LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

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-BG102516.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	5.332	417	424	431	rBV2	175058	292393	2.82%	0.509%
2	5.556	456	462	469	rVB2	87445	168543	1.62%	0.293%
3	5.797	497	503	510	rVB	1156886	1941433	18.70%	3.378%
4	6.731	656	662	668	rBV2	55195	104211	1.00%	0.181%
5	7.401	768	776	785	rBV	802127	1416709	13.65%	2.465%
6	7.794	832	843	855	rVB	2030957	3650996	35.17%	6.353%
7	8.223	909	916	919	rBV5	66066	129470	1.25%	0.225%
8	8.270	919	924	934	rVB	412040	773940	7.45%	1.347%
9	8.593	970	979	986	rBV	1685126	3095936	29.82%	5.387%
10	9.445	1116	1124	1134	rBV	1556151	2929188	28.21%	5.097%
11	9.633	1151	1156	1162	rVB5	72145	134155	1.29%	0.233%
12	9.704	1162	1168	1174	rVB5	74024	125418	1.21%	0.218%
13	10.309	1264	1271	1275	rBV	87911	163034	1.57%	0.284%
14	10.350	1275	1278	1284	rVB4	69075	114412	1.10%	0.199%
15	10.626	1317	1325	1330	rBV7	56819	122298	1.18%	0.213%
16	11.096	1398	1405	1410	rBV	547486	1049177	10.11%	1.826%
17	11.143	1410	1413	1420	rVB3	142550	223873	2.16%	0.390%
18	12.395	1618	1626	1632	rBV	261363	430350	4.15%	0.749%
19	12.959	1716	1722	1728	rBV9	66682	148086	1.43%	0.258%
20	13.511	1805	1816	1823	rBV	4008033	6432108	61.96%	11.192%
21	14.322	1948	1954	1958	rBV	143484	235254	2.27%	0.409%
22	14.663	2007	2012	2022	rVB8	56972	128749	1.24%	0.224%
23	14.880	2042	2049	2056	rBV	923528	1511339	14.56%	2.630%
24	15.597	2166	2171	2176	rVB	626173	872525	8.40%	1.518%
25	15.673	2181	2184	2190	rVB6	76889	123926	1.19%	0.216%
26	15.773	2197	2201	2207	rVB5	103798	164331	1.58%	0.286%
27	16.043	2243	2247	2252	rBV	251523	346865	3.34%	0.604%
28	16.366	2295	2302	2312	rBV2	4542617	7444537	71.71%	12.953%
29	16.560	2328	2335	2342	rBV2	1096912	1927769	18.57%	3.354%
30	16.884	2385	2390	2398	rVB	553376	783002	7.54%	1.362%
31	17.383	2472	2475	2483	rBV4	131440	237021	2.28%	0.412%
32	17.624	2511	2516	2522	rVB	1155371	1824252	17.57%	3.174%
33	18.470	2656	2660	2669	rBV2	353731	559666	5.39%	0.974%
34	19.269	2793	2796	2801	rVB6	92504	107375	1.03%	0.187%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

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-BG102516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.322	2801	2805	2811	rBV3	207914	376630	3.63%	0.655%
36	19.663	2860	2863	2868	rVB	148915	172519	1.66%	0.300%
37	19.727	2870	2874	2882	rBV3	359474	587743	5.66%	1.023%
38	20.021	2920	2924	2933	rVB	155173	260068	2.51%	0.453%
39	20.209	2950	2956	2962	rBV	7571784	10381688	100.00%	18.064%
40	21.508	3173	3177	3186	rBV6	159431	355110	3.42%	0.618%
41	21.919	3241	3247	3254	rVB	1548906	2620501	25.24%	4.560%
42	22.019	3262	3264	3271	rVB7	66986	106638	1.03%	0.186%
43	23.458	3503	3509	3516	rBV9	77715	188681	1.82%	0.328%
44	25.350	3820	3831	3843	rVB2	884680	2709844	26.10%	4.715%

