LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062819\
Data File : BG041523.D
Acq On : 28 Jun 2019 21:42
Operator : HP/JU
Sample : K3563-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-COMP-2

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-BG062619.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	4.559	246	250	254	rBV	21771	27949	1.20%	0.248%
2	5.564	415	421	437	rBV	470664	769862	32.96%	6.835%
3	7.186	690	697	710	rBV	507060	893705	38.26%	7.935%
4	7.556	754	760	774	rVB	500248	856566	36.67%	7.605%
5	8.032	835	841	849	rVB	90908	154664	6.62%	1.373%
6	8.349	888	895	904	rBV	365775	647278	27.71%	5.747%
7	9.213	1035	1042	1059	rBV	297126	563903	24.14%	5.007%
8	10.852	1314	1321	1330	rBV	103784	195170	8.36%	1.733%
9	13.296	1730	1737	1746	rBV	880497	1308262	56.01%	11.616%
10	14.119	1872	1877	1889	rBV	76280	123820	5.30%	1.099%
11	14.677	1966	1972	1979	rBV2	203685	318961	13.66%	2.832%
12	16.169	2219	2226	2245	rBV	823036	1289299	55.20%	11.447%
13	17.427	2433	2440	2452	rBV2	284196	453641	19.42%	4.028%
14	18.279	2580	2585	2592	rBV3	26587	43519	1.86%	0.386%
15	20.024	2876	2882	2894	rBV	1837372	2335629	100.00%	20.738%
16	21.293	3093	3098	3106	rBV5	23816	69080	2.96%	0.613%
17	21.698	3160	3167	3183	rVB	309571	536401	22.97%	4.763%
18	22.444	3289	3294	3300	rVB4	17790	28278	1.21%	0.251%
19	23.138	3406	3412	3419	rBV2	23968	48751	2.09%	0.433%
