LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
Data File : BG042680.D
Acq On : 2 Sep 2019 2:59
Operator : HP/JU
Sample : K4579-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PAR-12-A1-A4-(0-3.5)

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	17	rVB	86240	111060	7.06%	1.200%
2	5.550	413	419	434	rBV	256594	422075	26.82%	4.559%
3	7.160	686	693	707	rBV	262712	475115	30.19%	5.132%
4	7.530	748	756	766	rBV	284193	498653	31.69%	5.386%
5	7.994	827	835	844	rBV	93258	156392	9.94%	1.689%
6	8.323	883	891	905	rVB	235323	413609	26.28%	4.467%
7	9.164	1025	1034	1050	rBV	148494	291730	18.54%	3.151%
8	10.820	1308	1316	1334	rBV	103783	219304	13.93%	2.369%
9	13.276	1726	1734	1751	rBV	526456	886802	56.35%	9.579%
10	14.105	1869	1875	1885	rBV	54469	96385	6.12%	1.041%
11	14.657	1962	1969	1978	rBV	229737	379306	24.10%	4.097%
12	16.149	2215	2223	2237	rBV	491181	831403	52.83%	8.980%
13	17.407	2431	2437	2443	rBV	324697	517193	32.86%	5.586%
14	17.448	2443	2444	2449	rVB	22330	23525	1.49%	0.254%
15	18.306	2585	2590	2593	rBV7	14413	27329	1.74%	0.295%
16	19.463	2782	2787	2792	rBV	60889	92412	5.87%	0.998%
17	19.822	2845	2848	2858	rVB	58404	83010	5.27%	0.897%
18	20.016	2876	2881	2891	rVB	1124523	1573781	100.00%	16.999%
19	21.320	3099	3103	3115	rVB4	50091	103860	6.60%	1.122%
20	21.561	3140	3144	3152	rVB	82288	117535	7.47%	1.270%
21	21.684	3157	3165	3170	rVV	390398	727629	46.23%	7.859%
22	21.725	3170	3172	3182	rVB	42806	63854	4.06%	0.690%
23	22.483	3298	3301	3307	rBV7	12180	18573	1.18%	0.201%
24	22.689	3331	3336	3343	rBV2	61115	121803	7.74%	1.316%
25	23.182	3415	3420	3426	rVB5	18048	34396	2.19%	0.372%
26	23.893	3535	3541	3549	rBV	35242	93869	5.96%	1.014%
27	24.622	3659	3665	3678	rVB2	23127	68146	4.33%	0.736%
28	24.763	3683	3689	3696	rBV2	22475	63022	4.00%	0.681%
29	24.922	3706	3716	3727	rBV2	239667	724049	46.01%	7.821%
30	29.757	4531	4539	4542	rBV4	9636	22427	1.43%	0.242%

