LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035523.D
Acq On : 30 Jun 2018 2:34
Operator : JU/SJ
Sample : J3773-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-119-5(50-52)

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-BG060718.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	5.177	314	321	328	rVB	54130	86294	2.90%	0.656%
2	5.641	393	400	412	rVB	569617	904432	30.44%	6.872%
3	7.227	662	670	681	rBV	620523	1059612	35.67%	8.051%
4	7.597	726	733	743	rBV	560628	960364	32.32%	7.296%
5	8.067	806	813	820	rVB	89072	155440	5.23%	1.181%
6	8.384	860	867	877	rBV	392973	695872	23.42%	5.287%
7	9.224	1003	1010	1020	rBV	348218	624166	21.01%	4.742%
8	10.869	1283	1290	1297	rBV	119022	209546	7.05%	1.592%
9	13.307	1698	1705	1716	rBV	1061841	1615531	54.38%	12.274%
10	14.129	1839	1845	1851	rBV	103322	146940	4.95%	1.116%
11	14.681	1933	1939	1947	rBV3	216638	354058	11.92%	2.690%
12	16.168	2182	2192	2202	rBV	976014	1468433	49.43%	11.157%
13	17.425	2400	2406	2417	rBV	342061	509252	17.14%	3.869%
14	18.306	2551	2556	2565	rBV2	52618	74169	2.50%	0.564%
15	20.027	2843	2849	2855	rBV	2241649	2970993	100.00%	22.572%
16	21.325	3063	3070	3076	rBV4	38572	71045	2.39%	0.540%
17	21.690	3125	3132	3139	rBV	375963	615554	20.72%	4.677%
18	23.370	3411	3418	3425	rVB3	43029	80835	2.72%	0.614%
19	24.915	3669	3681	3691	rBV2	199022	559476	18.83%	4.251%

