LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033250.D
Acq On : 19 Mar 2018 21:36
Operator : SJ/JU
Sample : J1953-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 031418-TIDO-F-D-B

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:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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	3.499	30	36	46	rBV2	144986	286944	7.46%	1.872%
2	3.587	46	51	64	rVB	89045	154613	4.02%	1.009%
3	6.313	508	515	529	rBV2	124123	303217	7.88%	1.978%
4	6.848	601	606	617	rBV	38139	98678	2.57%	0.644%
5	8.005	797	803	819	rBV2	73171	250520	6.51%	1.634%
6	8.405	863	871	883	rBV	293629	672019	17.47%	4.384%
7	8.893	946	954	970	rBV2	85763	223249	5.80%	1.456%
8	9.228	1001	1011	1024	rBV	496760	996487	25.91%	6.500%
9	10.091	1152	1158	1181	rBV	389614	928309	24.13%	6.055%
10	11.778	1437	1445	1464	rBV	135174	314835	8.18%	2.054%
11	14.139	1837	1847	1861	rBV	1297090	2293933	59.64%	14.963%
12	14.927	1976	1981	1987	rBV2	35931	62079	1.61%	0.405%
13	15.508	2074	2080	2092	rBV2	281440	506101	13.16%	3.301%
14	16.272	2206	2210	2216	rVB	43157	61569	1.60%	0.402%
15	16.725	2282	2287	2292	rBV2	40512	53738	1.40%	0.351%
16	16.983	2324	2331	2345	rBV	802977	1423008	36.99%	9.282%
17	17.130	2352	2356	2362	rVB2	33903	53736	1.40%	0.351%
18	18.241	2537	2545	2556	rBV	449431	775285	20.16%	5.057%
19	19.034	2676	2680	2689	rBV3	70994	114611	2.98%	0.748%
20	20.761	2967	2974	2984	rBV	2791937	3846580	100.00%	25.091%
21	22.107	3199	3203	3212	rBV6	30925	63368	1.65%	0.413%
22	22.594	3279	3286	3298	rVB	448374	880709	22.90%	5.745%
23	24.486	3600	3608	3614	rVB3	64723	139322	3.62%	0.909%
24	26.390	3919	3932	3946	rBV2	244621	827381	21.51%	5.397%

