LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

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-BG051315.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	2.795	13	18	28	rBV	205155	393456	10.87%	1.732%
2	2.877	28	32	44	rVB	497011	652018	18.01%	2.870%
3	4.816	357	362	368	rVB	35473	54270	1.50%	0.239%
4	5.303	437	445	455	rVB	507477	731611	20.20%	3.221%
5	6.907	712	718	726	rVB	341774	530429	14.65%	2.335%
6	7.248	768	776	783	rBV	1231011	1825504	50.41%	8.036%
7	7.489	810	817	823	rBV	135342	206141	5.69%	0.907%
8	7.707	848	854	861	rVB2	208915	329830	9.11%	1.452%
9	8.030	902	909	916	rVB	669612	1091853	30.15%	4.806%
10	8.870	1044	1052	1058	rBV	645688	1044465	28.84%	4.598%
11	9.393	1126	1141	1151	rBV	270554	802572	22.16%	3.533%
12	9.822	1204	1214	1219	rBV7	24245	54114	1.49%	0.238%
13	10.210	1272	1280	1288	rBV3	58342	116275	3.21%	0.512%
14	10.503	1323	1330	1338	rBV	264212	423786	11.70%	1.866%
15	10.744	1362	1371	1374	rBV3	24987	48592	1.34%	0.214%
16	11.285	1454	1463	1465	rBV6	29198	57875	1.60%	0.255%
17	11.555	1503	1509	1515	rVB3	44154	90061	2.49%	0.396%
18	11.866	1552	1562	1566	rBV	102819	189328	5.23%	0.833%
19	12.712	1700	1706	1710	rBV2	24339	37899	1.05%	0.167%
20	12.983	1744	1752	1760	rVB	1566556	2258922	62.38%	9.944%
21	13.717	1874	1877	1882	rBV2	95887	166831	4.61%	0.734%
22	14.363	1977	1987	1994	rBV2	388952	615583	17.00%	2.710%
23	14.657	2030	2037	2043	rBV	95726	146315	4.04%	0.644%
24	15.080	2103	2109	2115	rBV	183695	274682	7.59%	1.209%
25	15.580	2190	2194	2199	rBV	39047	53979	1.49%	0.238%
26	15.856	2235	2241	2251	rVB	1541884	2052127	56.67%	9.034%
27	15.985	2258	2263	2269	rVB2	50427	74576	2.06%	0.328%
28	16.114	2281	2285	2291	rVB2	69022	98339	2.72%	0.433%
29	16.202	2294	2300	2304	rBV	102771	142073	3.92%	0.625%
30	16.261	2304	2310	2316	rVB2	125099	215367	5.95%	0.948%
31	16.320	2316	2320	2324	rBV2	108330	146938	4.06%	0.647%
32	16.367	2324	2328	2332	rVB	66593	83532	2.31%	0.368%
33	16.414	2332	2336	2338	rBV2	26666	38314	1.06%	0.169%
34	16.467	2343	2345	2349	rVV	47892	53840	1.49%	0.237%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

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-BG051315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.520	2349	2354	2360	rVV4	114669	205765	5.68%	0.906%
36	16.584	2360	2365	2370	rVV	113227	170198	4.70%	0.749%
37	16.661	2374	2378	2384	rVB2	70685	96829	2.67%	0.426%
38	17.107	2446	2454	2459	rBV2	532969	742316	20.50%	3.268%
39	17.413	2500	2506	2514	rBV2	18858	46375	1.28%	0.204%
40	17.495	2516	2520	2523	rBV	37142	50593	1.40%	0.223%
41	17.889	2581	2587	2591	rBV7	51560	106888	2.95%	0.471%
42	18.012	2604	2608	2612	rBV2	134924	173803	4.80%	0.765%
43	18.053	2612	2615	2618	rVB4	31464	41990	1.16%	0.185%
44	19.293	2822	2826	2834	rBV3	50184	87486	2.42%	0.385%
45	19.557	2867	2871	2882	rVB	167842	210499	5.81%	0.927%
46	19.745	2897	2903	2909	rBV	2890862	3620996	100.00%	15.940%
47	21.009	3114	3118	3125	rVB2	128074	167256	4.62%	0.736%
48	21.208	3150	3152	3157	rVB2	38182	43347	1.20%	0.191%
49	21.291	3161	3166	3172	rVV	690960	835744	23.08%	3.679%
50	22.483	3364	3369	3374	rBV	145185	200453	5.54%	0.882%
51	23.559	3545	3552	3561	rVB	429732	814156	22.48%	3.584%

Sum of corrected areas: 22716191

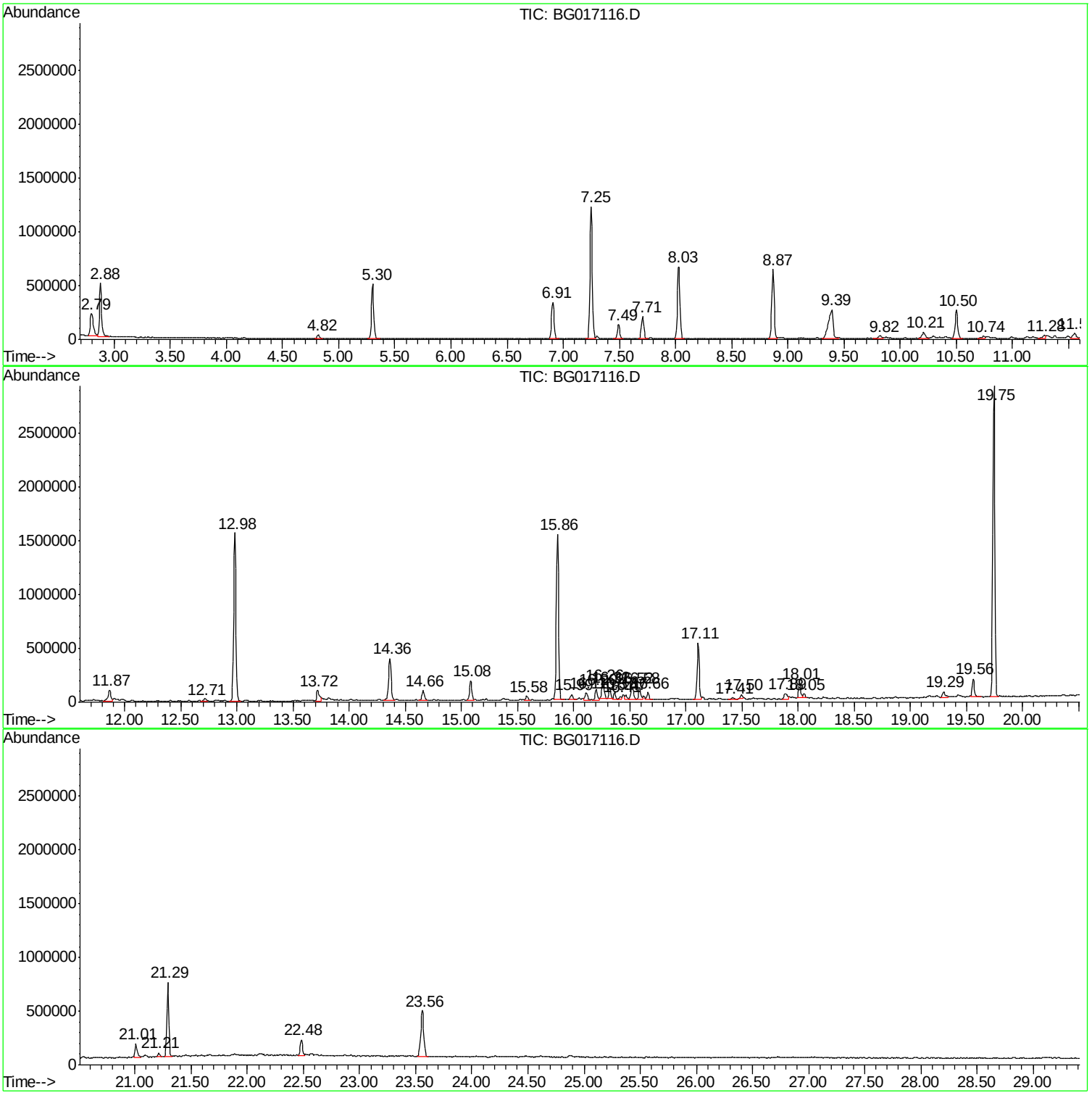
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

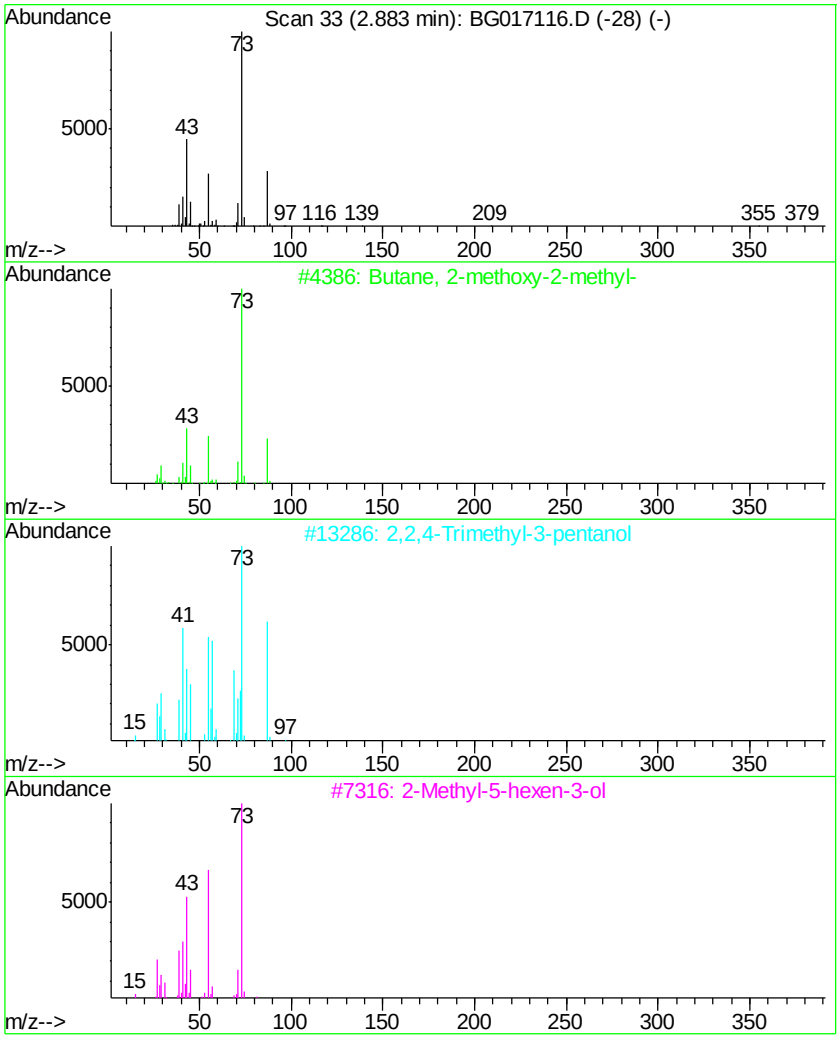
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

