LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042579.D
Acq On : 30 Aug 2019 00:02
Operator : HP/JU
Sample : K4562-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-15-17

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	3.118	3	5	19	rVB	161565	209387	9.20%	1.702%
2	5.556	413	420	436	rBV	456447	749657	32.95%	6.095%
3	7.166	686	694	710	rBV	461263	881959	38.76%	7.171%
4	7.530	748	756	768	rBV	501729	871504	38.30%	7.086%
5	7.994	829	835	844	rVB	106051	180289	7.92%	1.466%
6	8.323	884	891	905	rBV	367537	630224	27.70%	5.124%
7	9.164	1026	1034	1050	rBV	258424	495984	21.80%	4.032%
8	10.820	1309	1316	1332	rBV	125272	248269	10.91%	2.018%
9	13.276	1727	1734	1746	rBV	823169	1310512	57.59%	10.655%
10	13.547	1775	1780	1787	rVB2	19982	30677	1.35%	0.249%
11	14.105	1869	1875	1887	rBV	100258	164662	7.24%	1.339%
12	14.657	1962	1969	1986	rBV	251223	400120	17.58%	3.253%
13	16.150	2216	2223	2243	rBV	777237	1266364	55.65%	10.296%
14	17.407	2430	2437	2448	rBV2	316436	522655	22.97%	4.249%
15	18.300	2584	2589	2599	rBV2	21393	39229	1.72%	0.319%
16	19.152	2730	2734	2743	rBV2	23486	46008	2.02%	0.374%
17	20.021	2876	2882	2891	rVB	1696479	2275428	100.00%	18.500%
18	20.321	2930	2933	2938	rVB2	17608	23539	1.03%	0.191%
19	21.320	3098	3103	3115	rBV	124542	216342	9.51%	1.759%
20	21.684	3159	3165	3176	rVB	383561	648300	28.49%	5.271%
21	21.878	3193	3198	3203	rVB	25874	39816	1.75%	0.324%
22	22.489	3296	3302	3308	rBV2	35927	78954	3.47%	0.642%
23	23.182	3414	3420	3426	rVB3	37425	68975	3.03%	0.561%
24	23.999	3552	3559	3566	rBV3	35976	77599	3.41%	0.631%
25	24.922	3705	3716	3736	rBV3	252943	785563	34.52%	6.387%
26	26.097	3912	3916	3924	rVB7	15901	37806	1.66%	0.307%