Sum of corrected areas: 15330291

LSC Report - Integrated Chromatogram

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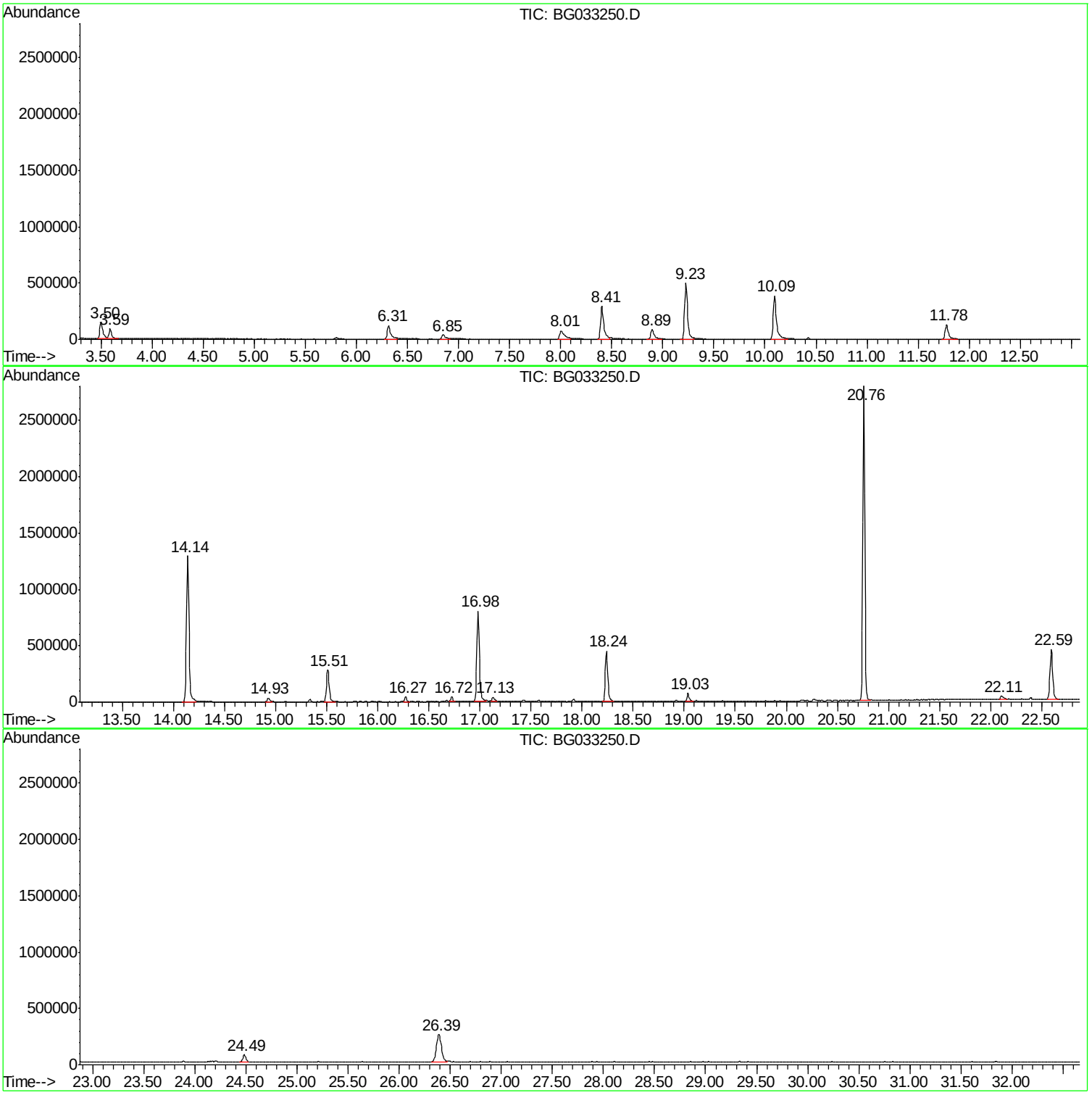
Operator : SJ/JU
Sample : J1953-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 031418-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033250.D
Acq On : 19 Mar 2018 21:36
Operator : SJ/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : 031418-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

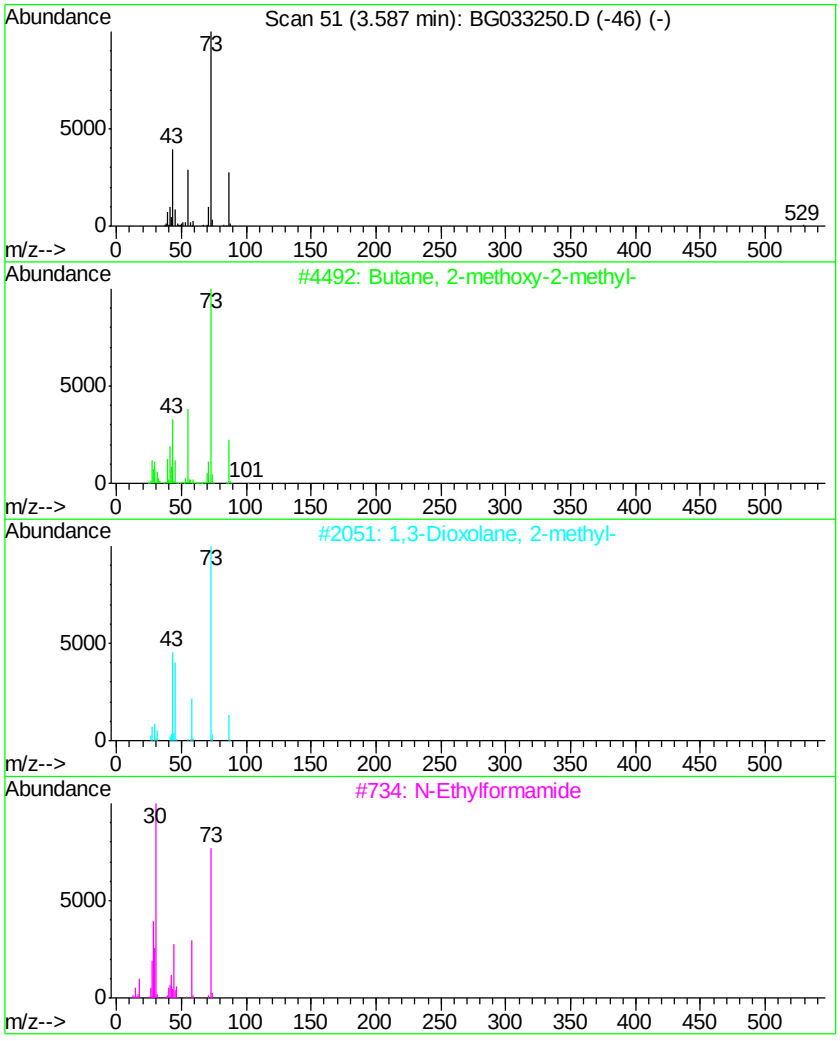
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

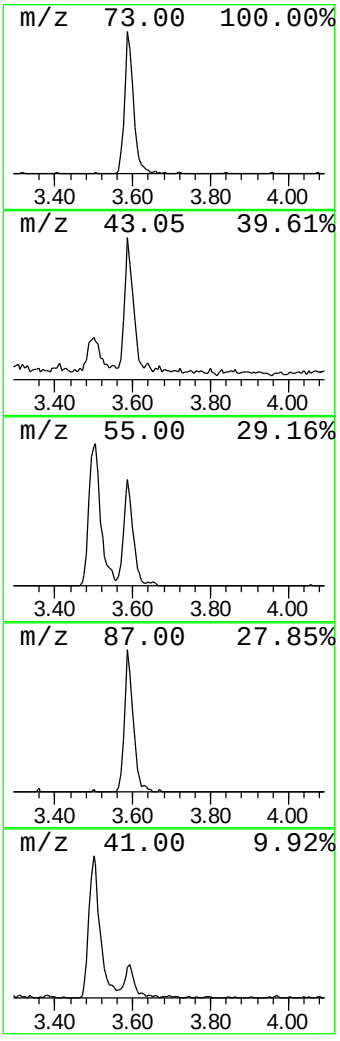
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	13.85 ng	154613	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





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Data File : BG033250.D
Acq On : 19 Mar 2018 21:36