Sum of corrected areas: 13162012

LSC Report - Integrated Chromatogram

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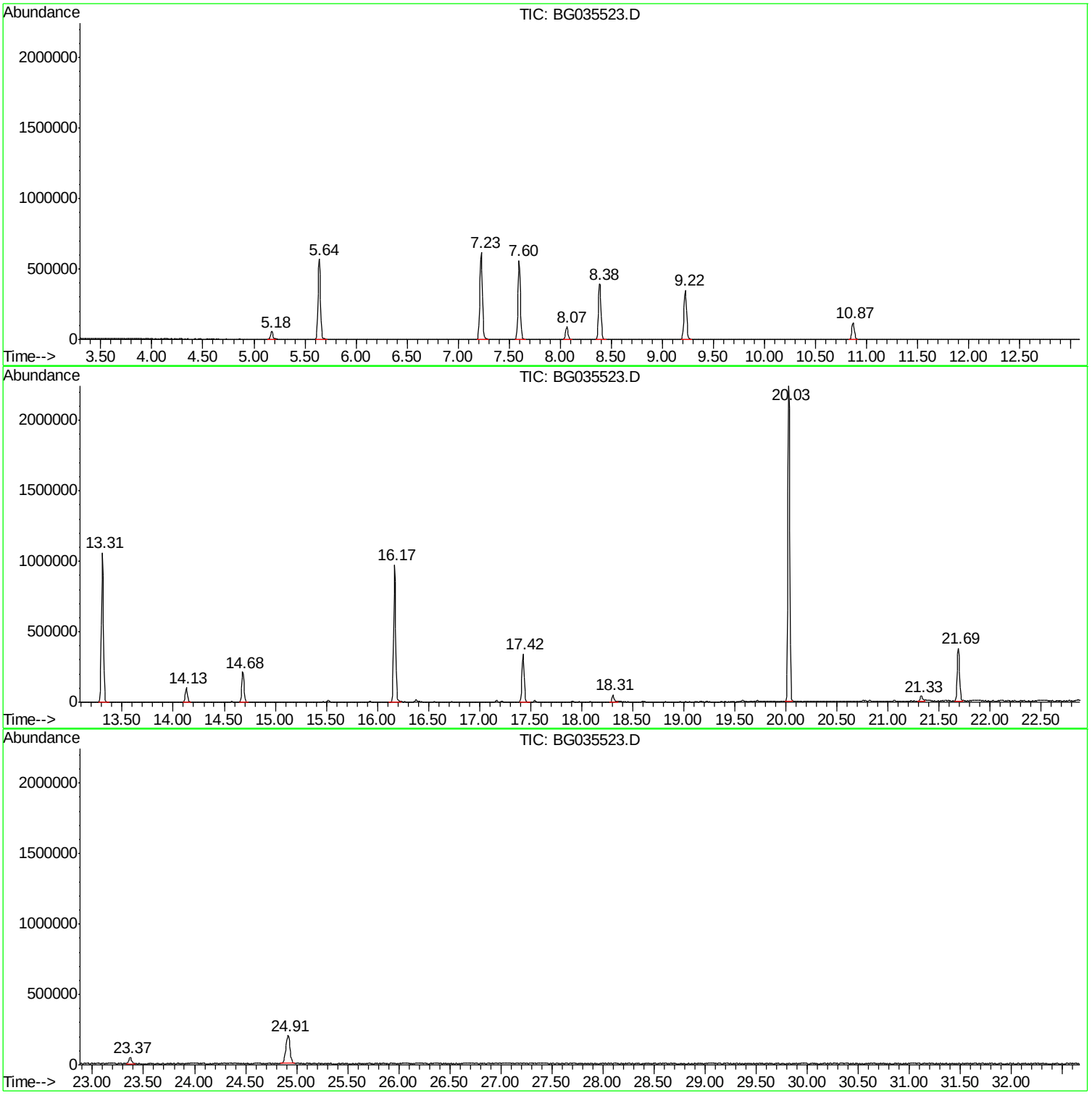
Sample : J3773-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-119-5(50-52)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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\BG062918\
Data File : BG035523.D
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Operator : JU/SJ