Sum of corrected areas: 12299822

LSC Report - Integrated Chromatogram

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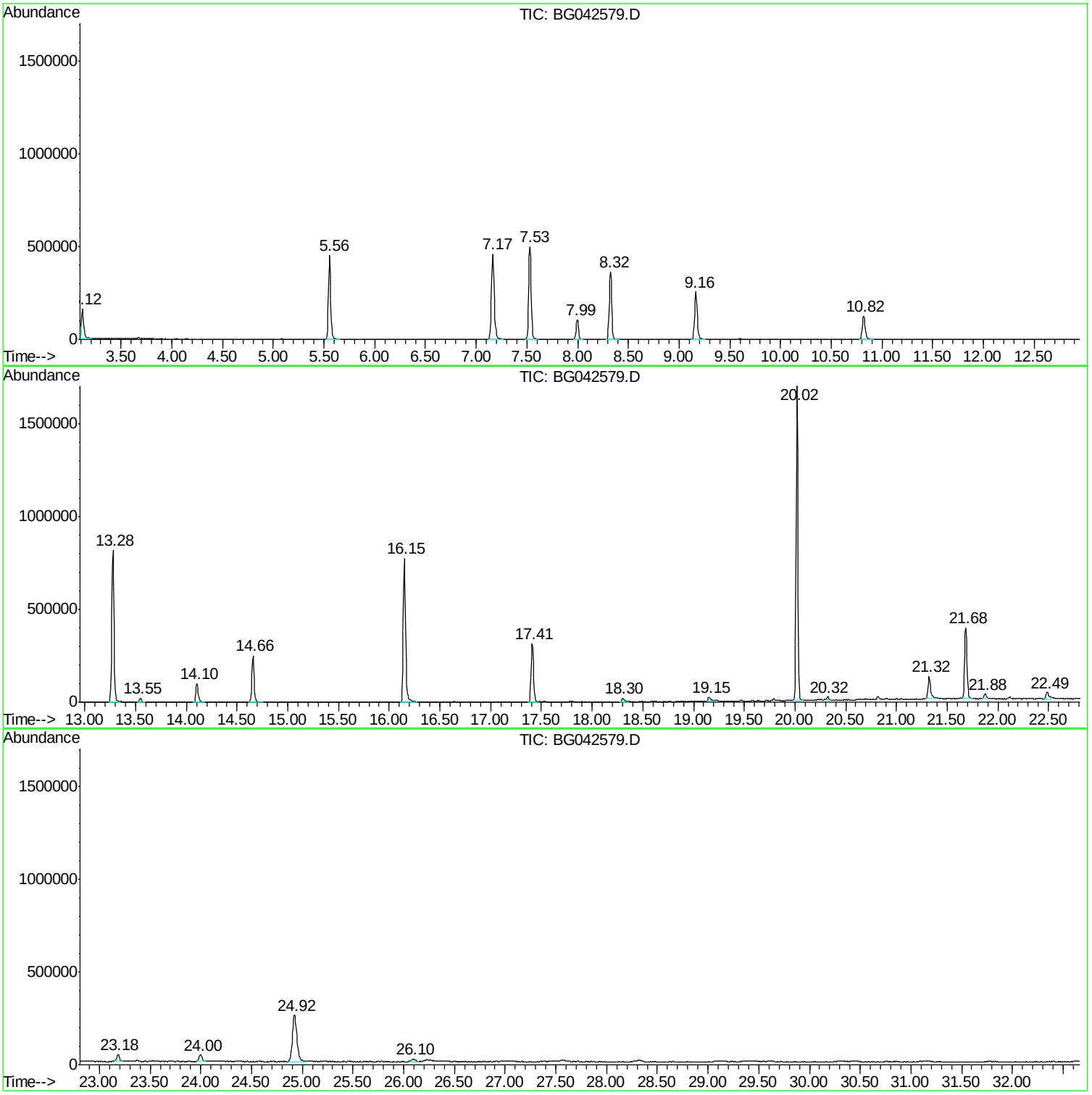
Instrument : BNA_G
ClientSampleId : SB-02-15-17

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
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Instrument : BNA_G
ClientSampleId : SB-02-15-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

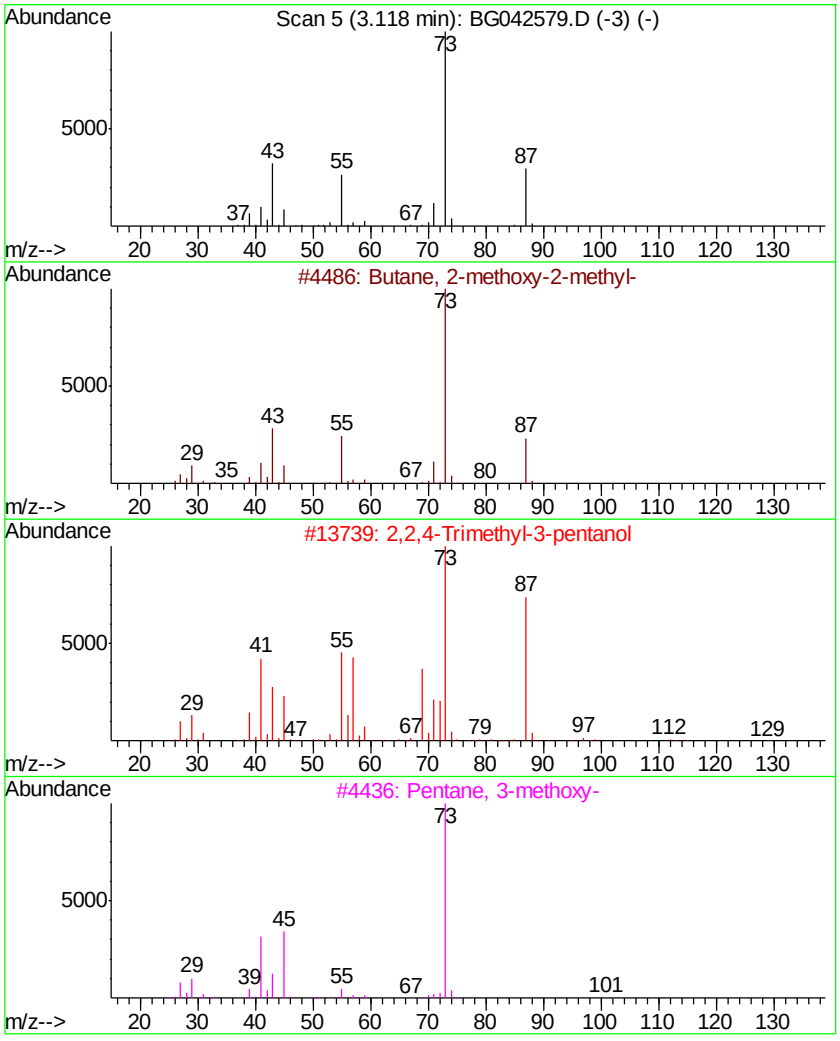
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