Sum of corrected areas: 9258247

LSC Report - Integrated Chromatogram

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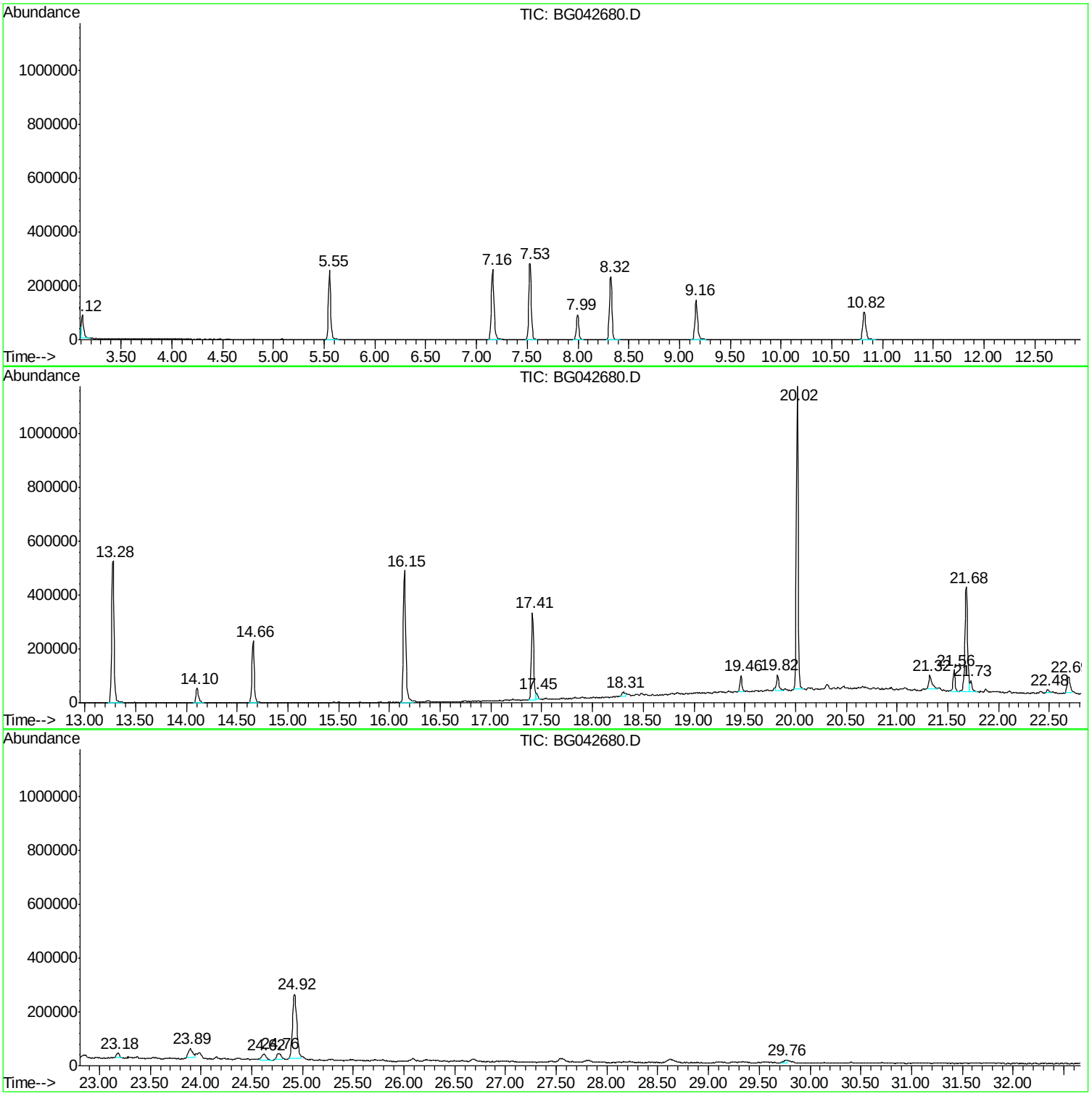
Sample : K4579-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PAR-12-A1-A4-(0-3.5)

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\BG090119\
Data File : BG042680.D
Acq On : 2 Sep 2019 2:59
Operator : HP/JU
Sample : K4579-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PAR-12-A1-A4-(0-3.5)