Operator : SJ/JU
Sample : J1953-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 031418-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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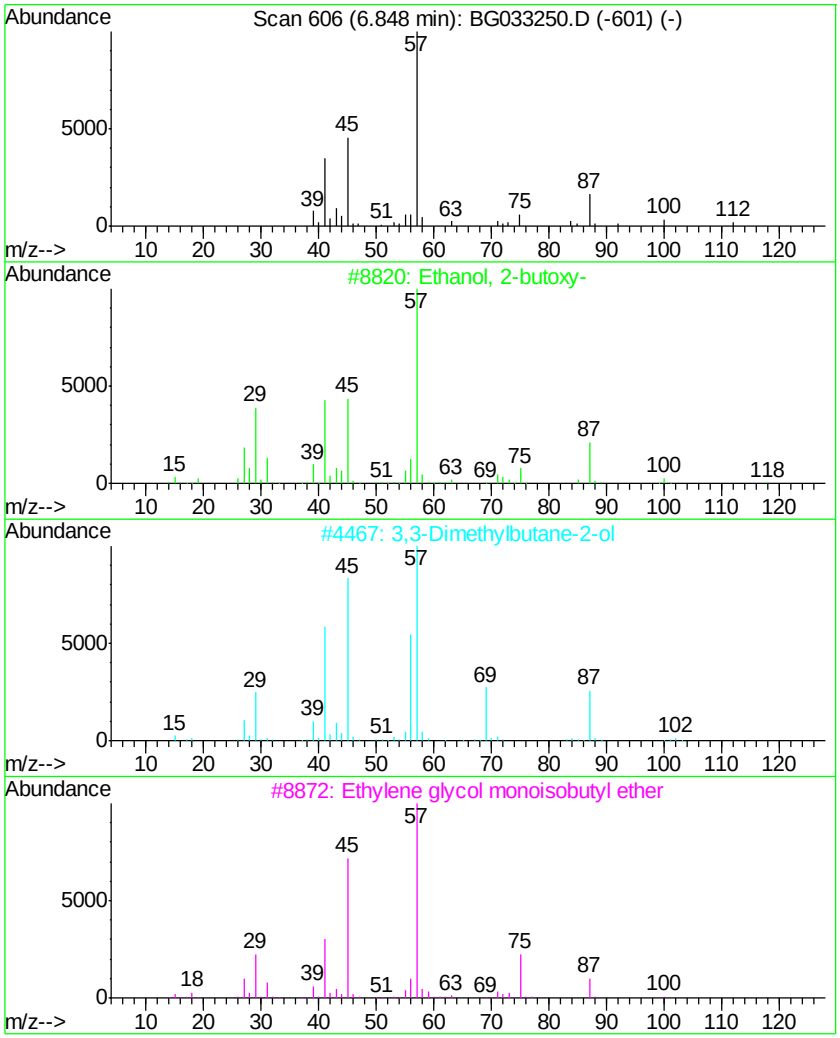
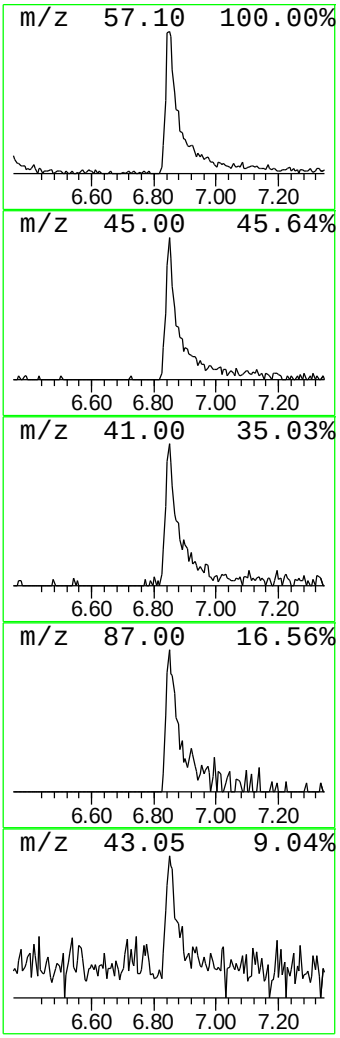
Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	8.84 ng	98678	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	64
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	64
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	33
4	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	16
5	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	12





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Data File : BG033250.D
Acq On : 19 Mar 2018 21:36
Operator : SJ/JU