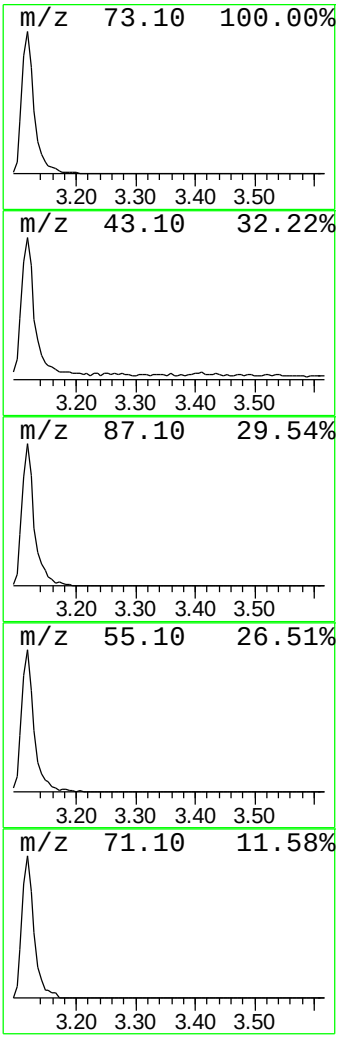
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	23.23 ng	209387	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-15-17

