LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045369.D
Acq On : 13 May 2020 19:54
Operator : CG/JU
Sample : L2594-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-GF-02-056-A

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_G\METHODS\8270-BG041520.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	3.136	4	8	18	rVB	59524	100782	3.10%	0.422%
2	5.550	411	419	428	rBV	852633	1485924	45.75%	6.221%
3	7.148	682	691	703	rBV	971806	1721032	52.99%	7.205%
4	7.976	822	832	840	rBV2	292260	509141	15.68%	2.132%
5	8.299	876	887	894	rBV	835002	1487938	45.81%	6.229%
6	9.133	1020	1029	1039	rBV	623366	1158374	35.66%	4.850%
7	10.784	1301	1310	1324	rBV	395159	748036	23.03%	3.132%
8	13.240	1719	1728	1742	rBV	1824377	2913405	89.70%	12.197%
9	14.062	1861	1868	1875	rBV	171477	283737	8.74%	1.188%
10	14.620	1956	1963	1971	rBV	629723	1022030	31.47%	4.279%
11	15.672	2136	2142	2147	rBV2	18151	32649	1.01%	0.137%
12	16.106	2209	2216	2226	rBV	1322388	2143571	66.00%	8.974%
13	16.335	2251	2255	2259	rBV6	29192	49596	1.53%	0.208%
14	17.134	2381	2391	2393	rBV10	20027	52405	1.61%	0.219%
15	17.187	2396	2400	2409	rVB8	29412	59426	1.83%	0.249%
16	17.363	2424	2430	2435	rBV	690446	1111866	34.23%	4.655%
17	17.405	2435	2437	2443	rVB	167805	223785	6.89%	0.937%
18	17.499	2449	2453	2459	rVB	47045	75472	2.32%	0.316%
19	18.262	2576	2583	2586	rBV3	71907	142700	4.39%	0.597%
20	18.292	2586	2588	2594	rVB	46957	58756	1.81%	0.246%
21	18.438	2610	2613	2617	rBV2	44810	55638	1.71%	0.233%
22	18.738	2661	2664	2668	rBV4	28225	35513	1.09%	0.149%
23	18.785	2668	2672	2679	rVB9	23578	42977	1.32%	0.180%
24	19.419	2775	2780	2787	rBV	523513	745077	22.94%	3.119%
25	19.778	2837	2841	2850	rVB	471781	749013	23.06%	3.136%
26	19.983	2870	2876	2881	rBV	2465013	3247993	100.00%	13.598%
27	21.282	3094	3097	3106	rVB3	300862	510293	15.71%	2.136%
