LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044044.D
Acq On : 14 Jan 2020 20:05
Operator : JU
Sample : L1108-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-03-A

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-BG123019.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	3.128	3	7	22	rVB	353041	673548	13.75%	1.525%
2	3.663	95	98	105	rBV	40854	63180	1.29%	0.143%
3	4.456	227	233	237	rBV	181434	276301	5.64%	0.625%
4	4.492	237	239	247	rVB	38880	58025	1.18%	0.131%
5	5.056	328	335	346	rBV	532379	845199	17.25%	1.913%
6	5.532	408	416	426	rBV	1700028	2733375	55.79%	6.187%
7	7.124	677	687	702	rBV	1717721	3199321	65.30%	7.242%
8	7.482	739	748	758	rBV	1744074	3110563	63.48%	7.041%
9	7.946	819	827	836	rBV	442900	768113	15.68%	1.739%
10	8.269	873	882	891	rBV	1328019	2349176	47.94%	5.318%
11	9.104	1015	1024	1036	rBV	1040744	1876518	38.30%	4.248%
12	10.749	1296	1304	1316	rBV	615034	1135041	23.17%	2.569%
13	12.482	1592	1599	1606	rBV	27330	49097	1.00%	0.111%
14	13.205	1714	1722	1729	rBV	2674113	4190848	85.53%	9.487%
15	13.487	1763	1770	1776	rBV	118553	190670	3.89%	0.432%
16	14.027	1856	1862	1868	rBV	251255	370064	7.55%	0.838%
17	14.580	1949	1956	1962	rBV	947012	1515675	30.93%	3.431%
18	15.708	2144	2148	2153	rBV2	56925	79295	1.62%	0.179%
19	16.066	2202	2209	2218	rBV	1964676	3070170	62.66%	6.950%
20	17.230	2402	2407	2415	rBV2	40084	73544	1.50%	0.166%
21	17.324	2415	2423	2427	rVV	1023810	1652270	33.72%	3.740%
22	17.365	2427	2430	2435	rVB	140312	203874	4.16%	0.462%
23	17.447	2441	2444	2450	rVB2	35141	62544	1.28%	0.142%
24	17.711	2484	2489	2495	rBV6	46448	83539	1.70%	0.189%
25	18.234	2574	2578	2586	rVV3	158852	266568	5.44%	0.603%
26	18.393	2599	2605	2609	rBV3	61852	121185	2.47%	0.274%
27	19.080	2717	2722	2731	rBV2	422596	651211	13.29%	1.474%
28	19.157	2732	2735	2740	rVV7	25450	49534	1.01%	0.112%
29	19.251	2747	2751	2758	rBV2	31564	61959	1.26%	0.140%
30	19.374	2766	2772	2780	rBV	531780	875007	17.86%	1.981%
31	19.733	2824	2833	2842	rBV	517936	821127	16.76%	1.859%
32	19.938	2862	2868	2874	rBV	3631922	4899755	100.00%	11.091%
33	20.062	2884	2889	2896	rBV3	44474	107956	2.20%	0.244%
34	20.226	2913	2917	2921	rBV2	140945	166526	3.40%	0.377%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044044.D
Acq On : 14 Jan 2020 20:05
Operator : JU
Sample : L1108-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-03-A

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-BG123019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.326	2932	2934	2939	rVB	51318	57671	1.18%	0.131%
36	21.243	3086	3090	3099	rBV4	724464	1109894	22.65%	2.512%
37	21.577	3139	3147	3152	rBV3	1016993	2113234	43.13%	4.784%
38	21.624	3153	3155	3165	rVB	234339	348901	7.12%	0.790%
39	21.795	3181	3184	3189	rVB2	97689	125240	2.56%	0.284%
40	22.400	3283	3287	3301	rVB4	133229	339278	6.92%	0.768%
41	23.087	3400	3404	3410	rVB2	97489	172779	3.53%	0.391%
42	23.258	3428	3433	3442	rVB	447876	910905	18.59%	2.062%
43	23.751	3510	3517	3525	rBV	153860	513106	10.47%	1.161%
44	24.774	3681	3691	3713	rVB	429343	1834532	37.44%	4.153%

Sum of corrected areas: 44176318

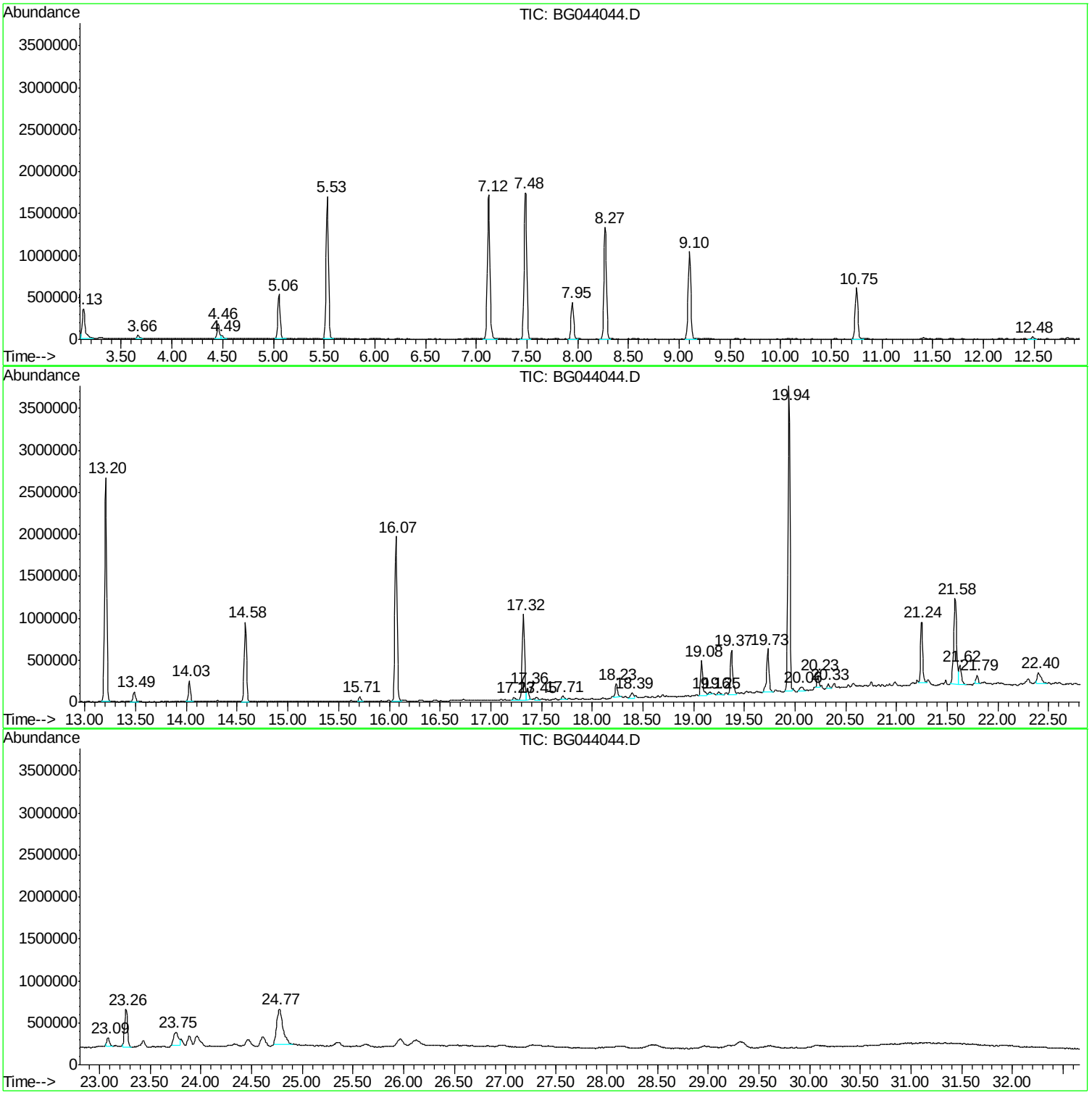
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044044.D
Acq On : 14 Jan 2020 20:05
Operator : JU
Sample : L1108-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044044.D
Acq On : 14 Jan 2020 20:05
Operator : JU
Sample : L1108-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

