LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041013.D
Acq On : 1 Jun 2019 15:32
Operator : HP/JU
Sample : K3111-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-D1-D2-D1A-D2A

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-BG052919.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	3.129	3	7	16	rVV	115347	214010	4.90%	0.872%
2	3.205	16	20	35	rVB	319205	479481	10.97%	1.955%
3	5.655	429	437	447	rBV	992095	1582012	36.20%	6.449%
4	7.265	702	711	724	rBV	1078656	1877111	42.96%	7.652%
5	7.647	767	776	786	rBV	1016912	1748858	40.02%	7.129%
6	8.123	848	857	866	rBV	209047	367963	8.42%	1.500%
7	8.440	904	911	920	rBV	728870	1267199	29.00%	5.166%
8	9.298	1048	1057	1070	rBV	662218	1193162	27.30%	4.864%
9	10.943	1328	1337	1348	rBV	277262	510801	11.69%	2.082%
10	13.376	1743	1751	1759	rBV	1827528	2879938	65.90%	11.740%
11	14.192	1884	1890	1900	rBV	232692	349862	8.01%	1.426%
12	14.751	1978	1985	1993	rBV2	470055	774392	17.72%	3.157%
13	16.237	2230	2238	2251	rBV	1534120	2428468	55.57%	9.900%
14	17.494	2445	2452	2458	rBV2	683501	1024885	23.45%	4.178%
15	18.346	2590	2597	2611	rBV	201037	322825	7.39%	1.316%
16	19.610	2808	2812	2821	rBV2	53601	81407	1.86%	0.332%
17	20.091	2887	2894	2899	rBV	3318540	4369900	100.00%	17.814%
18	21.366	3106	3111	3130	rBV	207971	363936	8.33%	1.484%
19	21.772	3173	3180	3189	rBV	675420	1125607	25.76%	4.589%
20	22.541	3307	3311	3316	rBV2	34783	57564	1.32%	0.235%
21	23.252	3426	3432	3438	rBV2	48853	86310	1.98%	0.352%
22	24.081	3566	3573	3584	rBV3	57919	132811	3.04%	0.541%
23	25.109	3733	3748	3762	rVB3	365023	1180882	27.02%	4.814%
24	26.231	3930	3939	3949	rVB4	34635	110972	2.54%	0.452%

