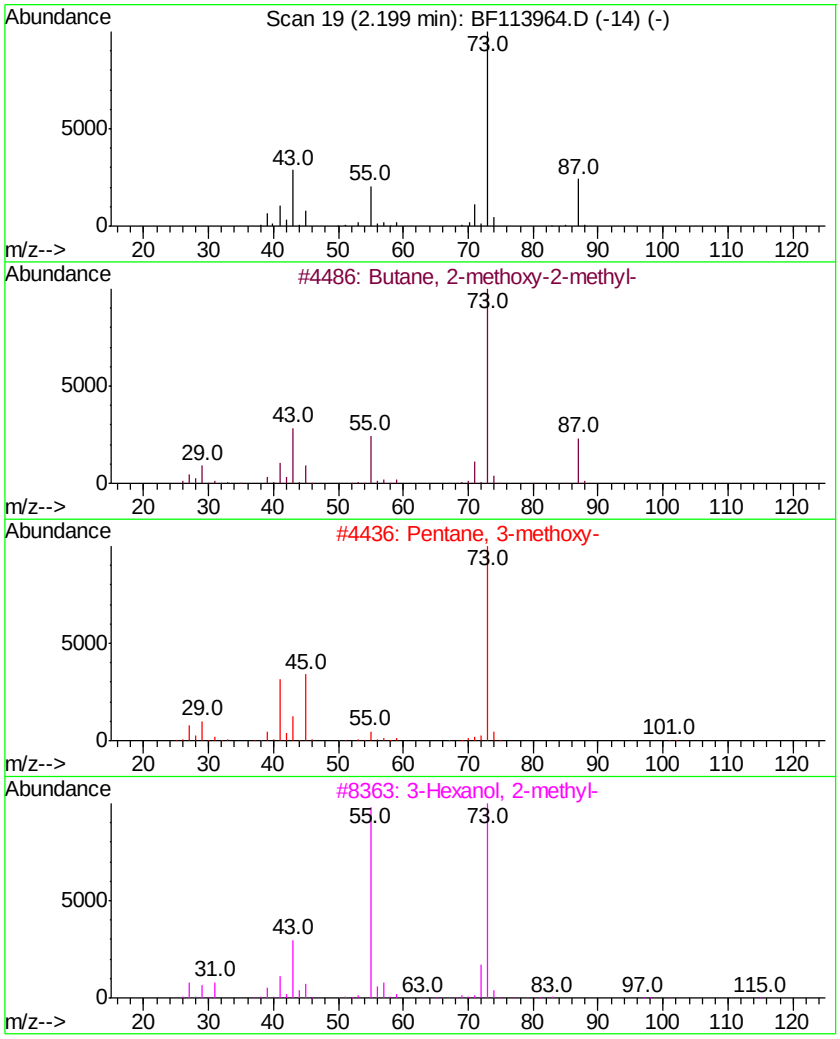
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

