LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042444.D
Acq On : 23 Aug 2019 22:00
Operator : HP/JU
Sample : K4331-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0648-ELUTRIATE-COMP-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_G\METHODS\8270-BG082219.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	3.117	3	5	22	rVB	2902266	4178046	98.67%	14.245%
2	5.561	414	421	432	rBV	536333	909290	21.47%	3.100%
3	7.165	685	694	710	rBV	385930	745364	17.60%	2.541%
4	7.535	749	757	770	rBV	1019691	1794598	42.38%	6.119%
5	8.005	829	837	844	rBV	282838	507917	11.99%	1.732%
6	8.329	883	892	902	rBV	1002671	1767451	41.74%	6.026%
7	9.169	1027	1035	1055	rBV	685711	1297322	30.64%	4.423%
8	10.826	1309	1317	1333	rBV	385227	734119	17.34%	2.503%
9	13.282	1727	1735	1747	rBV	2159373	3484009	82.28%	11.879%
10	14.110	1869	1876	1888	rBV	277587	437728	10.34%	1.492%
11	14.662	1964	1970	1983	rVB2	662840	1049169	24.78%	3.577%
12	16.155	2217	2224	2243	rBV	1431709	2357969	55.68%	8.040%
13	17.412	2431	2438	2449	rBV2	739629	1198834	28.31%	4.088%
14	18.076	2546	2551	2557	rVB2	40415	54401	1.28%	0.185%
15	18.305	2585	2590	2598	rBV	127212	193186	4.56%	0.659%