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

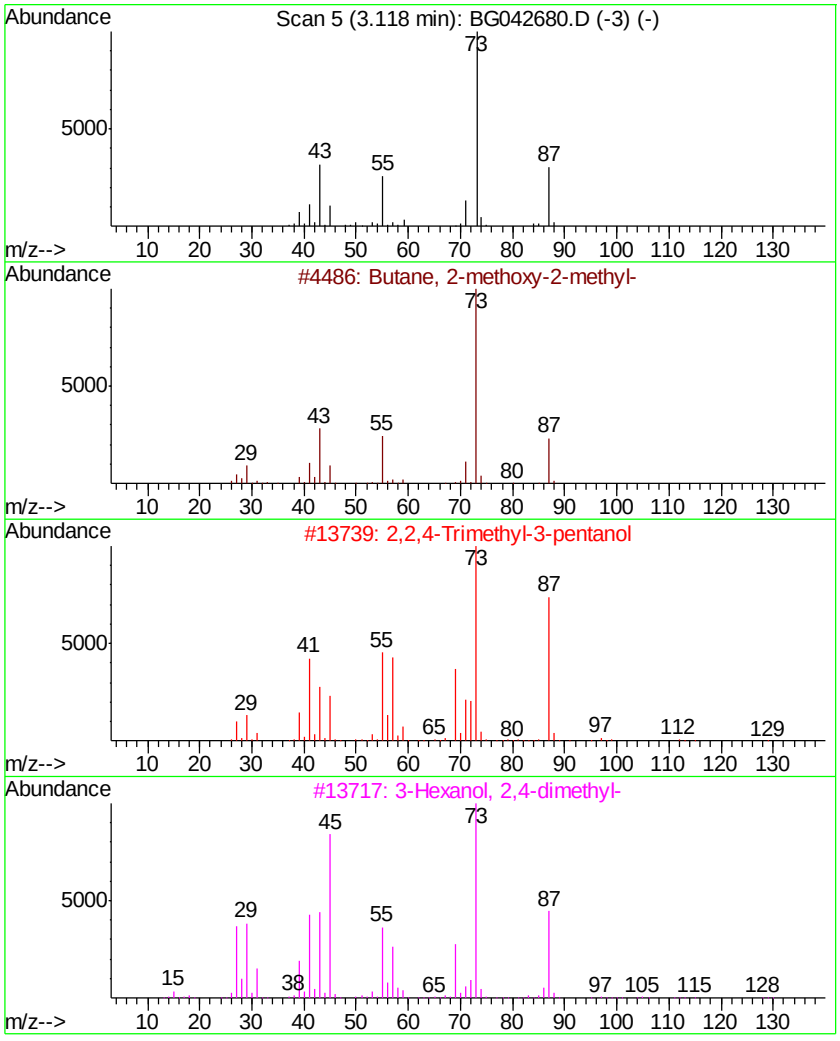
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

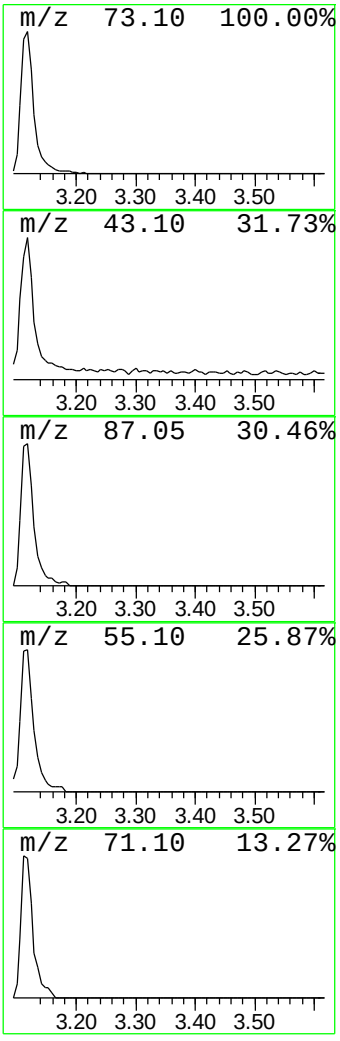
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	14.20 ng	111060	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	38
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BG042680.D
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Operator : HP/JU
Sample : K4579-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PAR-12-A1-A4-(0-3.5)

