LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017517.D
Acq On : 7 Jun 2015 3:01
Operator : TP/IZ
Sample : G2491-12RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602RE

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-BG060315.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	2.760	8	12	18	rBV	161407	201590	31.37%	4.081%
2	4.229	258	262	273	rBV2	25506	40965	6.37%	0.829%
3	5.216	425	430	439	rBV	47965	75539	11.76%	1.529%
4	6.838	701	706	718	rVB2	35678	61863	9.63%	1.252%
5	7.167	755	762	771	rBV	95476	155780	24.24%	3.154%
6	7.619	833	839	847	rBV	73502	116114	18.07%	2.351%
7	7.942	887	894	901	rBV	95589	160452	24.97%	3.248%
8	8.783	1032	1037	1046	rVB2	93699	156009	24.28%	3.158%
9	10.416	1309	1315	1323	rVB	91524	154108	23.98%	3.120%
10	12.607	1683	1688	1695	rBV3	15689	30471	4.74%	0.617%
11	12.866	1726	1732	1734	rBV2	56262	81898	12.74%	1.658%
12	12.901	1734	1738	1748	rVB	250310	379067	58.99%	7.674%
13	13.148	1775	1780	1785	rBV6	3798	6645	1.03%	0.135%
14	13.753	1877	1883	1886	rBV3	14549	20538	3.20%	0.416%
15	14.117	1940	1945	1952	rBV4	8735	16165	2.52%	0.327%
16	14.288	1969	1974	1980	rVB	158602	240489	37.42%	4.869%
17	15.034	2097	2101	2105	rBV6	5897	10142	1.58%	0.205%
18	15.792	2224	2230	2236	rBV2	185378	290424	45.19%	5.880%
19	15.927	2248	2253	2258	rBV8	7985	15944	2.48%	0.323%
20	16.009	2264	2267	2272	rBV5	5243	7933	1.23%	0.161%
21	16.327	2318	2321	2325	rVB6	5974	7450	1.16%	0.151%
22	16.462	2340	2344	2348	rBV6	4603	7875	1.23%	0.159%
23	16.579	2360	2364	2368	rVB7	5902	7689	1.20%	0.156%
24	16.808	2399	2403	2407	rBV6	5684	9871	1.54%	0.200%
25	17.043	2437	2443	2449	rVB	220932	302056	47.00%	6.115%
26	17.278	2479	2483	2488	rBV5	16507	26184	4.07%	0.530%
27	17.431	2507	2509	2513	rVB4	8838	8557	1.33%	0.173%
28	17.496	2517	2520	2523	rVV3	6899	10421	1.62%	0.211%
29	17.549	2526	2529	2535	rVB6	11379	16720	2.60%	0.338%
30	17.878	2582	2585	2589	rVB6	10517	14727	2.29%	0.298%
31	17.954	2593	2598	2605	rBV2	143554	231452	36.02%	4.686%
32	18.242	2643	2647	2651	rBV7	11131	15241	2.37%	0.309%
33	18.442	2679	2681	2684	rVV3	6723	7176	1.12%	0.145%
34	18.606	2706	2709	2714	rBV3	11304	17284	2.69%	0.350%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017517.D
Acq On : 7 Jun 2015 3:01
Operator : TP/IZ
Sample : G2491-12RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602RE

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-BG060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.100	2789	2793	2794	rBV4	6241	7521	1.17%	0.152%
36	19.123	2794	2797	2800	rVV5	9705	12940	2.01%	0.262%
37	19.170	2802	2805	2809	rVB6	10290	13664	2.13%	0.277%
38	19.241	2813	2817	2827	rBV	142003	204284	31.79%	4.136%
39	19.682	2887	2892	2899	rBV2	472778	642607	100.00%	13.010%
40	19.969	2938	2941	2947	rVB8	4483	9008	1.40%	0.182%
41	20.481	3024	3028	3033	rVB2	69776	79183	12.32%	1.603%
42	20.604	3043	3049	3057	rBV	133928	191994	29.88%	3.887%
43	20.792	3077	3081	3085	rBV6	13551	22994	3.58%	0.466%
44	20.951	3104	3108	3115	rBV	68135	91808	14.29%	1.859%
45	21.027	3120	3121	3124	rVB3	8098	6996	1.09%	0.142%
46	21.239	3153	3157	3168	rVB	302835	367675	57.22%	7.444%
47	22.214	3322	3323	3326	rBV3	8043	7477	1.16%	0.151%
48	22.284	3333	3335	3339	rBV5	7338	9051	1.41%	0.183%
49	22.784	3418	3420	3426	rVB7	8382	11238	1.75%	0.228%
50	23.477	3532	3538	3545	rVB	175309	332268	51.71%	6.727%
51	27.002	4133	4138	4143	rBV9	5413	14325	2.23%	0.290%
52	27.478	4215	4219	4222	rBV6	7532	9572	1.49%	0.194%