16	20.027	2877	2883	2894	rBV	3170681	4234500	100.00%	14.438%
17	21.337	3101	3106	3126	rBV	158637	431721	10.20%	1.472%
18	21.695	3160	3167	3178	rVB	741447	1295253	30.59%	4.416%
19	21.883	3196	3199	3204	rVB	53031	77530	1.83%	0.264%
20	22.500	3299	3304	3308	rBV	88243	135993	3.21%	0.464%
21	23.199	3418	3423	3430	rVB2	127437	229874	5.43%	0.784%
22	24.010	3555	3561	3570	rVB	129261	289282	6.83%	0.986%
23	24.939	3709	3719	3737	rVB2	493551	1712984	40.45%	5.841%
24	26.125	3915	3921	3929	rVB2	76583	212599	5.02%	0.725%

Sum of corrected areas: 29329139

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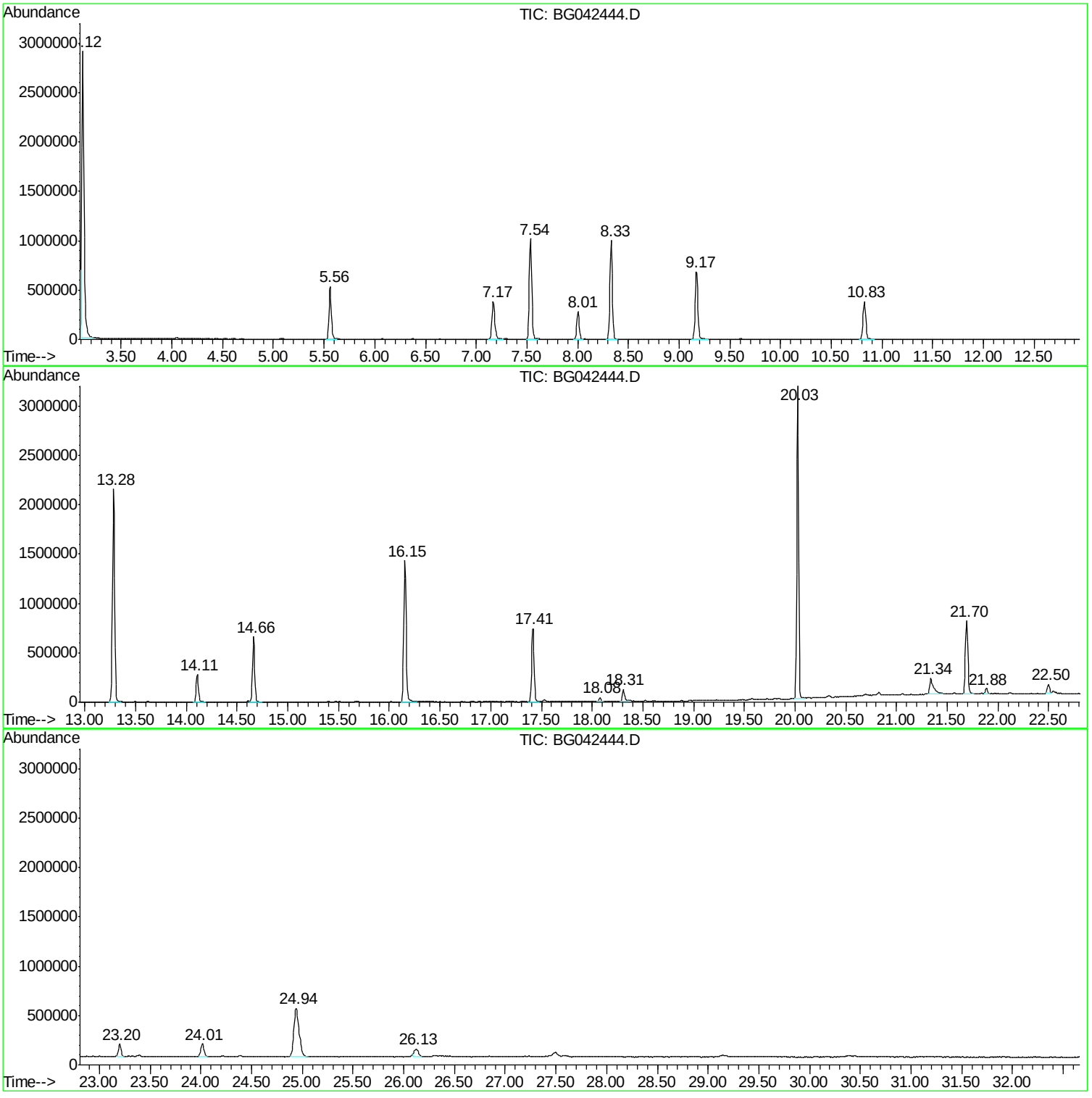