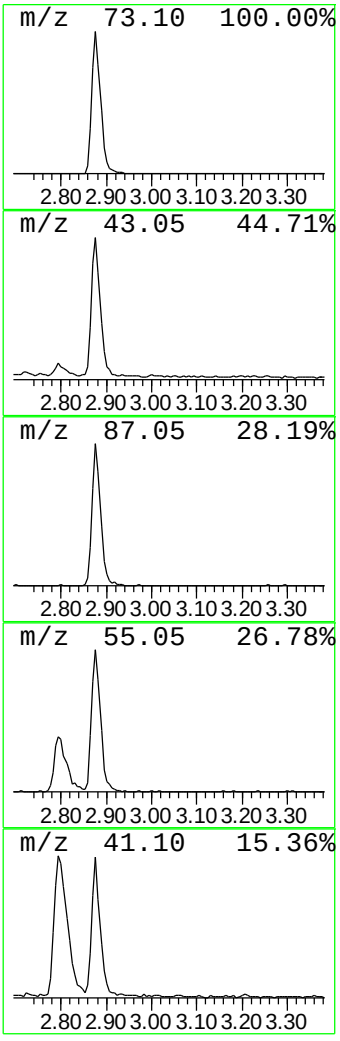
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	39.54 ng	652018	1,4-Dichlorobenzene-d4	7.71

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	64
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

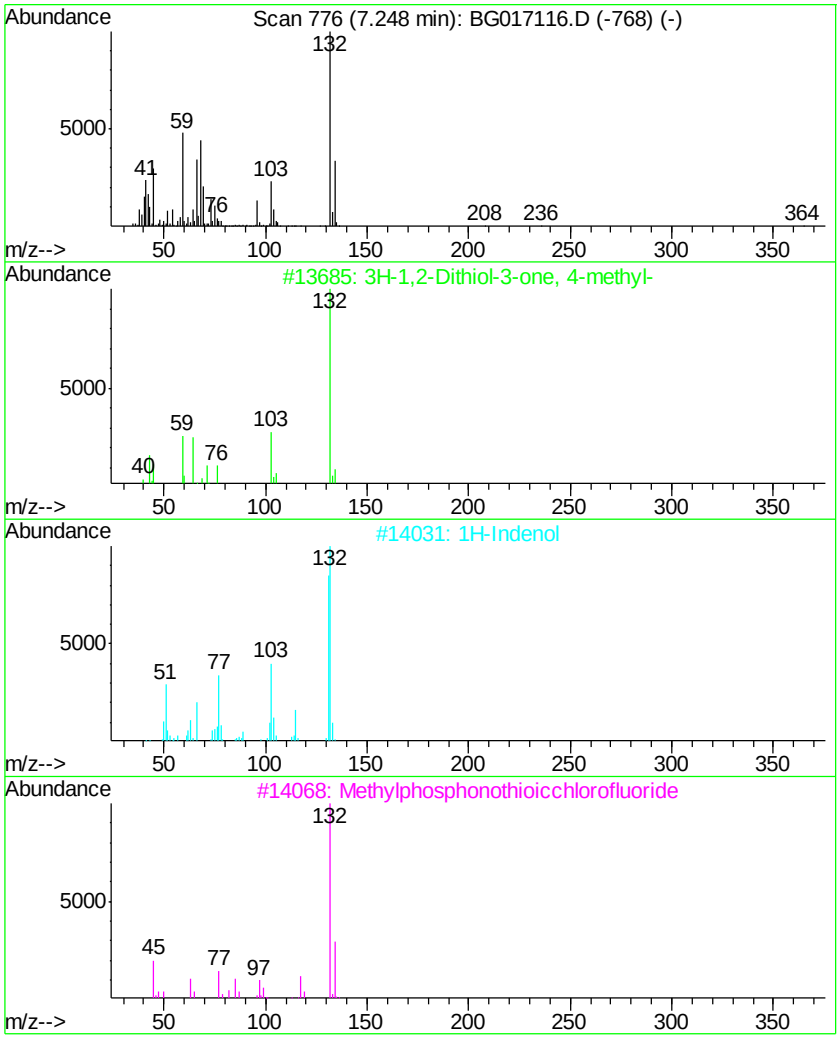
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

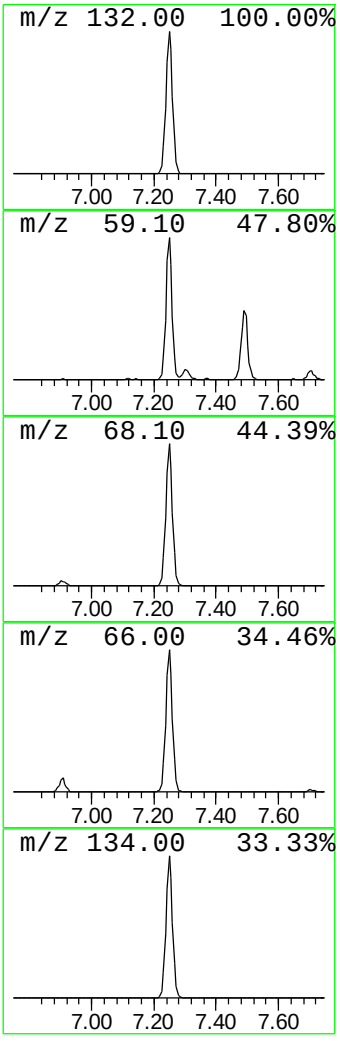
****

Peak Number 3 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	110.69 ng	1825500	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,2-Dithiol-3-one, 4-methyl-	132	C4H4OS2	003620-10-8	16
2	1H-Indenol	132	C9H8O	056631-57-3	14
3	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	12
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

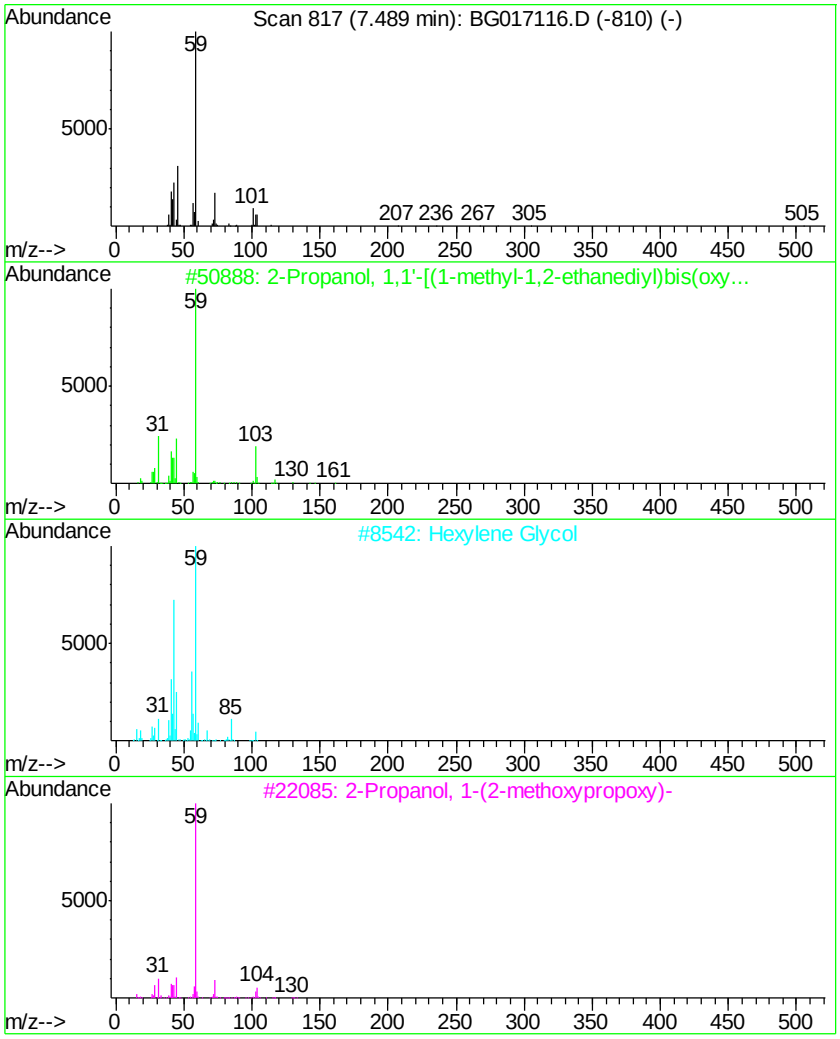
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