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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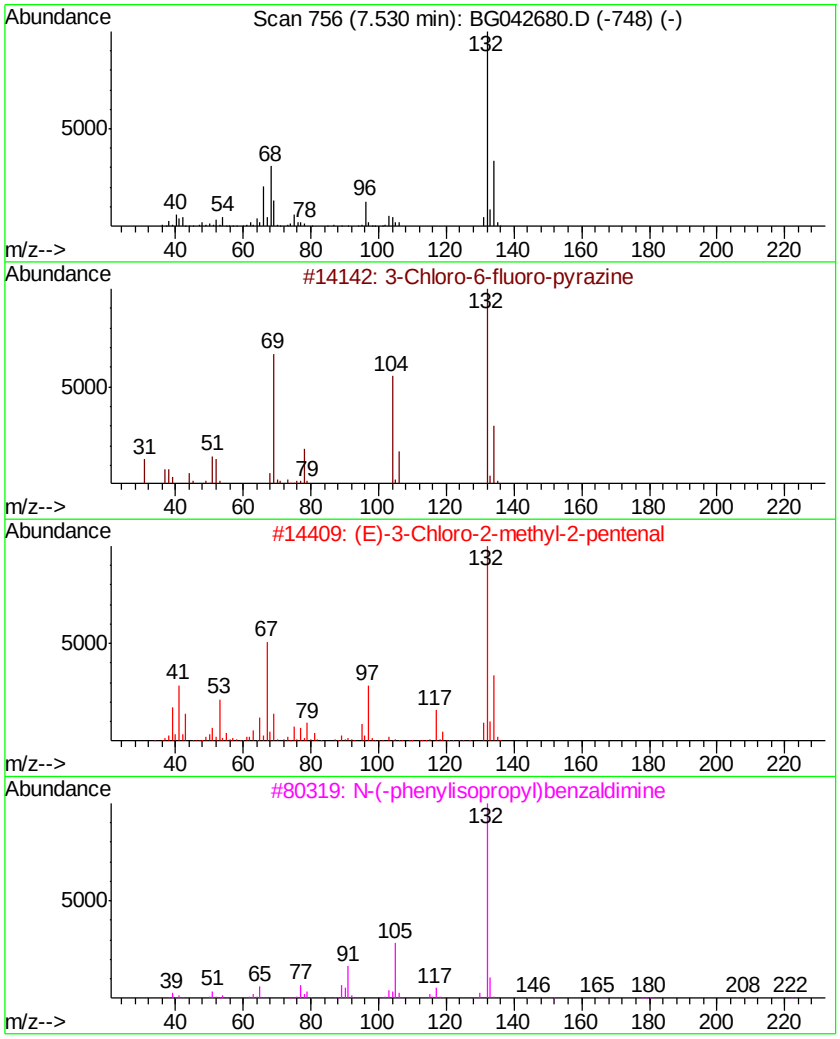
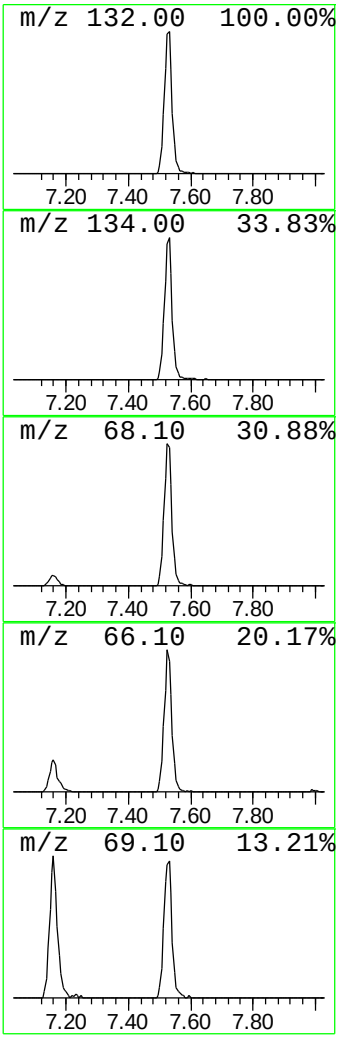
Peak Number 2 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	63.77 ng	498653	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	17
3	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Misc :
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Instrument : BNA_G
ClientSampleId : PAR-12-A1-A4-(0-3.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
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TIC Library : C:\Database\NIST11.L
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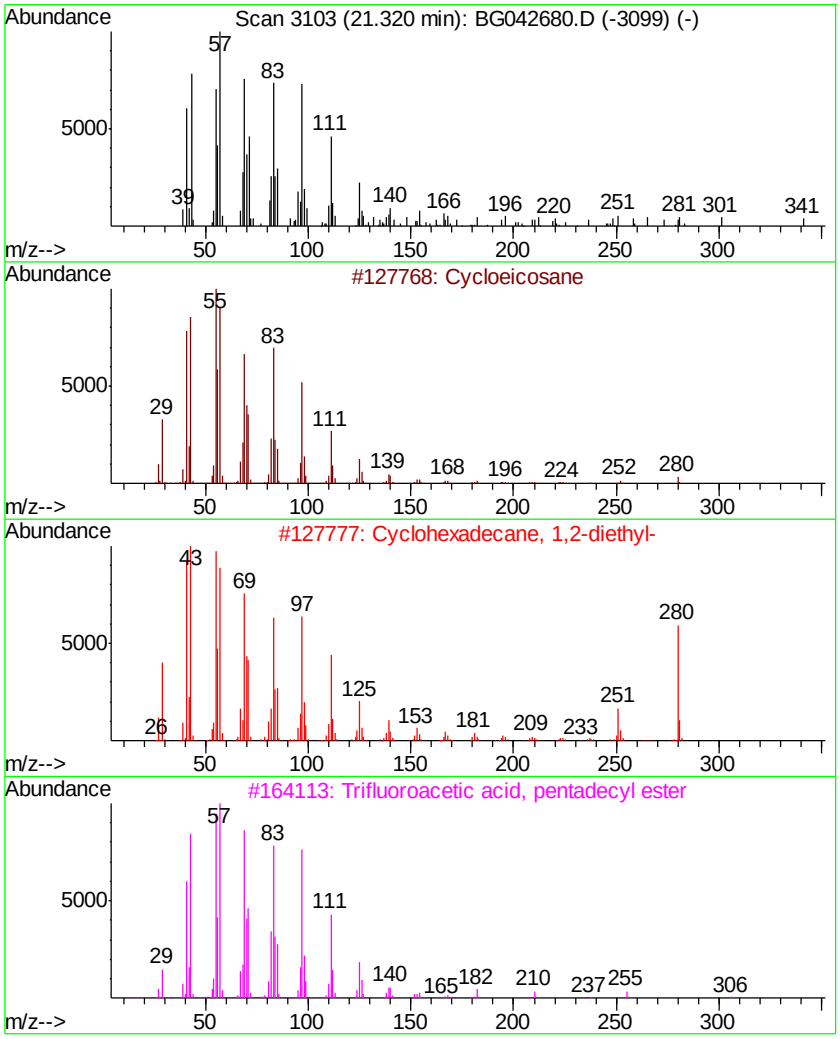
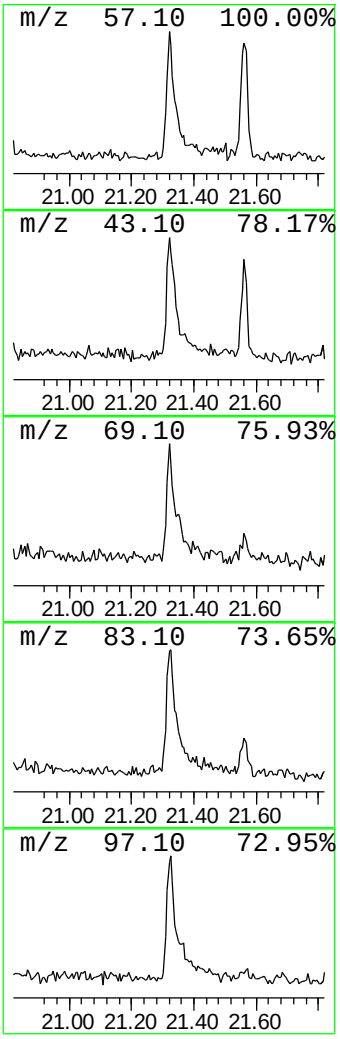
Peak Number 4 Cycloeicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.85 ng	103860	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	99
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	96
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
4	1-Nonadecene	266	C19H38	018435-45-5	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





