LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042619.D
Acq On : 31 Aug 2019 3:02
Operator : HP/JU
Sample : K4439-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-4A-(5-7)

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_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	18	rVB	109587	142694	8.19%	1.333%
2	5.555	413	420	432	rBV	329025	546588	31.38%	5.106%
3	7.159	686	693	708	rBV	343469	631839	36.28%	5.902%
4	7.529	748	756	770	rBV	374828	646216	37.10%	6.037%
5	7.994	829	835	845	rVB	107530	182497	10.48%	1.705%
6	8.323	883	891	902	rBV	300027	514475	29.54%	4.806%
7	9.163	1026	1034	1048	rBV	198839	373592	21.45%	3.490%
8	10.820	1307	1316	1334	rBV	131179	259419	14.89%	2.423%
9	13.276	1726	1734	1746	rBV	670104	1078956	61.95%	10.079%
10	14.104	1868	1875	1889	rBV	70401	118488	6.80%	1.107%
11	14.656	1961	1969	1977	rBV	257868	406918	23.36%	3.801%
12	16.149	2217	2223	2236	rBV	548504	911163	52.32%	8.512%
13	17.406	2430	2437	2442	rBV2	347318	523342	30.05%	4.889%
14	17.447	2442	2444	2451	rVV	45600	64591	3.71%	0.603%
15	17.529	2454	2458	2466	rVB4	8405	20057	1.15%	0.187%
16	18.299	2581	2589	2592	rBV2	25923	50206	2.88%	0.469%
17	18.334	2592	2595	2602	rVB	23762	36474	2.09%	0.341%
18	18.475	2614	2619	2624	rBV3	16504	32397	1.86%	0.303%
19	18.787	2667	2672	2676	rBV	10745	17431	1.00%	0.163%
20	19.198	2738	2742	2747	rBV	16589	29342	1.68%	0.274%
21	19.345	2762	2767	2772	rBV5	10109	20105	1.15%	0.188%
22	19.462	2780	2787	2792	rBV	88499	127935	7.35%	1.195%
23	19.821	2844	2848	2857	rVB	81140	130531	7.49%	1.219%
24	19.897	2857	2861	2868	rVB4	11788	19975	1.15%	0.187%
25	20.021	2873	2882	2887	rBV	1291078	1741652	100.00%	16.270%
26	20.138	2897	2902	2905	rBV5	11642	21703	1.25%	0.203%
27	20.309	2922	2931	2936	rBV3	17876	43801	2.51%	0.409%
28	20.479	2955	2960	2963	rBV4	15571	23922	1.37%	0.223%
29	20.614	2980	2983	2986	rBV	15230	21683	1.24%	0.203%
30	20.655	2987	2990	2994	rVV	16044	28247	1.62%	0.264%
31	20.696	2994	2997	3002	rVB3	27157	37145	2.13%	0.347%
32	21.078	3060	3062	3069	rVB2	16033	23130	1.33%	0.216%
33	21.319	3098	3103	3109	rBV4	54402	100470	5.77%	0.939%
34	21.683	3157	3165	3170	rBV	392660	717734	41.21%	6.705%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042619.D
Acq On : 31 Aug 2019 3:02
Operator : HP/JU
Sample : K4439-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-4A-(5-7)

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_G\METHODS\8270-BG082219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.725	3170	3172	3178	rVB	35650	48852	2.80%	0.456%
36	22.482	3298	3301	3307	rBV4	21316	32337	1.86%	0.302%
37	23.182	3416	3420	3427	rVB2	29735	57933	3.33%	0.541%
38	23.893	3536	3541	3548	rBV2	21895	61606	3.54%	0.575%
39	24.762	3682	3689	3697	rBV	21189	67087	3.85%	0.627%
40	24.921	3706	3716	3727	rBV2	246625	763138	43.82%	7.129%
41	26.090	3907	3915	3916	rBV7	14275	29182	1.68%	0.273%

