LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035526.D
Acq On : 30 Jun 2018 4:30
Operator : JU/SJ
Sample : J3774-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(6-8)

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	5.171	315	320	332	rVB	56926	93548	3.46%	0.695%
2	5.641	393	400	417	rVB	506368	805271	29.80%	5.979%
3	7.227	662	670	685	rBV	552201	958200	35.46%	7.115%
4	7.597	725	733	744	rBV	499422	867873	32.12%	6.444%
5	8.067	805	813	819	rBV	116342	195401	7.23%	1.451%
6	8.390	860	868	876	rBV	352516	616767	22.83%	4.580%
7	9.224	1003	1010	1018	rBV	325240	576998	21.35%	4.284%
8	10.869	1283	1290	1298	rBV	156373	280017	10.36%	2.079%
9	13.307	1697	1705	1714	rBV	986984	1517338	56.16%	11.266%
10	14.129	1839	1845	1853	rBV	112372	167110	6.18%	1.241%
11	14.681	1933	1939	1948	rBV2	294508	483818	17.91%	3.592%
12	16.168	2183	2192	2203	rBV	932874	1400032	51.81%	10.395%
13	17.425	2398	2406	2413	rBV	472340	705578	26.11%	5.239%
14	18.306	2551	2556	2562	rBV3	59604	86581	3.20%	0.643%
15	20.027	2843	2849	2859	rBV	2062141	2702005	100.00%	20.063%
16	21.325	3065	3070	3077	rBV	71506	123386	4.57%	0.916%
17	21.690	3125	3132	3143	rVB2	475504	799276	29.58%	5.935%
18	23.176	3378	3385	3391	rVB6	21339	39020	1.44%	0.290%
19	23.370	3410	3418	3425	rBV2	52991	97941	3.62%	0.727%
20	23.981	3515	3522	3529	rVB3	30040	65324	2.42%	0.485%
21	24.915	3671	3681	3697	rVB3	271988	806685	29.86%	5.990%
22	26.054	3865	3875	3887	rBV5	24938	79714	2.95%	0.592%