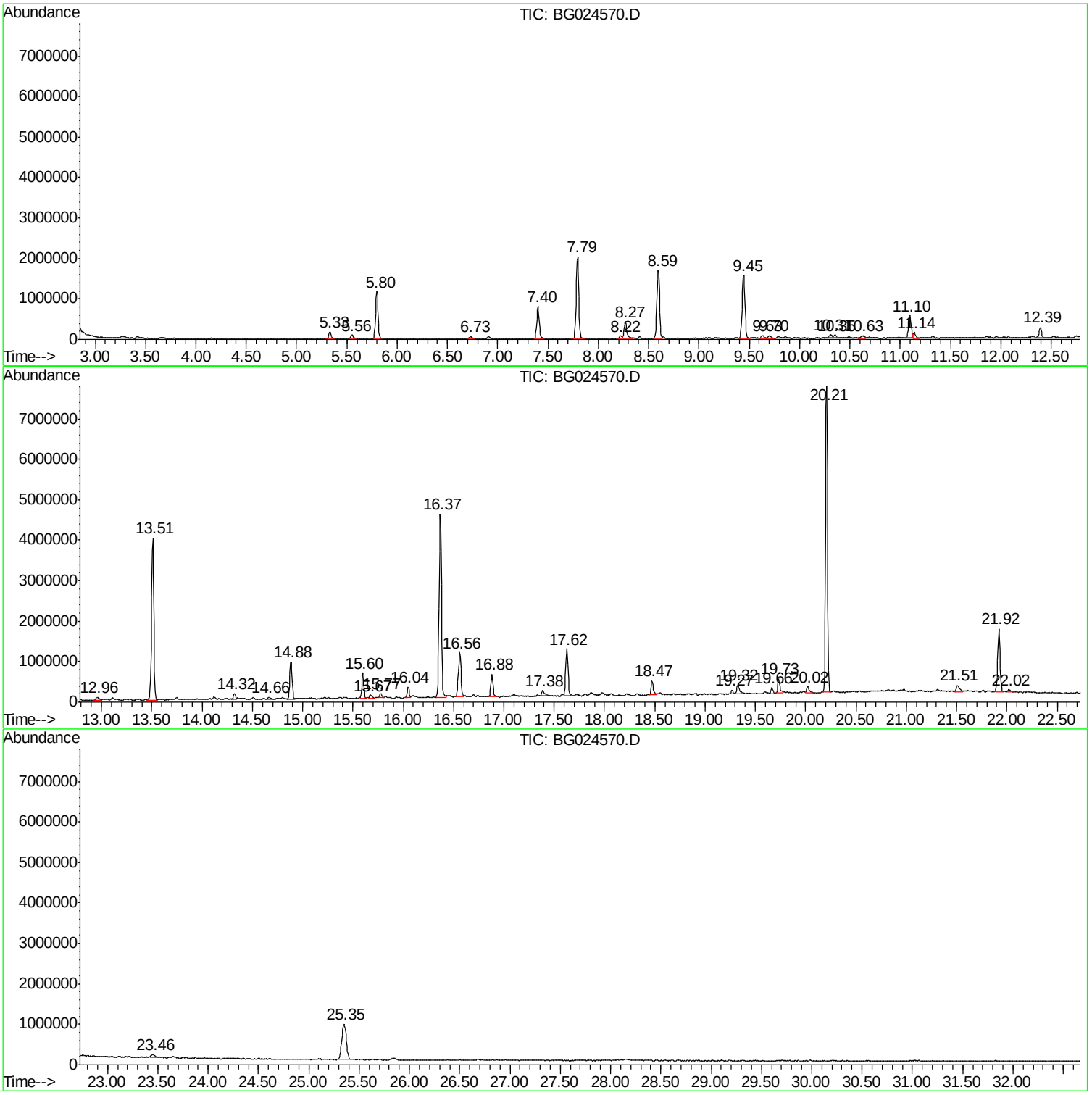
Sum of corrected areas: 57471763

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

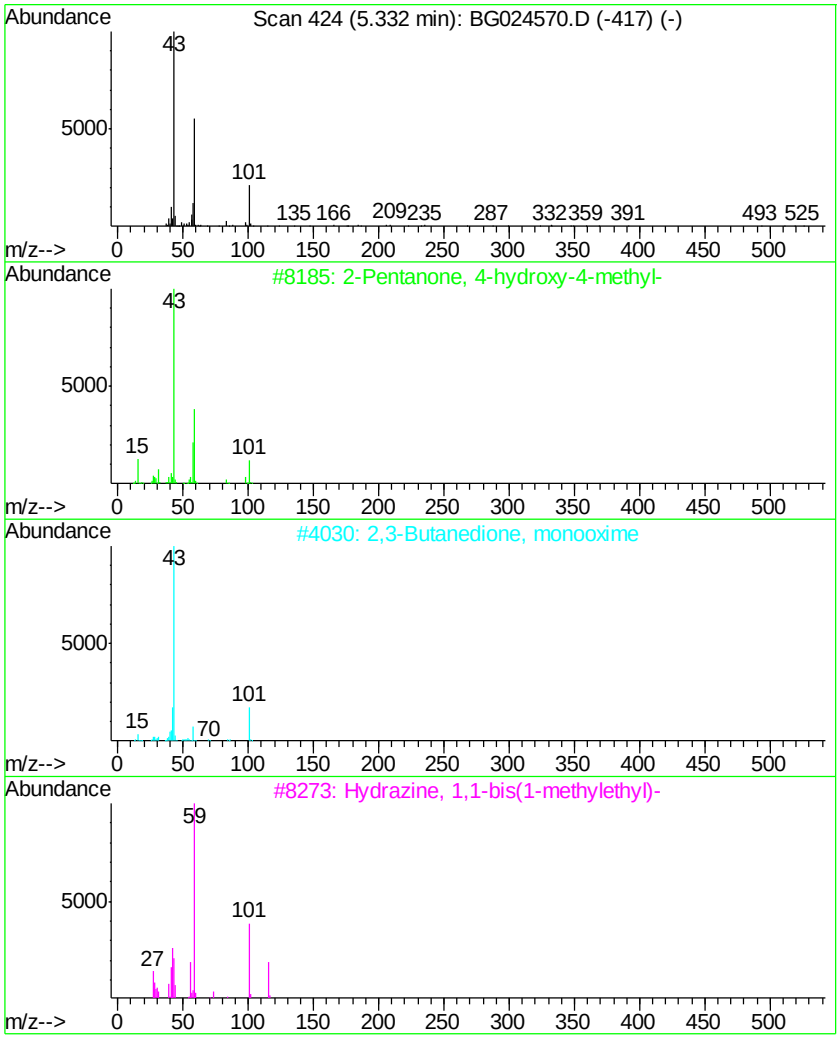
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