Sample : J3773-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-119-5(50-52)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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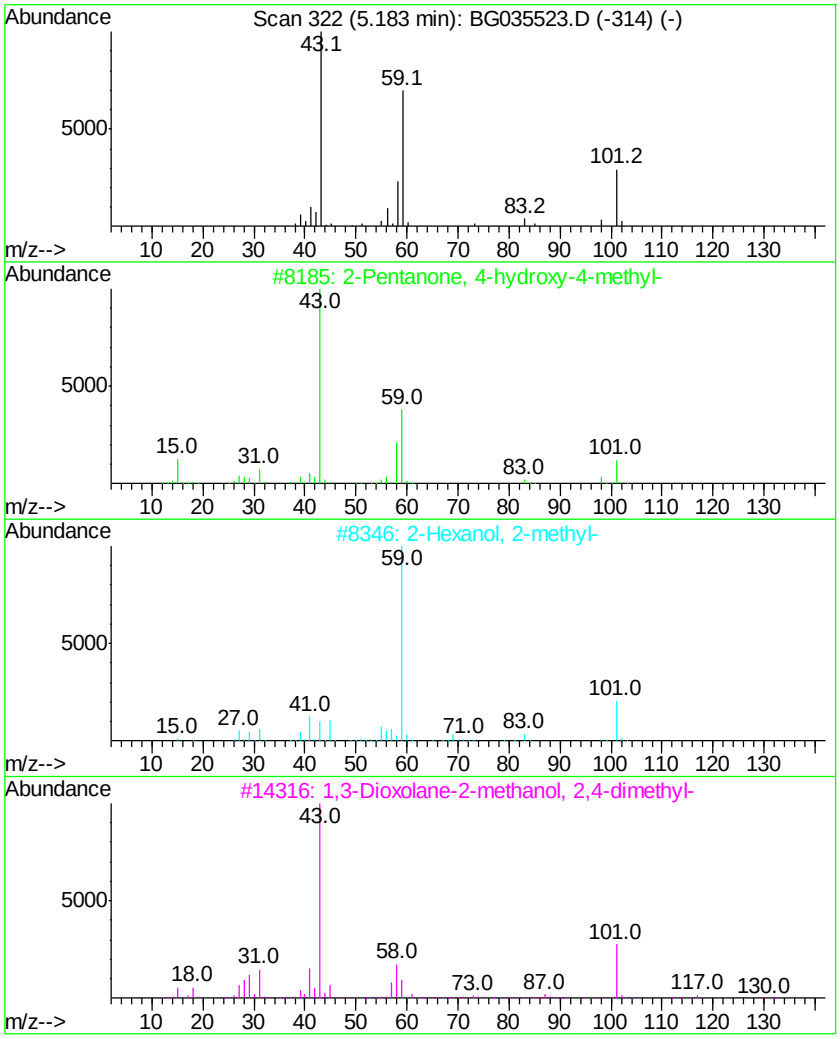
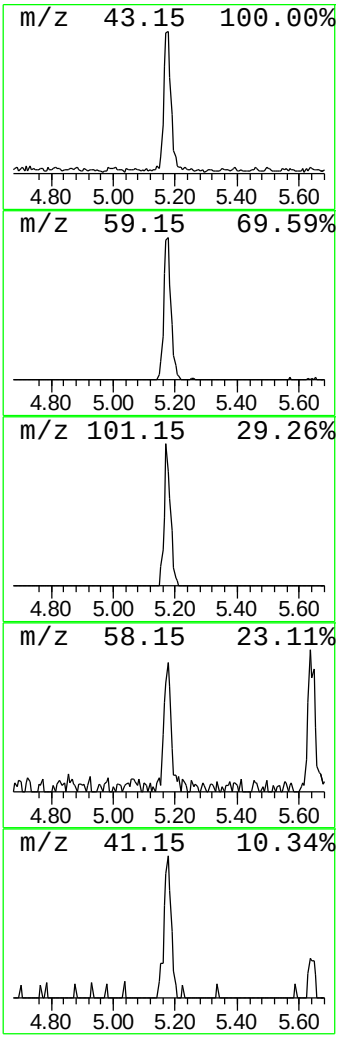
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	11.10 ng	86294	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : EPE-119-5(50-52)