Sum of corrected areas: 24530356

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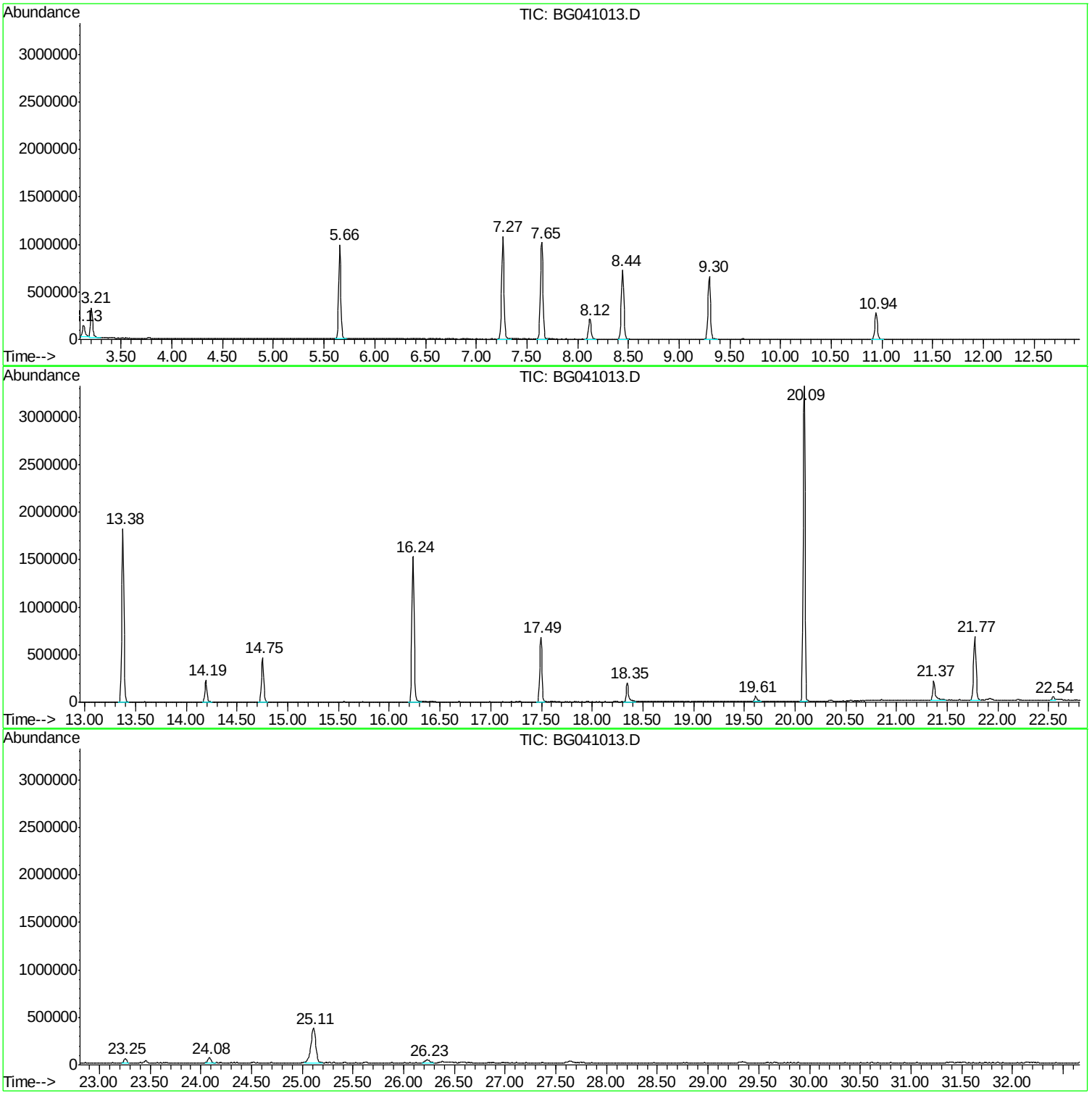
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D1-D2-D1A-D2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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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Operator : HP/JU
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Instrument : BNA_G
ClientSampleId : FK-BPM-01-D1-D2-D1A-D2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

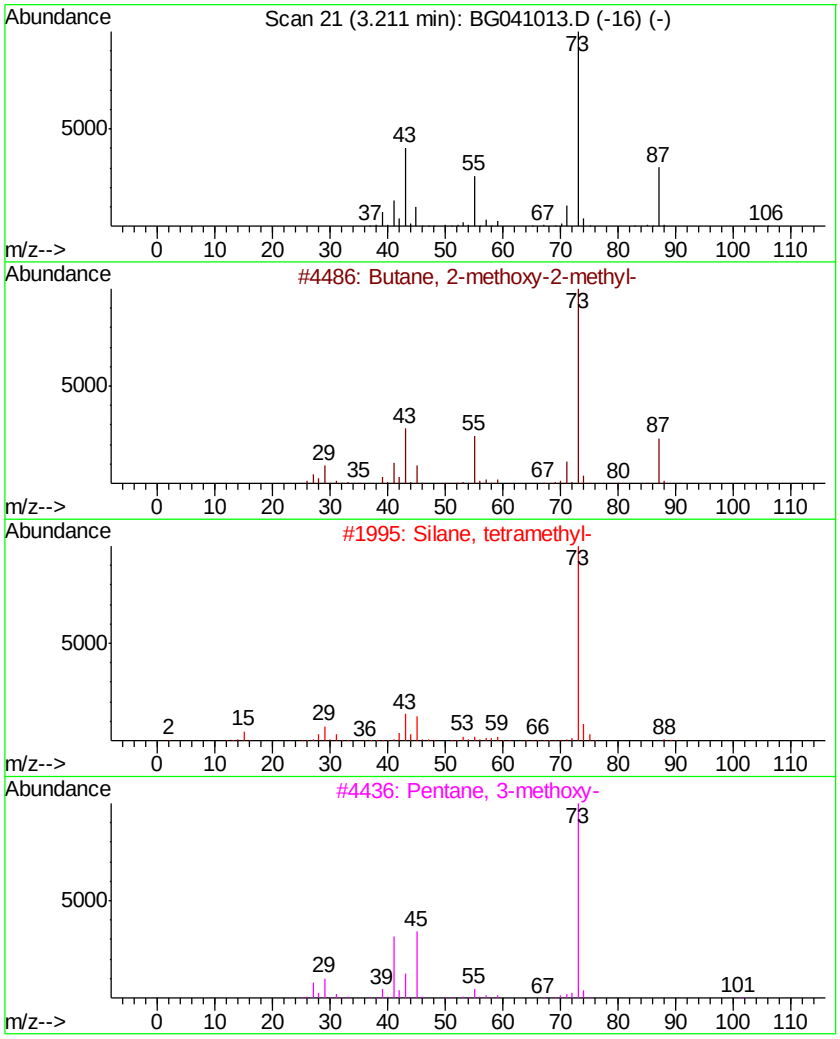
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