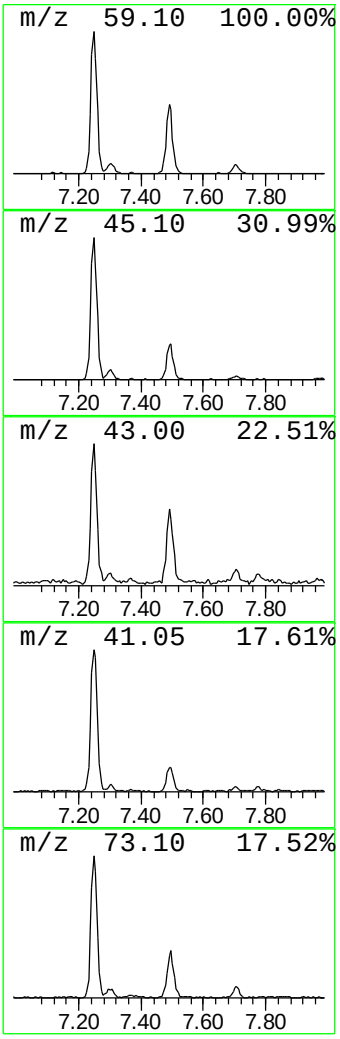
****

Peak Number 4 2-Propanol, 1,1'-[(1-methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	12.50 ng	206141	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	56
2	Hexylene Glycol	118	C6H14O2	000107-41-5	50
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
4	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	50
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	42





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

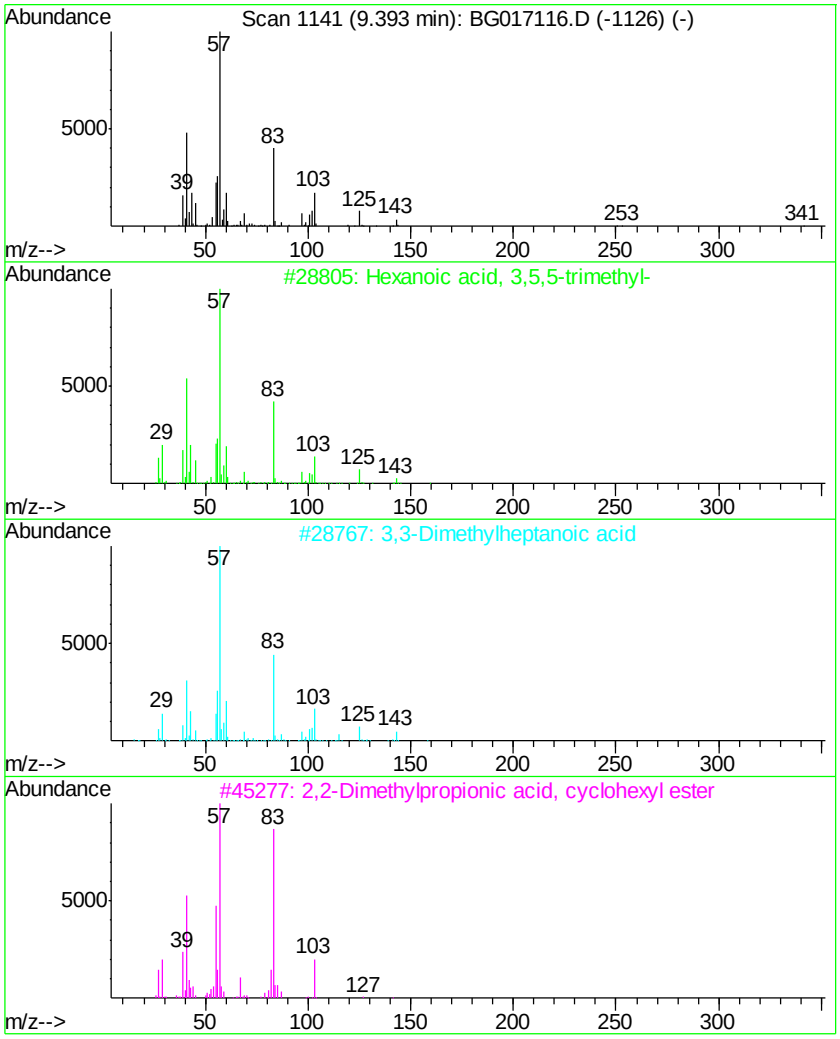
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

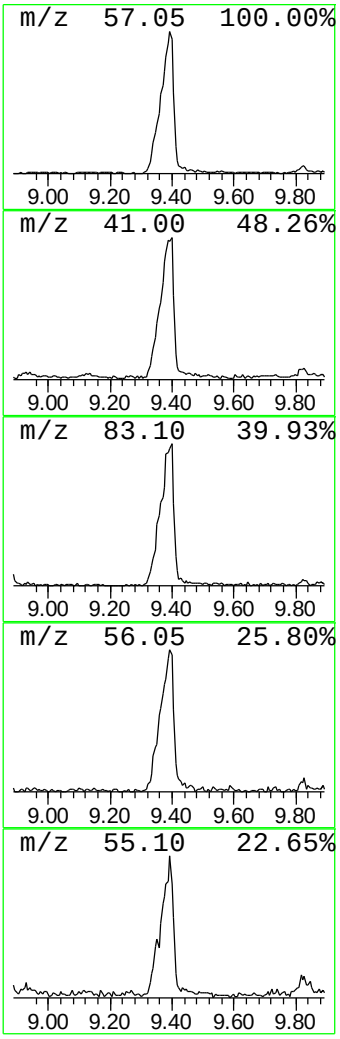
****

Peak Number 6 Hexanoic acid, 3,5,5-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	37.88 ng	802572	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	90
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	40
3	2,2-Dimethylpropionic acid, cycl...	184	C11H20O2	029878-49-7	23
4	Propanoic acid, 2,2-dimethyl-, h...	200	C12H24O2	017660-61-6	22
5	Propanoic acid, 2,2-dimethyl-, h...	186	C11H22O2	005434-57-1	14





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

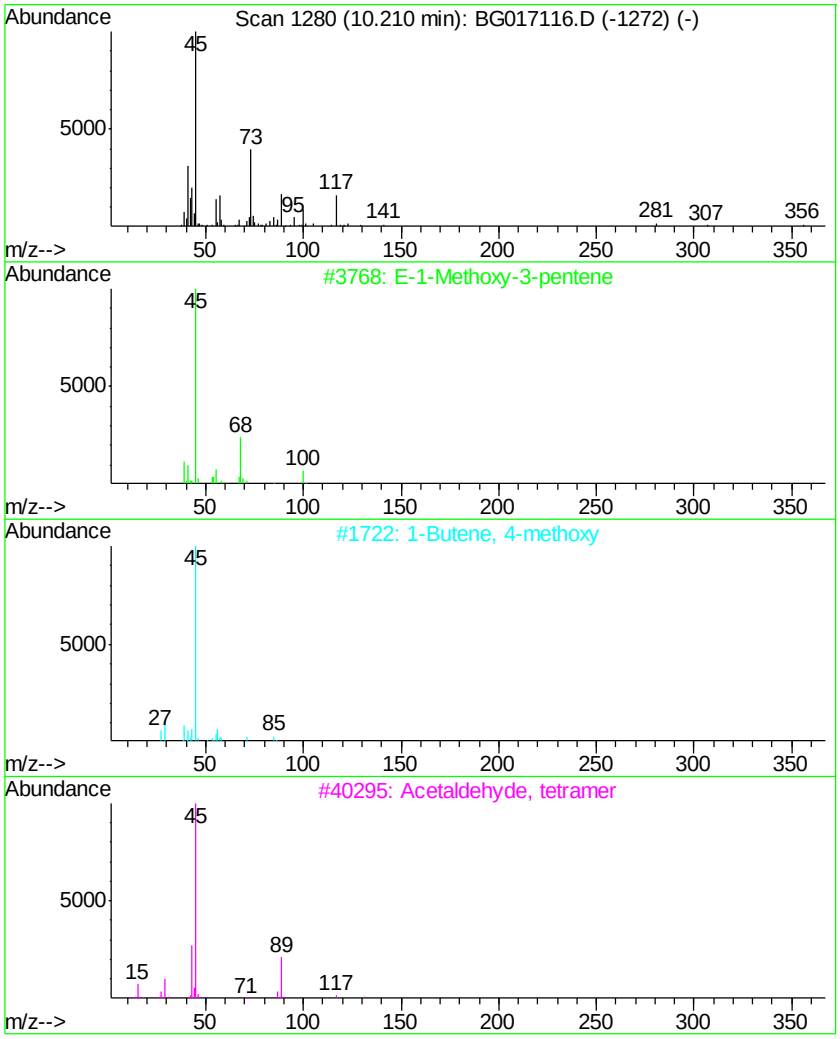
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

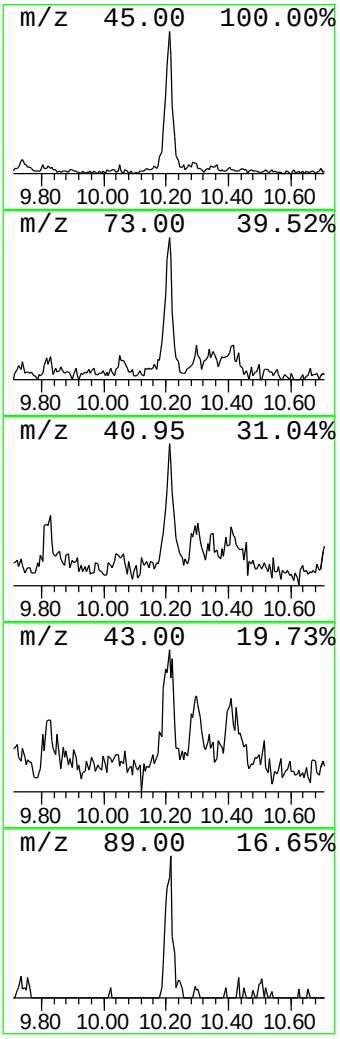
****

Peak Number 7 E-1-Methoxy-3-pentene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	5.49 ng	116275	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-1-Methoxy-3-pentene	100	C6H12O	018059-22-8	50
2	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	49
3	Acetaldehyde, tetramer	176	C8H16O4	000108-62-3	42
4	Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	42
5	Tetraethylene glycol diethyl ether	250	C12H26O5	004353-28-0	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