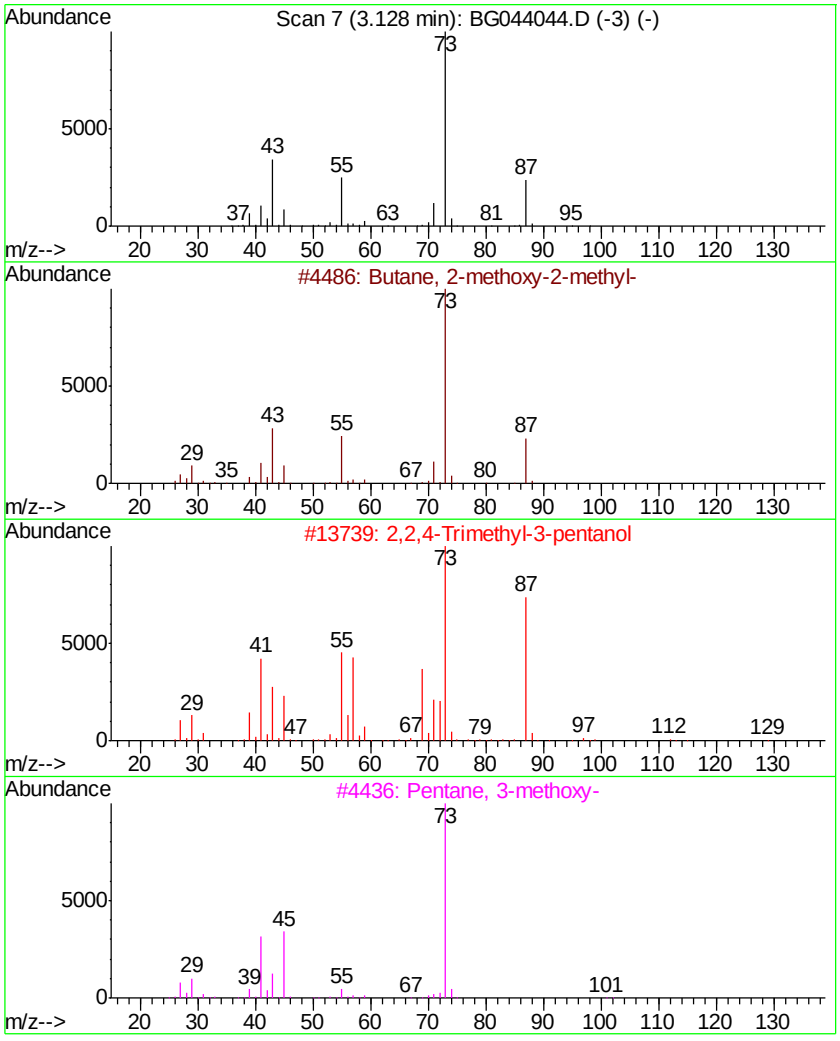
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

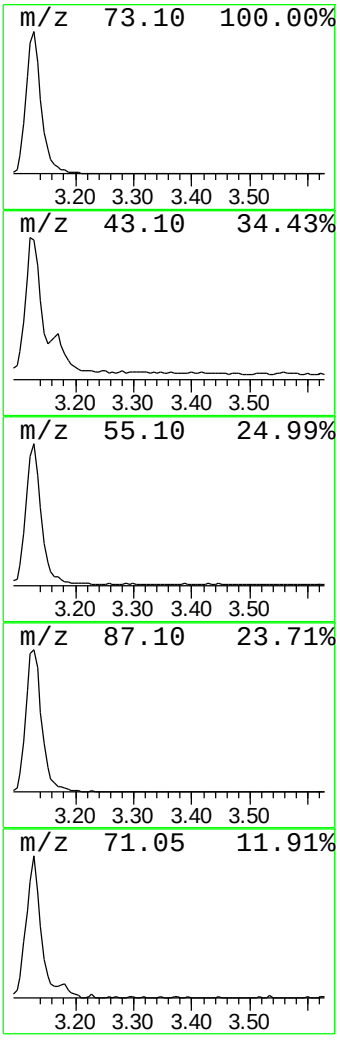
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	17.54 ng	673548	1,4-Dichlorobenzene-d4	7.95

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	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044044.D
Acq On : 14 Jan 2020 20:05
Operator : JU
Sample : L1108-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