Sum of corrected areas: 4939444

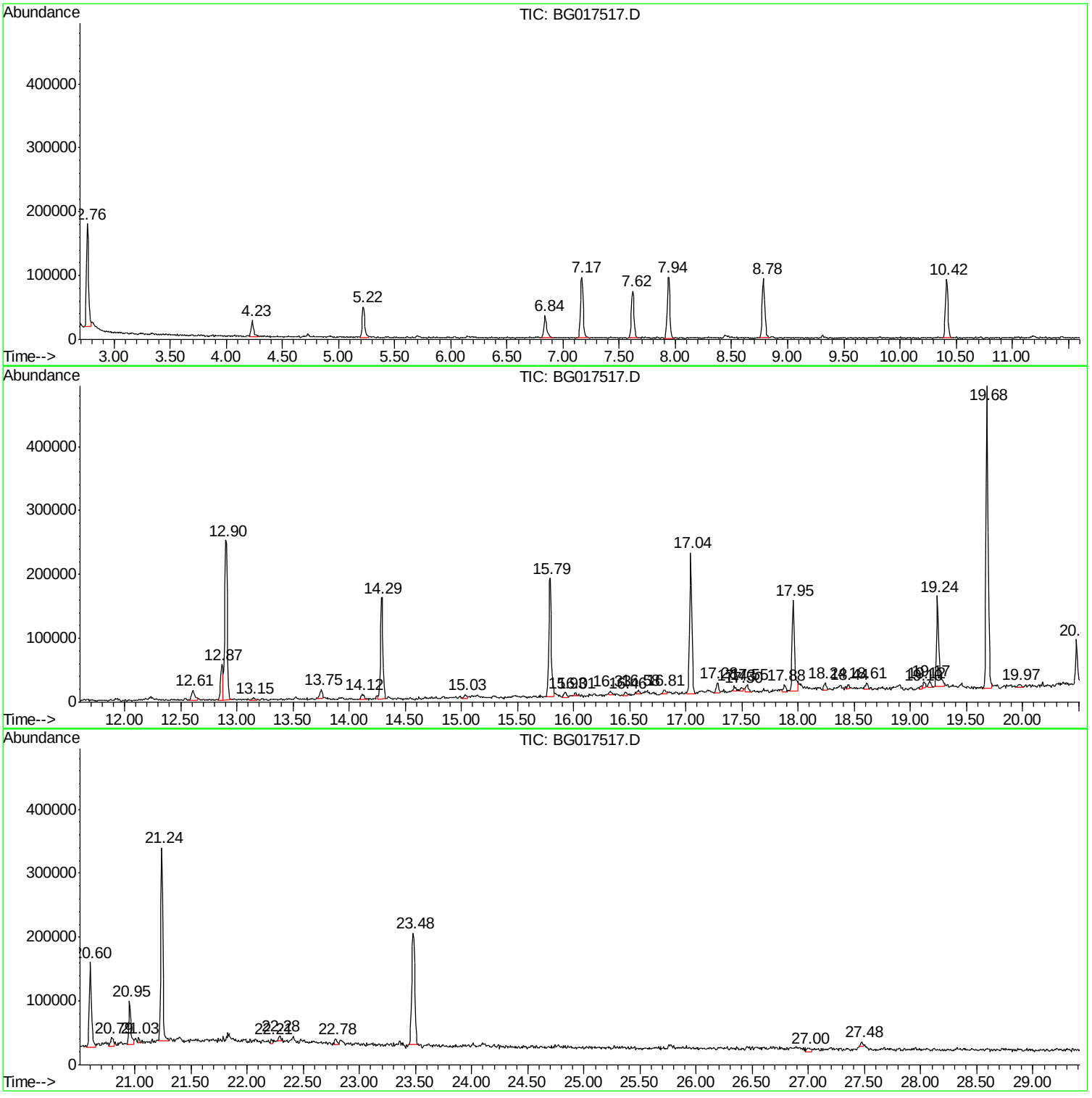
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017517.D
Acq On : 7 Jun 2015 3:01
Operator : TP/IZ
Sample : G2491-12RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017517.D
Acq On : 7 Jun 2015 3:01
Operator : TP/IZ
Sample : G2491-12RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

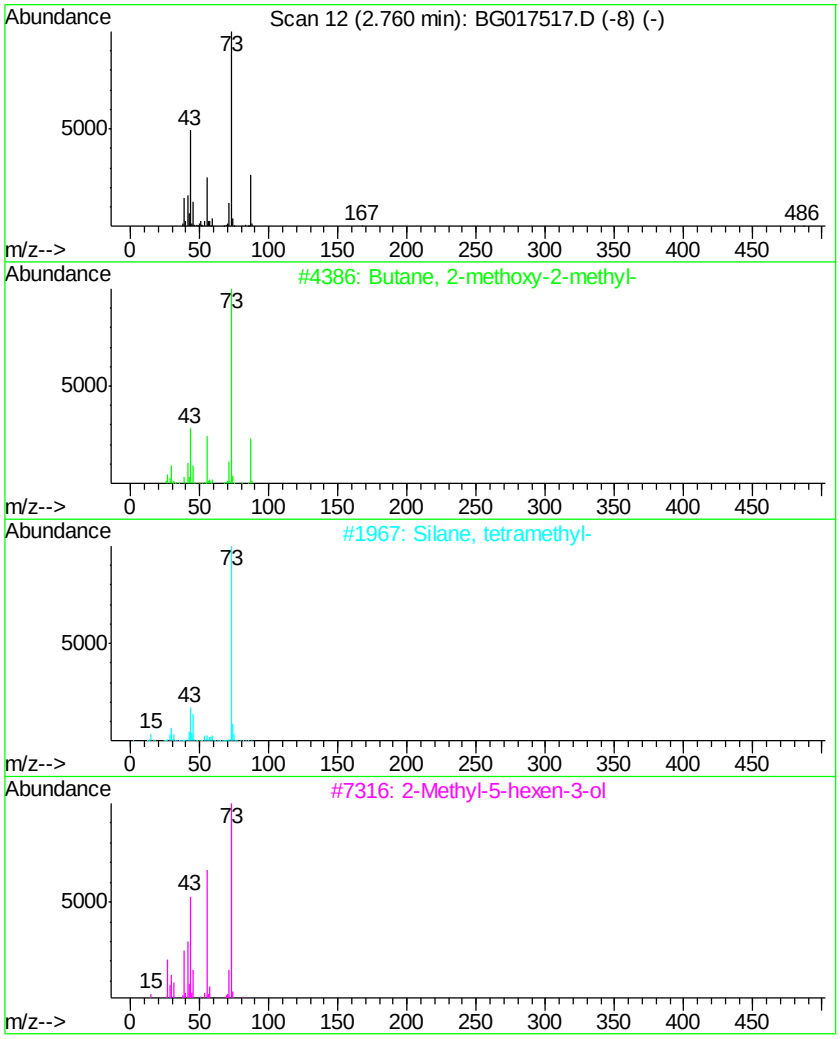
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