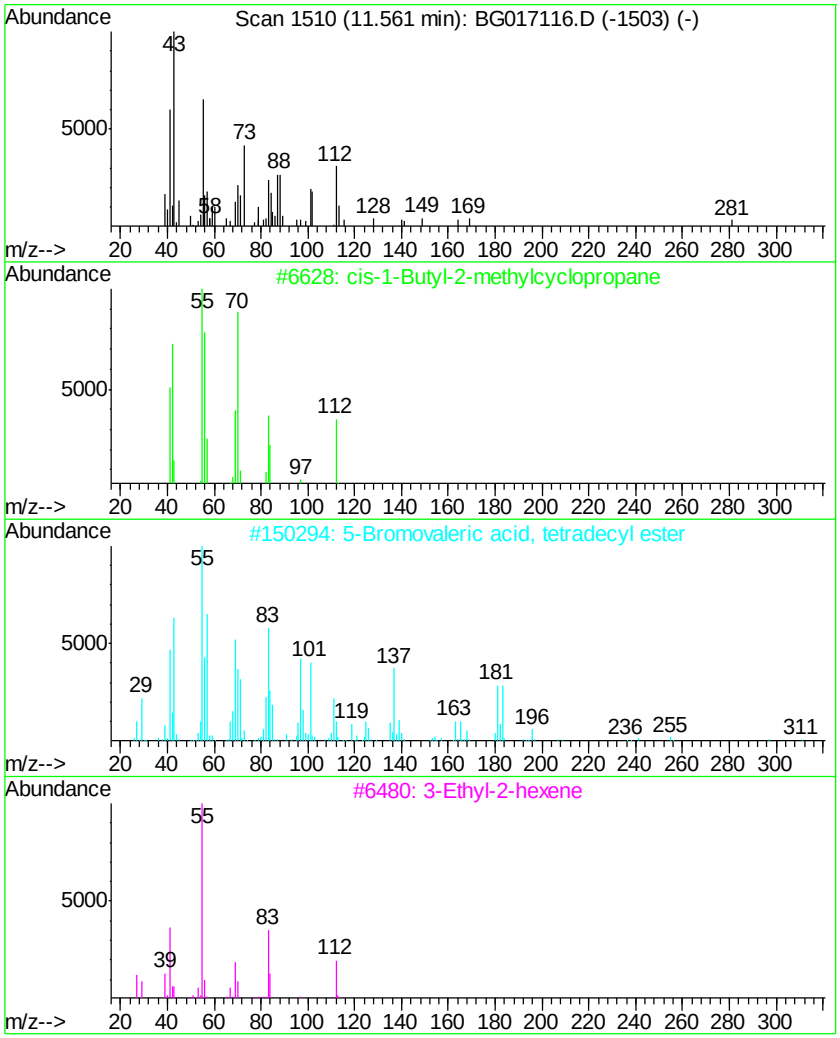
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

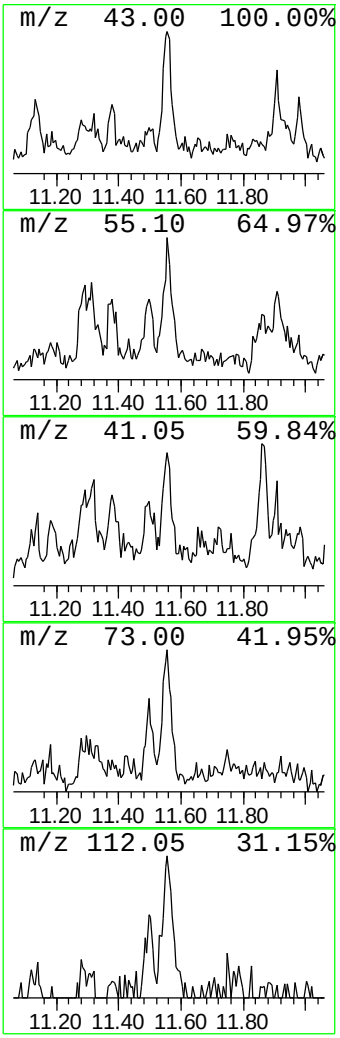
****

Peak Number 8 unknown11.56 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	4.25 ng	90061	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	43
2	5-Bromovaleric acid, tetradecyl ...	376	C19H37BrO2	1000292-29-1	43
3	3-Ethyl-2-hexene	112	C8H16	000620-00-8	38
4	Trichloroacetic acid, 4-tridecyl...	344	C15H27Cl3O2	1000282-06-5	35
5	7-Tetradecene, (E)-	196	C14H28	041446-63-3	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

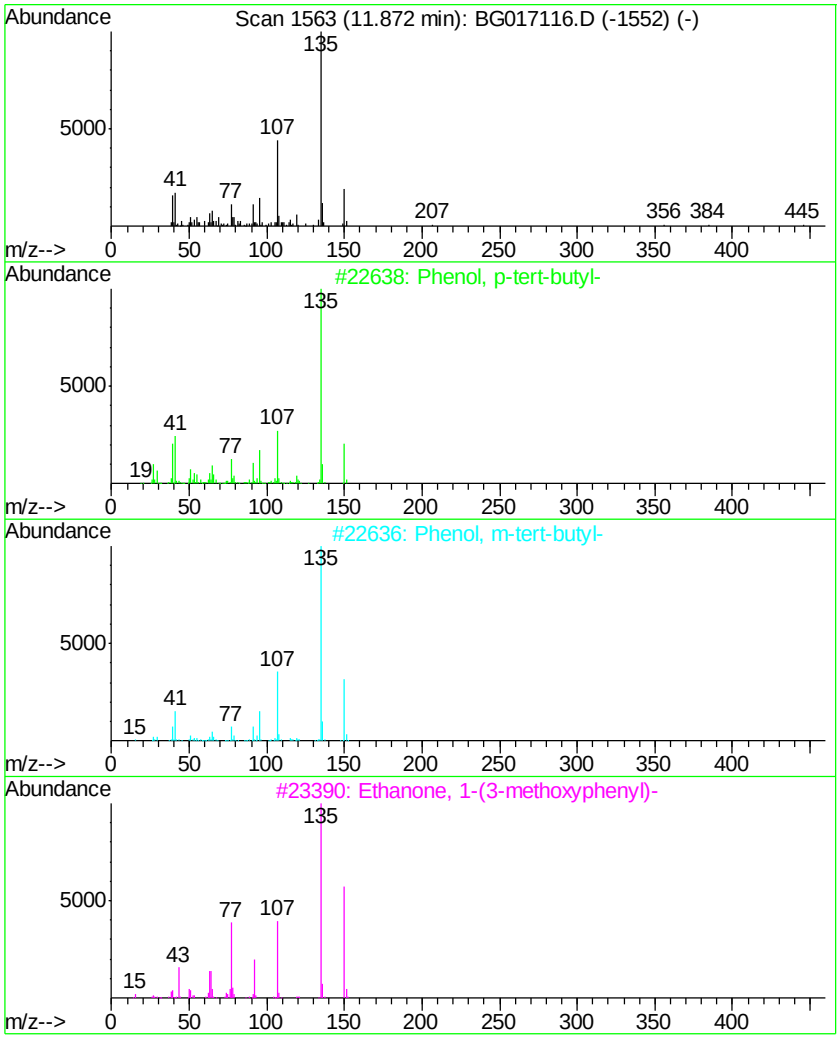
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

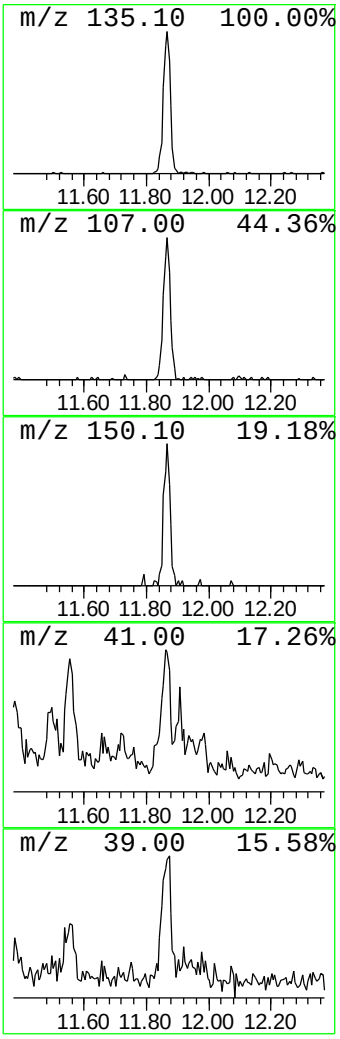
****

Peak Number 9 Phenol, p-tert-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	8.94 ng	189328	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
3	Ethanone, 1-(3-methoxyphenyl)-	150	C9H10O2	000586-37-8	64
4	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	64
5	Thymol	150	C10H14O	000089-83-8	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