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

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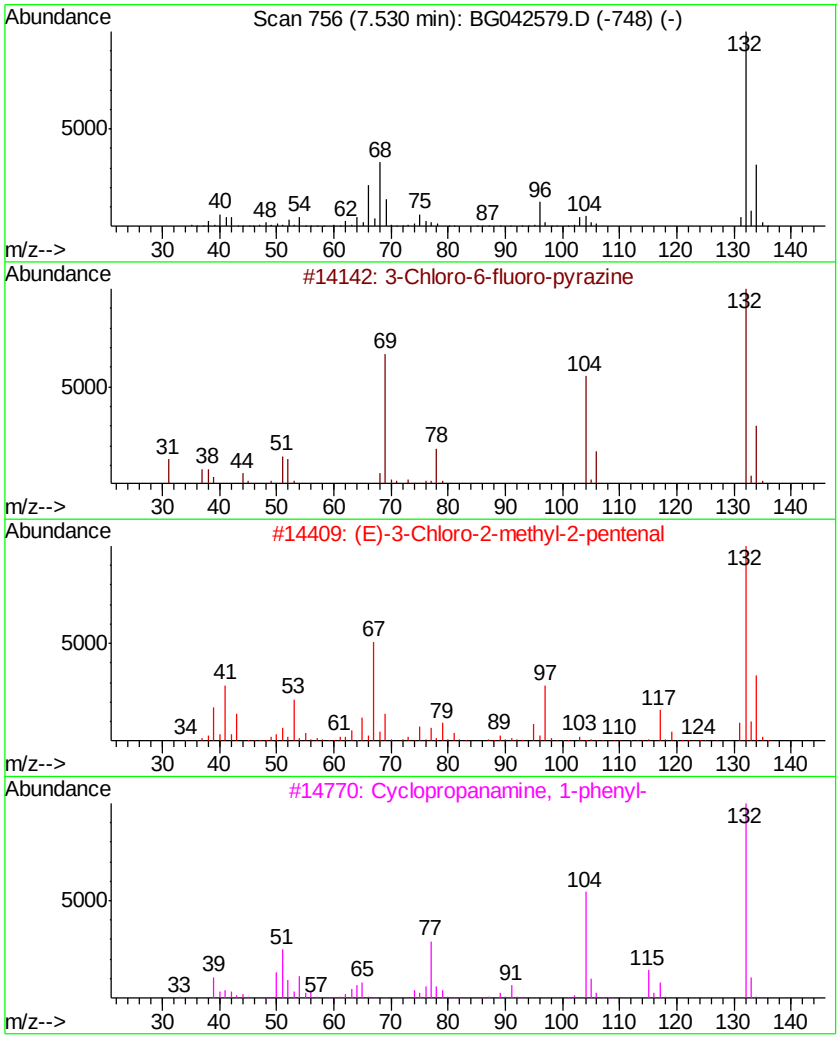
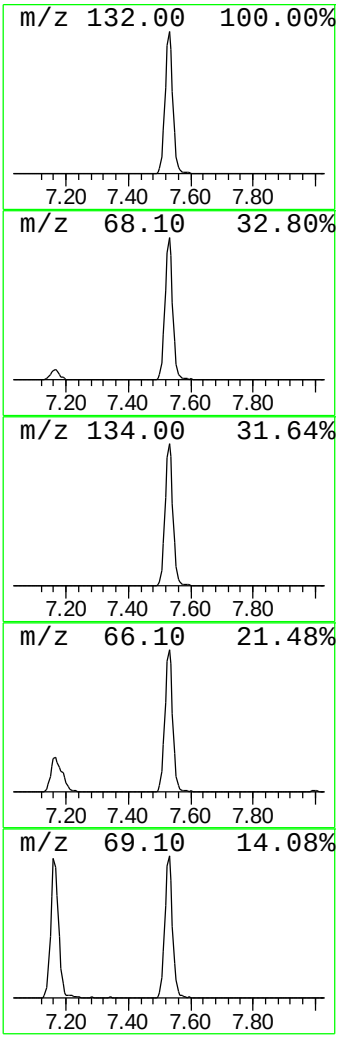
Peak Number 2 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	96.68 ng	871504	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : K4562-01
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Instrument : BNA_G
ClientSampleId : SB-02-15-17