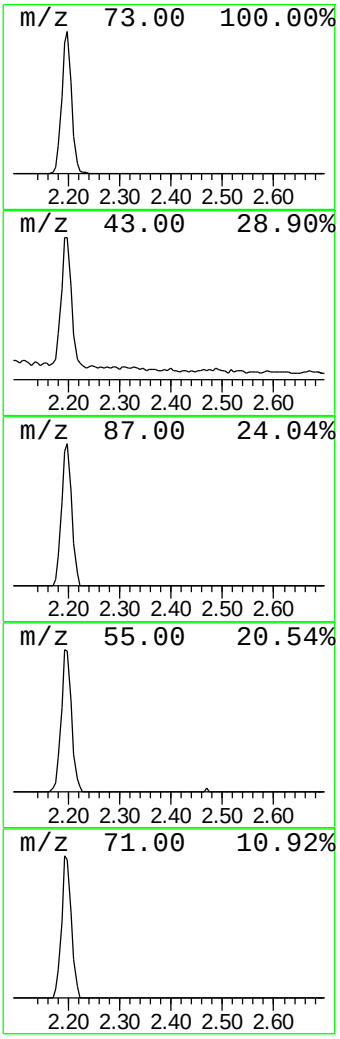
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	5.40 ng	191990	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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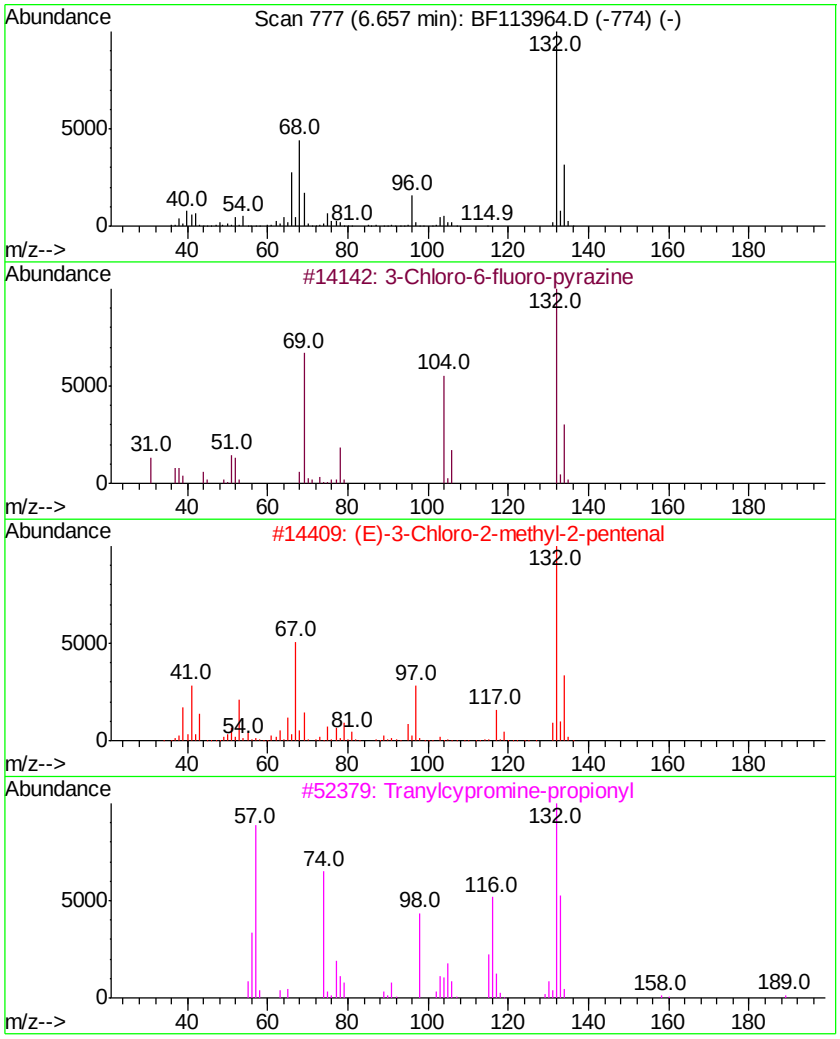
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

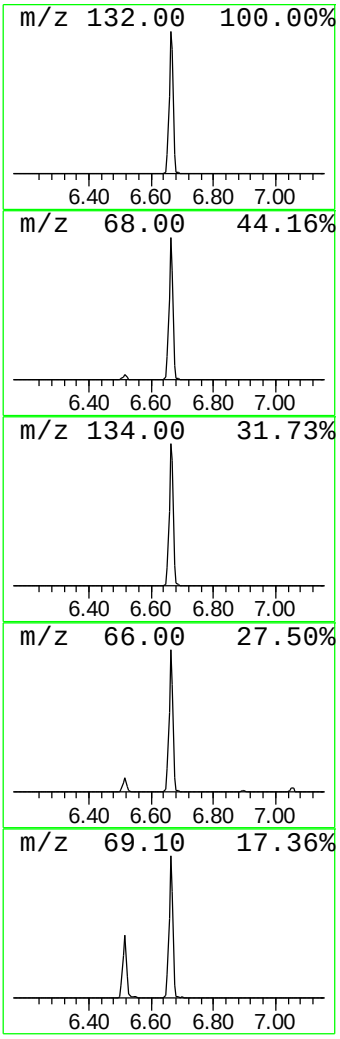
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	76.61 ng	2723290	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





Library Search Compound Report

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Operator : JU/SJ
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GMW-7