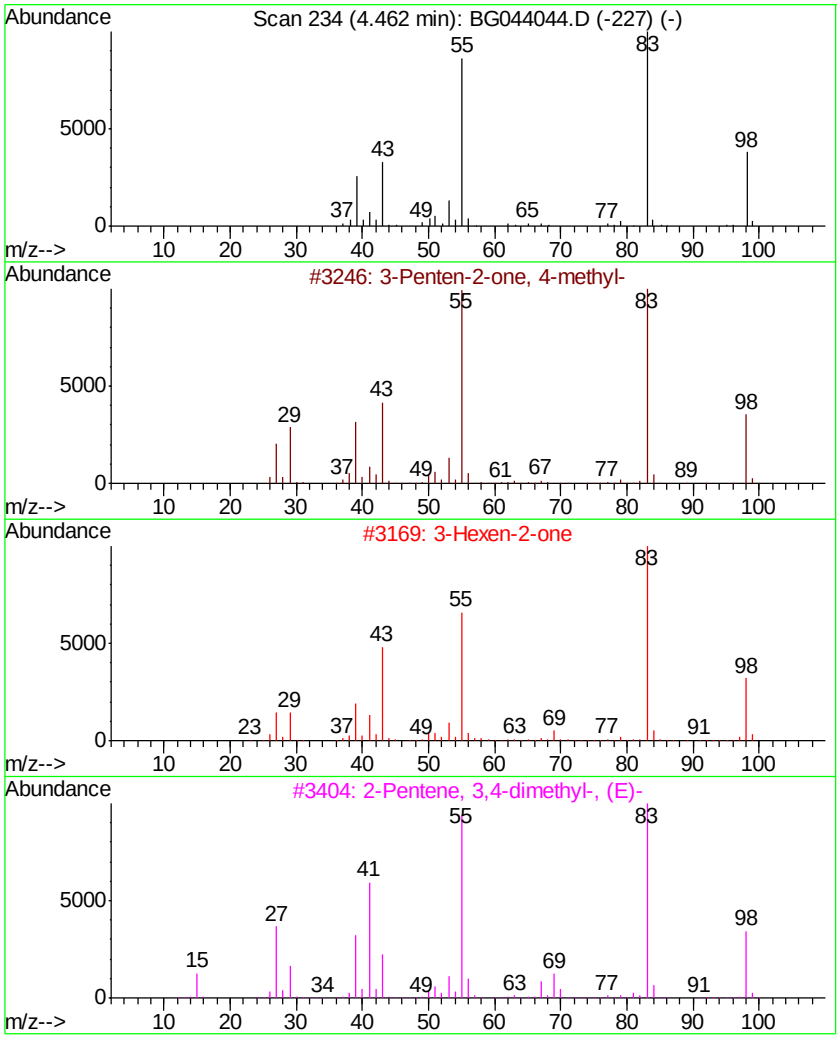
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

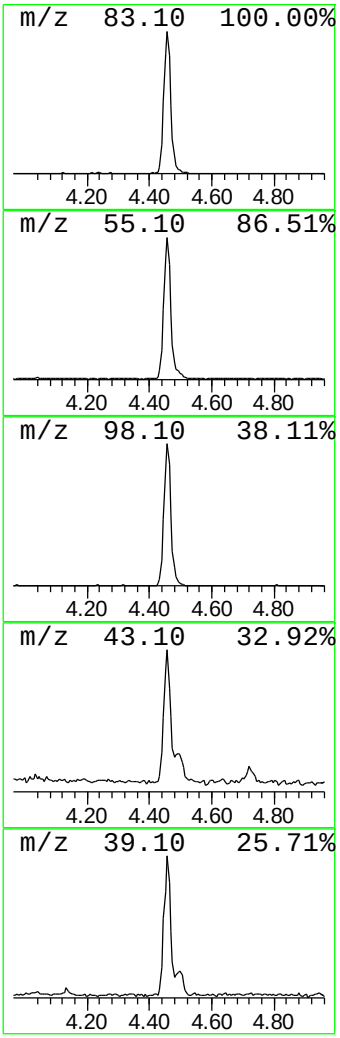
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	7.19 ng	276301	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	87
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044044.D
Acq On : 14 Jan 2020 20:05
Operator : JU
Sample : L1108-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

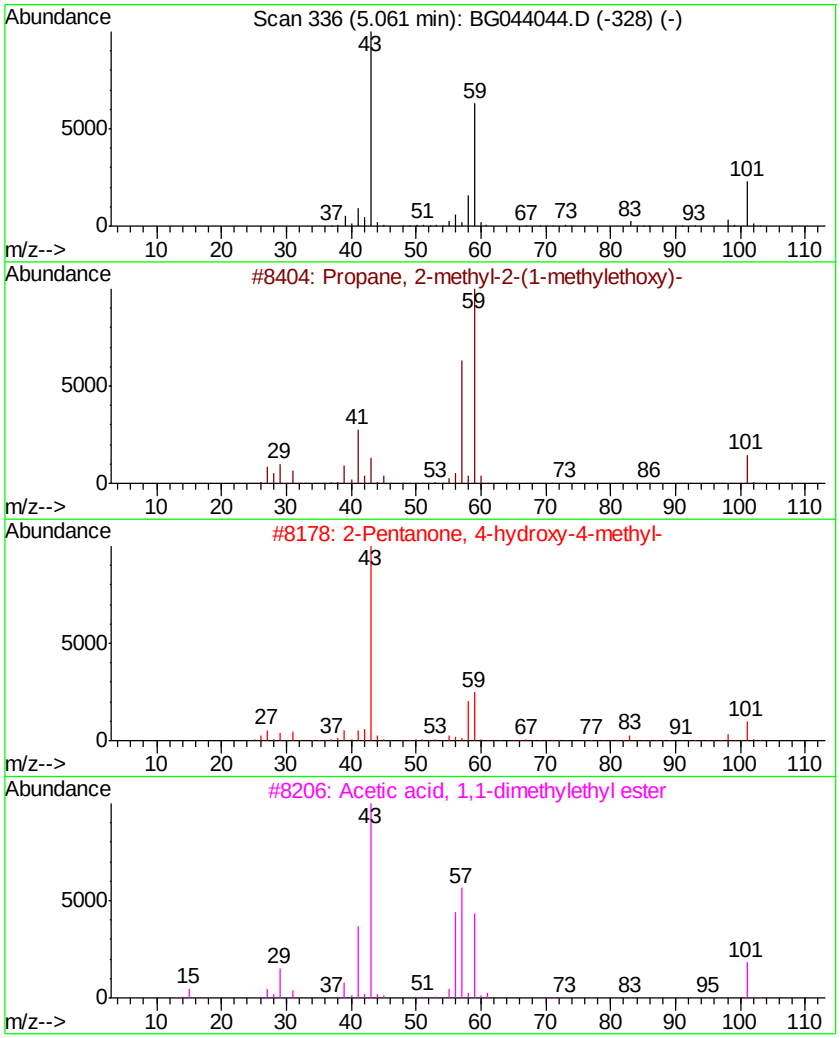
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