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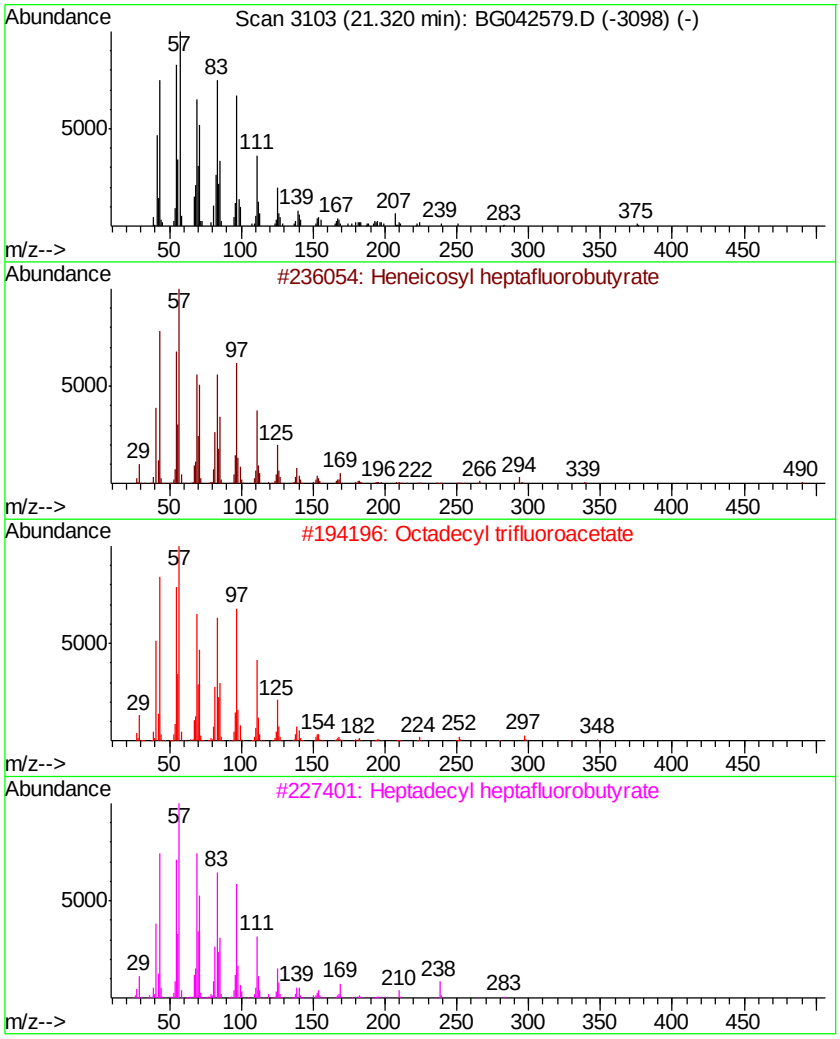
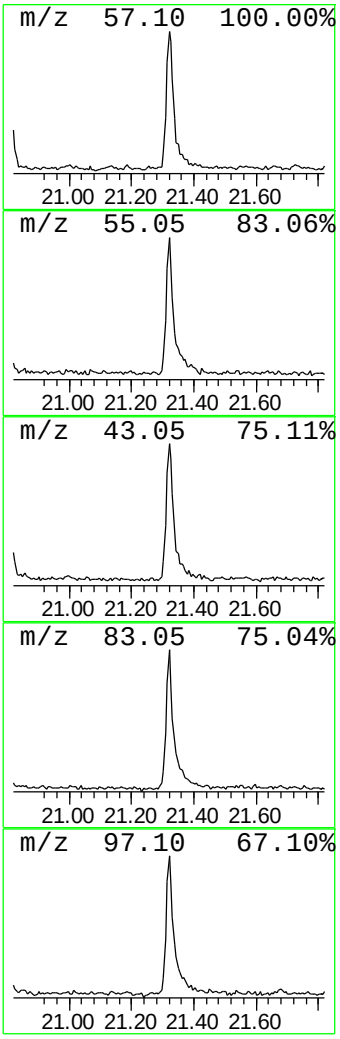
Peak Number 4 Heneicosyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	6.67 ng	216342	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	94
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	1-Tricosene	322	C23H46	018835-32-0	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-02-15-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