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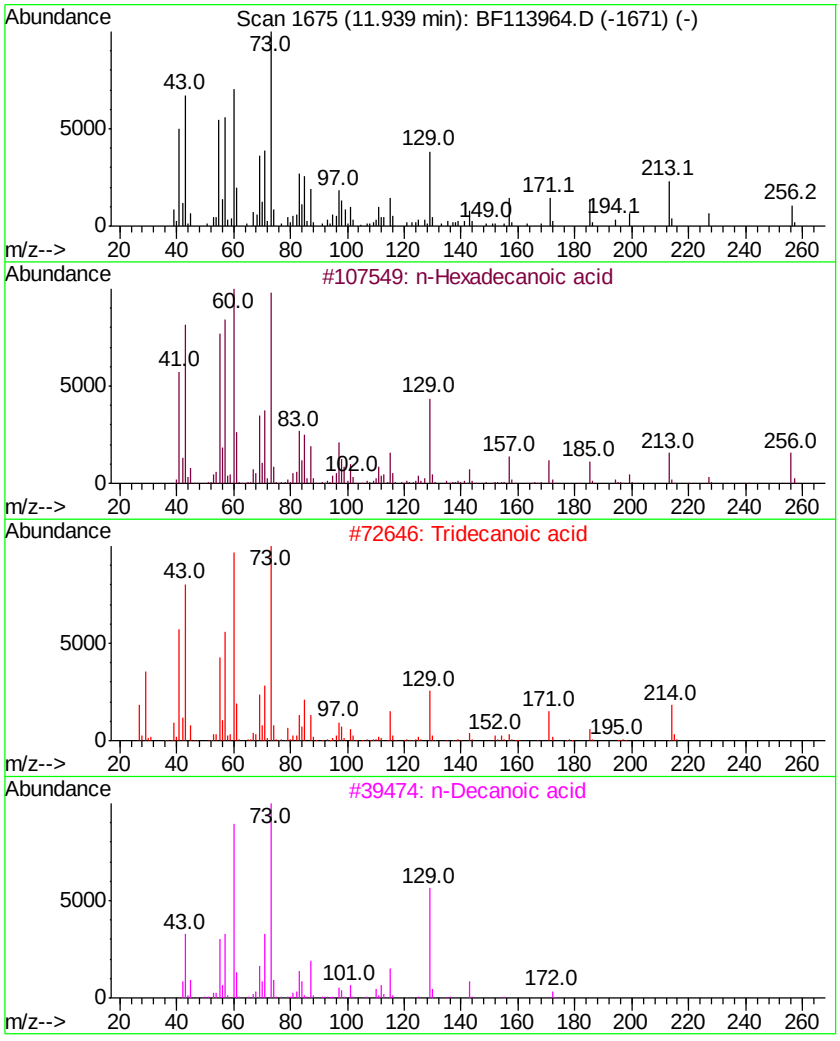
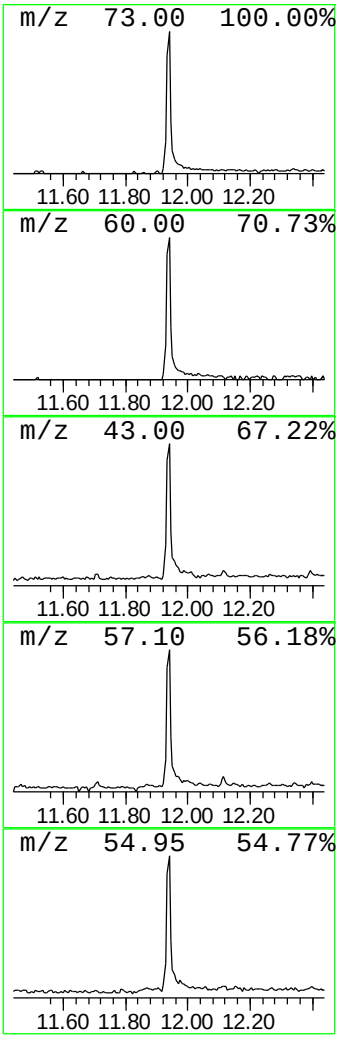
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.69 ng	245862	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	25