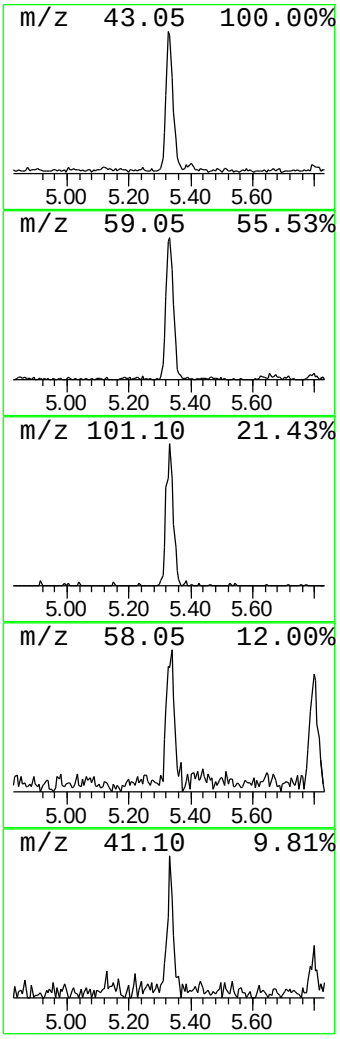
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	7.56 ng	292393	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	3-Octanol	130	C8H18O	000589-98-0	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