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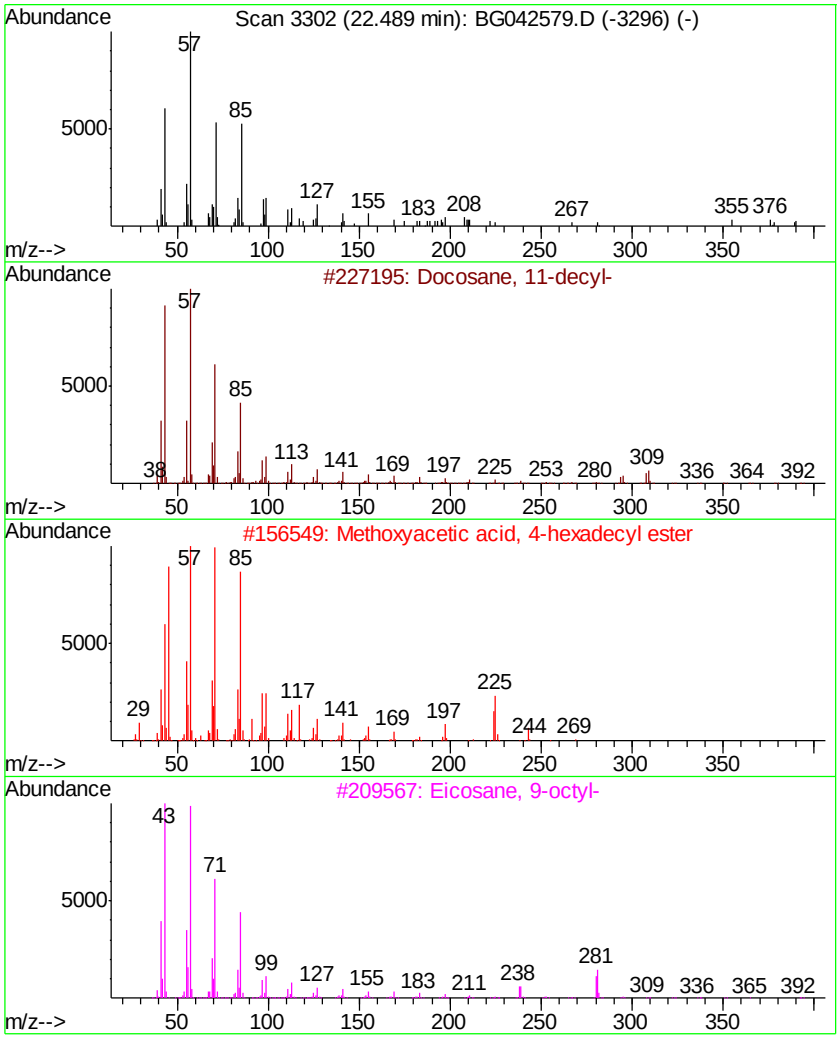
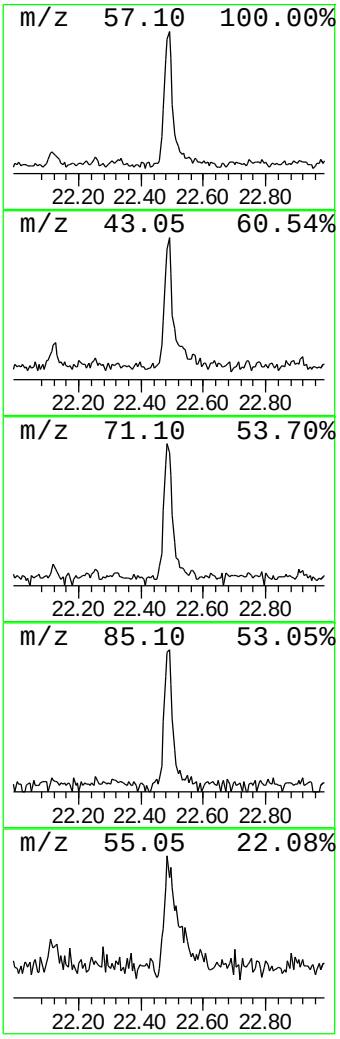
Peak Number 5 Docosane, 11-decyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.44 ng	78954	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-decyl-	451	C32H66	055401-55-3	74
2	Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	74
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Triacontane	422	C30H62	000638-68-6	72