20	23.943	3542	3549	3555	rBV4	25335	51414	2.20%	0.456%
21	24.900	3706	3712	3716	rBV3	14897	34478	1.48%	0.306%
22	24.977	3717	3725	3737	rVB	173326	479937	20.55%	4.261%
23	26.040	3899	3906	3913	rBV8	11821	32159	1.38%	0.286%

Sum of corrected areas: 11262726

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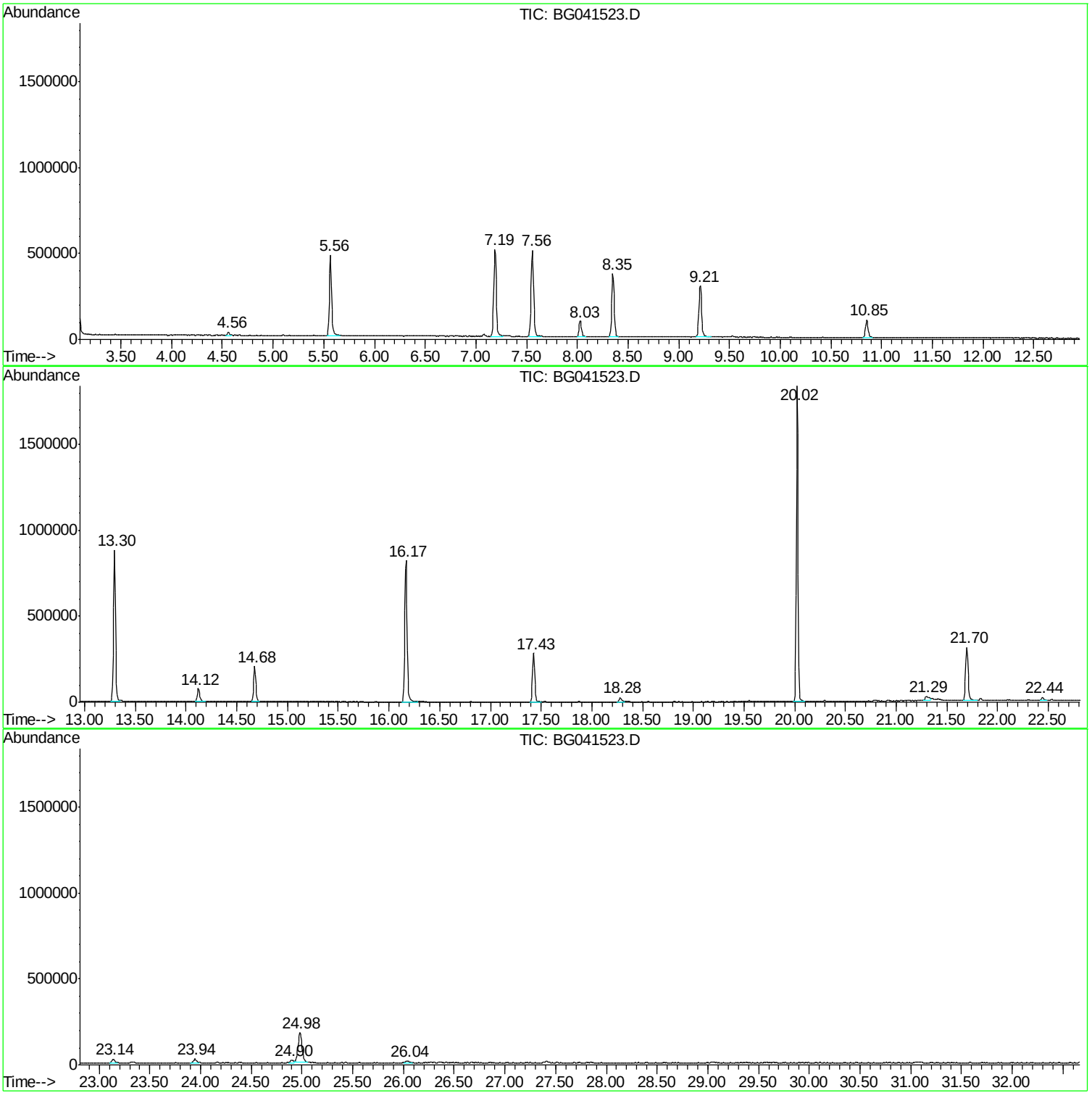
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Data File : BG041523.D
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Operator : HP/JU
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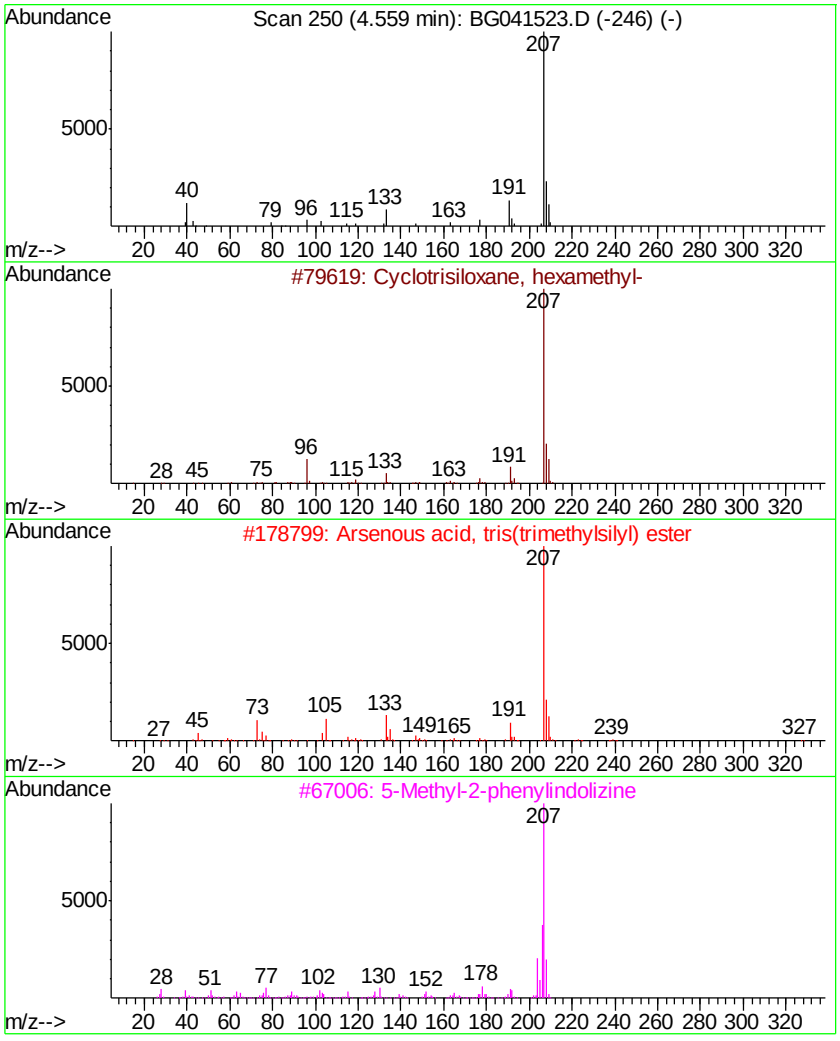
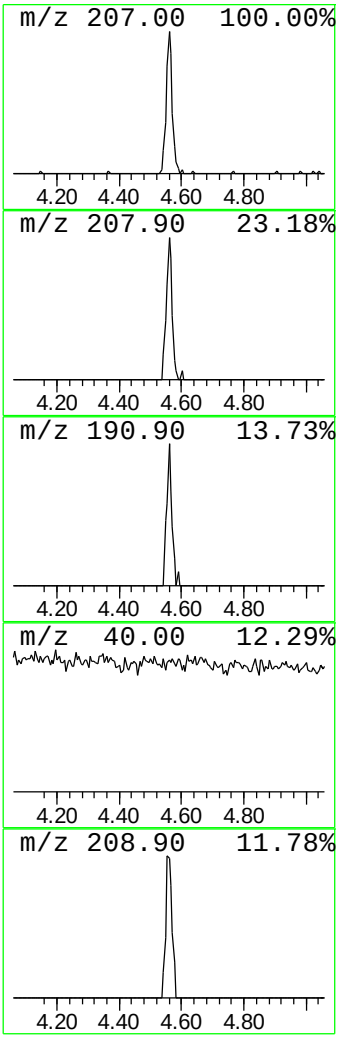
Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	3.61 ng	27949	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	78