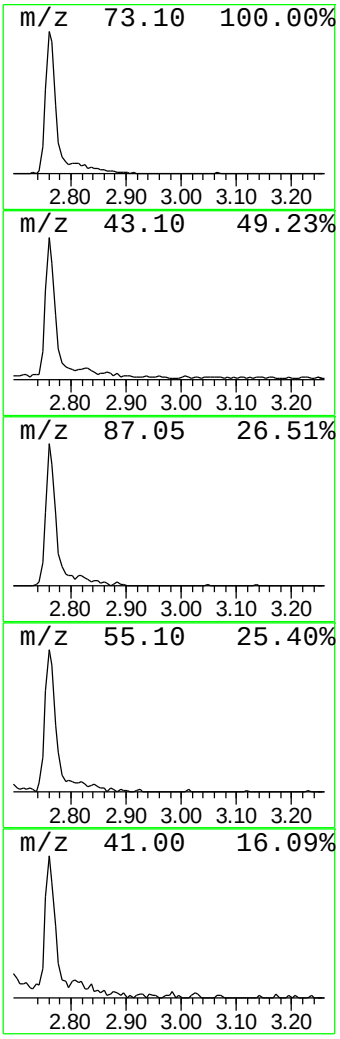
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.76	34.72 ng	201590	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017517.D
Acq On : 7 Jun 2015 3:01
Operator : TP/IZ
Sample : G2491-12RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LF016MW001-150602RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

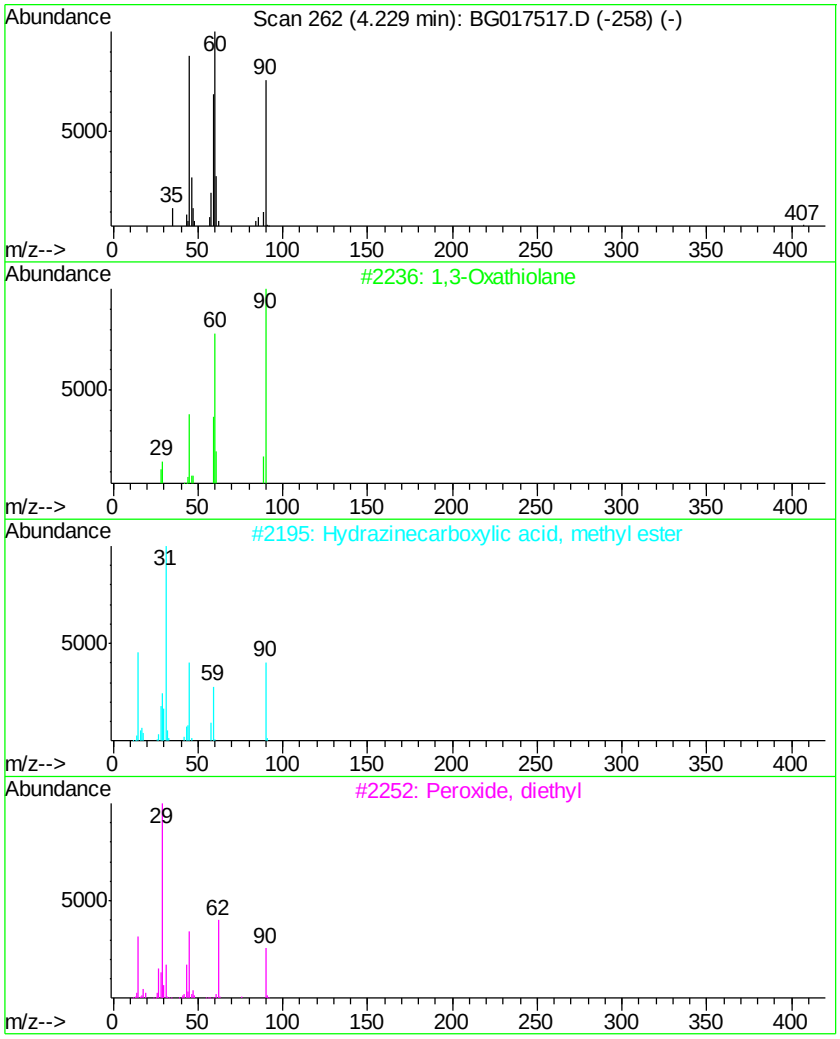
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

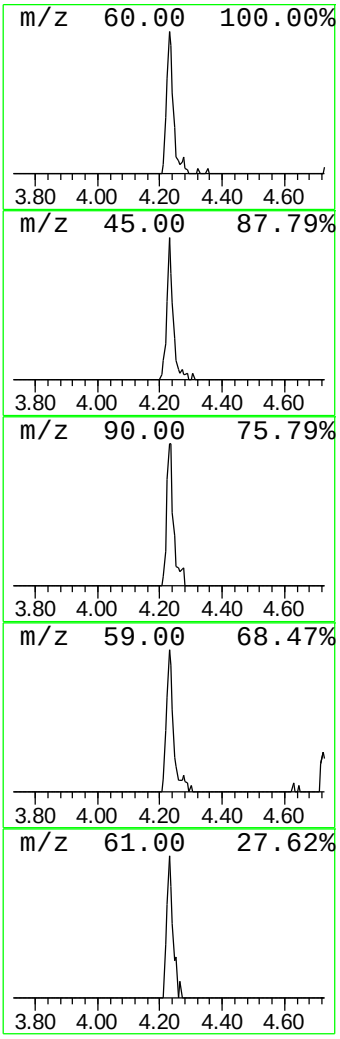
****

Peak Number 2 1,3-Oxathiolane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.23	7.06 ng	40965	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	72
2	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	59
3	Peroxide, diethyl	90	C4H10O2	000628-37-5	53
4	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	45
5	3-Thietanol	90	C3H6OS	010304-16-2	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017517.D
Acq On : 7 Jun 2015 3:01
Operator : TP/IZ
Sample : G2491-12RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