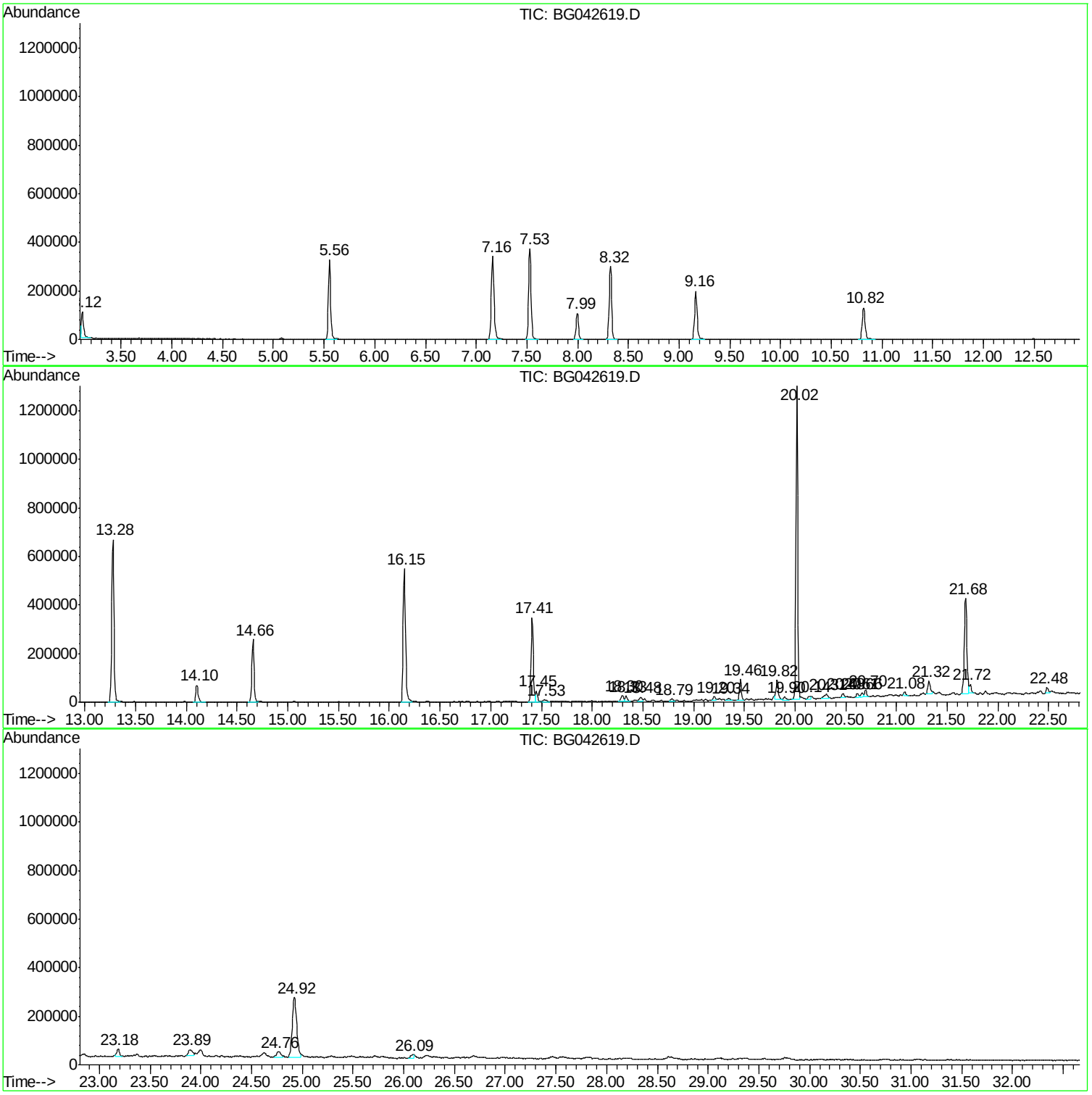
Sum of corrected areas: 10704853

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042619.D
Acq On : 31 Aug 2019 3:02
Operator : HP/JU
Sample : K4439-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-4A-(5-7)

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042619.D
Acq On : 31 Aug 2019 3:02
Operator : HP/JU
Sample : K4439-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-4A-(5-7)