28	21.628	3149	3156	3161	rBV2	674260	1481133	45.60%	6.201%
29	21.675	3161	3164	3173	rVB	251809	397601	12.24%	1.665%
30	24.800	3690	3696	3715	rVB3	331761	1239652	38.17%	5.190%

Sum of corrected areas: 23885515

LSC Report - Integrated Chromatogram

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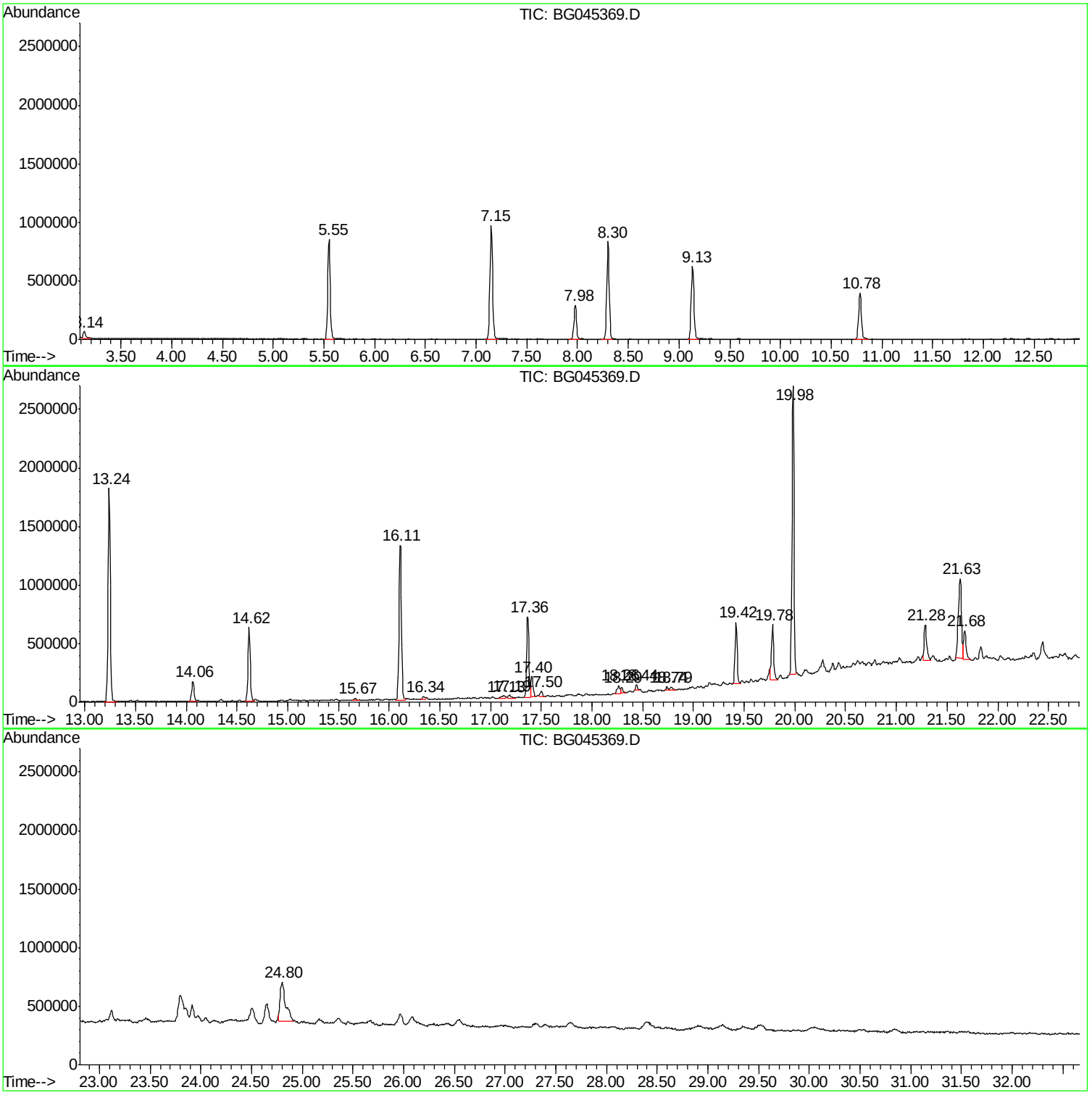
Sample : L2594-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-GF-02-056-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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 G\DATA\BG051220\
Data File : BG045369.D
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Instrument : BNA_G
ClientSampleId : FK-GF-02-056-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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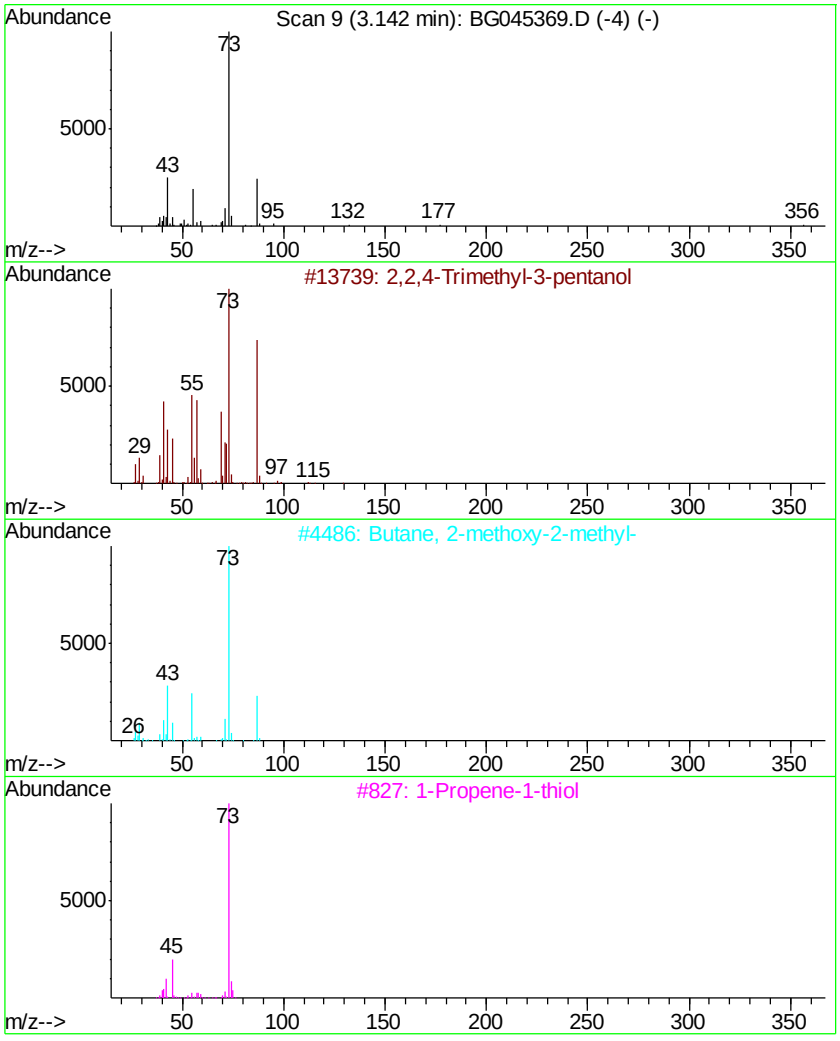
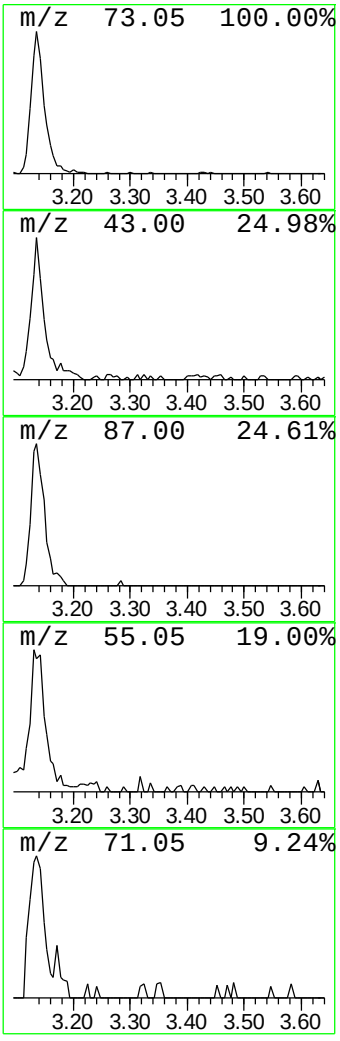