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Misc :
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Instrument : BNA_G
ClientSampleId : PAR-12-A1-A4-(0-3.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
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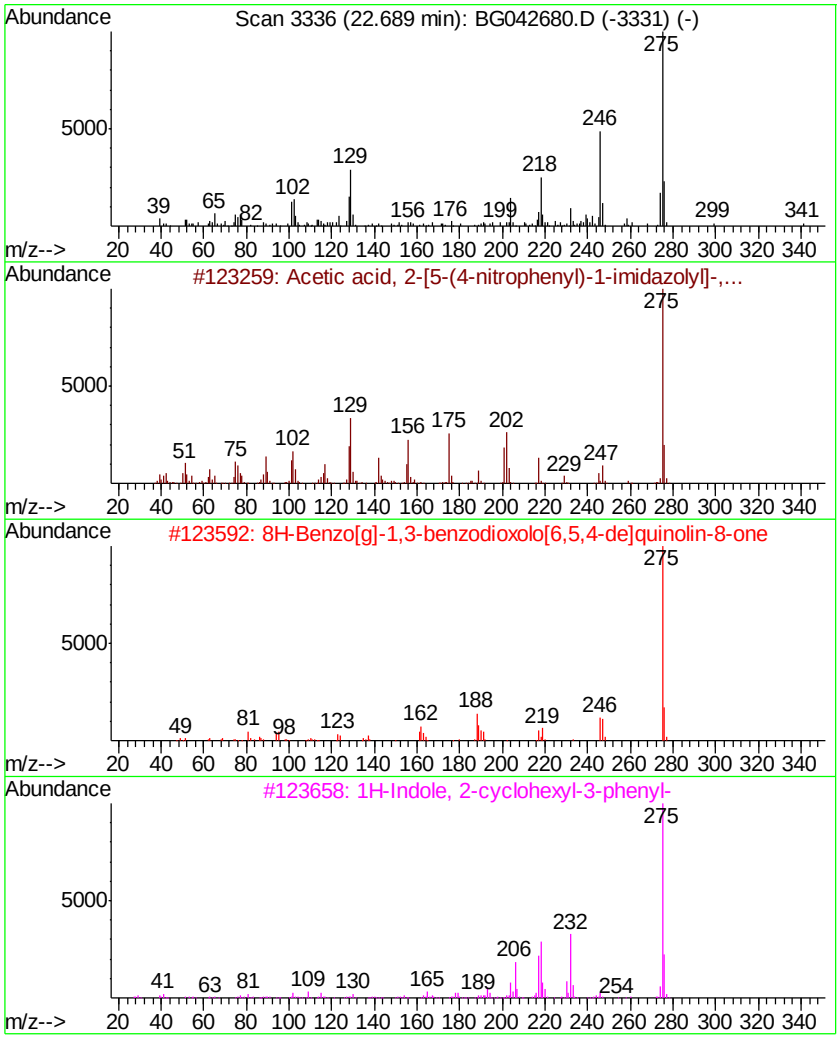
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