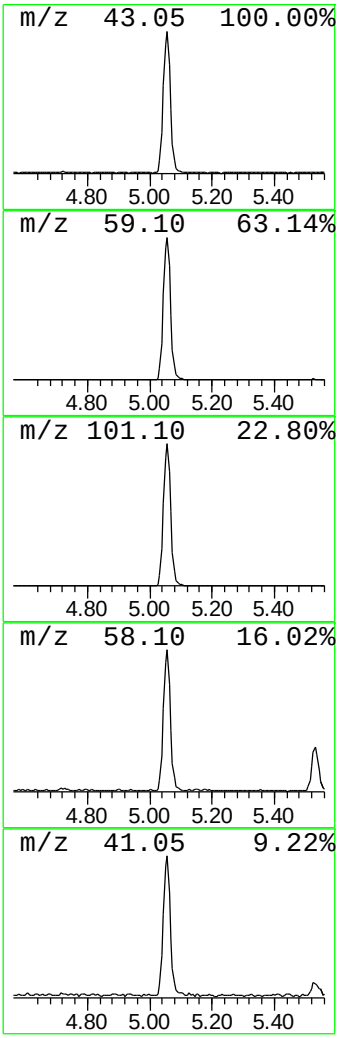
****

Peak Number 3 Propane, 2-methyl-2-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	22.01 ng	845199	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044044.D
Acq On : 14 Jan 2020 20:05
Operator : JU
Sample : L1108-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

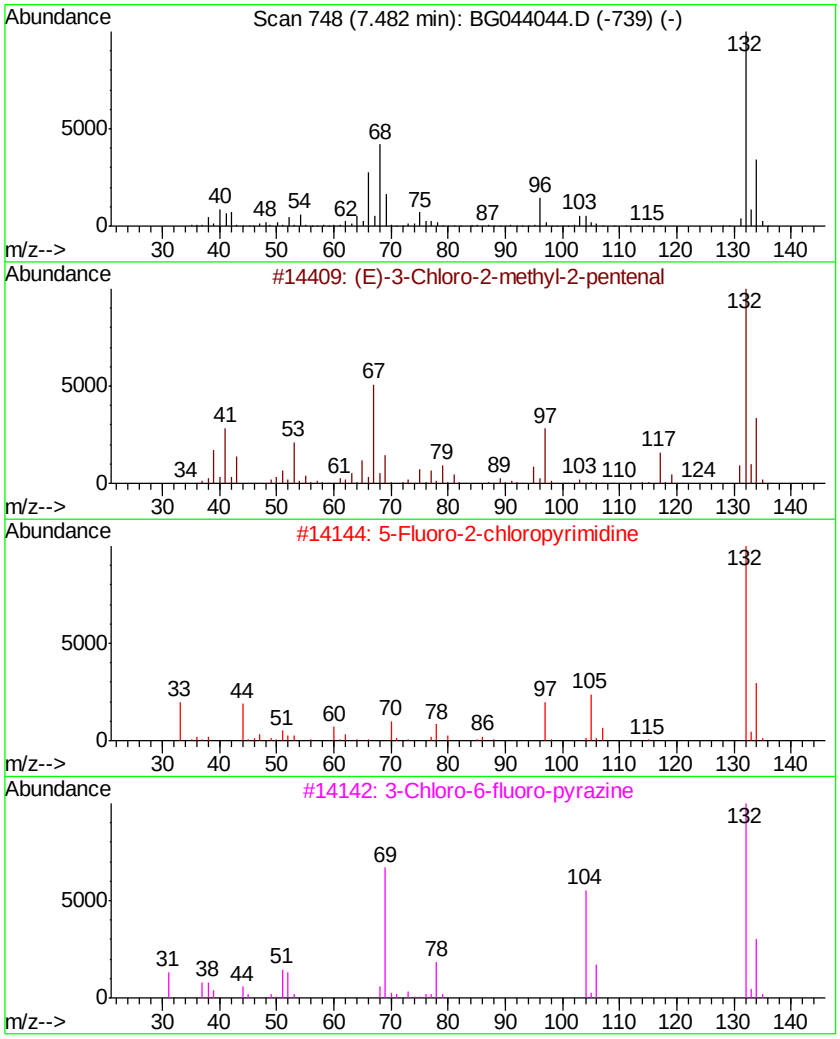
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

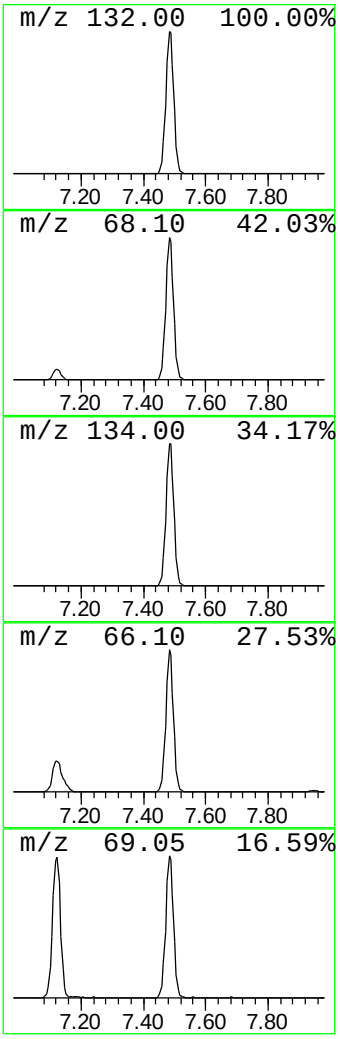
****

Peak Number 4 unknown7.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	80.99 ng	3110560	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044044.D
Acq On : 14 Jan 2020 20:05
Operator : JU
Sample : L1108-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