BNA_G
ClientSampleId :
0648-ELUTRIATE-COMP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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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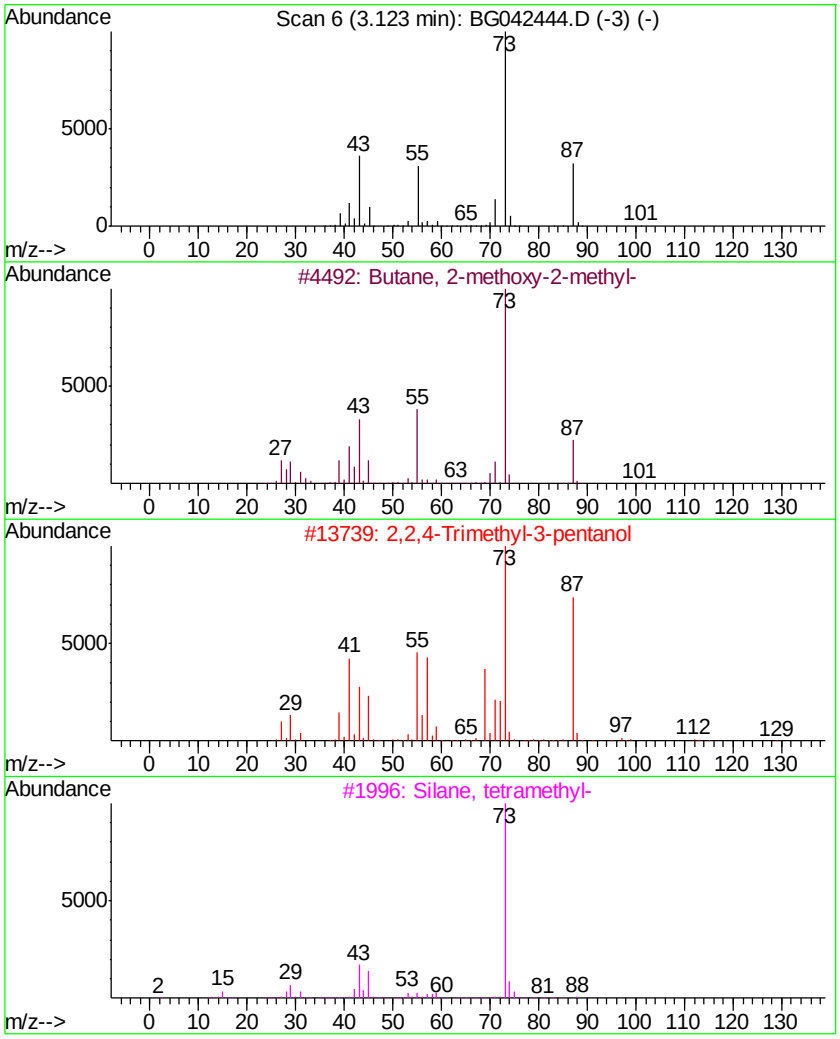
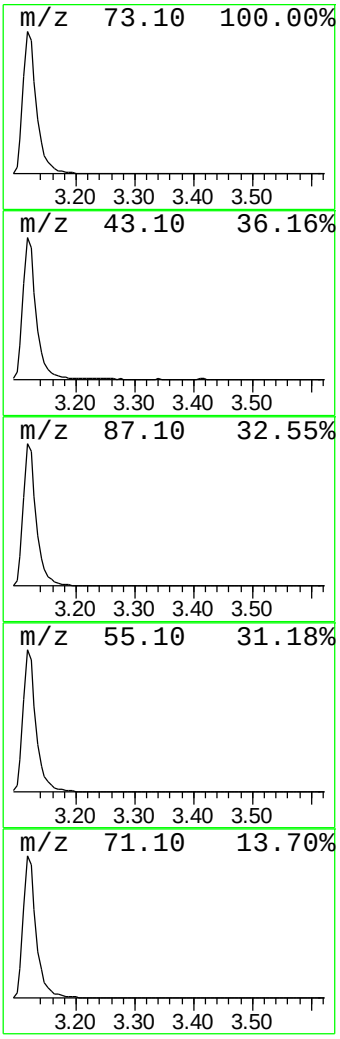
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	164.52 ng	4178050	1,4-Dichlorobenzene-d4	8.01

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	36
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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Instrument : BNA_G