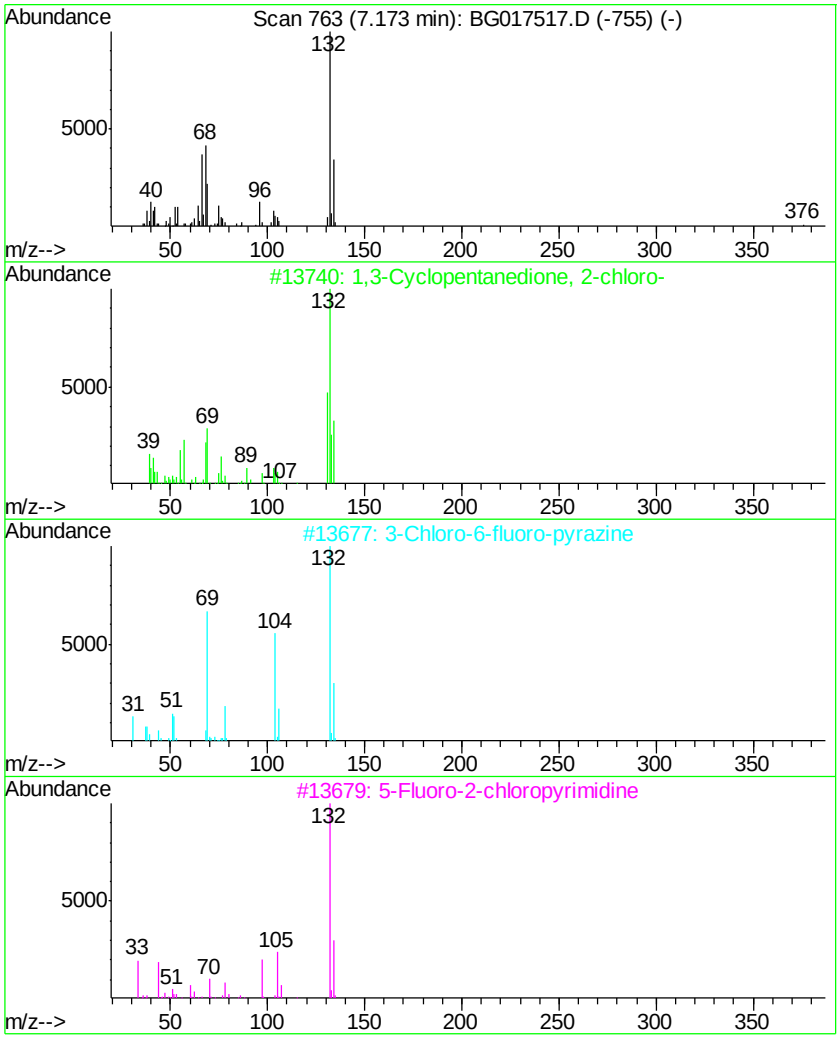
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

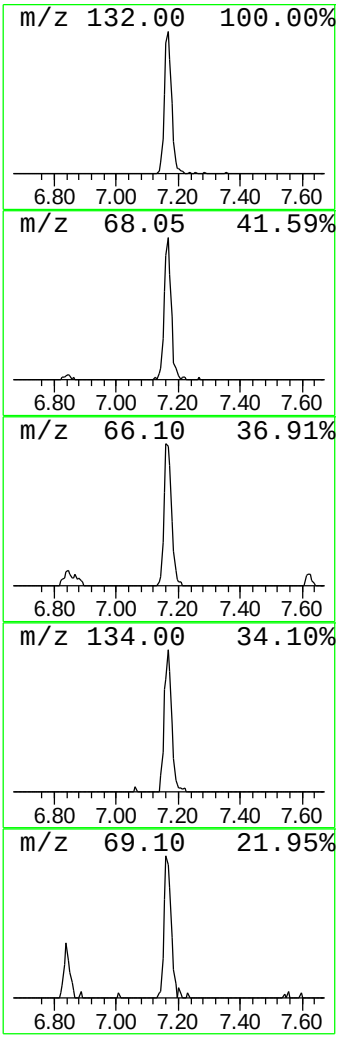
****

Peak Number 3 unknown7.17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	26.83 ng	155780	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017517.D
Acq On : 7 Jun 2015 3:01
Operator : TP/IZ
Sample : G2491-12RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

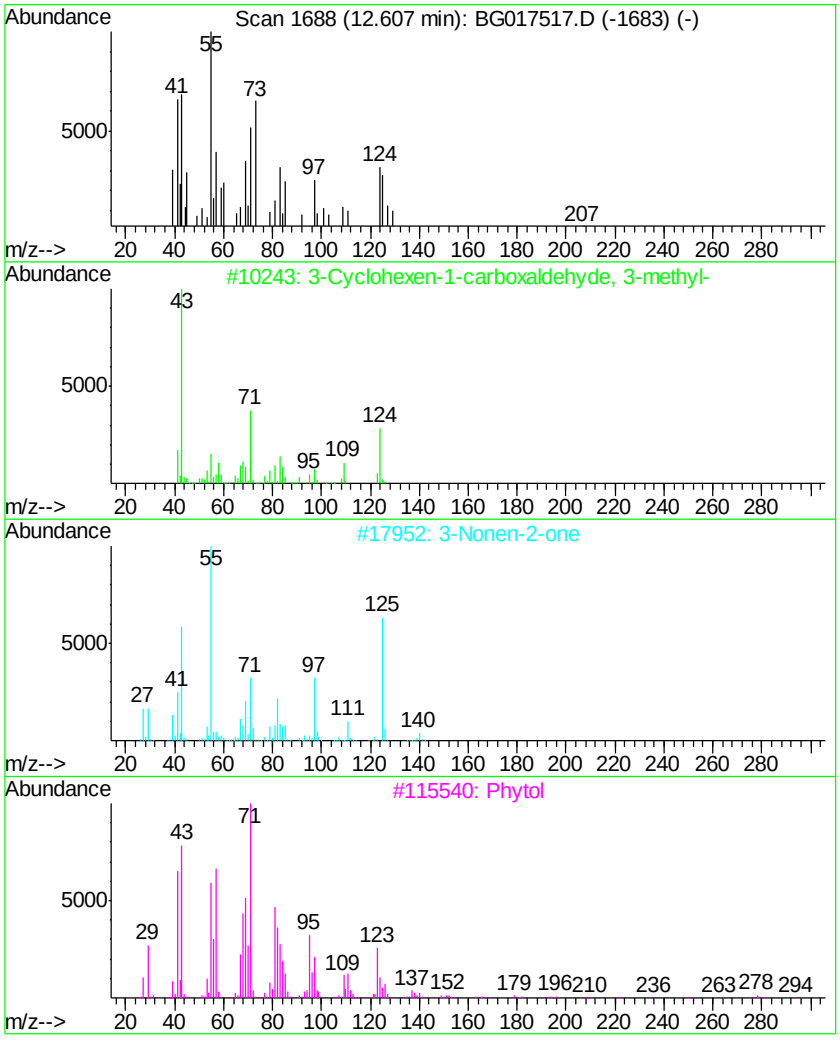
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