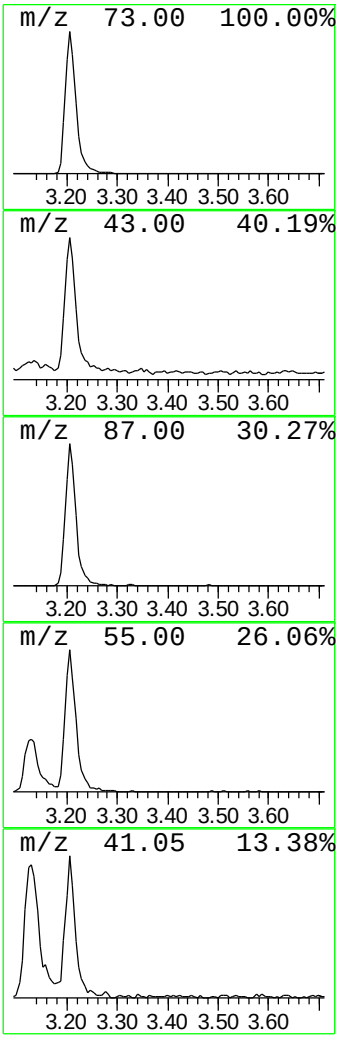
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	26.06 ng	479481	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : HP/JU
Sample : K3111-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-D1-D2-D1A-D2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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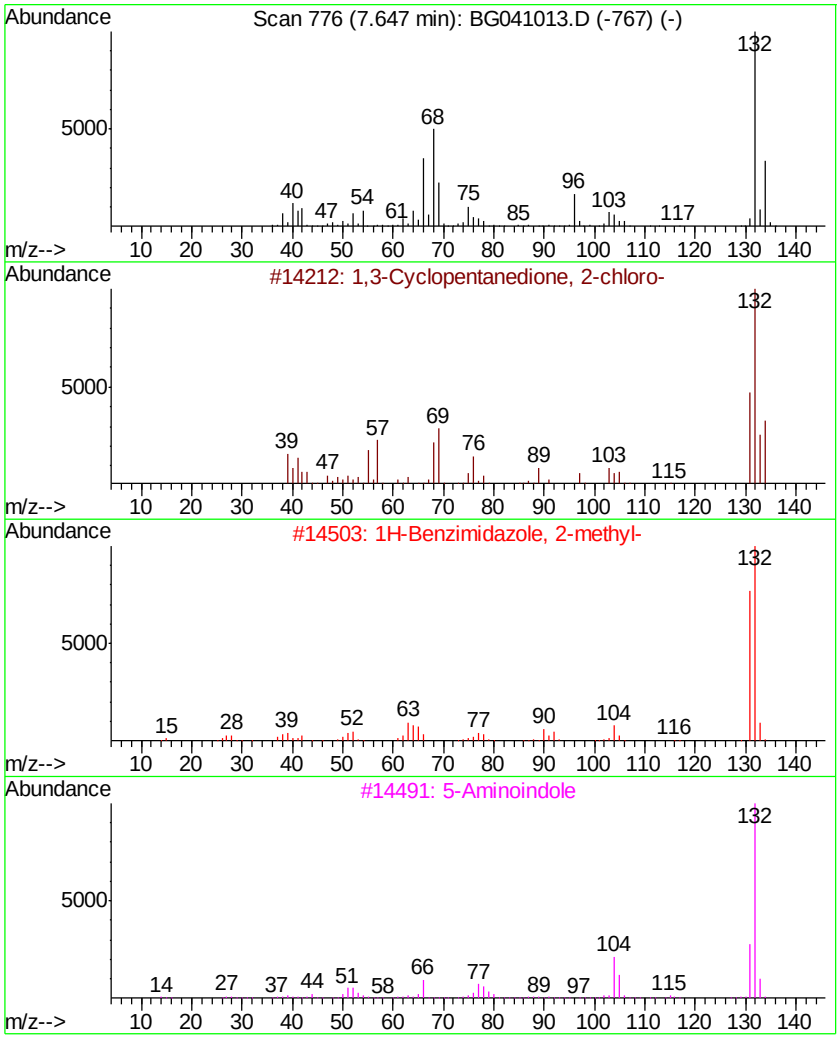
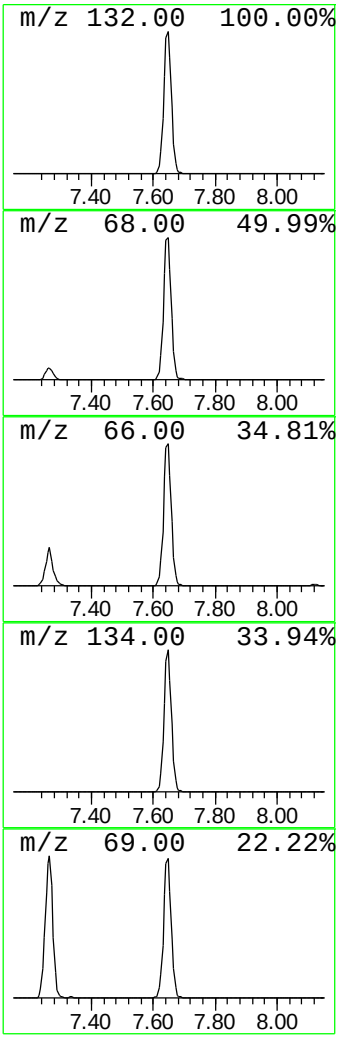
****

Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	95.06 ng	1748860	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14





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Operator : HP/JU
Sample : K3111-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-D1-D2-D1A-D2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
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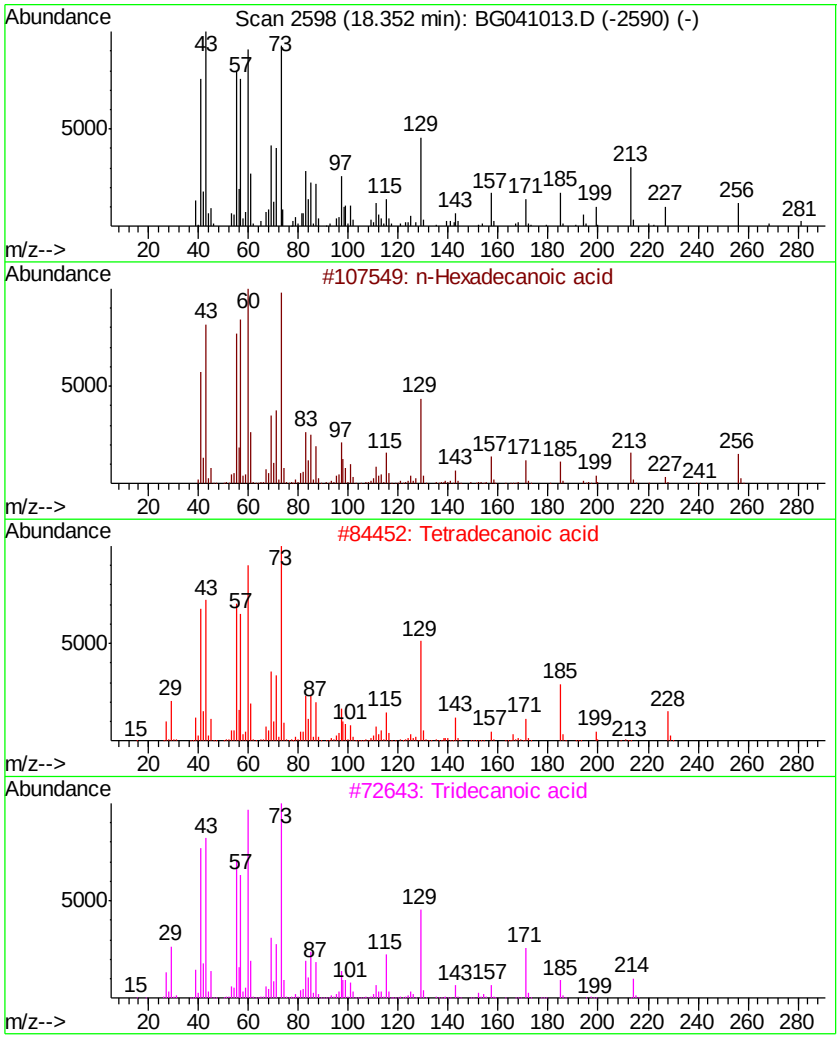