Sum of corrected areas: 13467883

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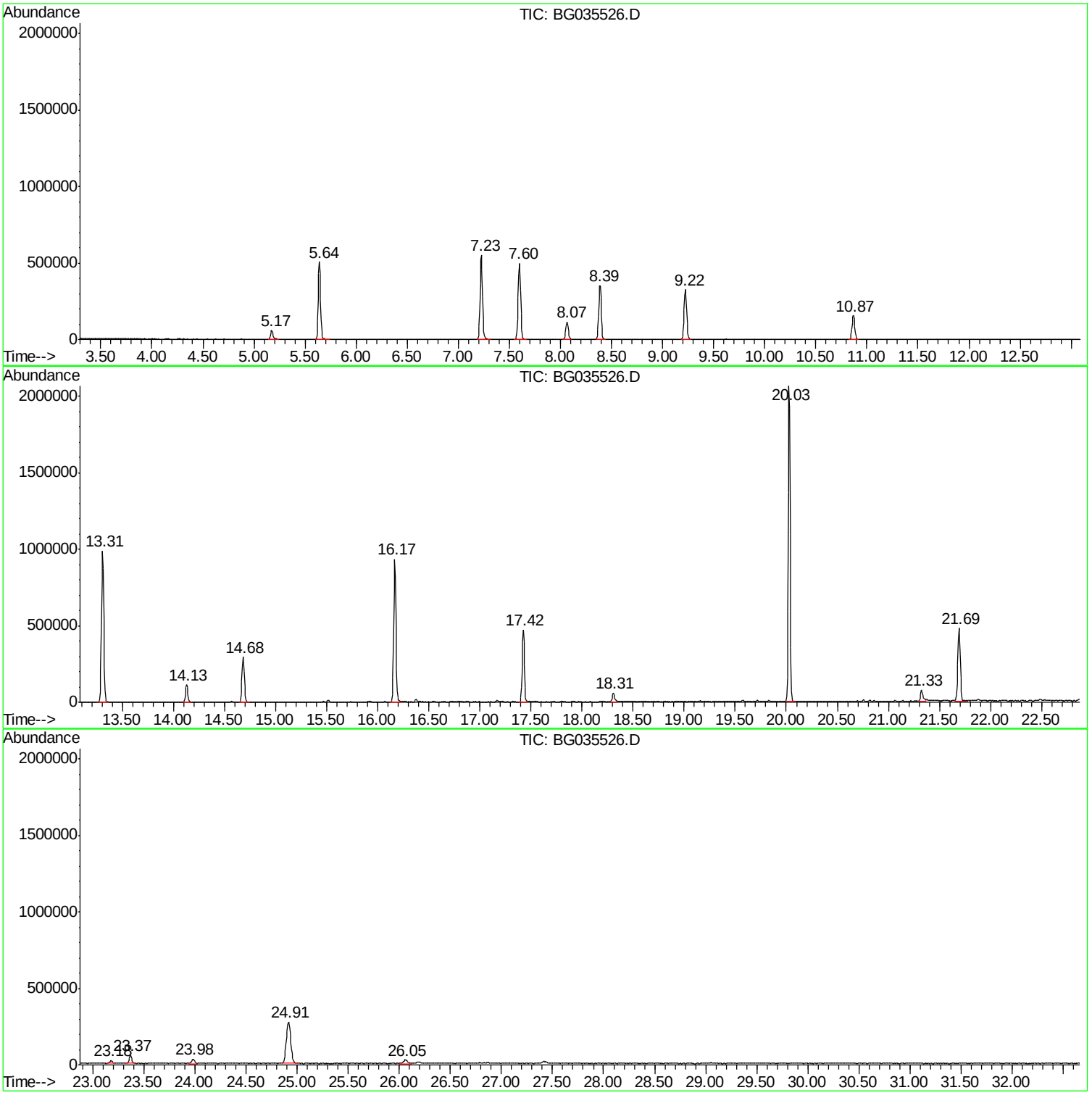
BNA_G
ClientSampleId :
SB-2(6-8)