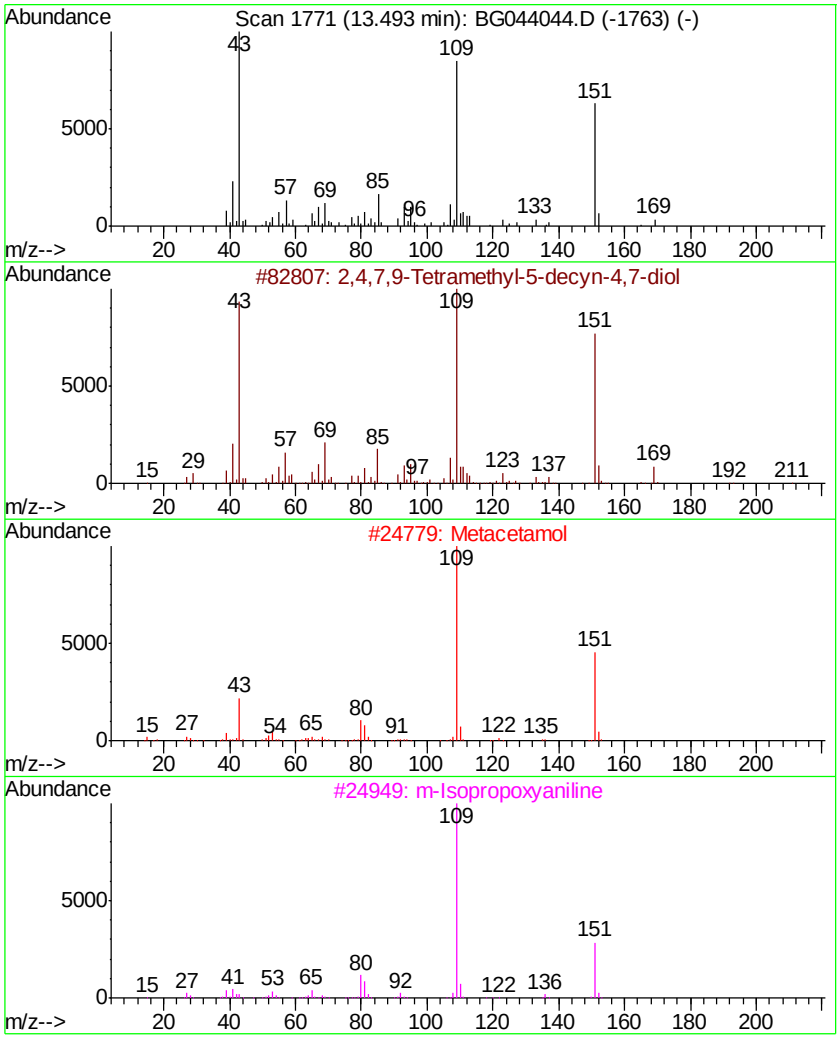
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

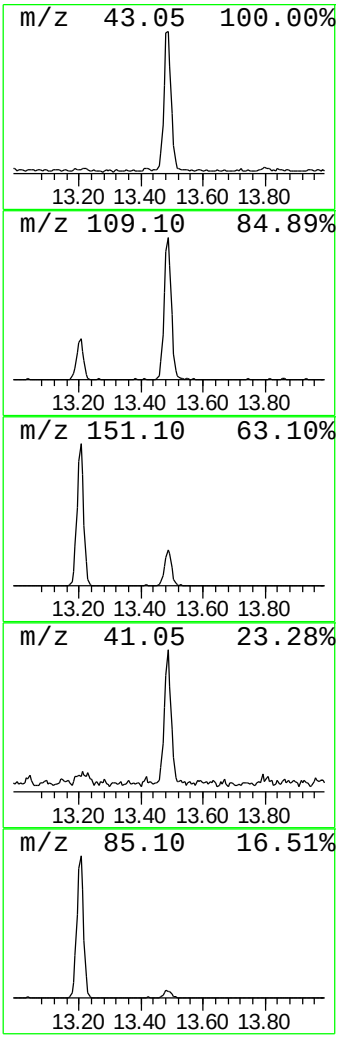
****

Peak Number 6 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.52 ng	190670	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	58
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
5	1,4-dihydroxy-p-menth-2-ene	170	C10H18O2	1000374-16-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044044.D
Acq On : 14 Jan 2020 20:05
Operator : JU
Sample : L1108-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

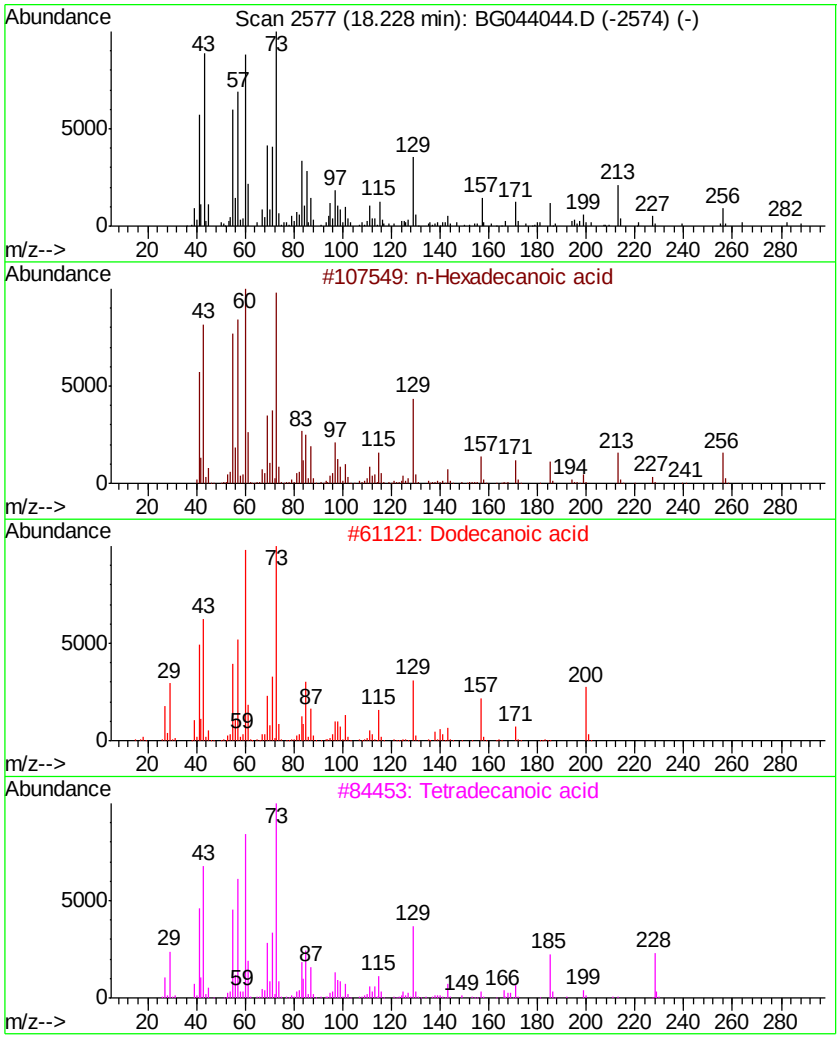
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