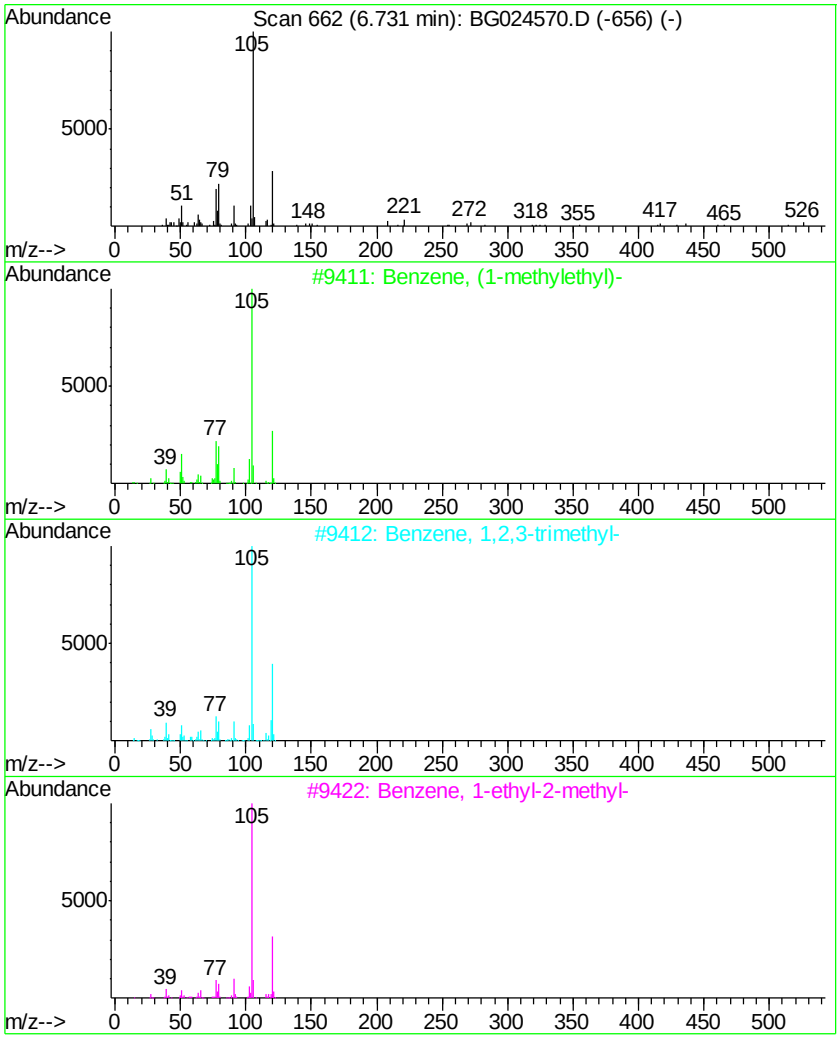
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

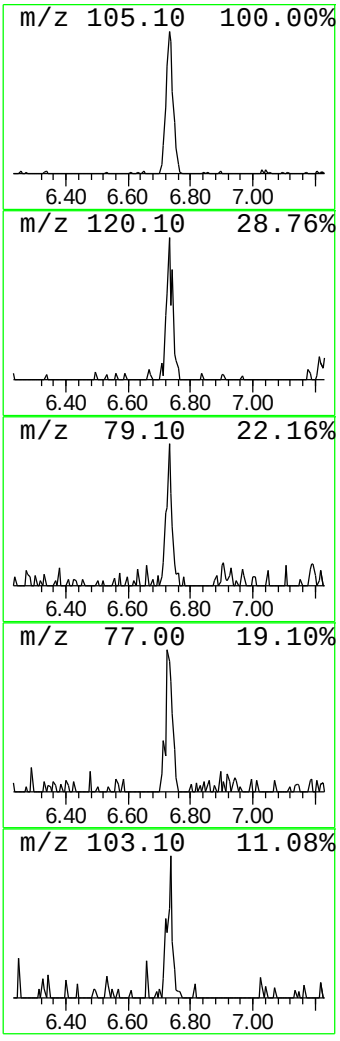
****

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	2.69 ng	104211	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	59
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	59
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	59
5	2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