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	78
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	50
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5	2-Methyl-7-phenylindole	207	C15H13N	001140-08-5	39





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Instrument : BNA_G
ClientSampleId : SOIL-COMP-2

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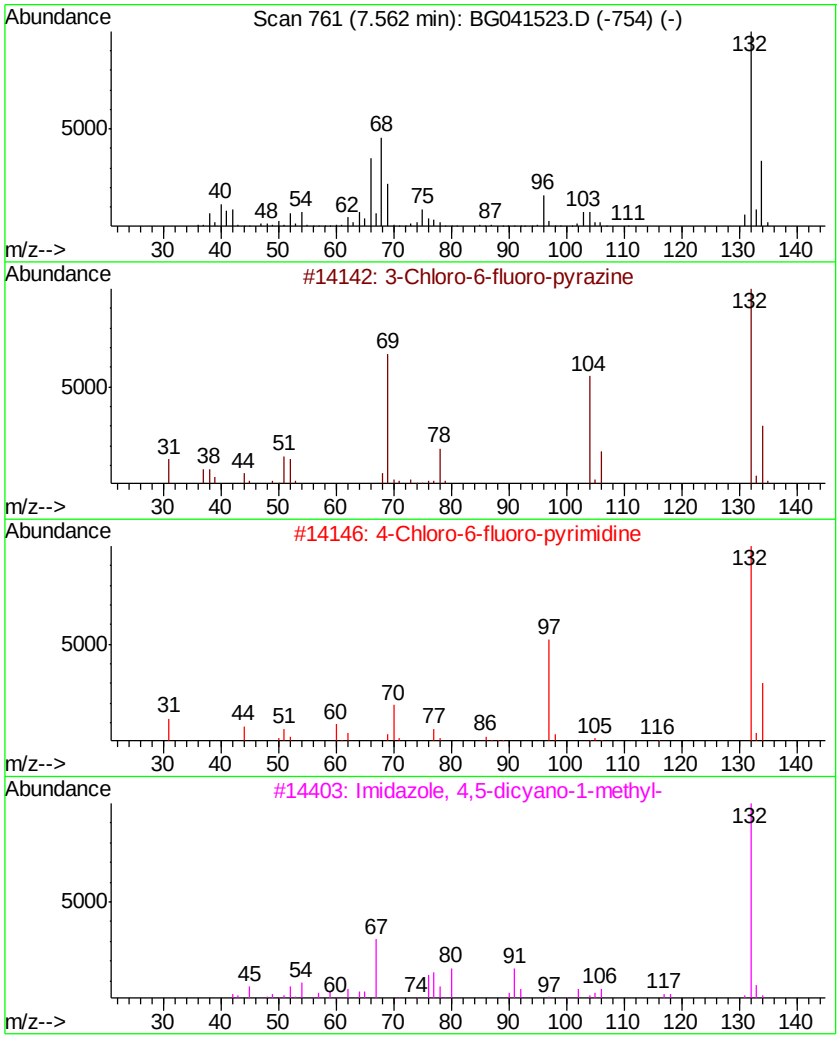
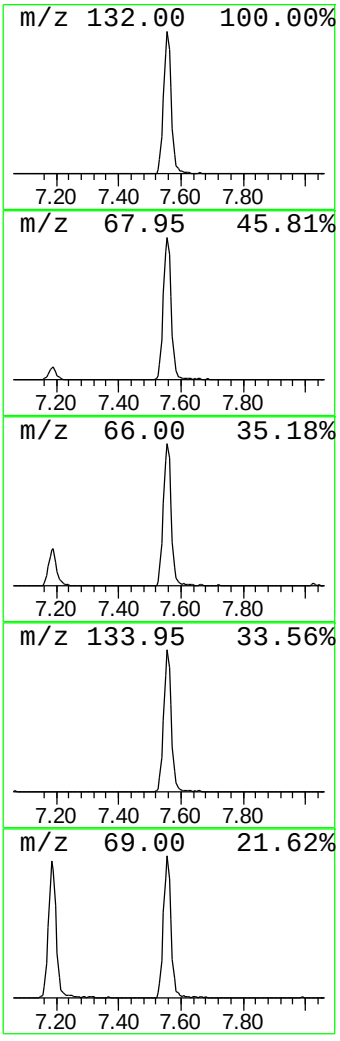
Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	110.77 ng	856566	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22





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Operator : HP/JU