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

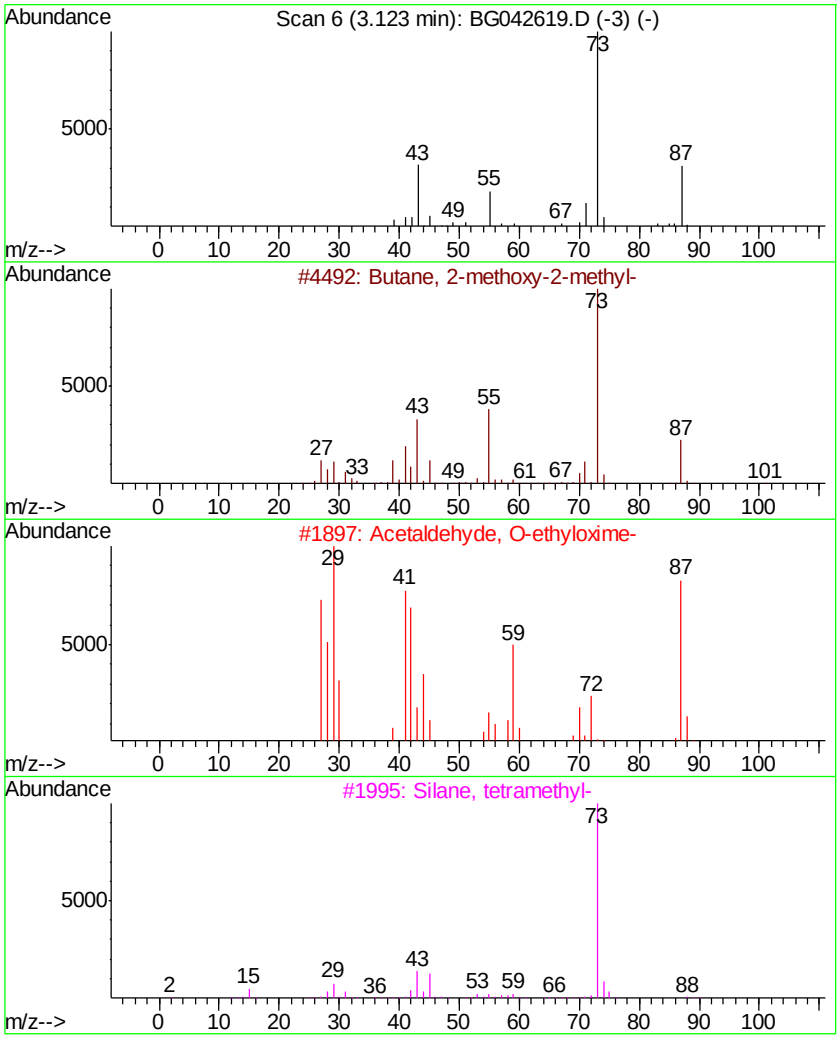
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

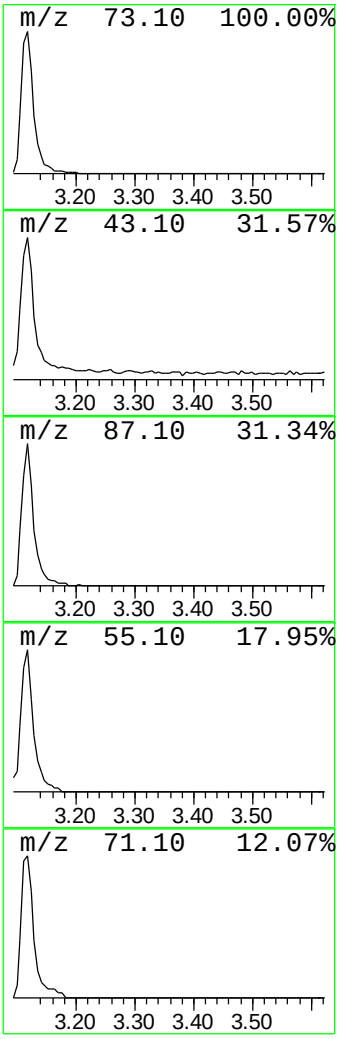
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	15.64 ng	142694	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9
5	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042619.D
Acq On : 31 Aug 2019 3:02
Operator : HP/JU
Sample : K4439-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-4A-(5-7)