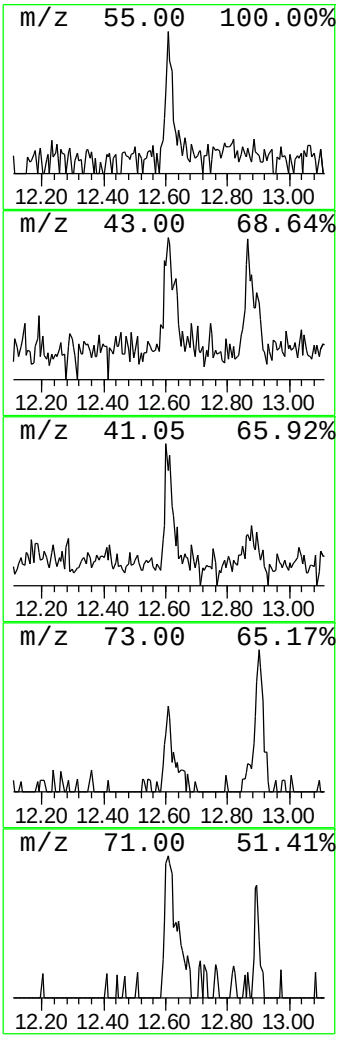
****

Peak Number 5 unknown12.61 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	2.53 ng	30471	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexen-1-carboxaldehyde, 3...	124	C8H12O	056980-32-6	30
2	3-Nonen-2-one	140	C9H16O	014309-57-0	27
3	Phytol	296	C20H40O	000150-86-7	22
4	2-Bromononane	206	C9H19Br	002216-35-5	22
5	Diisoamylene	140	C10H20	054063-09-1	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017517.D
Acq On : 7 Jun 2015 3:01
Operator : TP/IZ
Sample : G2491-12RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

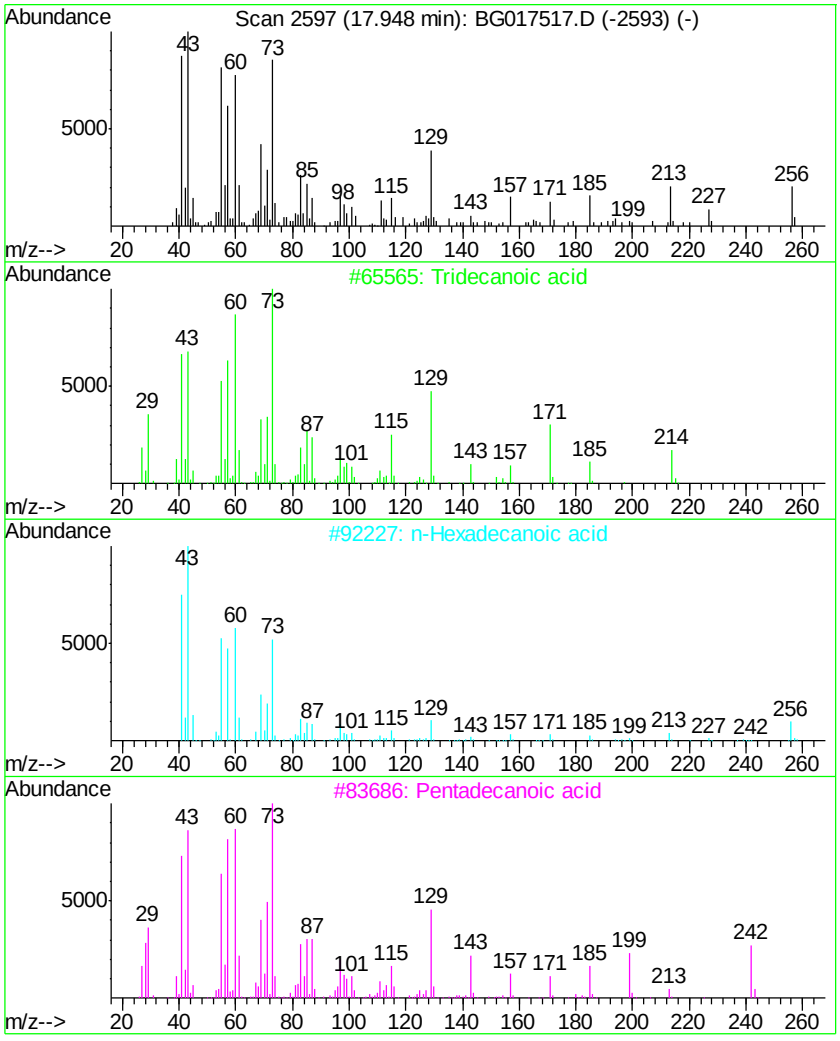
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

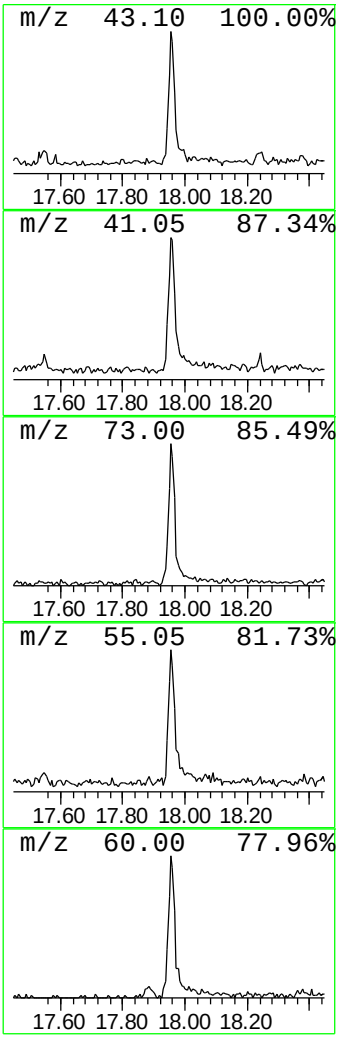
****

Peak Number 6 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	15.33 ng	231452	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017517.D
Acq On : 7 Jun 2015 3:01
Operator : TP/IZ
Sample : G2491-12RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