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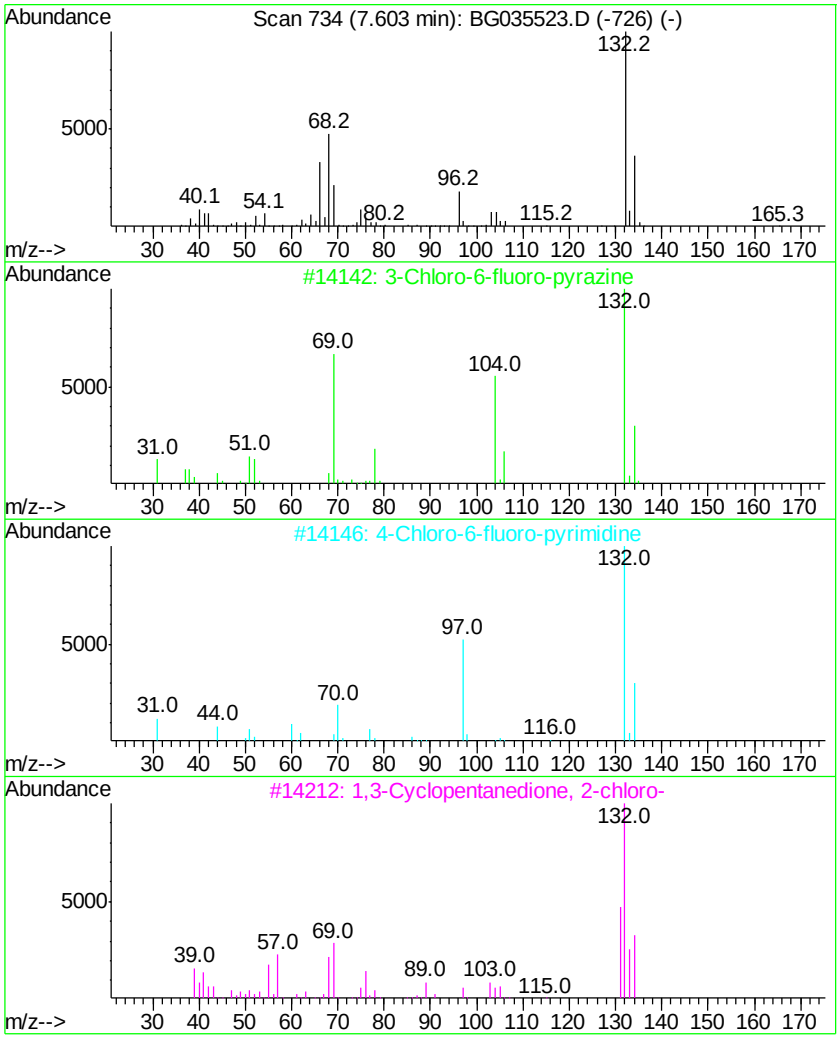
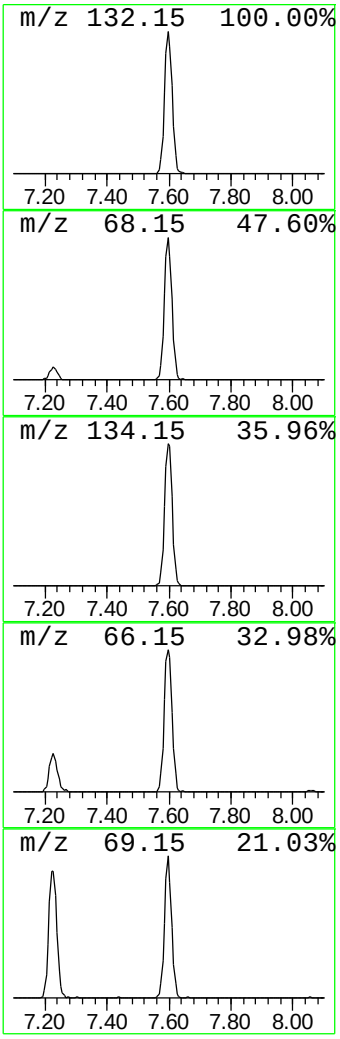
Peak Number 2 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	123.57 ng	960364	1,4-Dichlorobenzene-d4	8.06