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

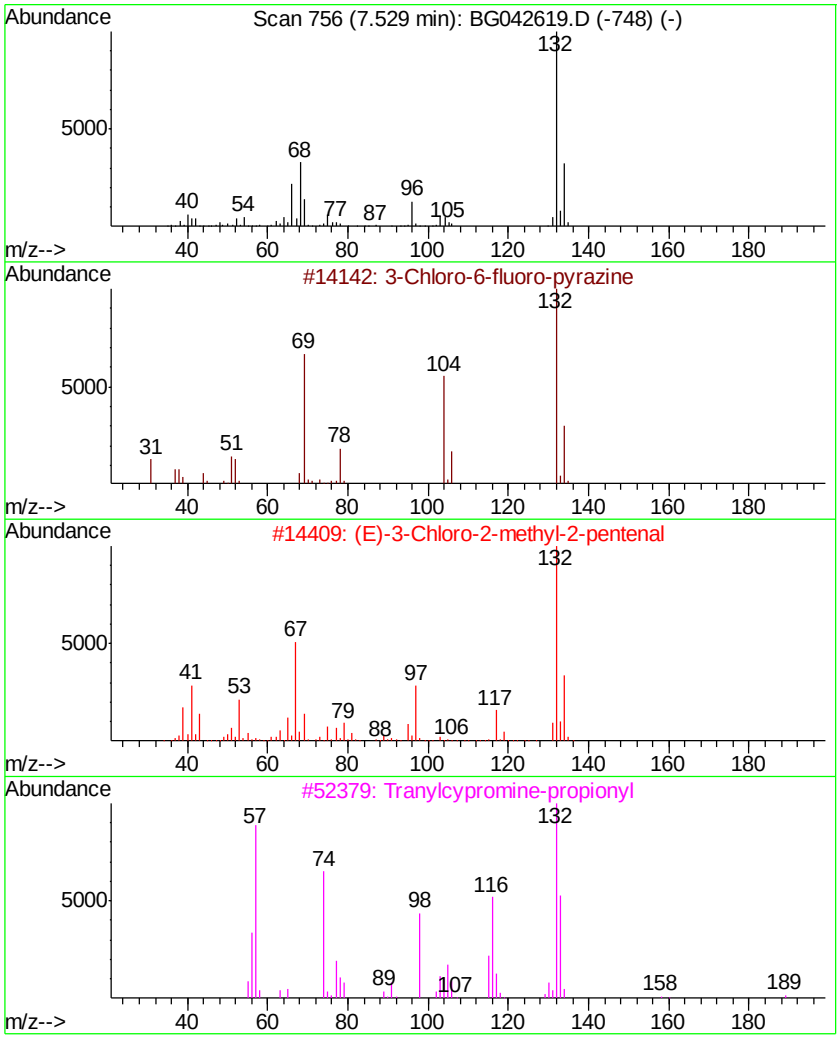
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

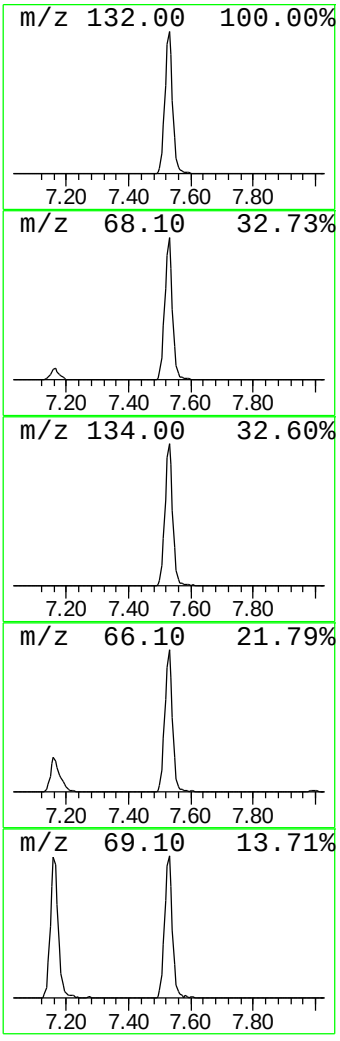
****

Peak Number 2 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	70.82 ng	646216	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Xenon	132	Xe	007440-63-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042619.D
Acq On : 31 Aug 2019 3:02
Operator : HP/JU
Sample : K4439-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-4A-(5-7)