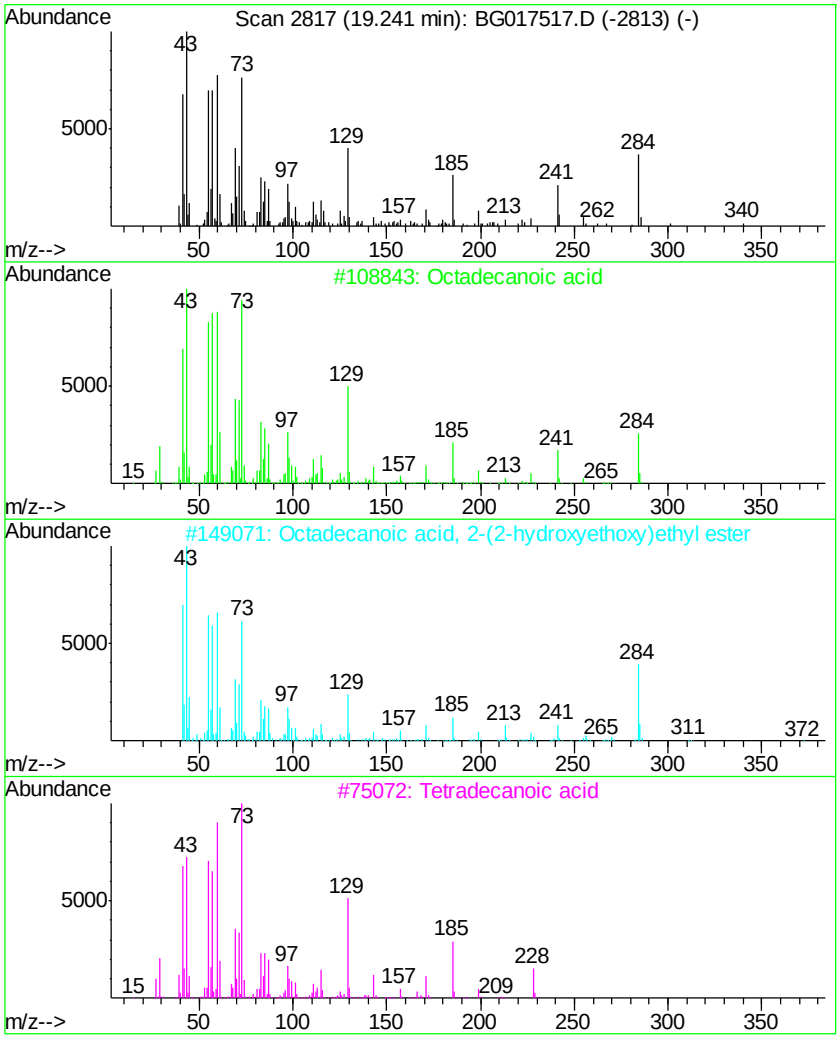
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

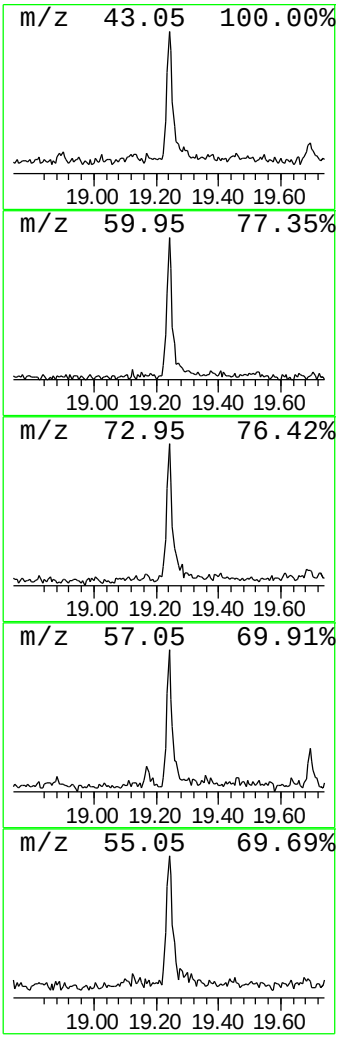
****

Peak Number 7 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	11.11 ng	204284	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017517.D
Acq On : 7 Jun 2015 3:01
Operator : TP/IZ
Sample : G2491-12RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

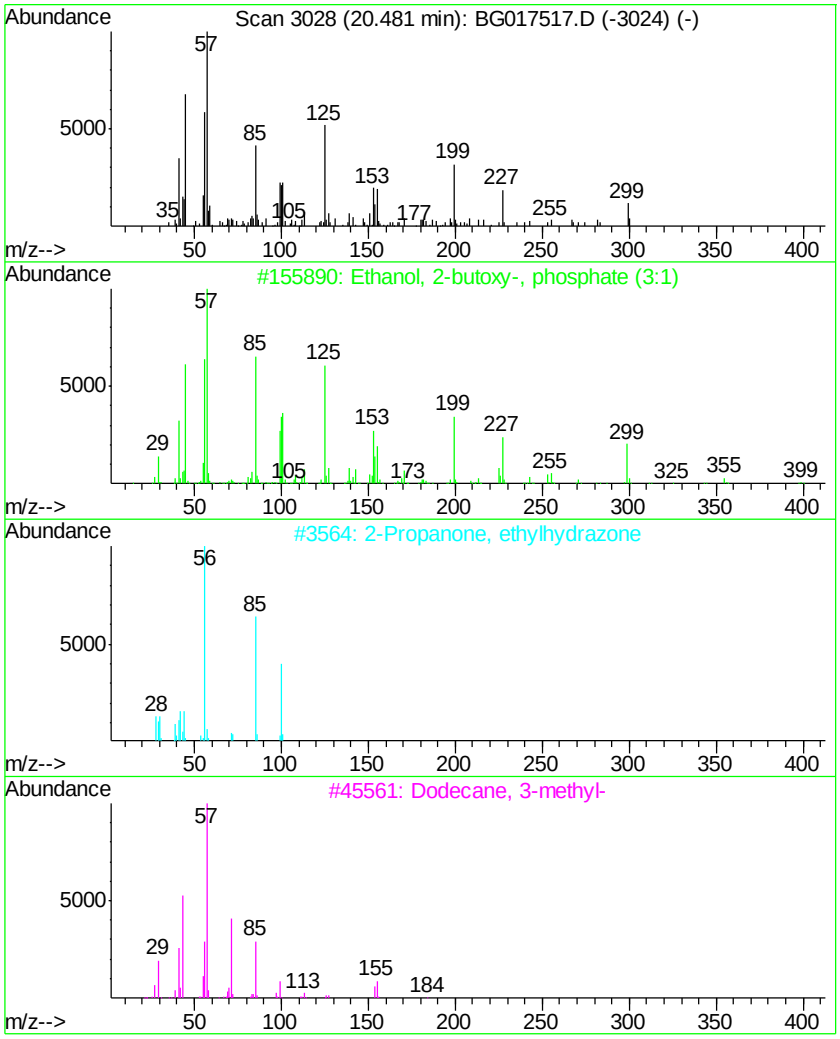
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