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	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22





Library Search Compound Report

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Operator : JU/SJ
Sample : J3773-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-119-5(50-52)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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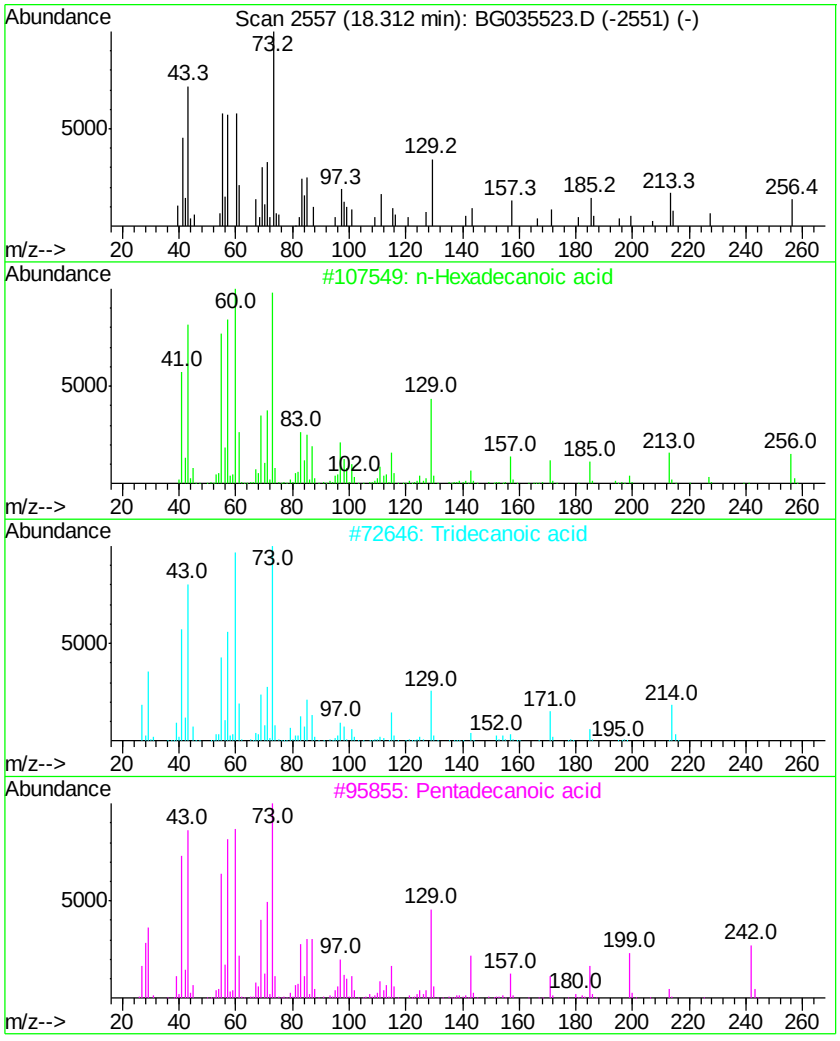
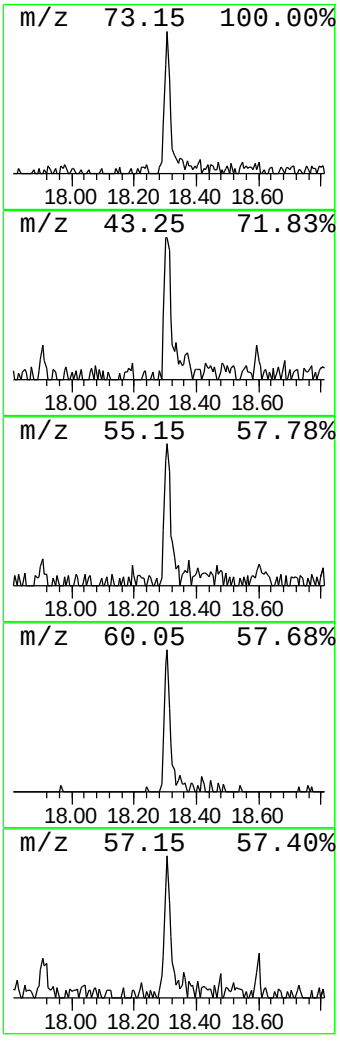
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.91 ng	74169	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47
5	Undecanoic acid	186	C11H22O2	000112-37-8	41