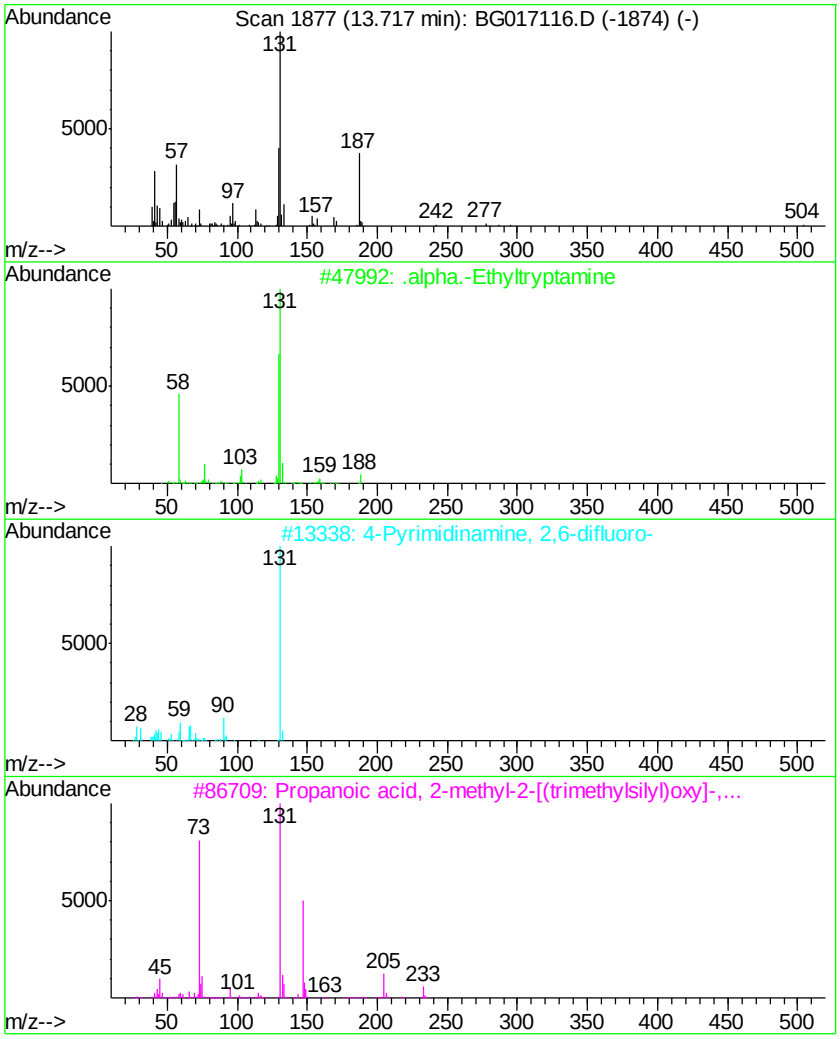
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

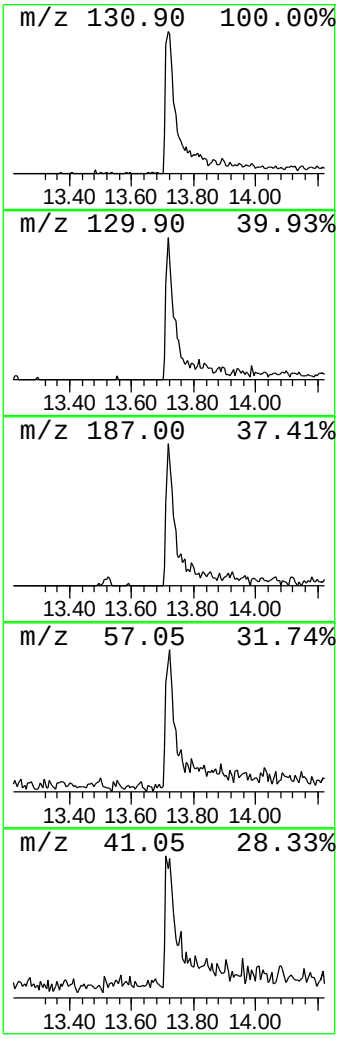
****

Peak Number 10 unknown13.72 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.42 ng	166831	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Ethyltryptamine	188	C12H16N2	002235-90-7	35
2	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	25
3	Propanoic acid, 2-methyl-2-[(tri...	248	C10H24O3Si2	055133-92-1	23
4	1H-Indole-3-ethanamine, .alpha.-...	174	C11H14N2	000299-26-3	17
5	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

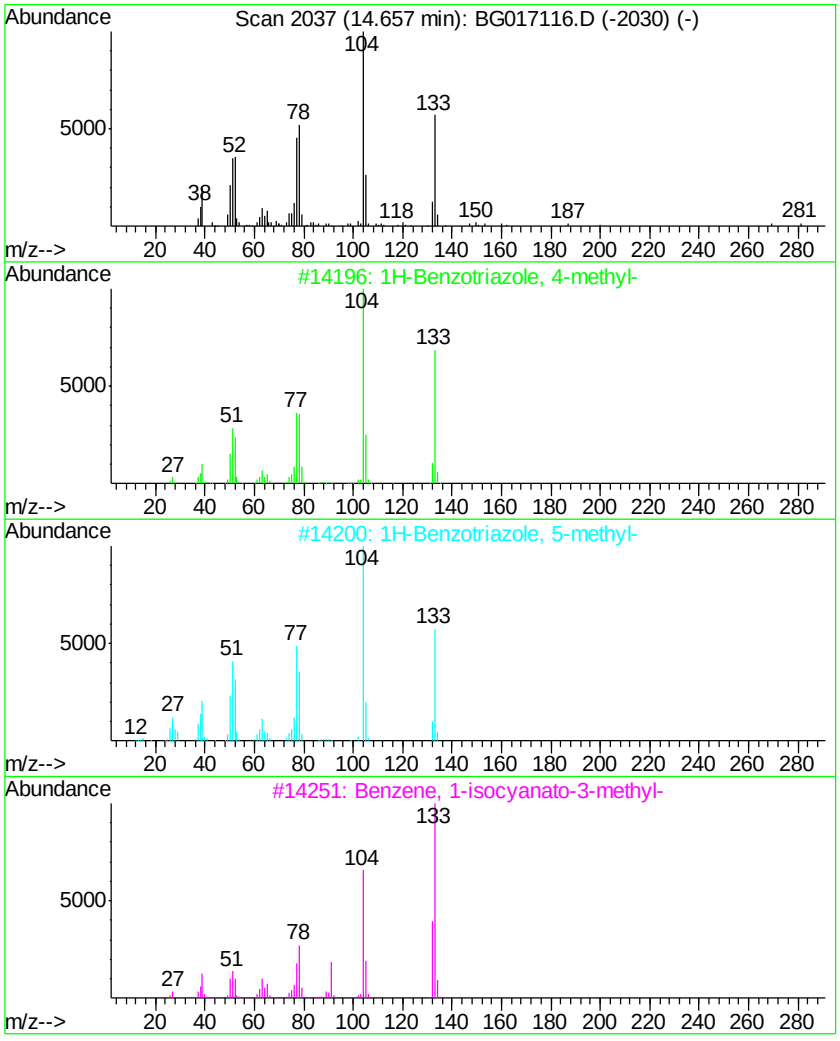
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

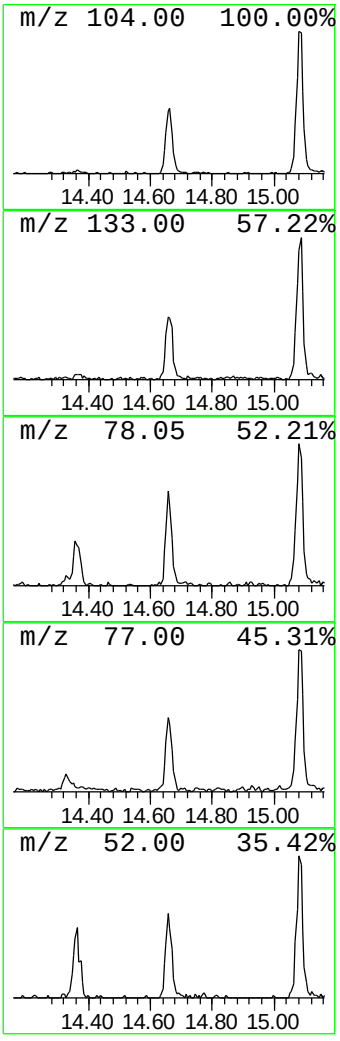
****

Peak Number 11 1H-Benzotriazole, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	4.75 ng	146315	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	97
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	96
3	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	90
4	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	87
5	Benzene, 1-isocyanato-4-methyl-	133	C8H7NO	000622-58-2	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

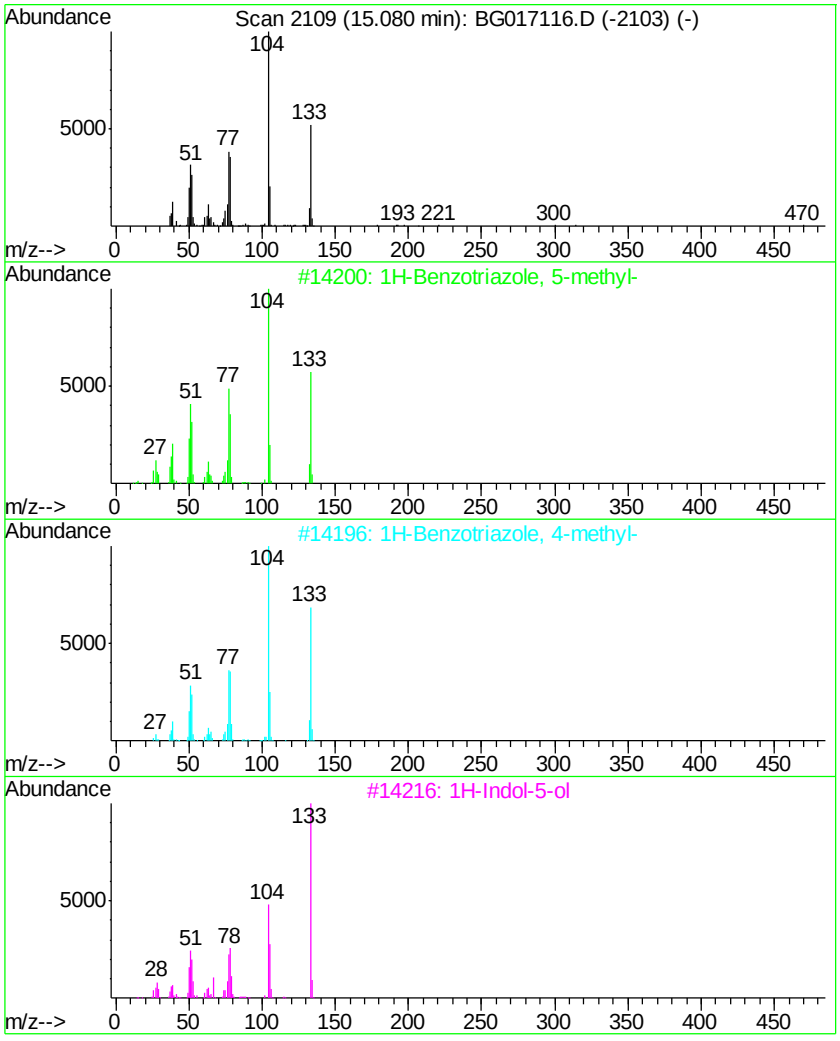
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