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

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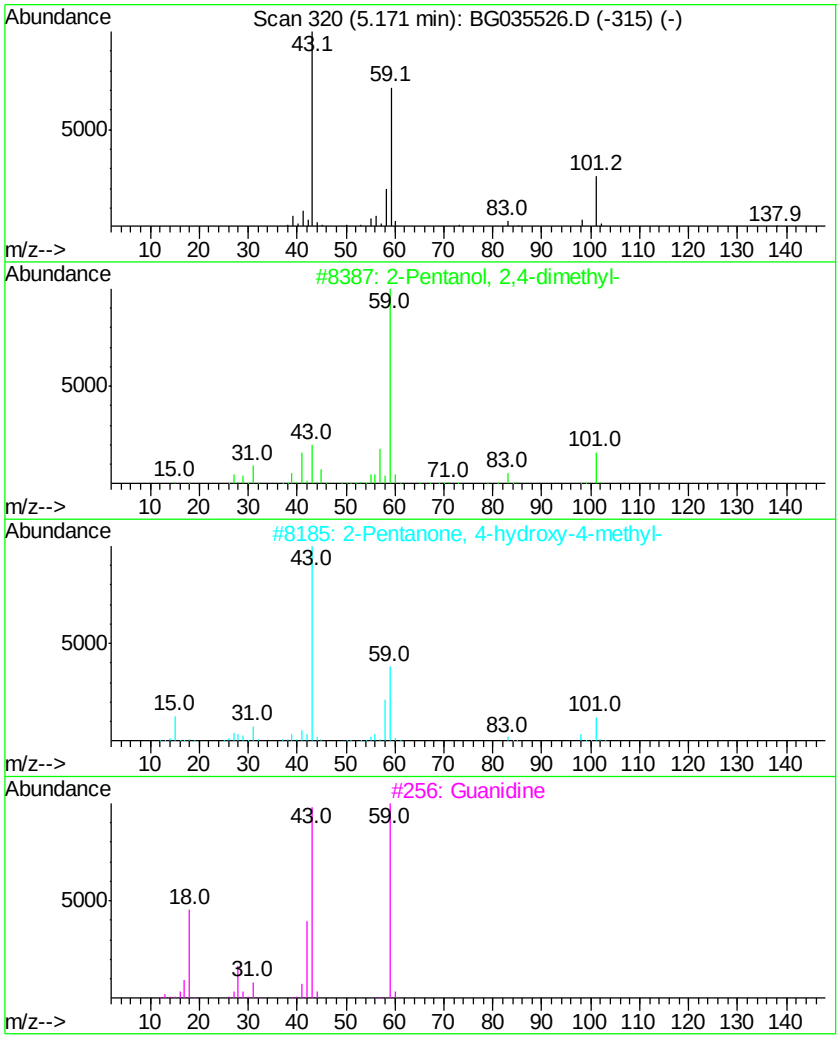
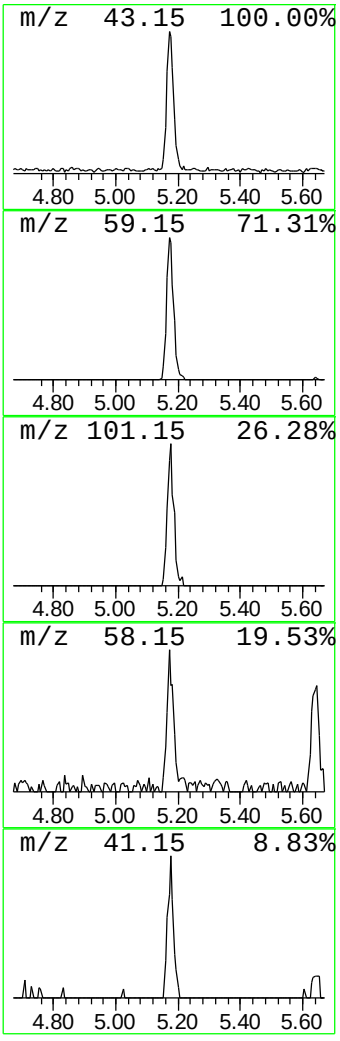
****

Peak Number 1 2-Pentanol, 2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	9.57 ng	93548	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	Guanidine	59	CH5N3	000113-00-8	38
4	Tetraglyme	222	C10H22O5	000143-24-8	28
5	2-Pentanol, 5-methoxy-2-methyl-	132	C7H16O2	055724-04-4	25





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Instrument : BNA_G
ClientSampleId : SB-2(6-8)