Sample : K3563-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
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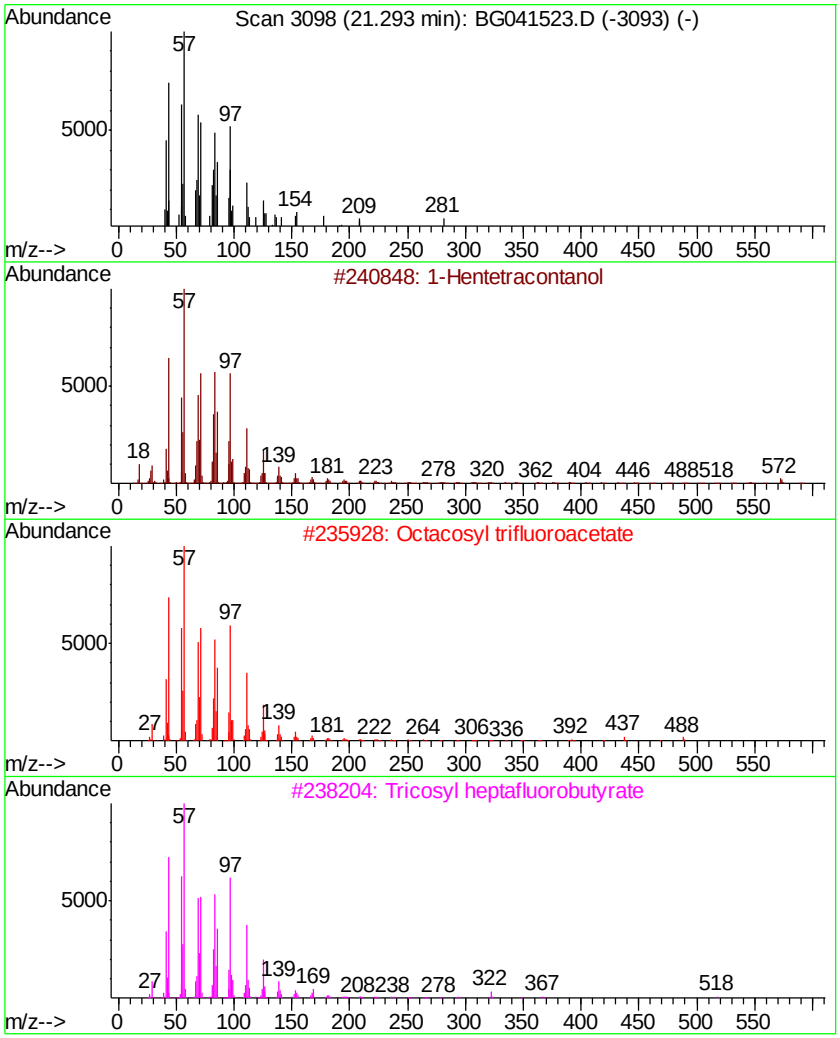
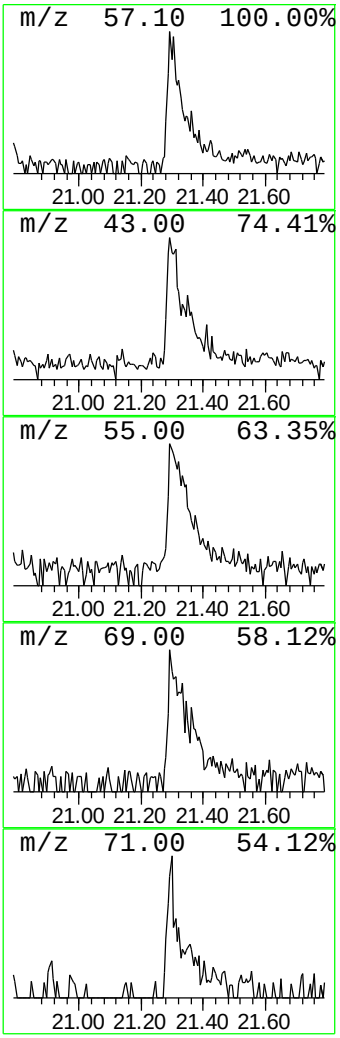
Peak Number 4 1-Hentetracontanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.58 ng	69080	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hentetracontanol	593	C41H84O	040710-42-7	87
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	86
4	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	86
5	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	83





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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