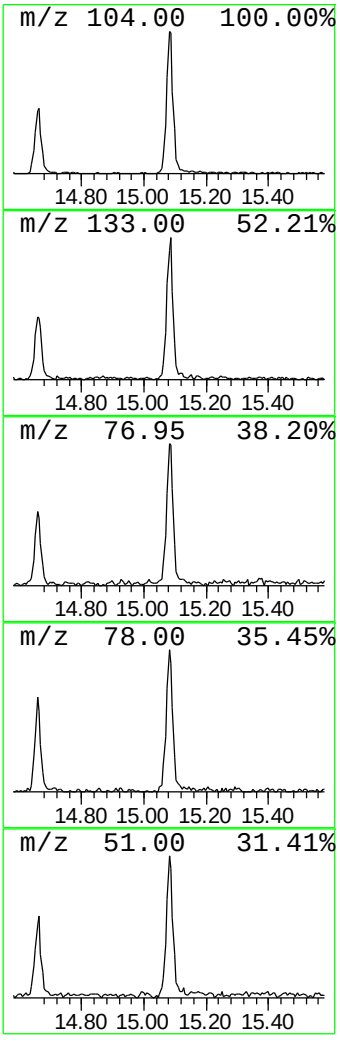
****

Peak Number 12 1H-Benzotriazole, 5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	8.92 ng	274682	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	98
2	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	95
3	1H-Indol-5-ol	133	C8H7NO	001953-54-4	68
4	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	64
5	1H-Indol-4-ol	133	C8H7NO	002380-94-1	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

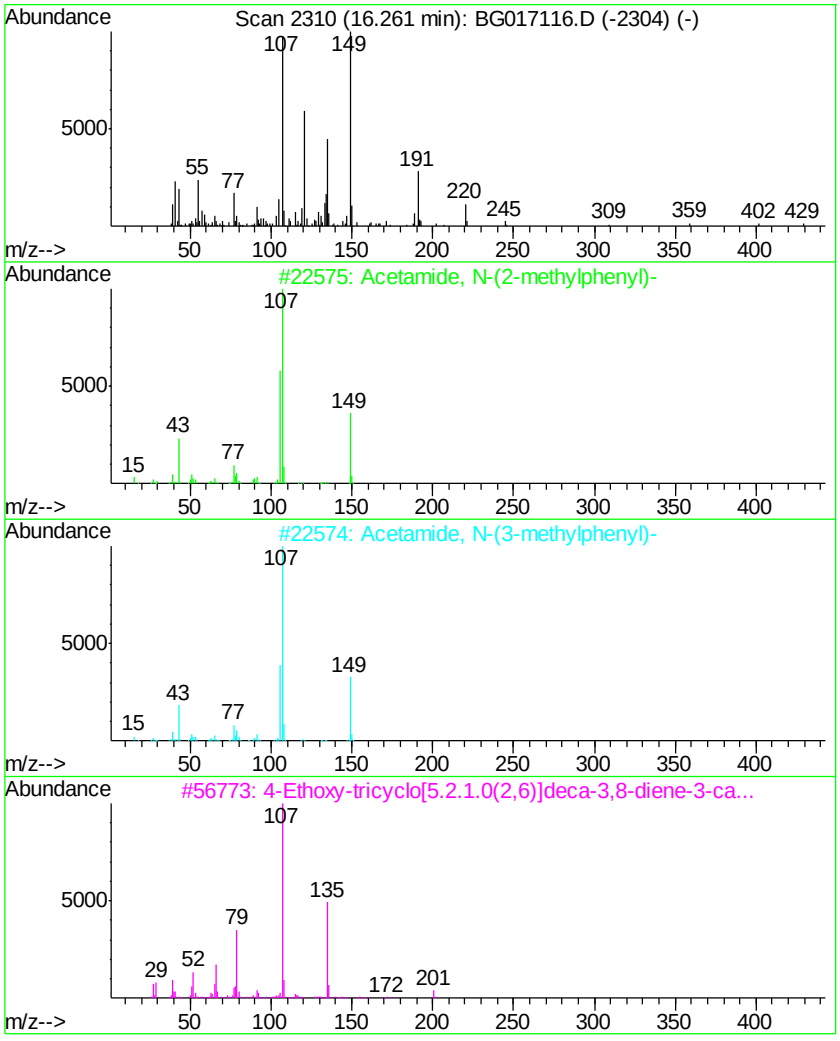
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

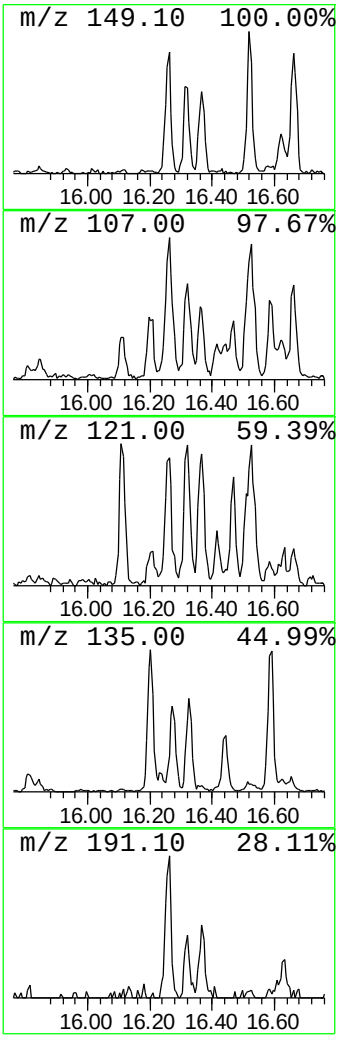
****

Peak Number 13 unknown16.26 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	5.80 ng	215367	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
3	4-Ethoxy-tricyclo[5.2.1.0(2,6)]d...	201	C13H15NO	1000193-61-5	35
4	1,3-Cyclopentadiene, 1,3-bis(1-m...	150	C11H18	123278-27-3	35
5	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

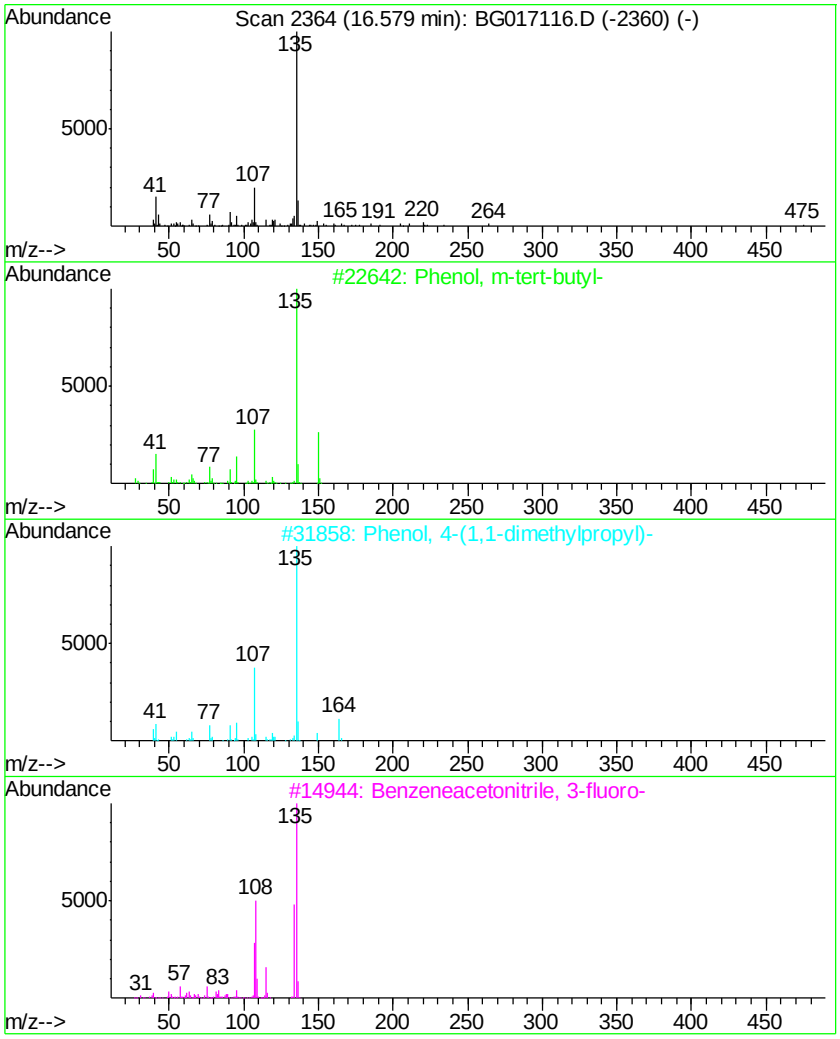
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