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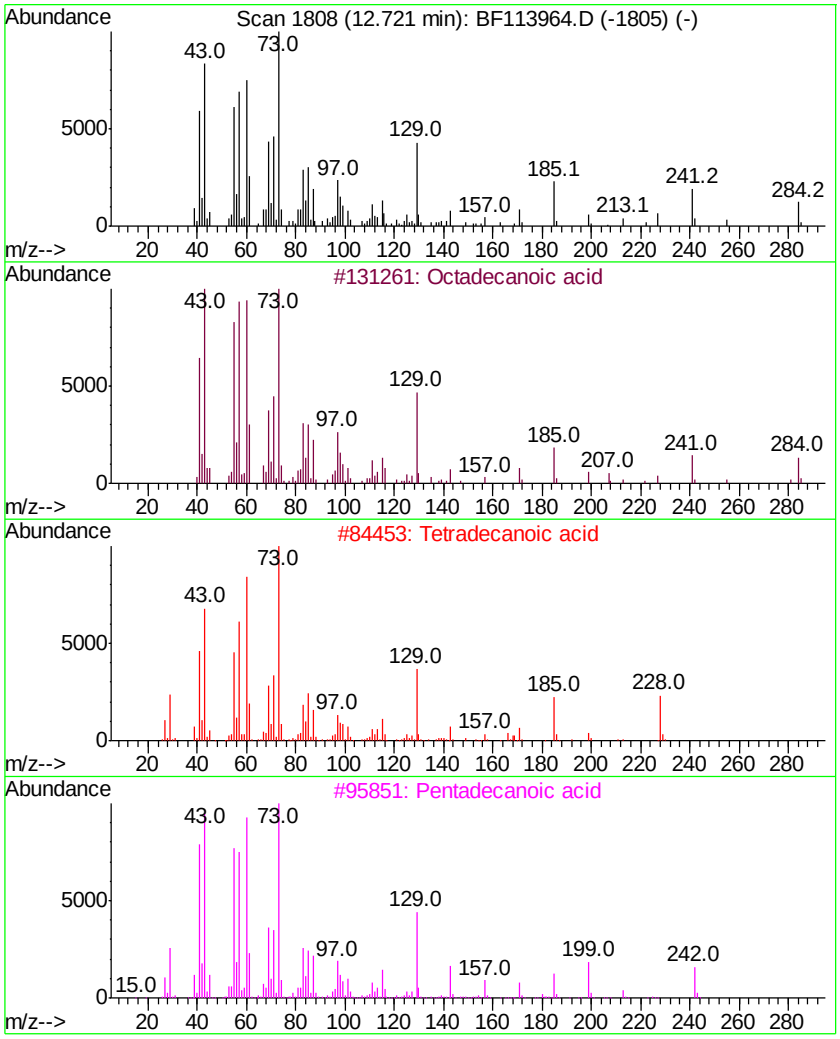
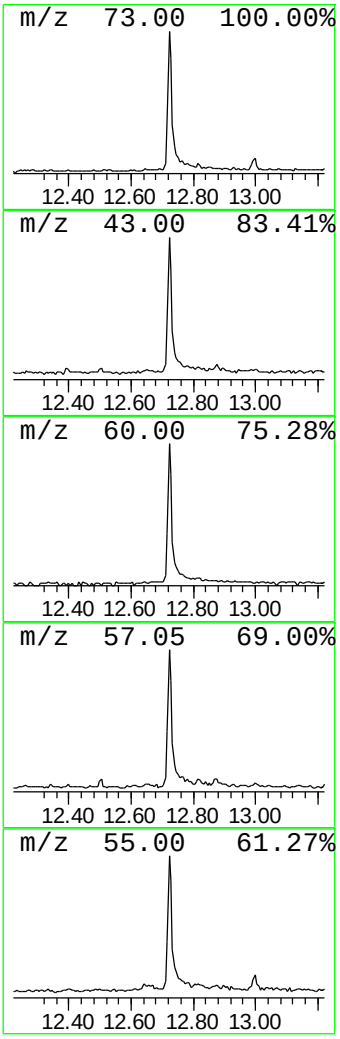
****

Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	5.98 ng	313022	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.20	5.4	ng	191990	1	6.89	710971	20.0
unknown6.66	6.66	76.6	ng	2723290	1	6.89	710971	20.0
n-Hexadecanoic acid	11.94	4.7	ng	245862	4	11.42	1047380	20.0
Octadecanoic acid	12.72	6.0	ng	313022	4	11.42	1047380	20.0