ClientSampleId : 0648-ELUTRIATE-COMP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
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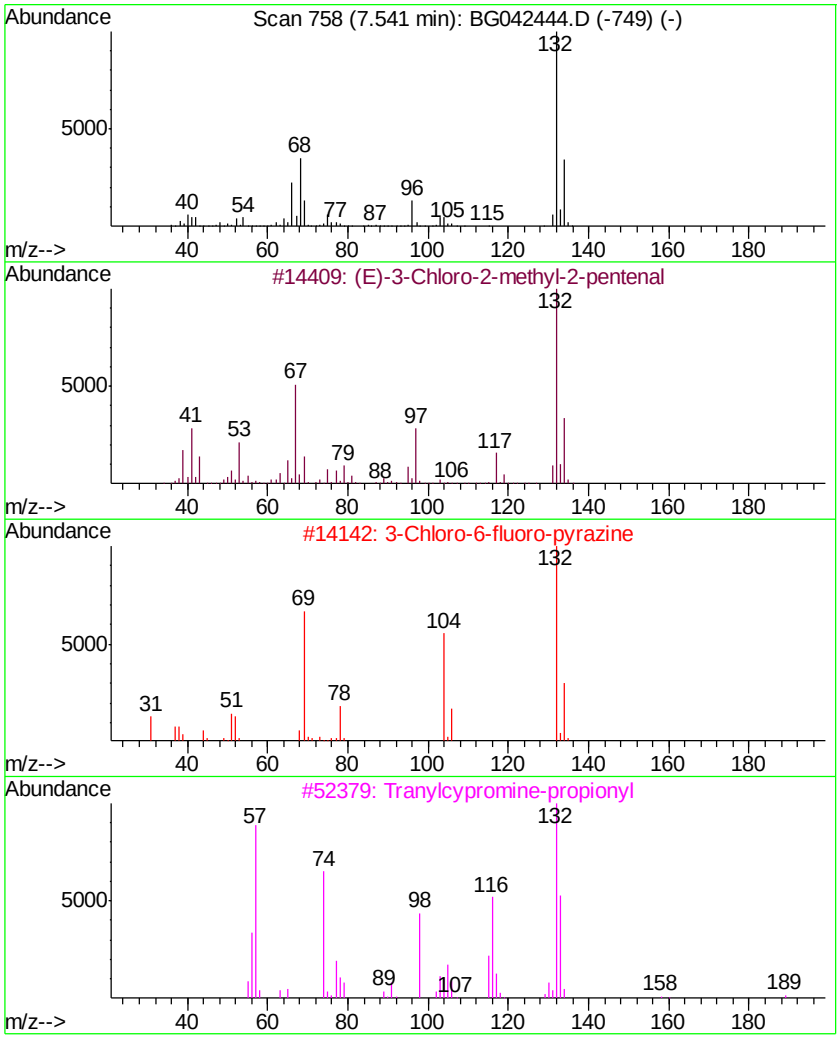
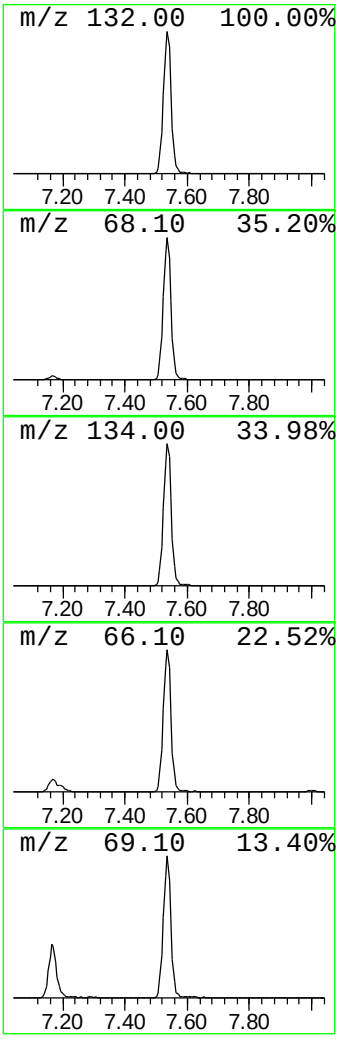
Peak Number 2 unknown7.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	70.67 ng	1794600	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_G
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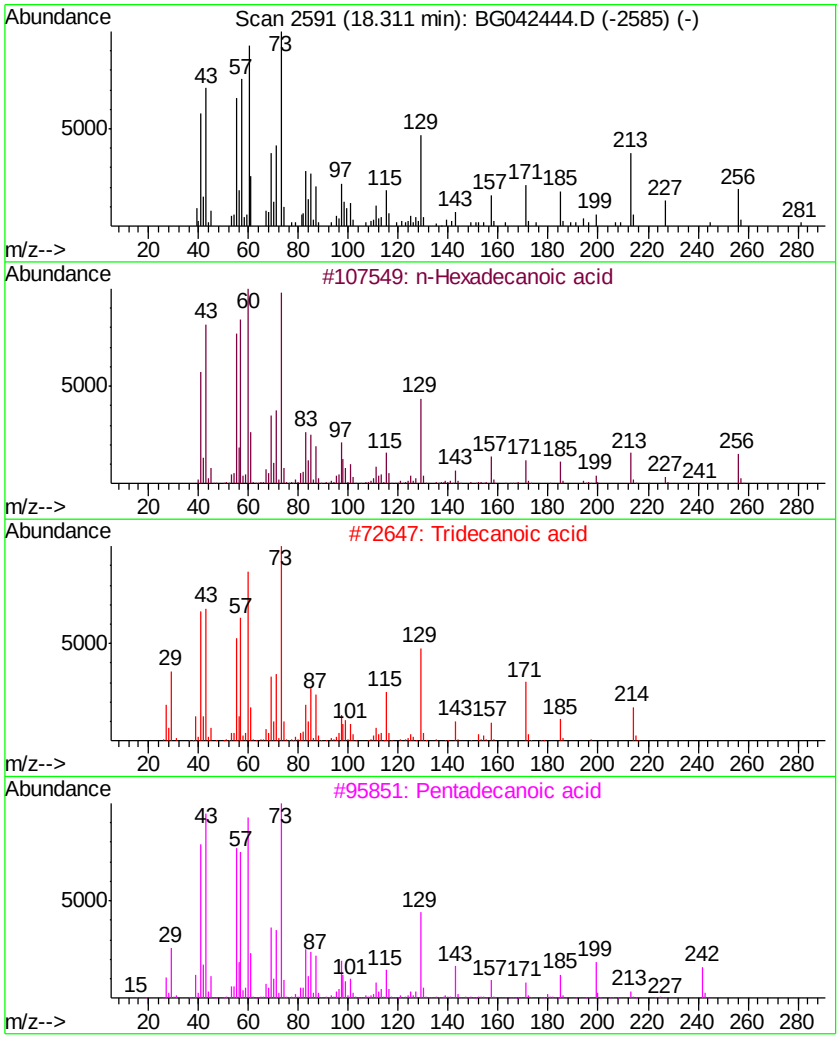
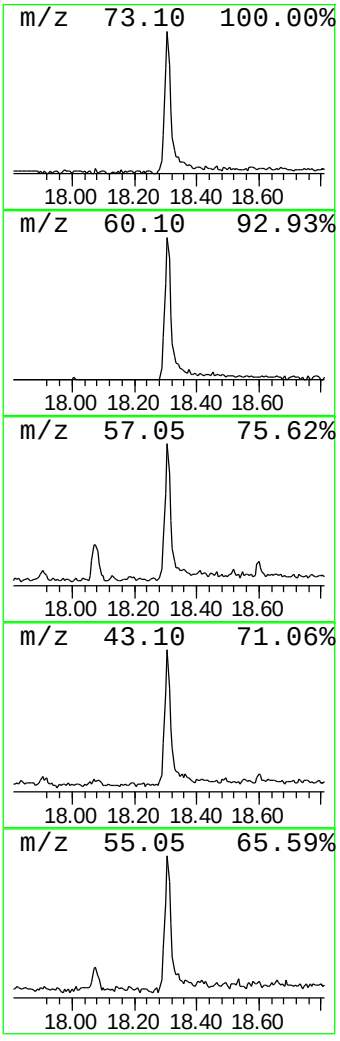
Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	3.22 ng	193186	Phenanthrene-d10	17.41