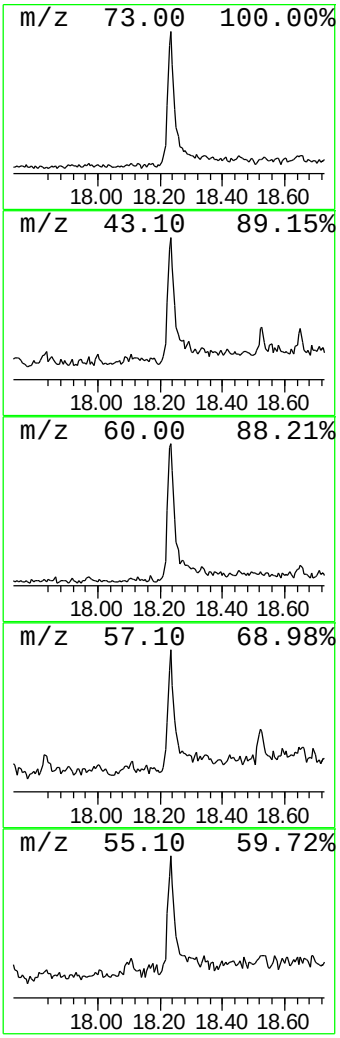
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	3.23 ng	266568	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044044.D
Acq On : 14 Jan 2020 20:05
Operator : JU
Sample : L1108-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

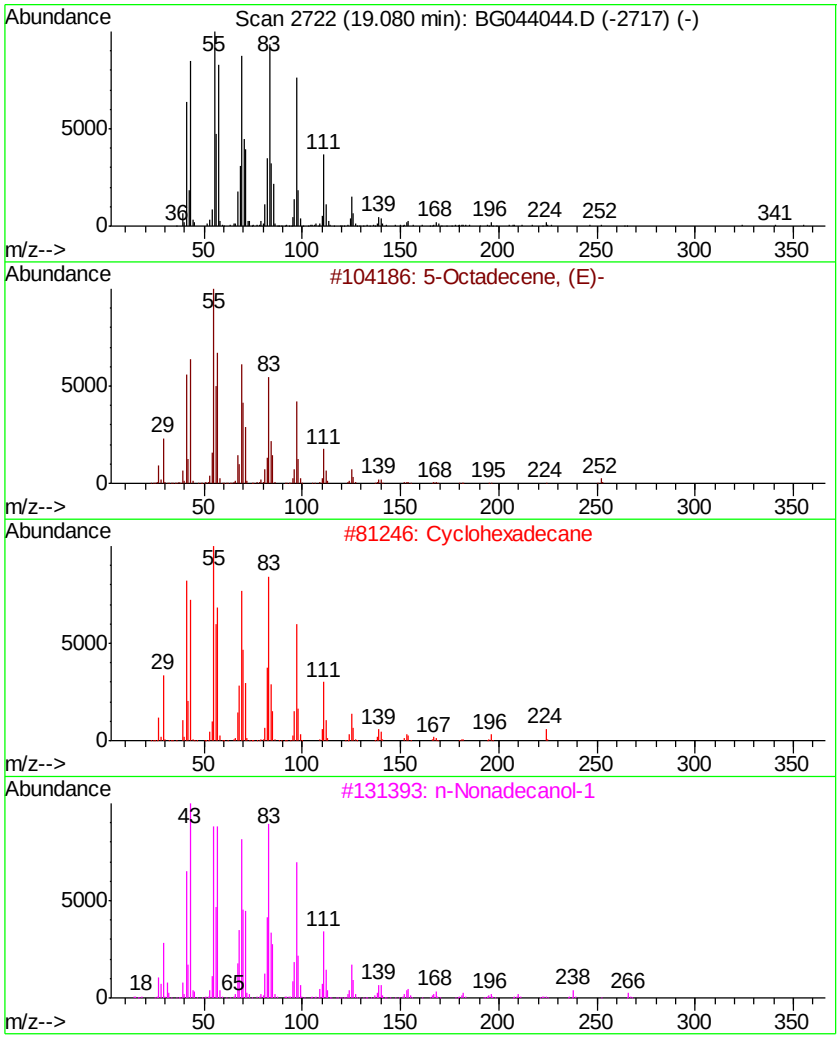
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

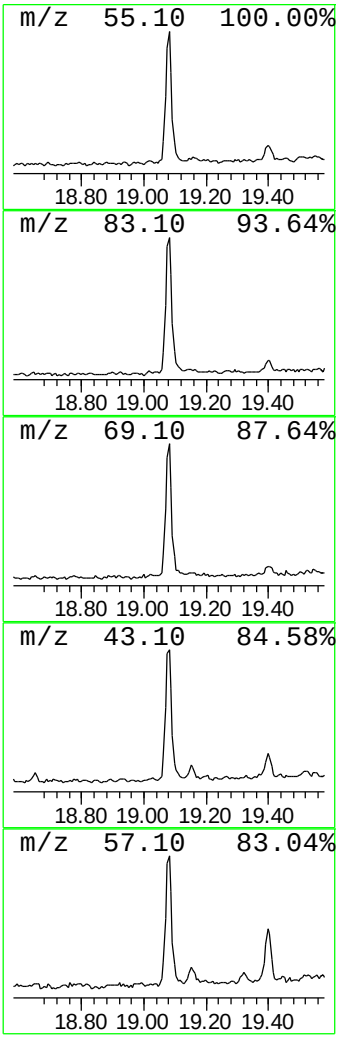
****

Peak Number 8 5-Octadecene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	7.88 ng	651211	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	99
2	Cyclohexadecane	224	C16H32	000295-65-8	98
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044044.D
Acq On : 14 Jan 2020 20:05
Operator : JU
Sample : L1108-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