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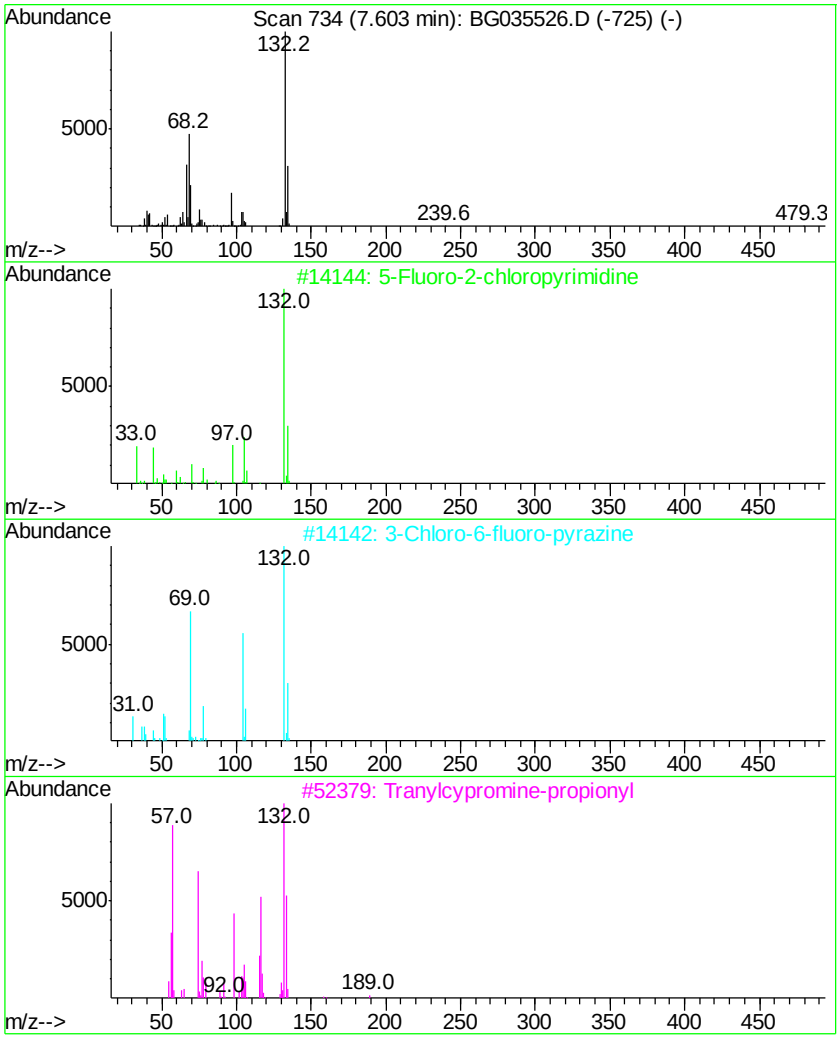
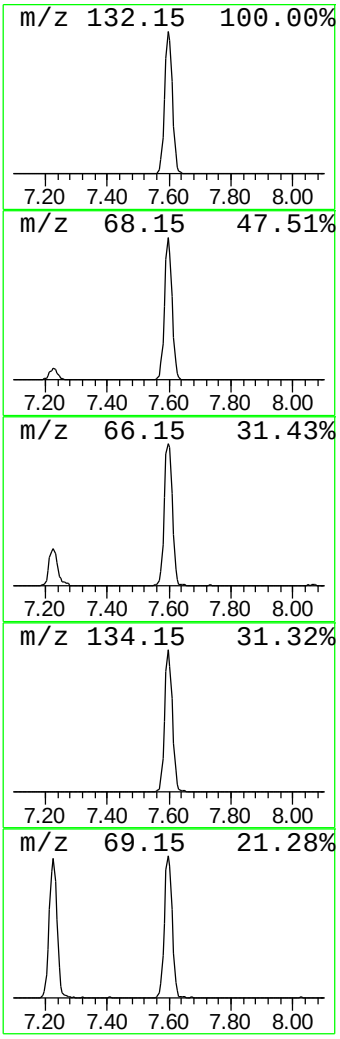
Peak Number 2 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	88.83 ng	867873	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-2(6-8)