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

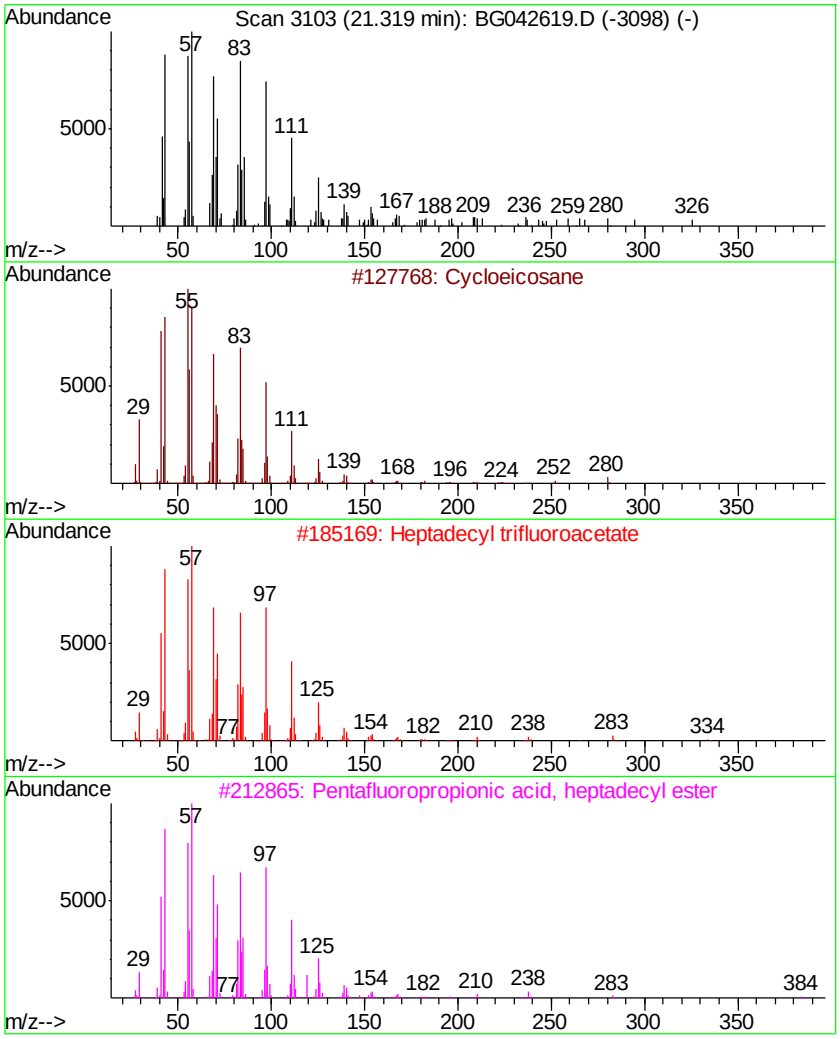
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

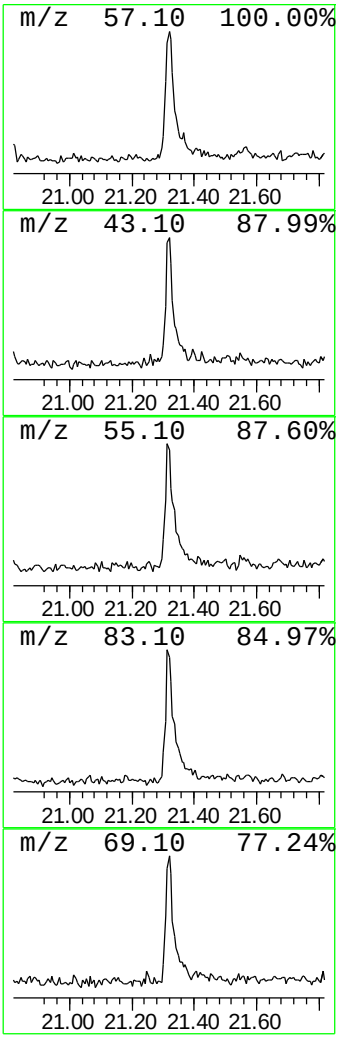
****

Peak Number 4 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.80 ng	100470	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	97
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083019\
Data File : BG042619.D
Acq On : 31 Aug 2019 3:02
Operator : HP/JU
Sample : K4439-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-4A-(5-7)

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.12	15.6	ng	142694	1	7.99	182497	20.0
unknown7.53	7.53	70.8	ng	646216	1	7.99	182497	20.0
Cycloeicosane	21.32	2.8	ng	100470	5	21.68	717734	20.0