Sample : J1953-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 031418-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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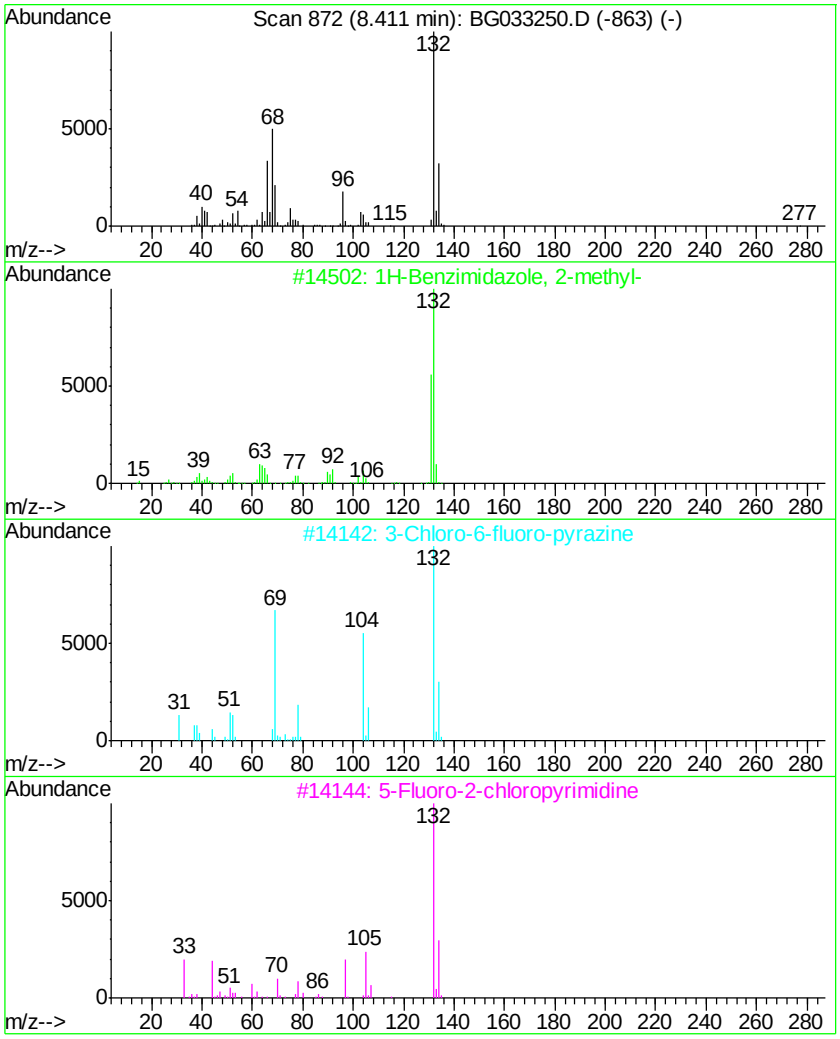
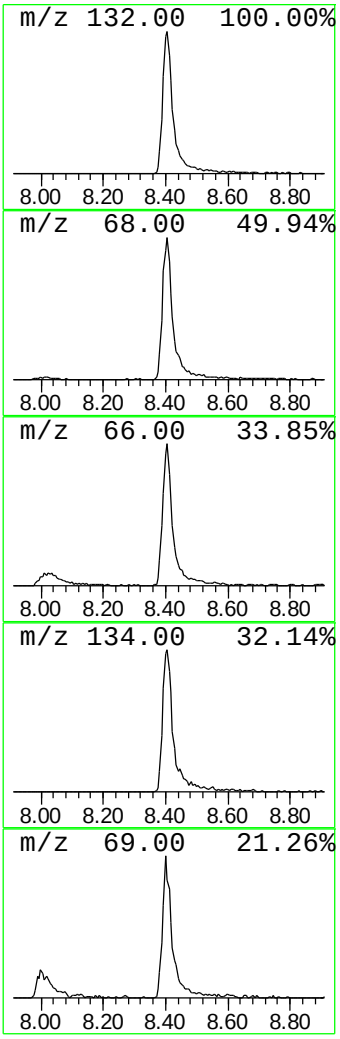
Peak Number 4 unknown8.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	60.20 ng	672019	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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Operator : SJ/JU
Sample : J1953-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 031418-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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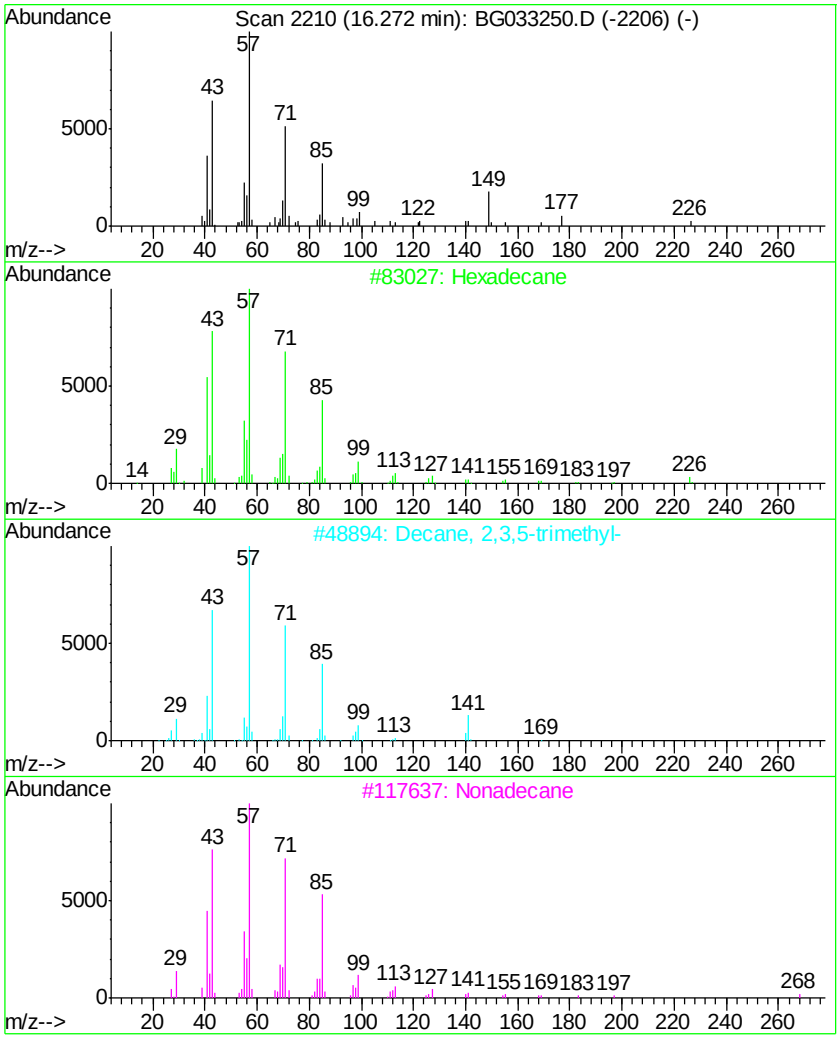
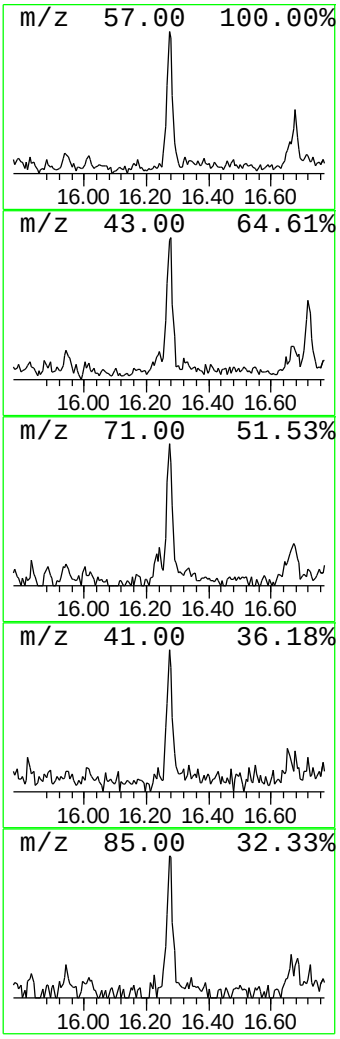
Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	2.43 ng	61569	Acenaphthene-d10	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
3	Nonadecane	268	C19H40	000629-92-5	72