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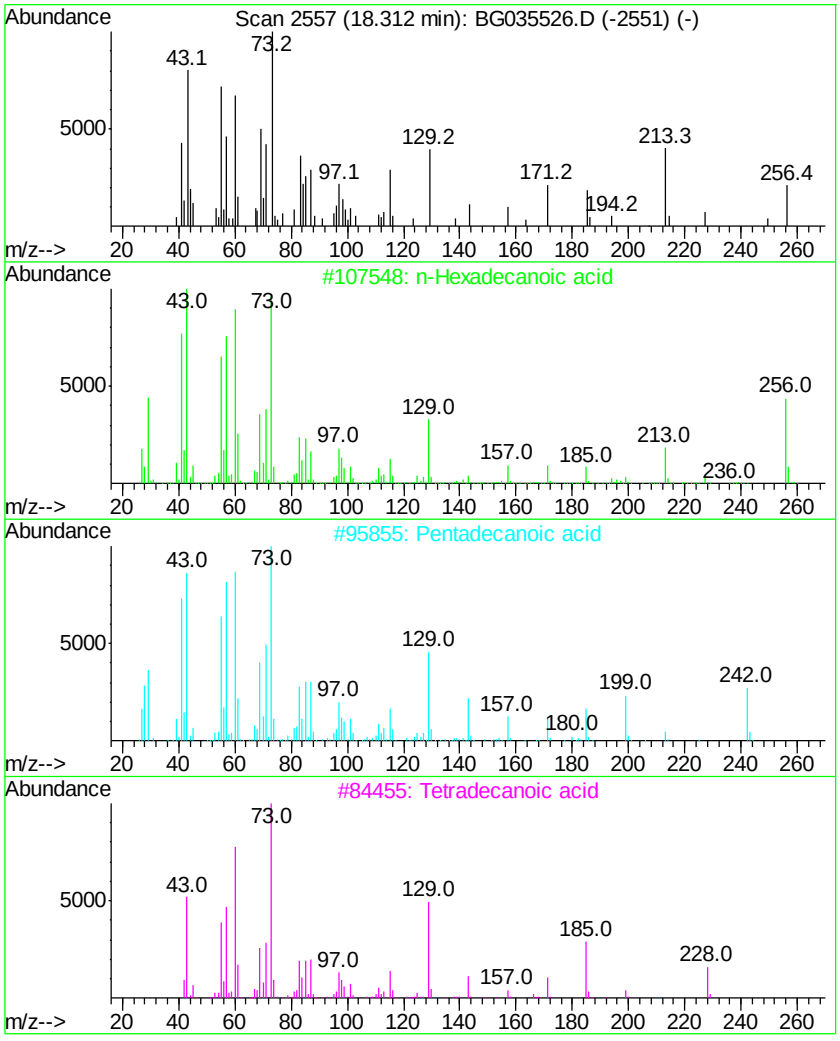
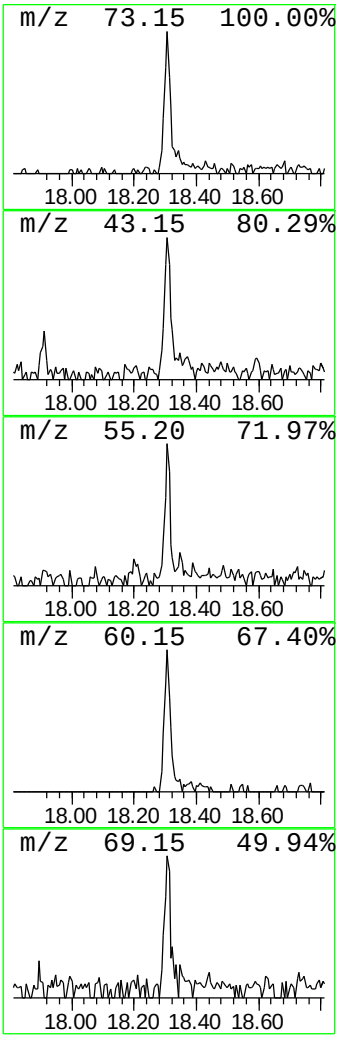
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.45 ng	86581	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	43