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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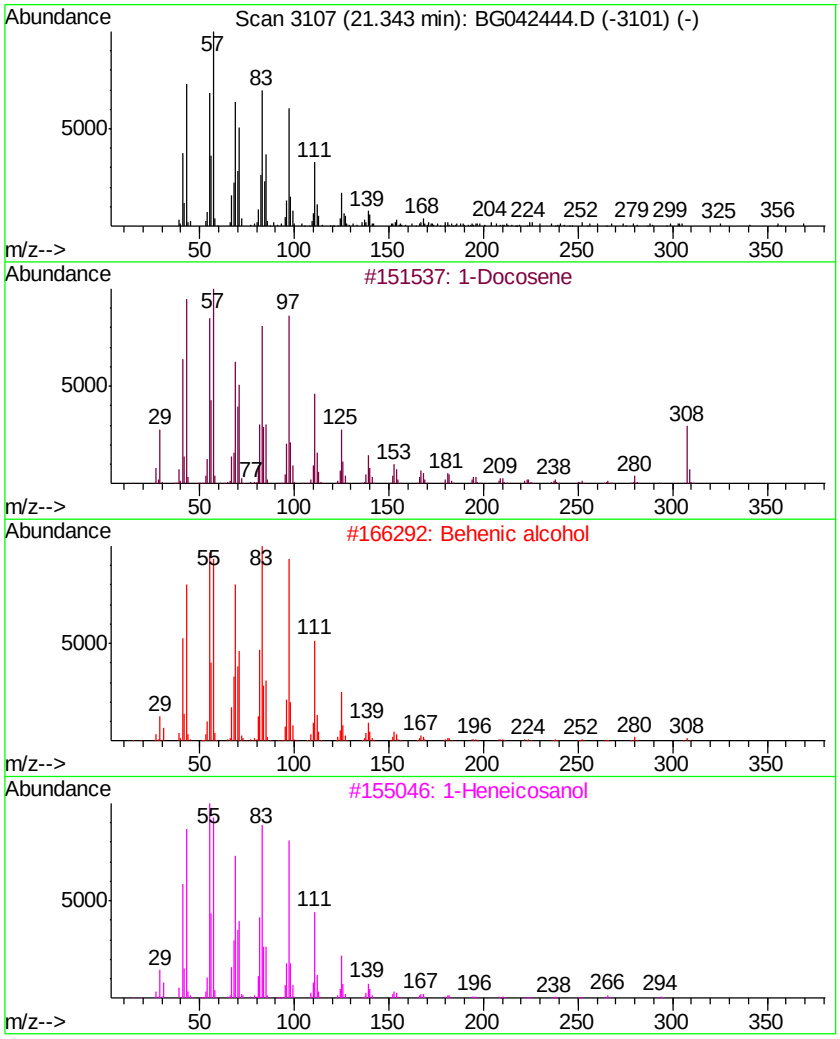
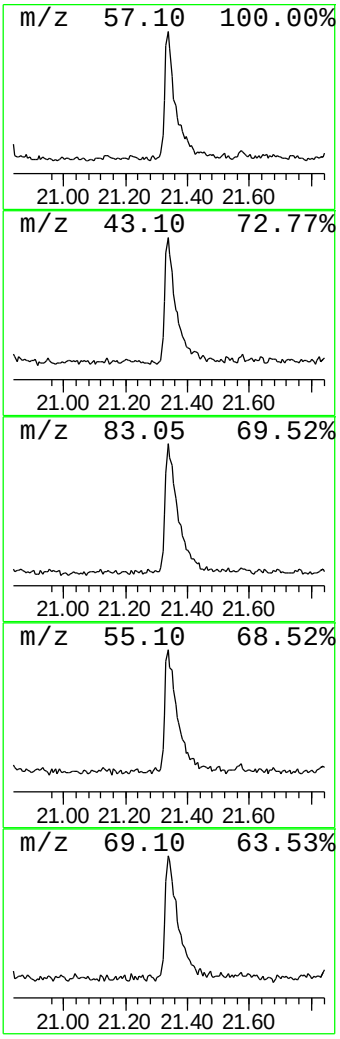
Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	6.67 ng	431721	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	97
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	E-7-Octadecene	252	C18H36	1000130-92-0	92
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





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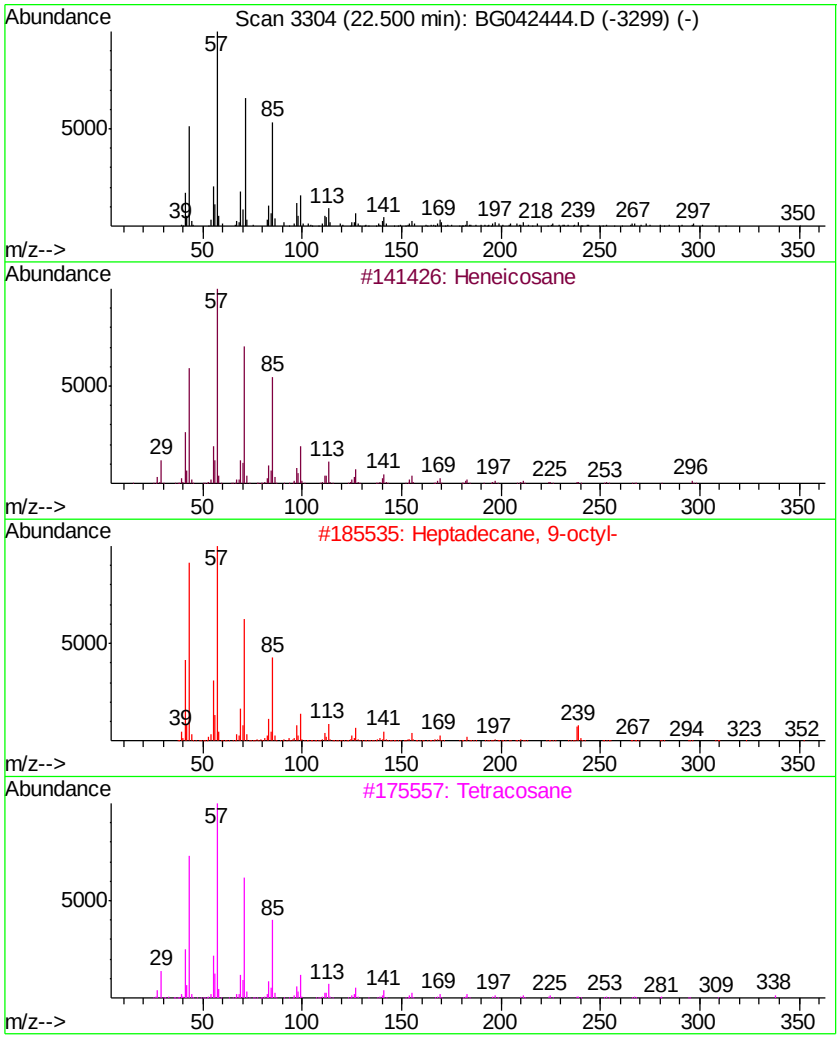