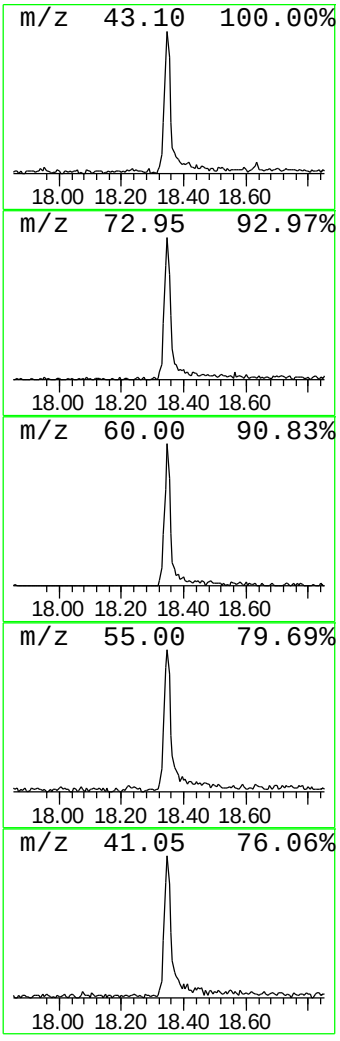
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	6.30 ng	322825	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-D1-D2-D1A-D2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
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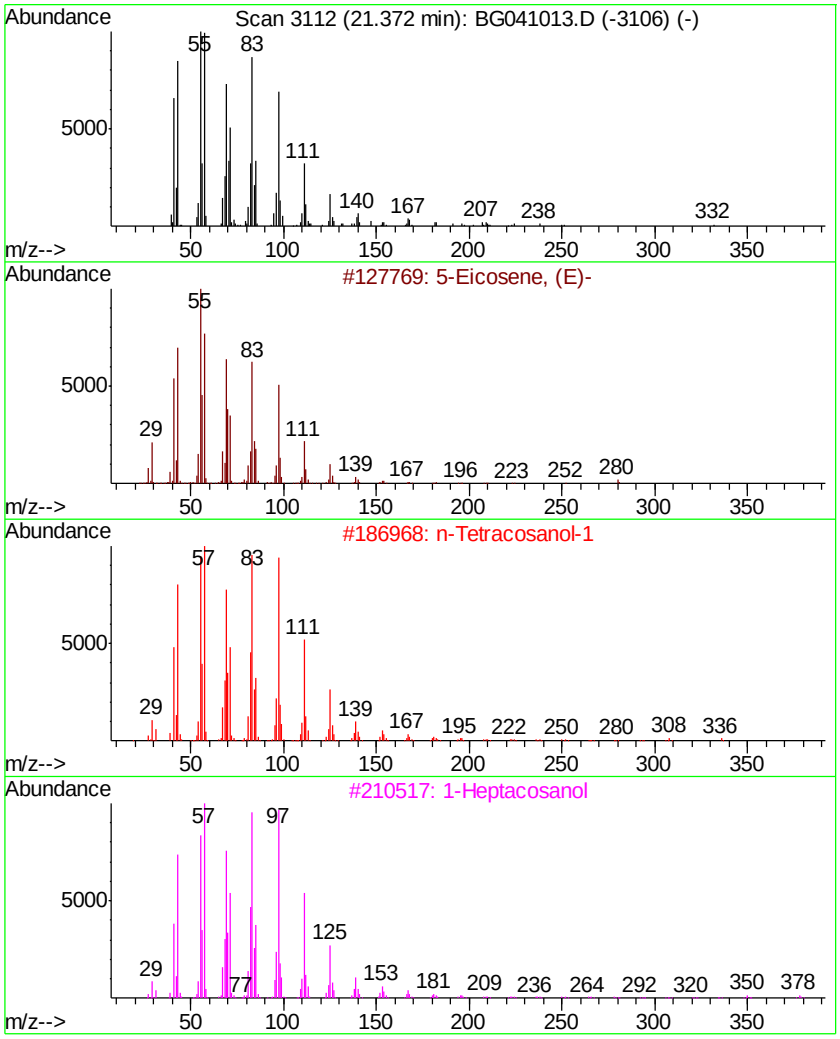
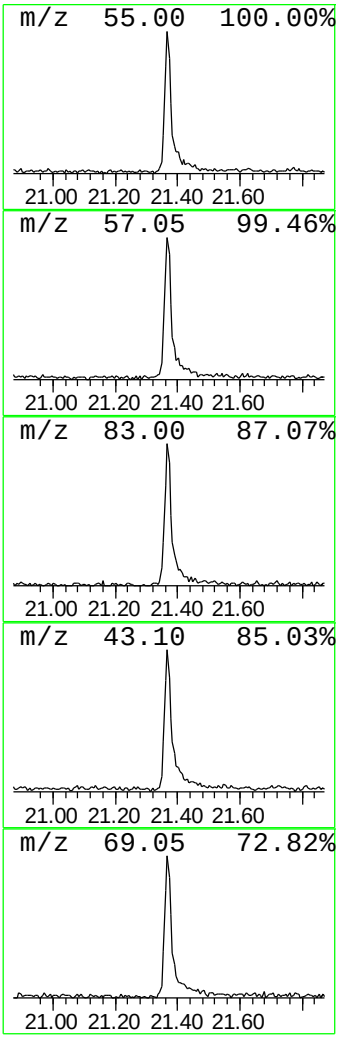
****