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Instrument : BNA_G
ClientSampleId : SB-2(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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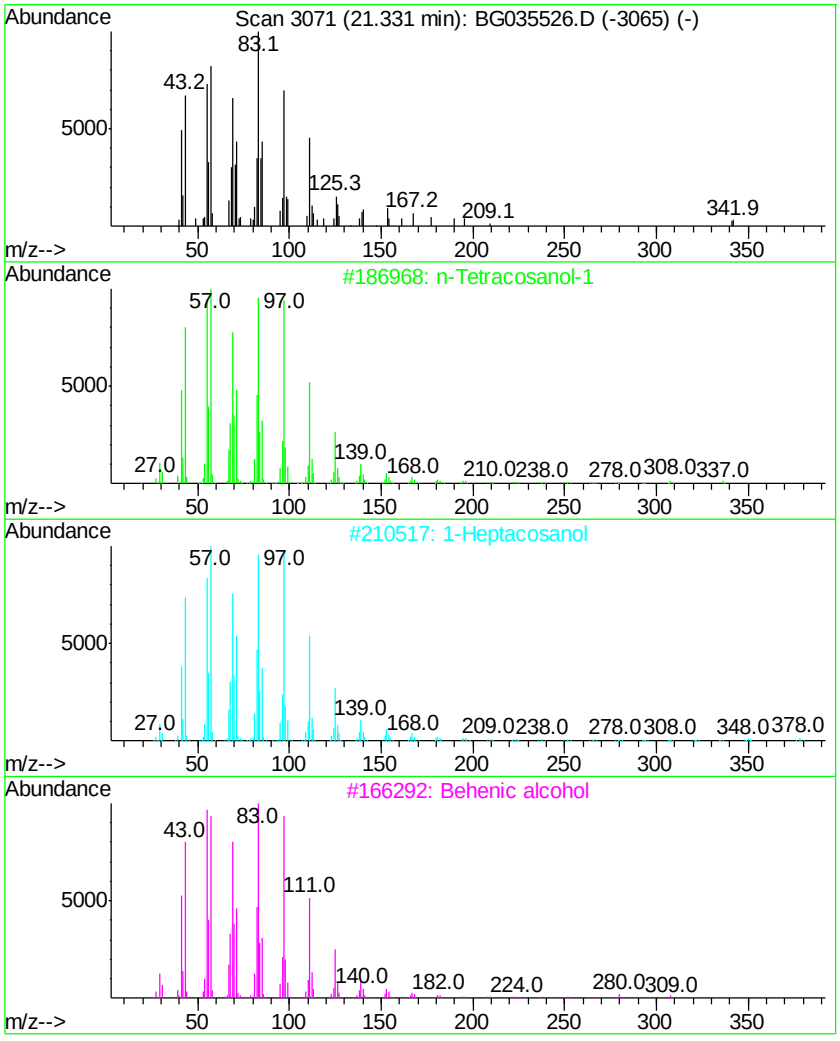
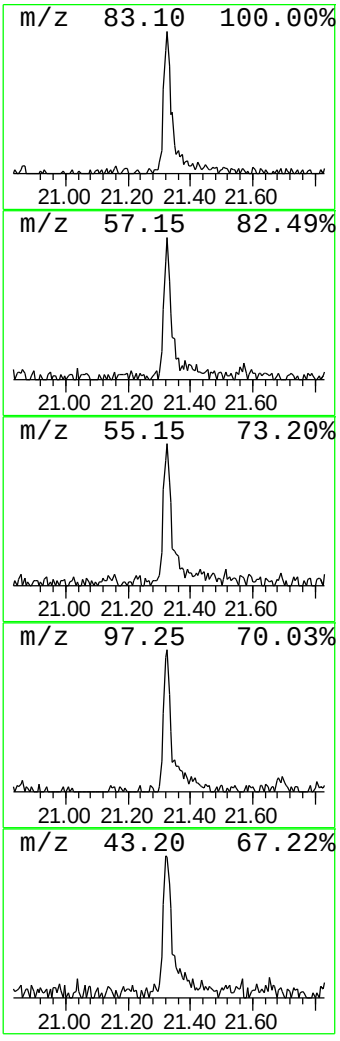
Peak Number 5 n-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	3.09 ng	123386	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	83
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	83





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Instrument : BNA_G
ClientSampleId : SB-2(6-8)