4	Octadecane	254	C18H38	000593-45-3	64
5	Pentadecane	212	C15H32	000629-62-9	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
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Operator : SJ/JU
Sample : J1953-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 031418-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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TIC Library : C:\Database\NIST11.L
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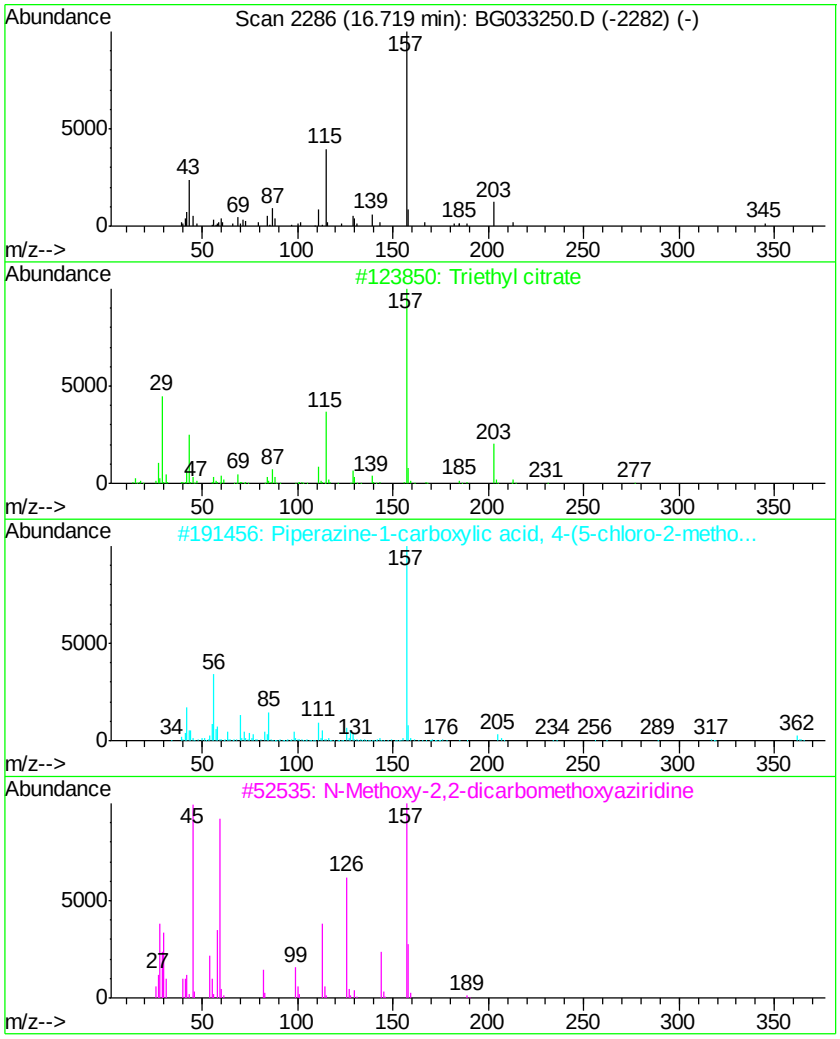
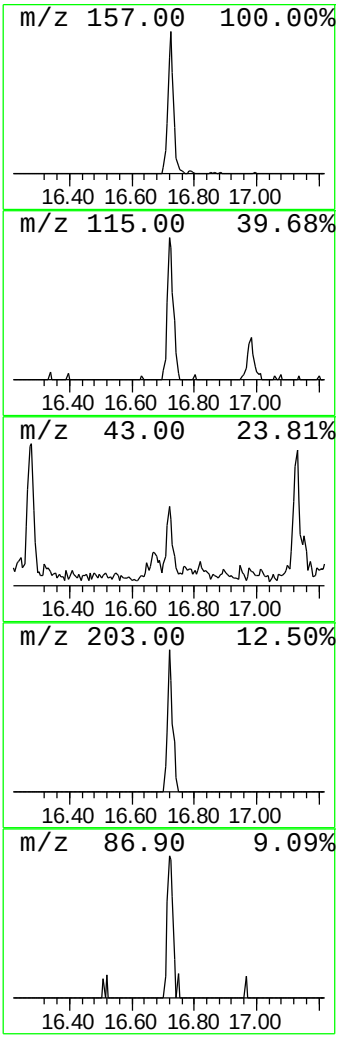
Peak Number 7 Triethyl citrate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	2.12 ng	53738	Acenaphthene-d10	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	86
2	Piperazine-1-carboxylic acid, 4-...	362	C14H19ClN2O5S	1000303-80-2	50
3	N-Methoxy-2,2-dicarbomethoxyazir...	189	C7H11NO5	053084-34-7	37