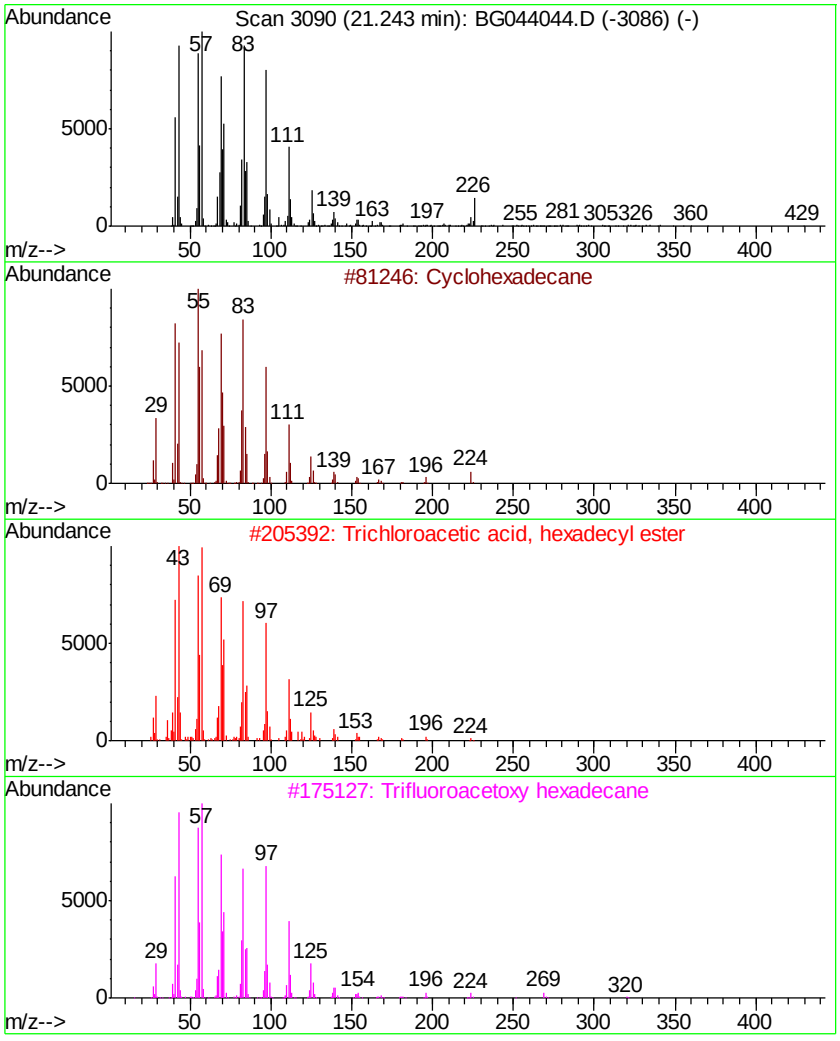
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