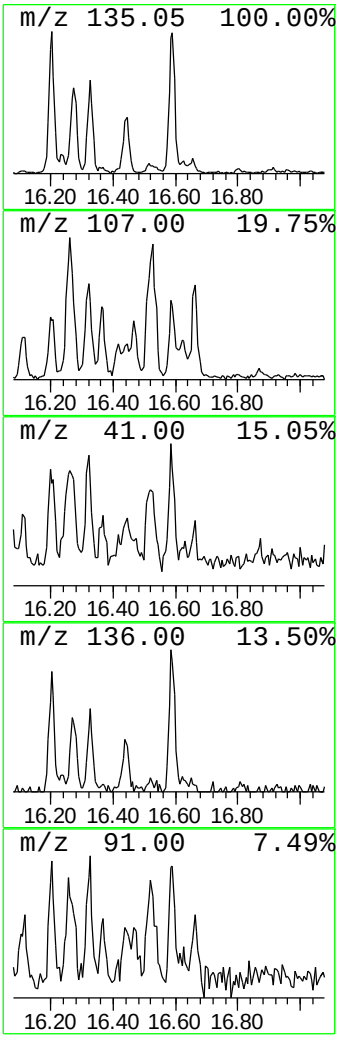
****

Peak Number 16 Phenol, m-tert-butyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	4.59 ng	170198	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	72
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
3	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	72
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

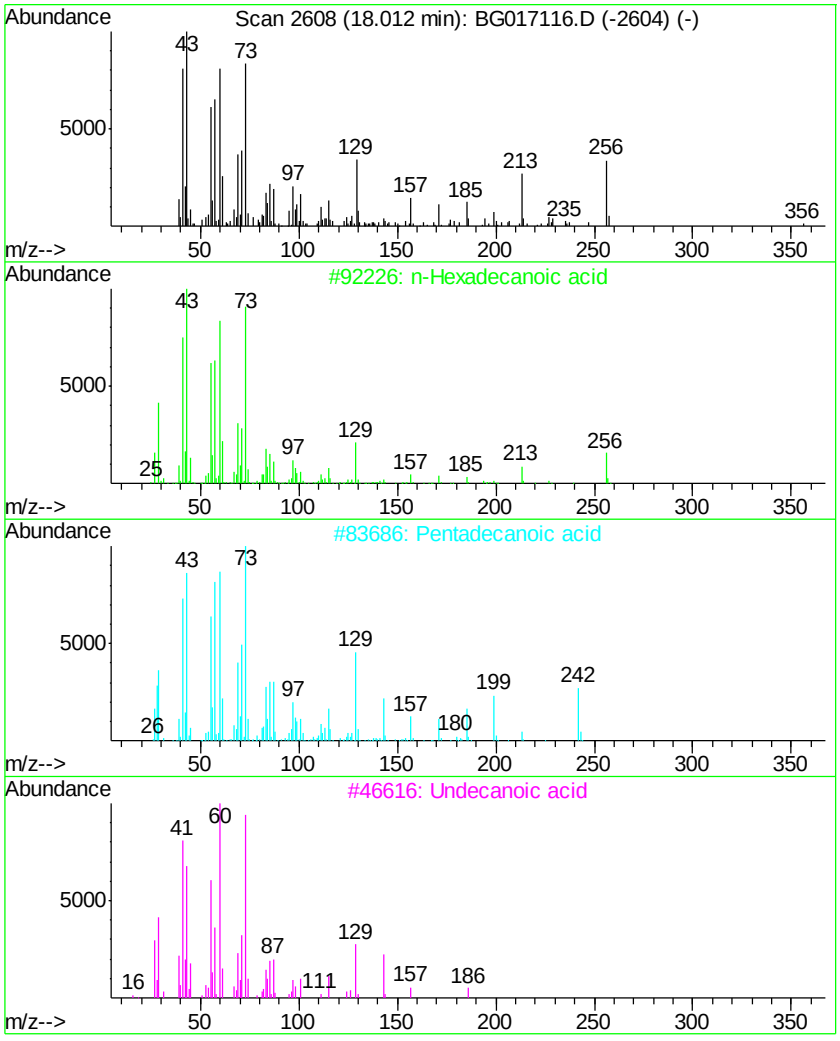
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

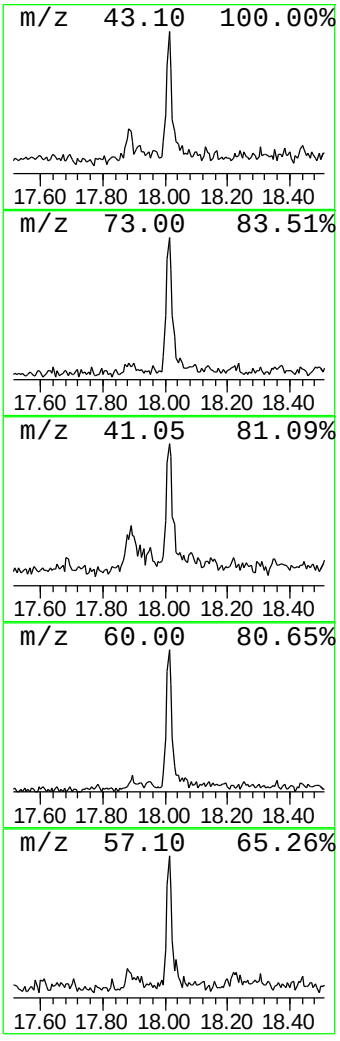
****

Peak Number 17 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	4.68 ng	173803	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	Undecanoic acid	186	C11H22O2	000112-37-8	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

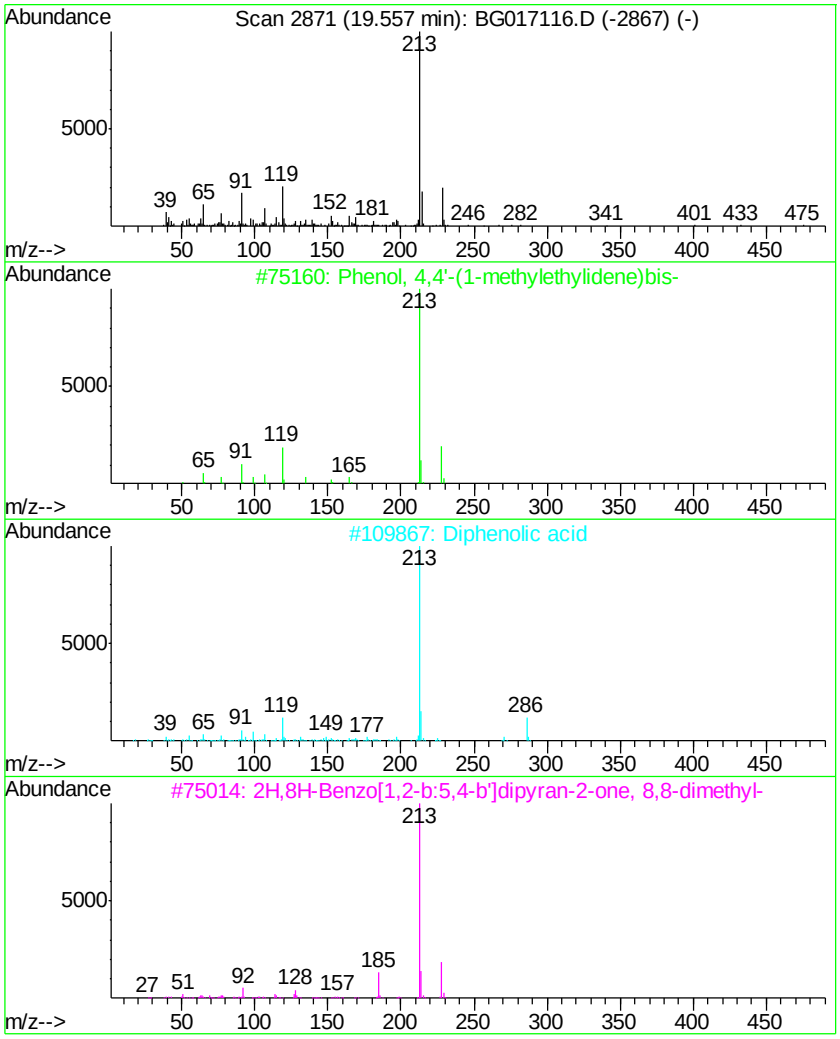
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

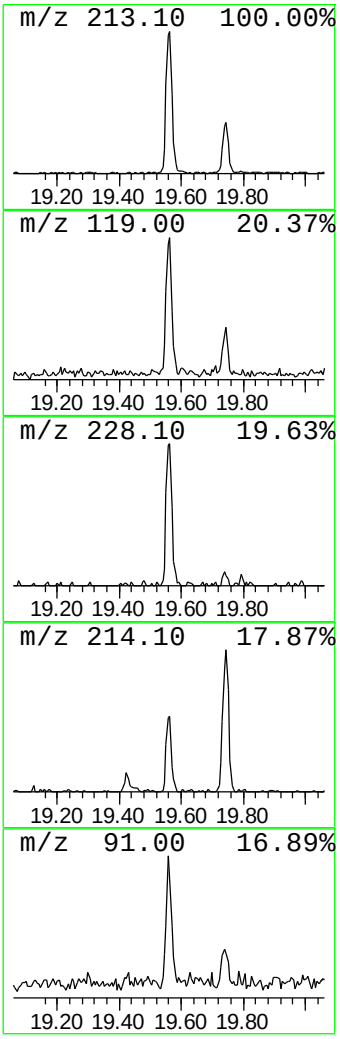
****

Peak Number 18 Phenol, 4,4'-(1-methylethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	5.04 ng	210499	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	93
2	Diphenolic acid	286	C17H18O4	000126-00-1	59
3	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58
4	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	50
5	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