4	Adipic acid, ethyl 3-hexyl ester	258	C14H26O4	1000353-62-1	33
5	3-Chloro2-fluorobenzoic acid, 3-...	384	C22H34ClFO2	1000338-65-0	33





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Misc :
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Instrument : BNA_G
ClientSampleId : 031418-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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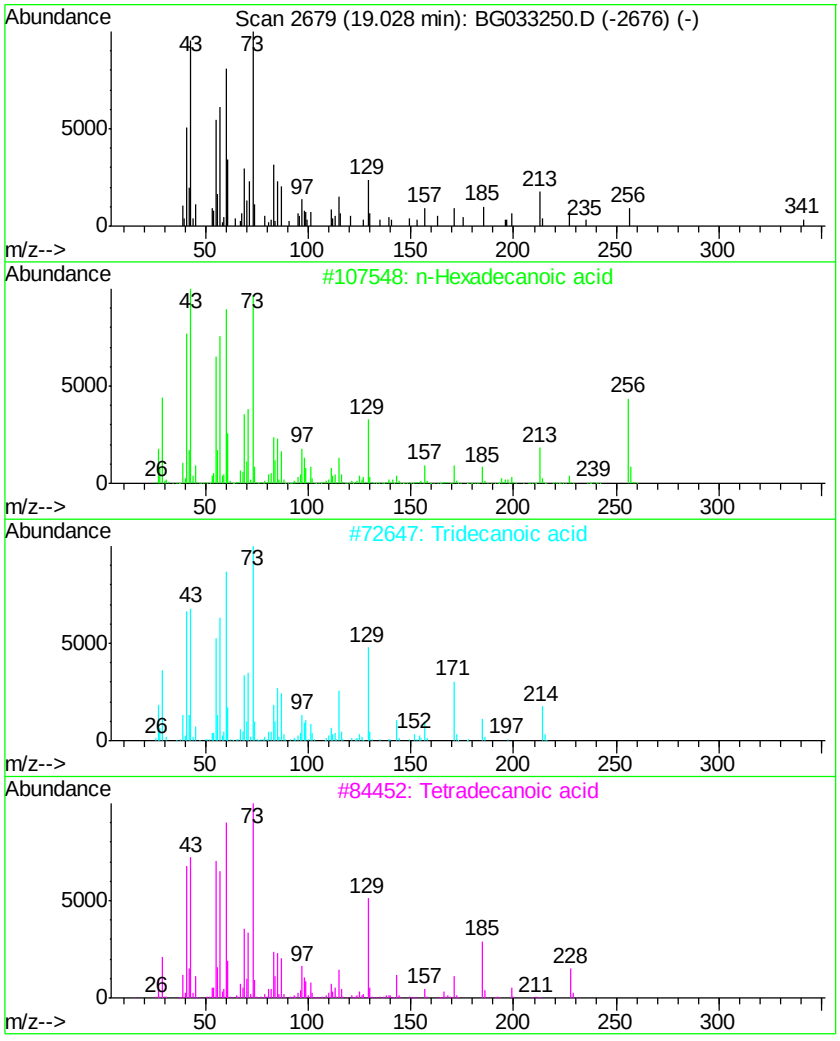
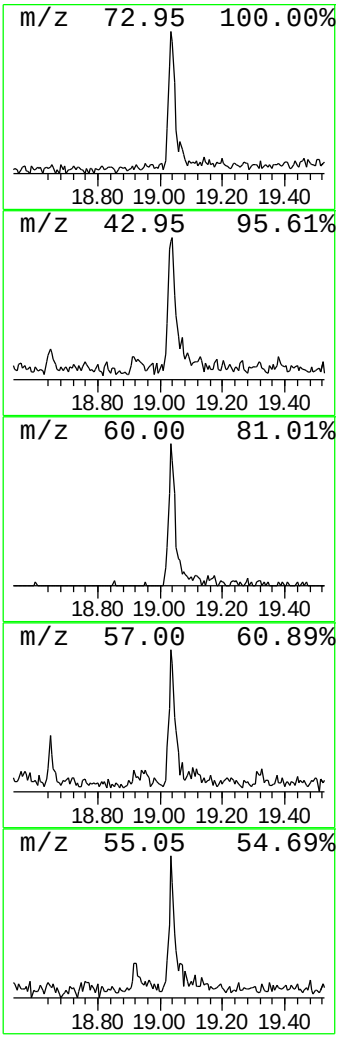
Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	2.96 ng	114611	Phenanthrene-d10	18.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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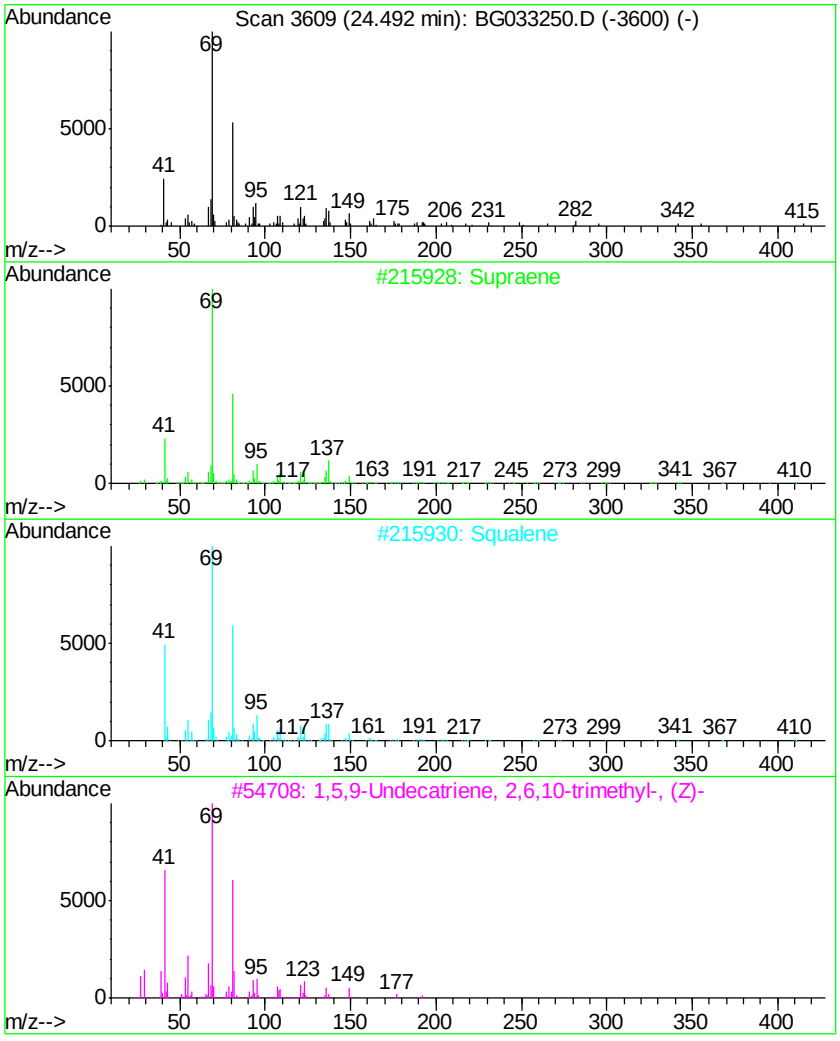
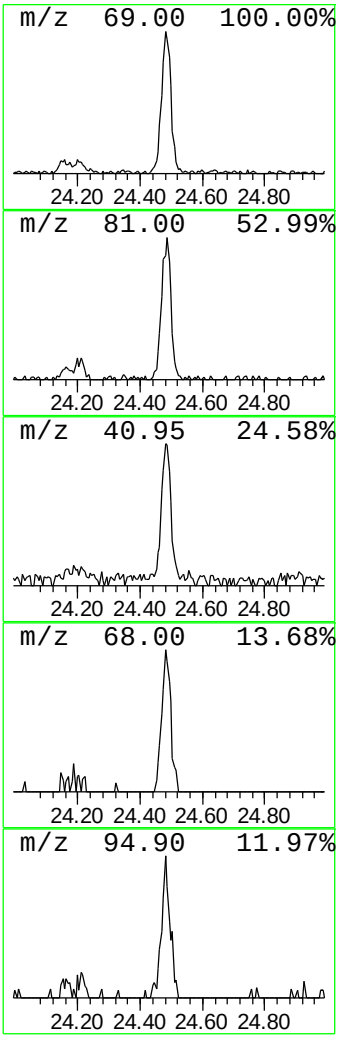
Peak Number 9 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.49	3.16 ng	139322	Chrysene-d12	22.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	90
2	Squalene	410	C30H50	000111-02-4	90
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	81
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	80
5	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	78





Tentatively Identified Compound (LSC) summary

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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...	3.59	13.9	ng	154613	1	8.90	223249	20.0
Ethanol, 2-butoxy-	6.85	8.8	ng	98678	1	8.90	223249	20.0
unknown8.41	8.41	60.2	ng	672019	1	8.90	223249	20.0
Hexadecane	16.27	2.4	ng	61569	3	15.51	506101	20.0
Triethyl citrate	16.72	2.1	ng	53738	3	15.51	506101	20.0
n-Hexadecanoic acid	19.03	3.0	ng	114611	4	18.24	775285	20.0
Supraene	24.49	3.2	ng	139322	5	22.59	880709	20.0