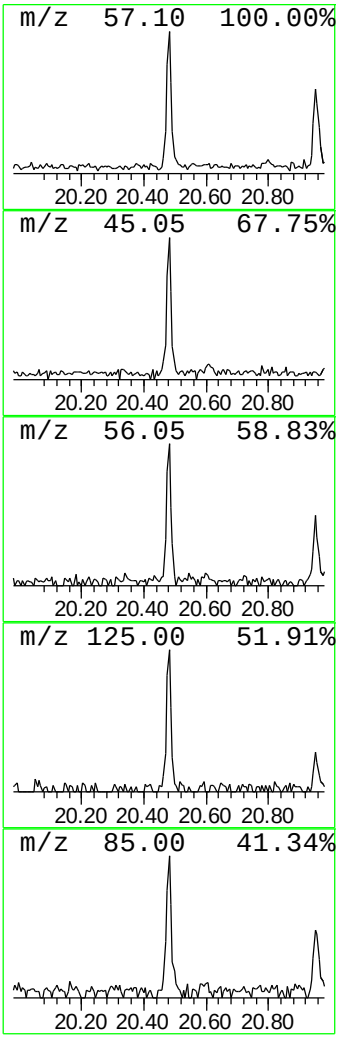
****

Peak Number 8 Ethanol, 2-butoxy-, phospha... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	4.31 ng	79183	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	72
2	2-Propanone, ethylhydrazone	100	C5H12N2	007422-99-3	22
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	14
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	10
5	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017517.D
Acq On : 7 Jun 2015 3:01
Operator : TP/IZ
Sample : G2491-12RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

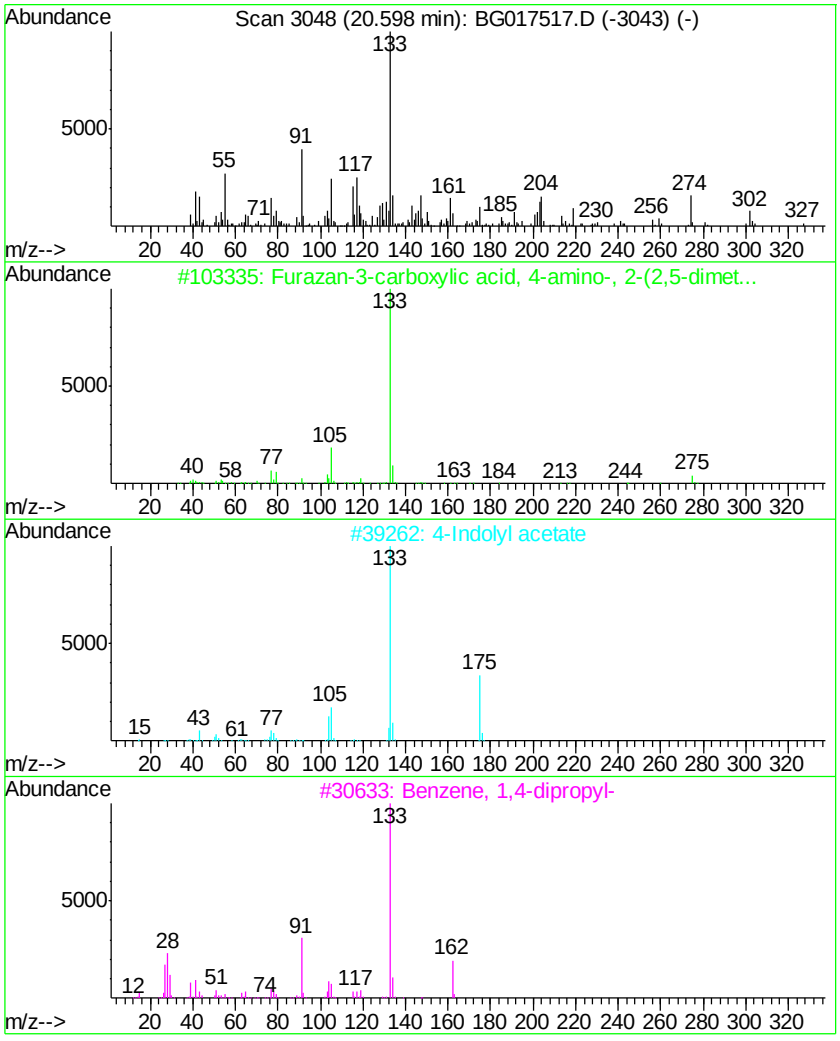
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