Peak Number 6 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	6.47 ng	363936	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





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Operator : HP/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-D1-D2-D1A-D2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

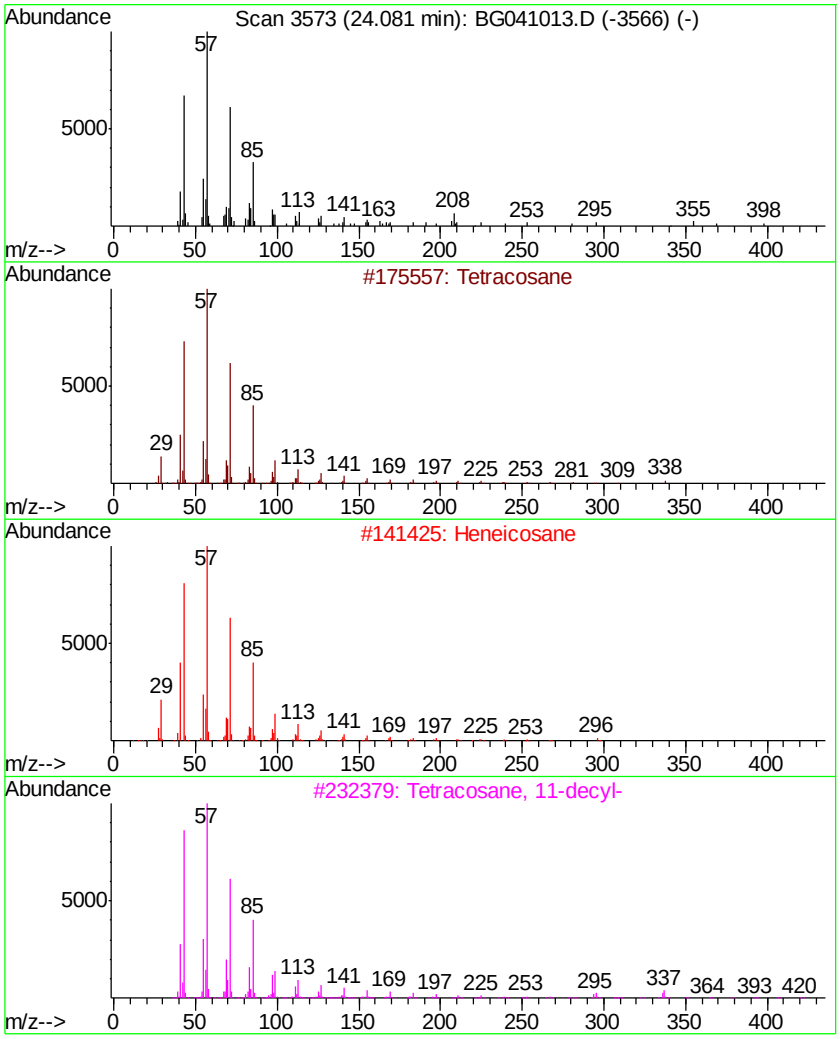
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

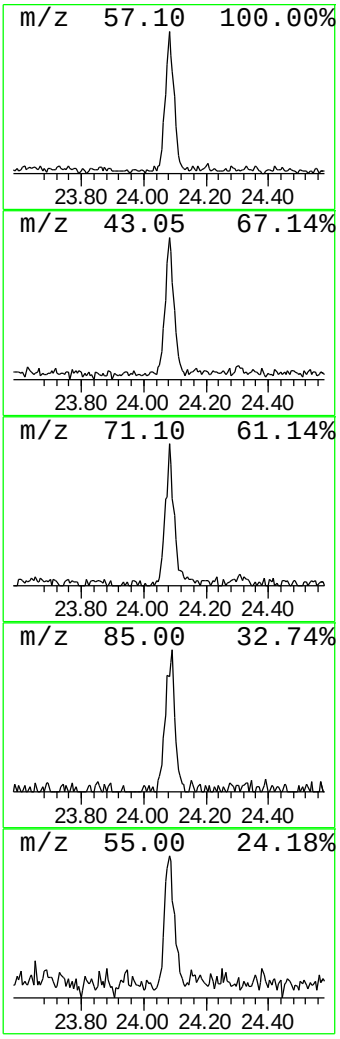
****

Peak Number 7 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	2.25 ng	132811	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	81
2	Heneicosane	296	C21H44	000629-94-7	81
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	81
4	2-methyloctacosane	408	C29H60	1000376-72-8	74
5	Hentriacontane	437	C31H64	000630-04-6	74





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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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...	3.21	26.1	ng	479481	1	8.12	367963	20.0
unknown7.65	7.65	95.1	ng	1748860	1	8.12	367963	20.0
n-Hexadecanoic acid	18.35	6.3	ng	322825	4	17.49	1024890	20.0
5-Eicosene, (E)-	21.37	6.5	ng	363936	5	21.77	1125610	20.0
Tetracosane	24.08	2.3	ng	132811	6	25.11	1180880	20.0