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Sample : J3773-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-119-5(50-52)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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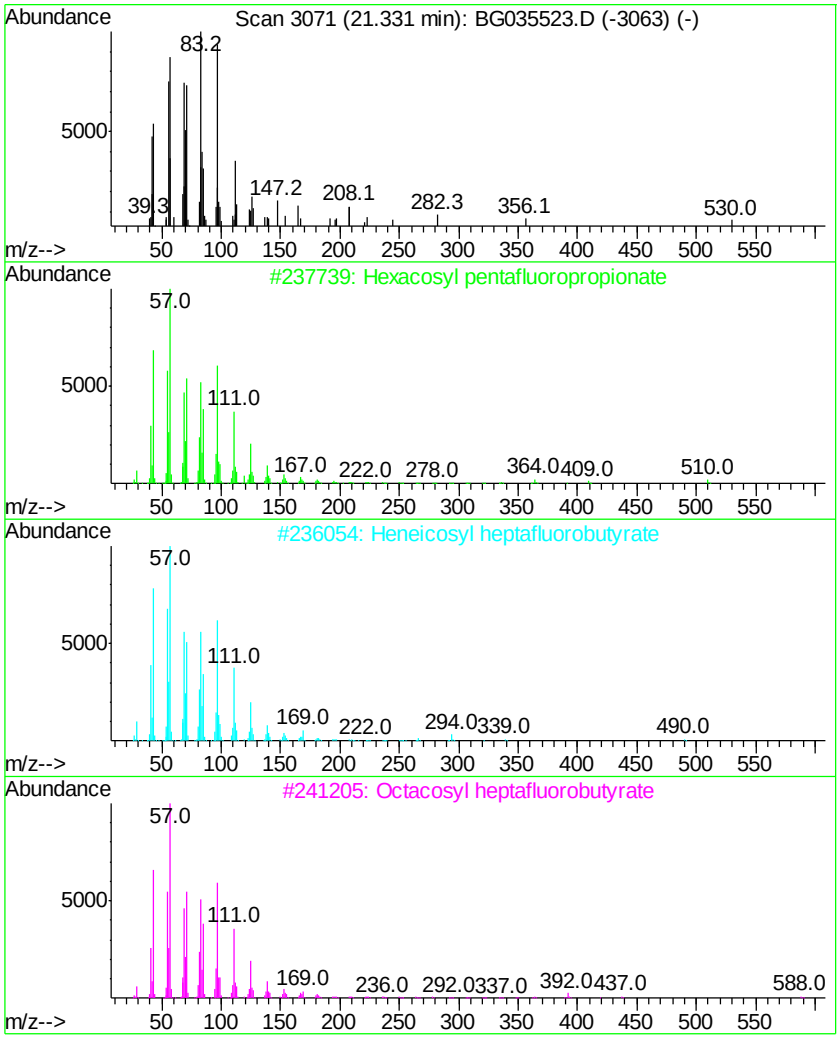
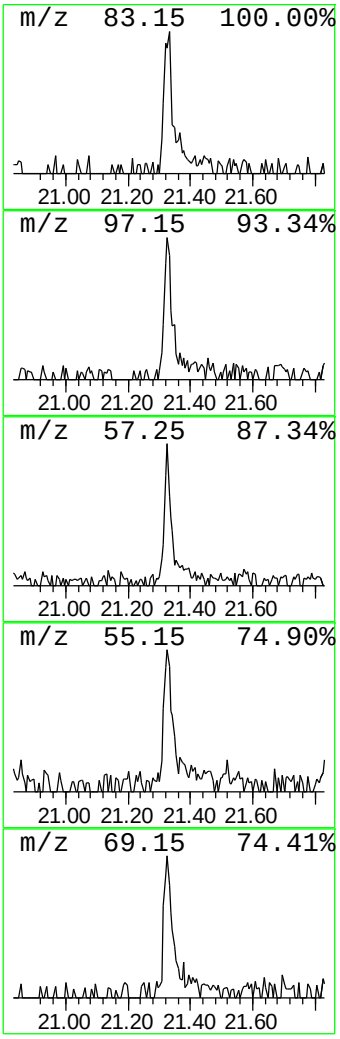
Peak Number 5 Hexacosyl pentafluoropropio... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.31 ng	71045	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	87
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87
3	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	87
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	87
5	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	87