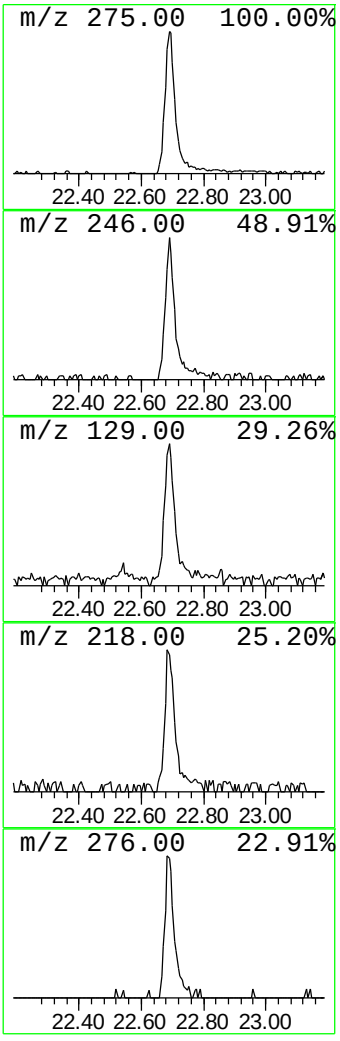
****

Peak Number 5 unknown22.69 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	3.35 ng	121803	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-[5-(4-nitrophenyl...	275	C13H13N3O4	351064-45-4	49
2	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	46
3	1H-Indole, 2-cyclohexyl-3-phenyl-	275	C20H21N	1000163-87-0	43
4	1-Methyl-5'-phenylspiro(indoline...	275	C17H13N3O	015970-21-5	40
5	5H-[1]Benzopyrano[4,3-d]pyrimidi...	275	C16H9N3O2	1000337-49-1	38





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	14.2	ng	111060	1	7.99	156392	20.0
unknown7.53	7.53	63.8	ng	498653	1	7.99	156392	20.0
Cycloeicosane	21.32	2.9	ng	103860	5	21.68	727629	20.0
unknown22.69	22.69	3.4	ng	121803	5	21.68	727629	20.0