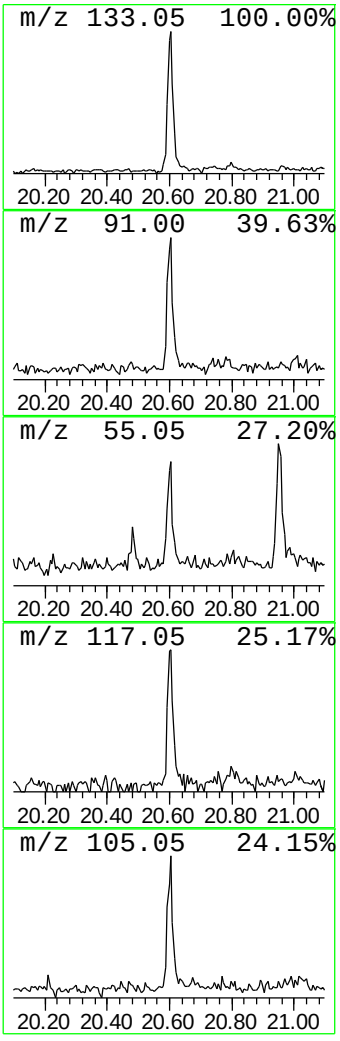
****

Peak Number 9 unknown20.60 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	10.44 ng	191994	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furazan-3-carboxylic acid, 4-ami...	275	C13H13N3O4	296244-74-1	38
2	4-Indolyl acetate	175	C10H9NO2	005585-96-6	38
3	Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	35
4	Butyric acid, 3-(2,5-dimethylben...	234	C14H18O3	030316-13-3	35
5	1H-Inden-2-amine, 2,3-dihydro-	133	C9H11N	002975-41-9	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017517.D
Acq On : 7 Jun 2015 3:01
Operator : TP/IZ
Sample : G2491-12RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

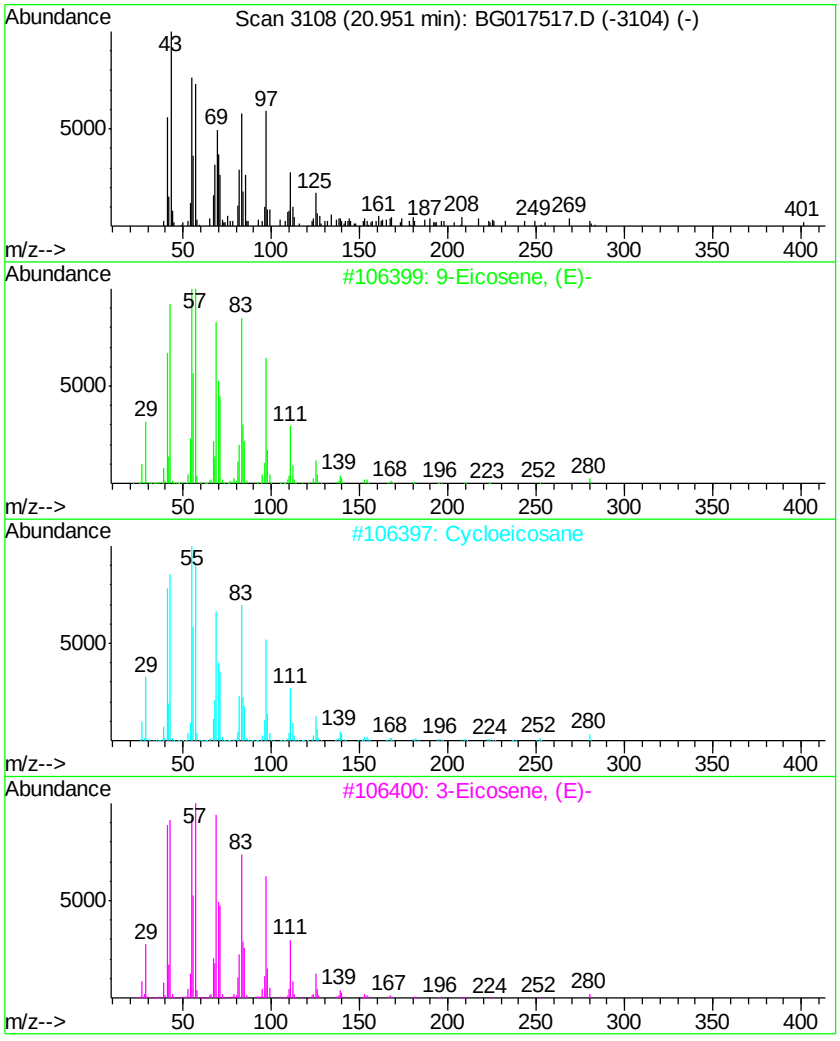
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

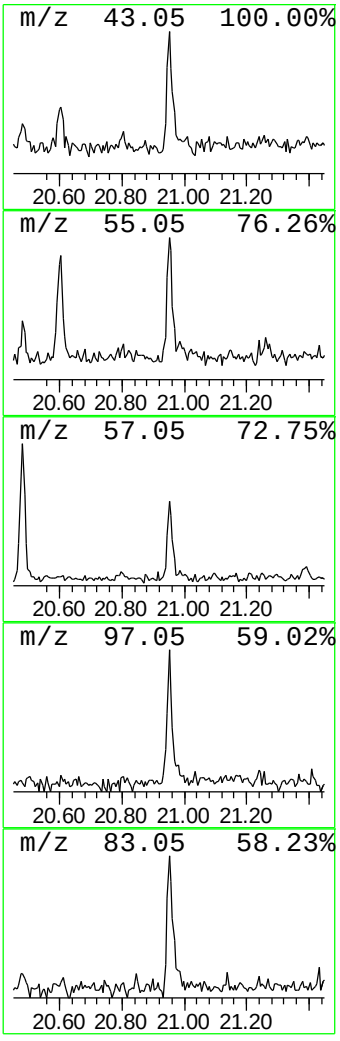
****

Peak Number 10 9-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	4.99 ng	91808	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	98
2	Cycloeicosane	280	C20H40	000296-56-0	97
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
5	1-Eicosene	280	C20H40	003452-07-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017517.D
Acq On : 7 Jun 2015 3:01
Operator : TP/IZ
Sample : G2491-12RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.76	34.7	ng	201590	1	7.62	116114	20.0
1,3-Oxathiolane	4.23	7.1	ng	40965	1	7.62	116114	20.0
unknown7.17	7.17	26.8	ng	155780	1	7.62	116114	20.0
unknown12.61	12.61	2.5	ng	30471	3	14.29	240489	20.0
Tridecanoic acid	17.95	15.3	ng	231452	4	17.04	302056	20.0
Octadecanoic acid	19.24	11.1	ng	204284	5	21.24	367675	20.0
Ethanol, 2-butoxy...	20.48	4.3	ng	79183	5	21.24	367675	20.0
unknown20.60	20.60	10.4	ng	191994	5	21.24	367675	20.0
9-Eicosene, (E)-	20.95	5.0	ng	91808	5	21.24	367675	20.0