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-15-17

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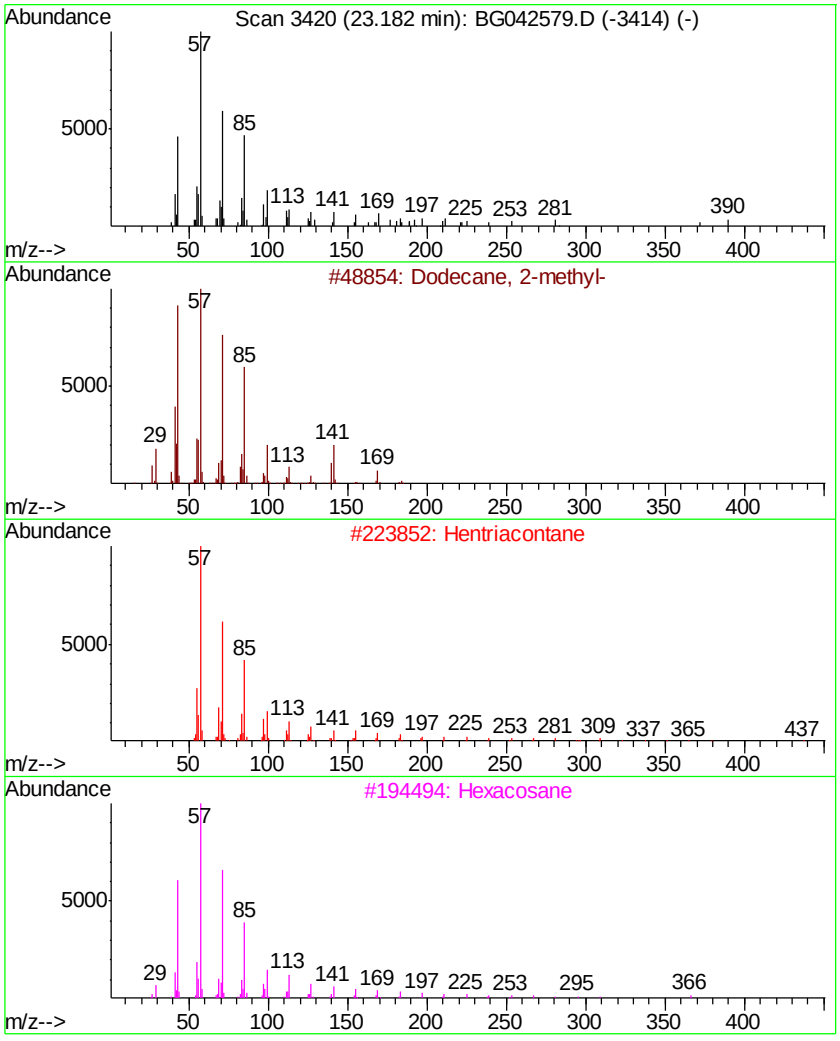
TIC Integration Parameters: LSCINT.P

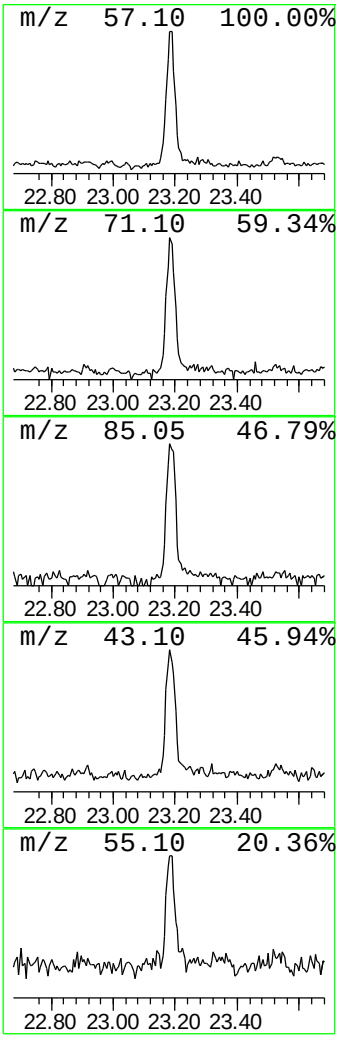
****

Peak Number 6 Dodecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.13 ng	68975	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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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...	3.12	23.2	ng	209387	1	8.00	180289	20.0
unknown7.53	7.53	96.7	ng	871504	1	8.00	180289	20.0
Heneicosyl heptaf...	21.32	6.7	ng	216342	5	21.68	648300	20.0
Docosane, 11-decyl-	22.49	2.4	ng	78954	5	21.68	648300	20.0
Dodecane, 2-methyl-	23.18	2.1	ng	68975	5	21.68	648300	20.0