Peak Number 1 2,2,4-Trimethyl-3-pentanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	3.96 ng	100782	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
3	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
4	Myo-Inositol, 4-C-methyl-	194	C7H14O6	000472-95-7	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Sample : L2594-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-GF-02-056-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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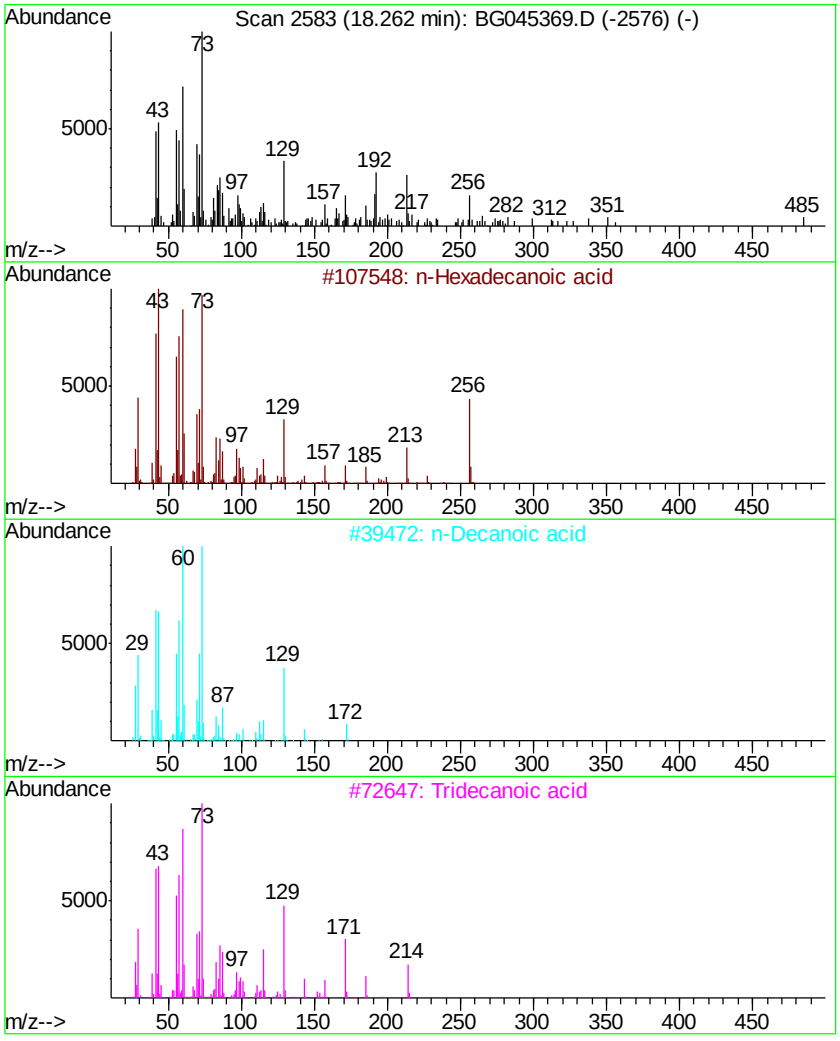
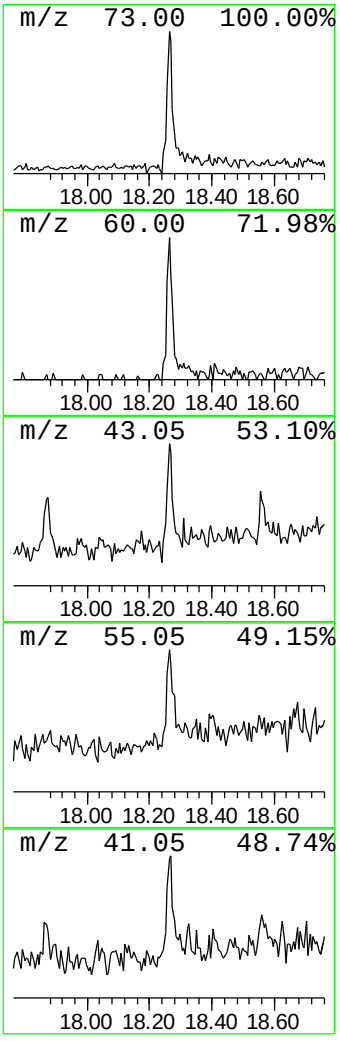
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.57 ng	142700	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Eicosanoic acid	312	C20H40O2	000506-30-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





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Misc :
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Instrument : BNA_G