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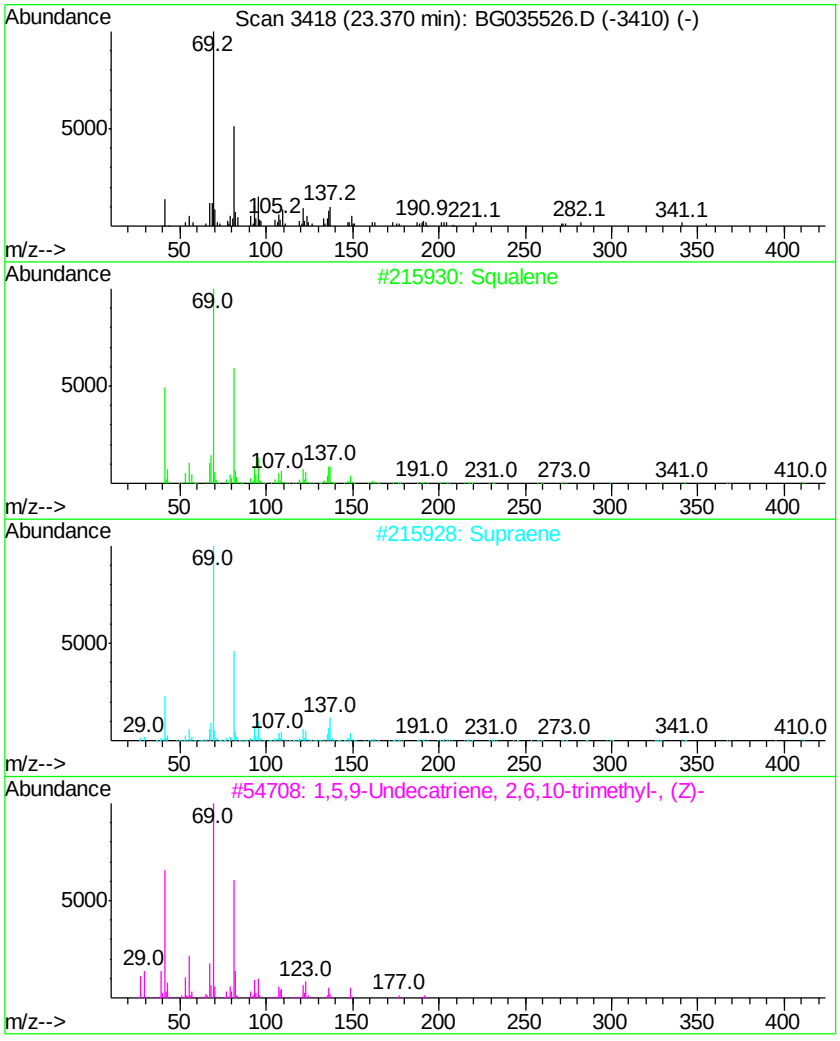
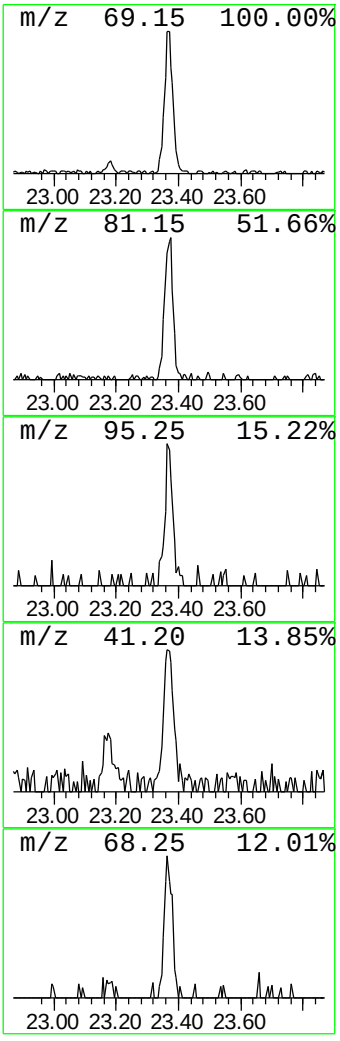
****

Peak Number 6 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	2.43 ng	97941	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	90
2	Supraene	410	C30H50	007683-64-9	87
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	80
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	72





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanol, 2,4-d...	5.17	9.6	ng	93548	1	8.07	195401	20.0
unknown7.60	7.60	88.8	ng	867873	1	8.07	195401	20.0
n-Hexadecanoic acid	18.31	2.5	ng	86581	4	17.42	705578	20.0
n-Tetracosanol-1	21.33	3.1	ng	123386	5	21.69	799276	20.0
Squalene	23.37	2.4	ng	97941	6	24.91	806685	20.0