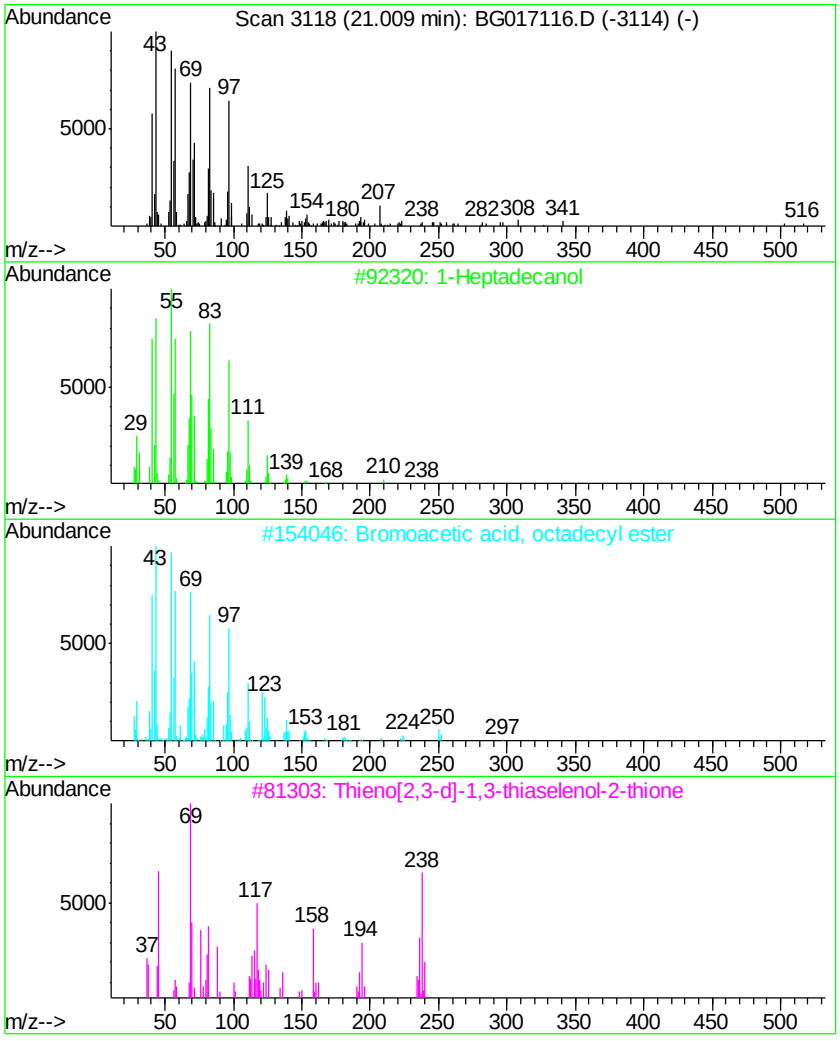
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

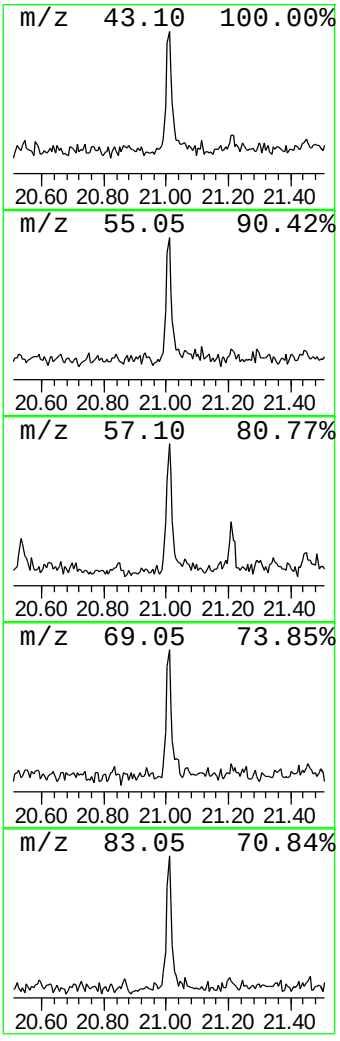
****

Peak Number 19 1-Heptadecanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	4.00 ng	167256	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol	256	C17H36O	001454-85-9	81
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	81
3	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	64
4	1-Hexadecanol	242	C16H34O	036653-82-4	64
5	1-Docosene	308	C22H44	001599-67-3	60





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

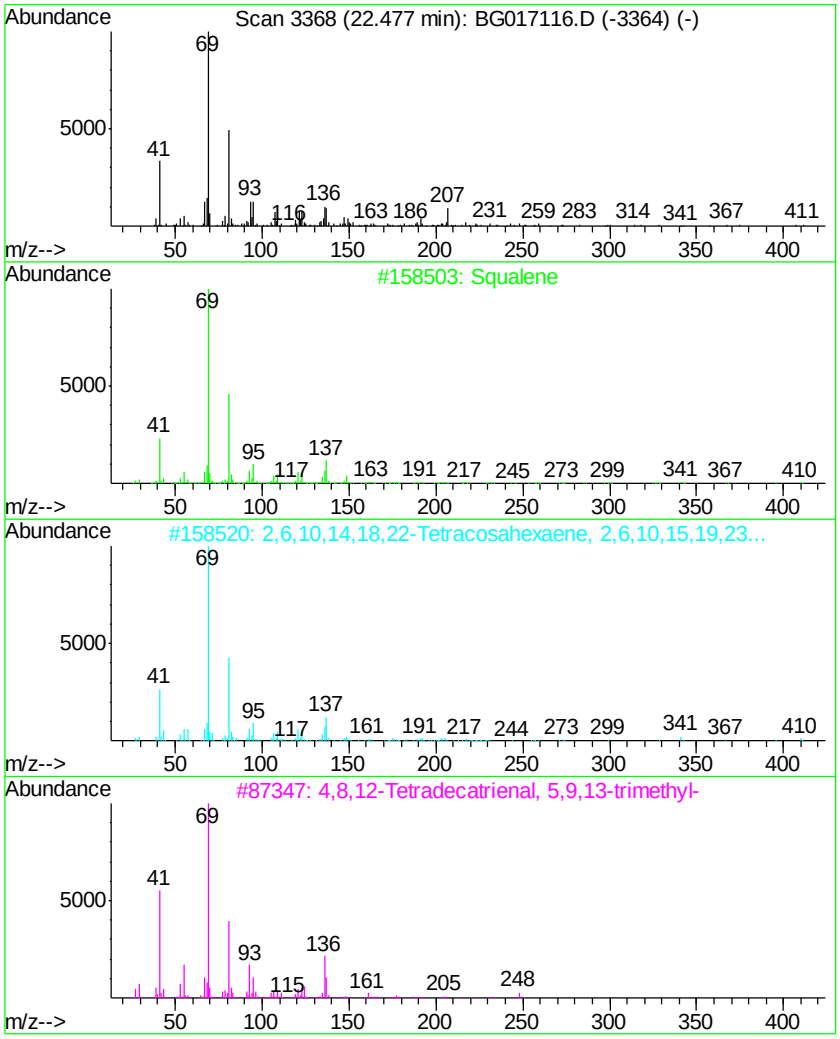
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

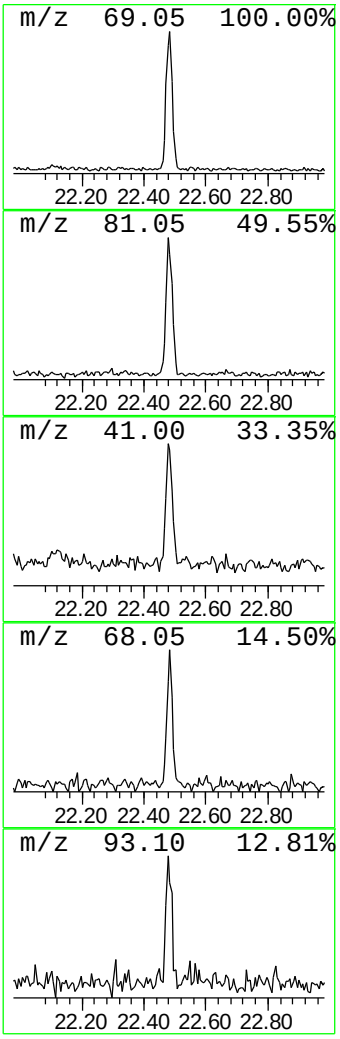
****

Peak Number 20 Squalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	4.92 ng	200453	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	98
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	80
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	80
4	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	72
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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...	2.88	39.5	ng	652018	1	7.71	329830	20.0
unknown7.25	7.25	110.7	ng	1825500	1	7.71	329830	20.0
2-Propanol, 1,1'-...	7.49	12.5	ng	206141	1	7.71	329830	20.0
Hexanoic acid, 3,...	9.39	37.9	ng	802572	2	10.50	423786	20.0
E-1-Methoxy-3-pen...	10.21	5.5	ng	116275	2	10.50	423786	20.0
unknown11.56	11.56	4.3	ng	90061	2	10.50	423786	20.0
Phenol, p-tert-bu...	11.87	8.9	ng	189328	2	10.50	423786	20.0
unknown13.72	13.72	5.4	ng	166831	3	14.36	615583	20.0
1H-Benzotriazole,...	14.66	4.8	ng	146315	3	14.36	615583	20.0
1H-Benzotriazole,...	15.08	8.9	ng	274682	3	14.36	615583	20.0
unknown16.26	16.26	5.8	ng	215367	4	17.11	742316	20.0
Phenol, m-tert-bu...	16.58	4.6	ng	170198	4	17.11	742316	20.0
n-Hexadecanoic acid	18.01	4.7	ng	173803	4	17.11	742316	20.0
Phenol, 4,4'-(1-m...	19.56	5.0	ng	210499	5	21.29	835744	20.0
1-Heptadecanol	21.01	4.0	ng	167256	5	21.29	835744	20.0
Squalene	22.48	4.9	ng	200453	6	23.56	814156	20.0