ClientSampleId : FK-GF-02-056-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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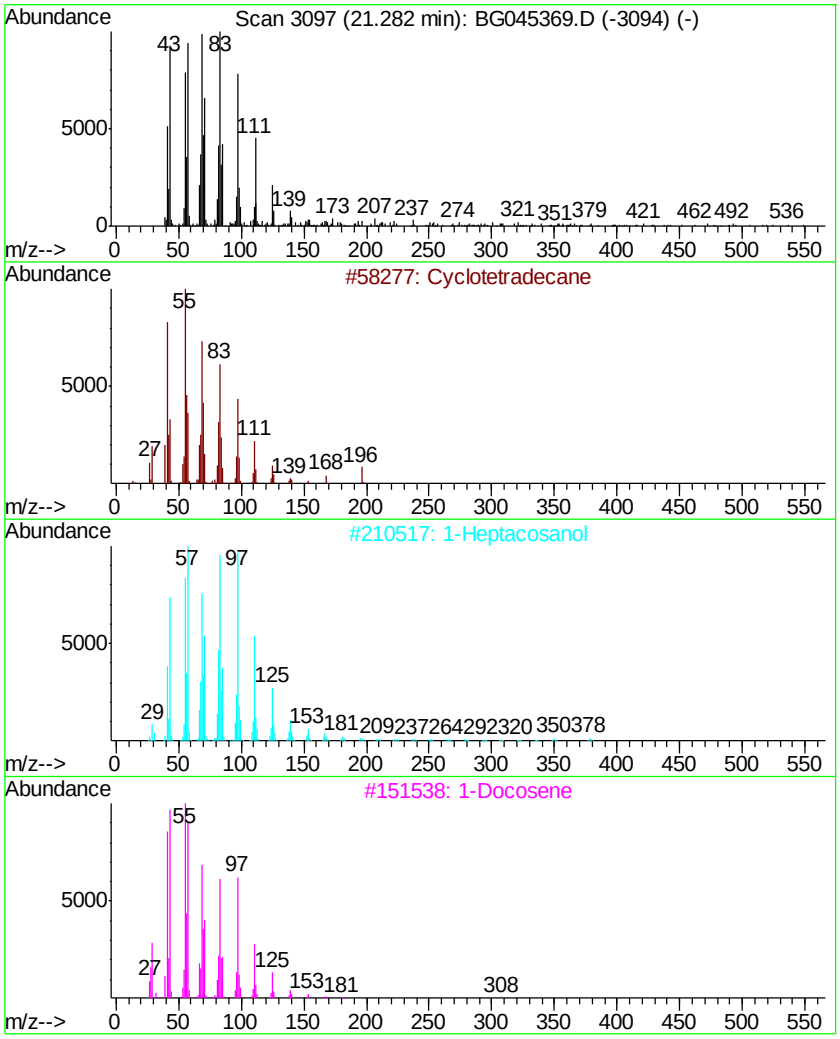
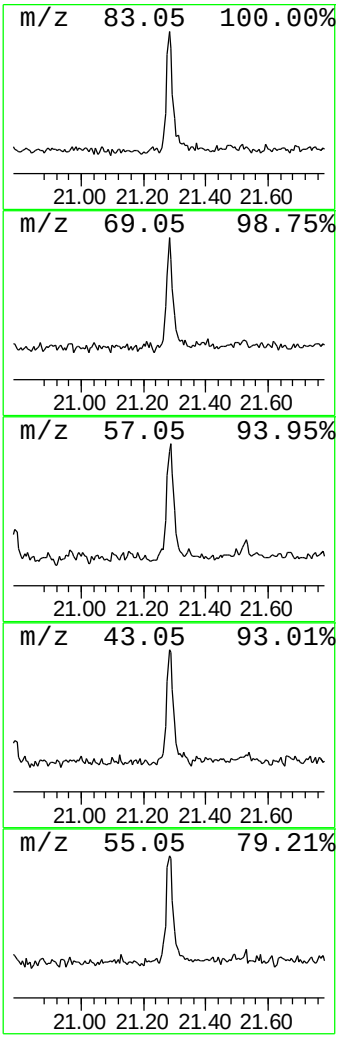
Peak Number 4 Cyclotetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	6.89 ng	510293	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	1-Docosene	308	C22H44	001599-67-3	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051220\
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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-GF-02-056-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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
2,2,4-Trimethyl-3...	3.14	4.0	ng	100782	1	7.98	509141	20.0
n-Hexadecanoic acid	18.26	2.6	ng	142700	4	17.36	1111870	20.0
Cyclotetradecane	21.28	6.9	ng	510293	5	21.63	1481130	20.0