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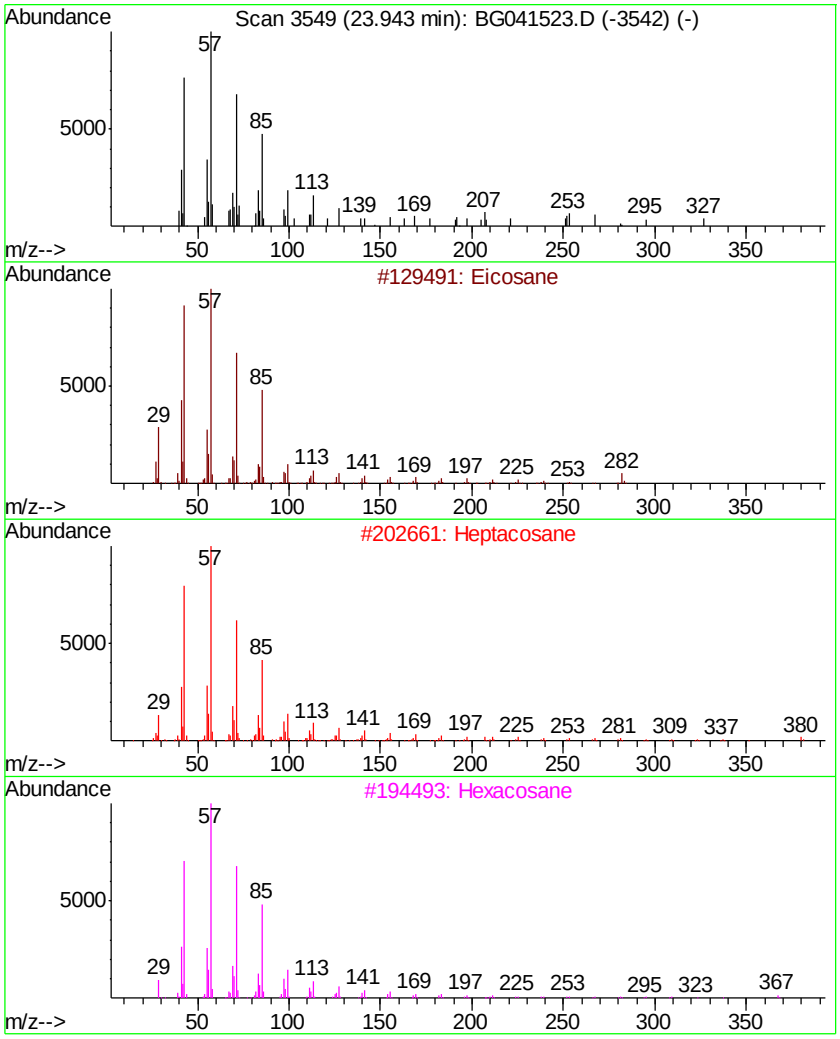
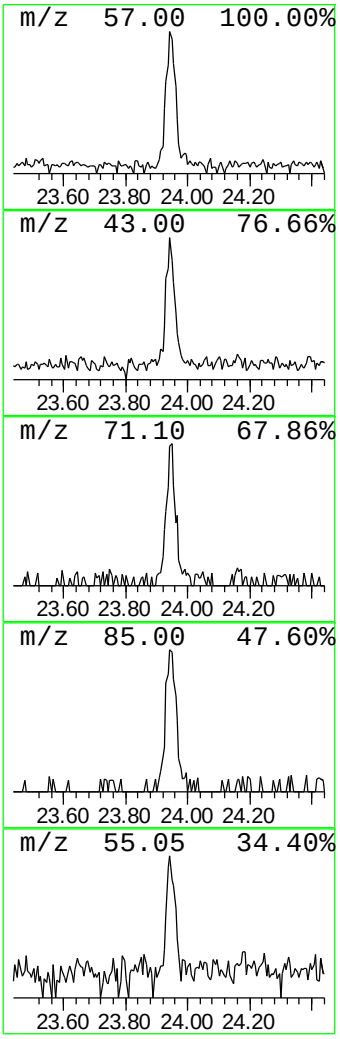
Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	2.14 ng	51414	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptacosane	380	C27H56	000593-49-7	76
3	Hexacosane	366	C26H54	000630-01-3	76
4	Heptadecane	240	C17H36	000629-78-7	76
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	72





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclotrisiloxane,...	4.56	3.6	ng	27949	1	8.03	154664	20.0
unknown7.56	7.56	110.8	ng	856566	1	8.03	154664	20.0
1-Hentetracontanol	21.29	2.6	ng	69080	5	21.70	536401	20.0
Eicosane	23.94	2.1	ng	51414	6	24.98	479937	20.0