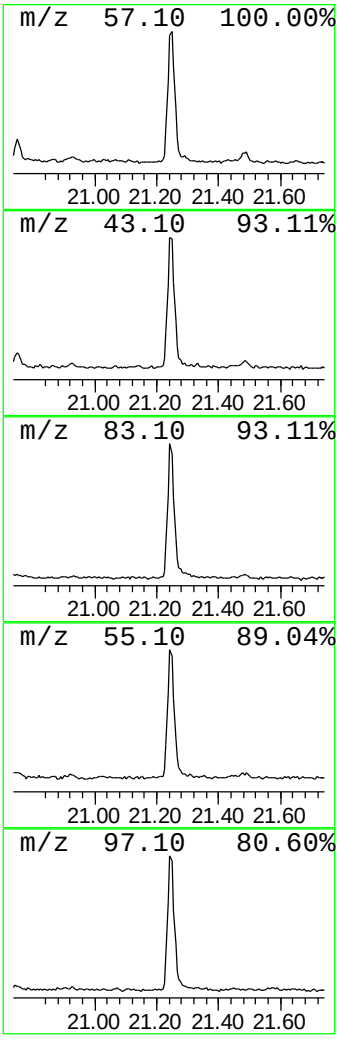
****

Peak Number 10 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	10.50 ng	1109890	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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Data File : BG044044.D
Acq On : 14 Jan 2020 20:05
Operator : JU
Sample : L1108-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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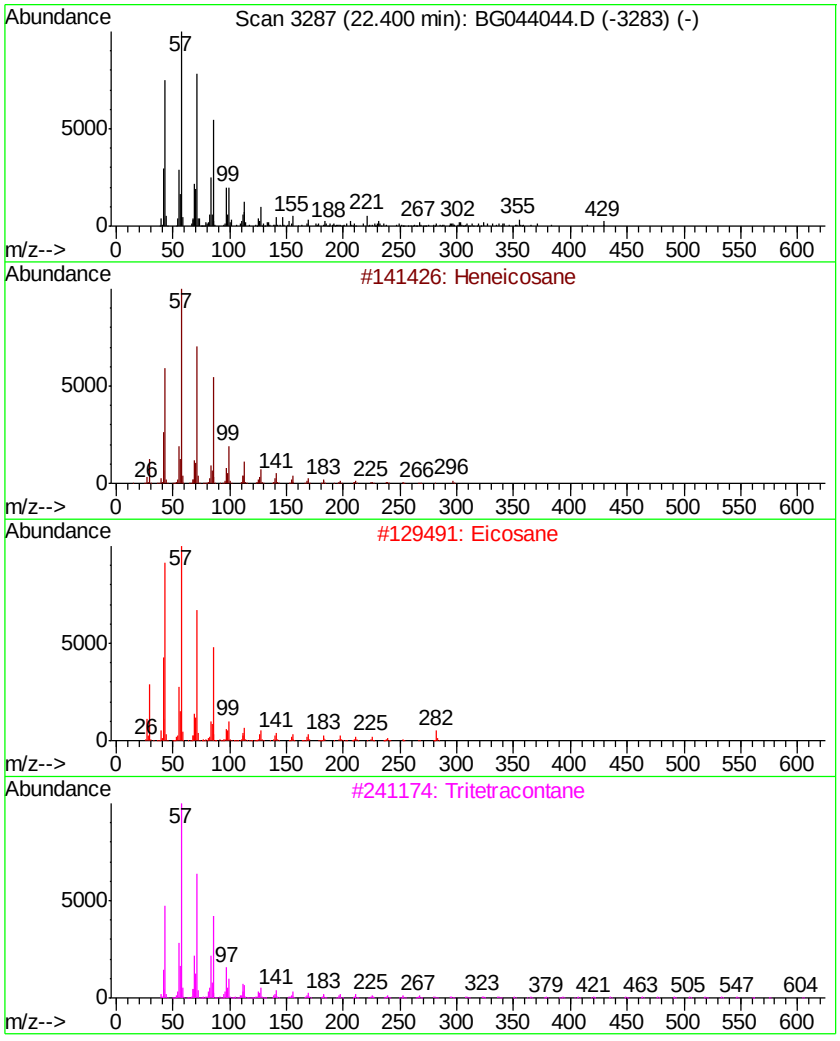
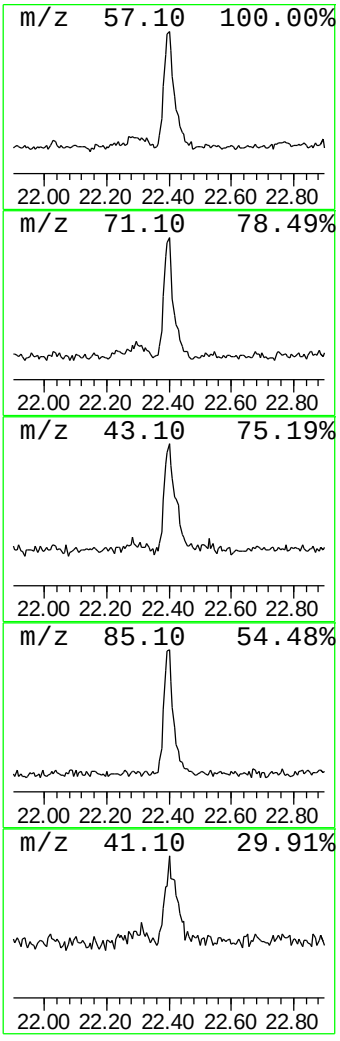
Peak Number 11 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	3.21 ng	339278	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Eicosane	282	C20H42	000112-95-8	90
3	Tritetracontane	605	C43H88	007098-21-7	90
4	2-methyltetracosane	352	C25H52	1000376-72-6	90
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044044.D
Acq On : 14 Jan 2020 20:05
Operator : JU
Sample : L1108-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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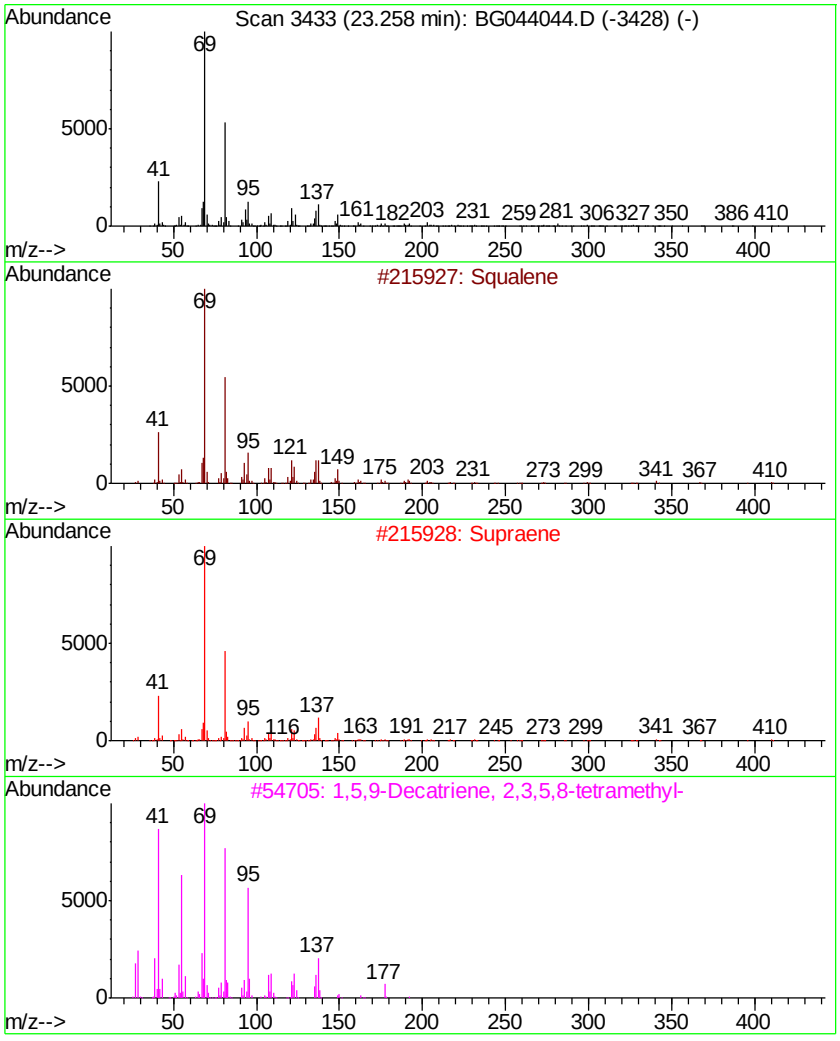
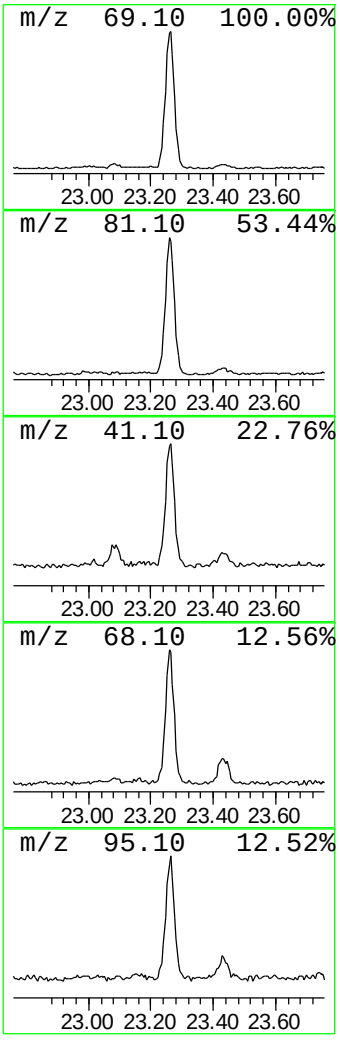
Peak Number 12 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	9.93 ng	910905	Perylene-d12	24.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	97
2	Supraene	410	C30H50	007683-64-9	91
3	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	64
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011420\
Data File : BG044044.D
Acq On : 14 Jan 2020 20:05
Operator : JU
Sample : L1108-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
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
Butane, 2-methoxy...	3.13	17.5	ng	673548	1	7.95	768113	20.0
3-Penten-2-one, 4...	4.46	7.2	ng	276301	1	7.95	768113	20.0
Propane, 2-methyl...	5.06	22.0	ng	845199	1	7.95	768113	20.0
unknown7.48	7.48	81.0	ng	3110560	1	7.95	768113	20.0
2,4,7,9-Tetrameth...	13.49	2.5	ng	190670	3	14.58	1515680	20.0
n-Hexadecanoic acid	18.23	3.2	ng	266568	4	17.32	1652270	20.0
5-Octadecene, (E)-	19.08	7.9	ng	651211	4	17.32	1652270	20.0
Cyclohexadecane	21.24	10.5	ng	1109890	5	21.58	2113230	20.0
Heneicosane	22.40	3.2	ng	339278	5	21.58	2113230	20.0
Squalene	23.26	9.9	ng	910905	6	24.77	1834530	20.0