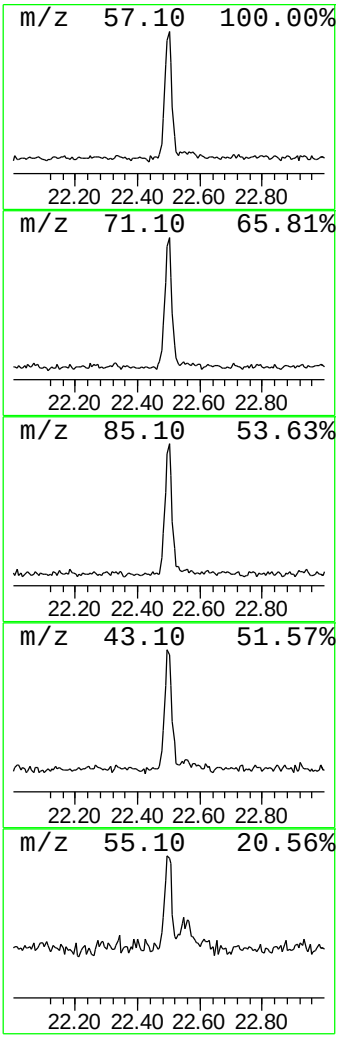
Peak Number 6 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	2.10 ng	135993	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Docosane	310	C22H46	000629-97-0	87
5	Nonadecane	268	C19H40	000629-92-5	87





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...	3.12	164.5	ng	4178050	1	8.01	507917	20.0
unknown7.54	7.54	70.7	ng	1794600	1	8.01	507917	20.0
n-Hexadecanoic acid	18.31	3.2	ng	193186	4	17.41	1198830	20.0
1-Docosene	21.34	6.7	ng	431721	5	21.69	1295250	20.0
Heneicosane	22.50	2.1	ng	135993	5	21.69	1295250	20.0