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Misc :
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Instrument : BNA_G
ClientSampleId : EPE-119-5(50-52)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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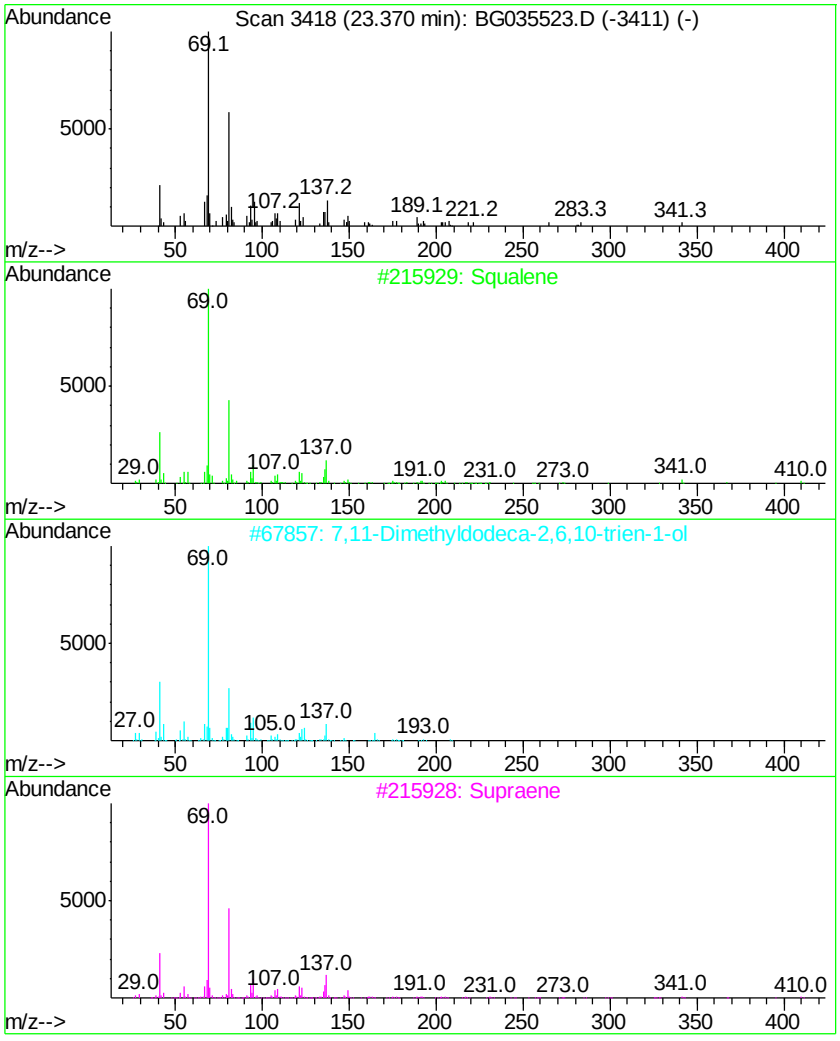
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

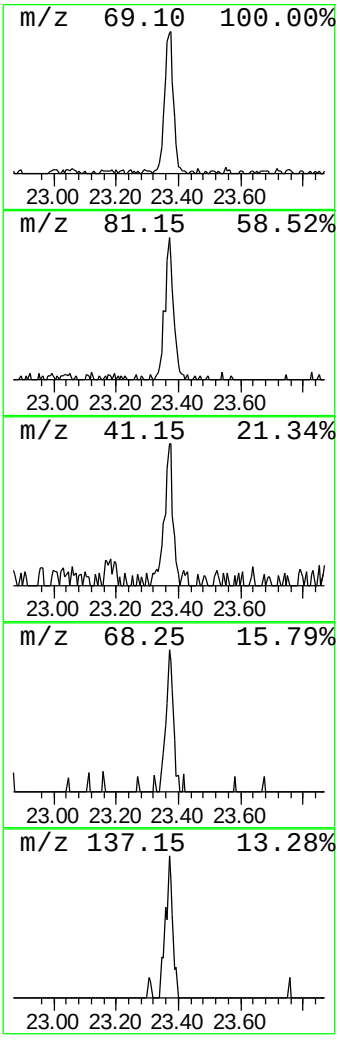
****

Peak Number 6 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	2.89 ng	80835	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	80
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74
3	Supraene	410	C30H50	007683-64-9	72
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	53





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-hy...	5.18	11.1	ng	86294	1	8.06	155440	20.0
unknown7.60	7.60	123.6	ng	960364	1	8.06	155440	20.0
n-Hexadecanoic acid	18.31	2.9	ng	74169	4	17.42	509252	20.0
Hexacosyl pentafl...	21.33	2.3	ng	71045	5	21.69	615554	20.0
Squalene	23.37	2.9	ng	80835	6	24.91	559476	20.0