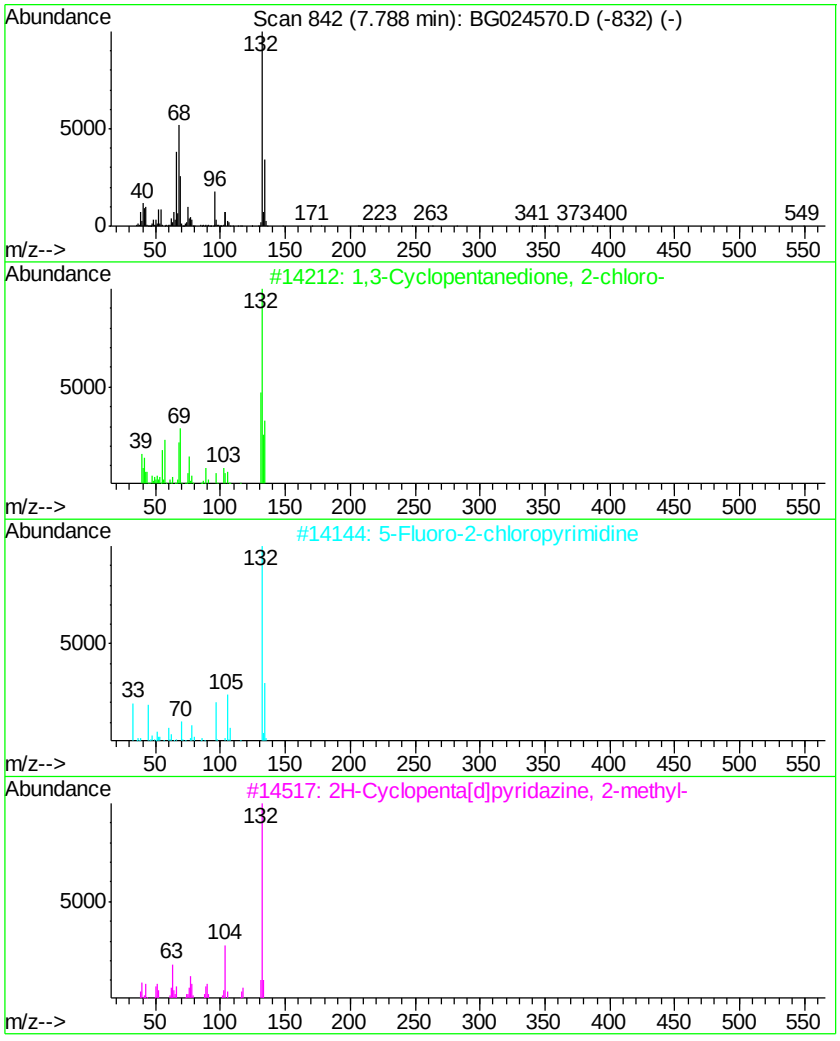
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

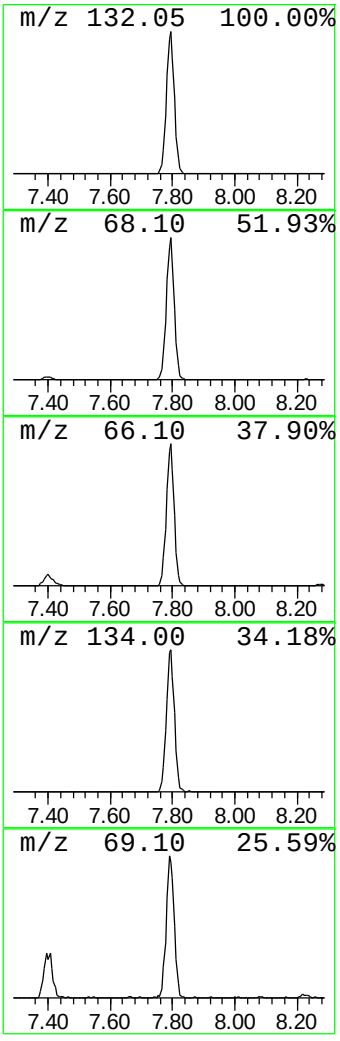
****

Peak Number 4 unknown7.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	94.35 ng	3651000	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

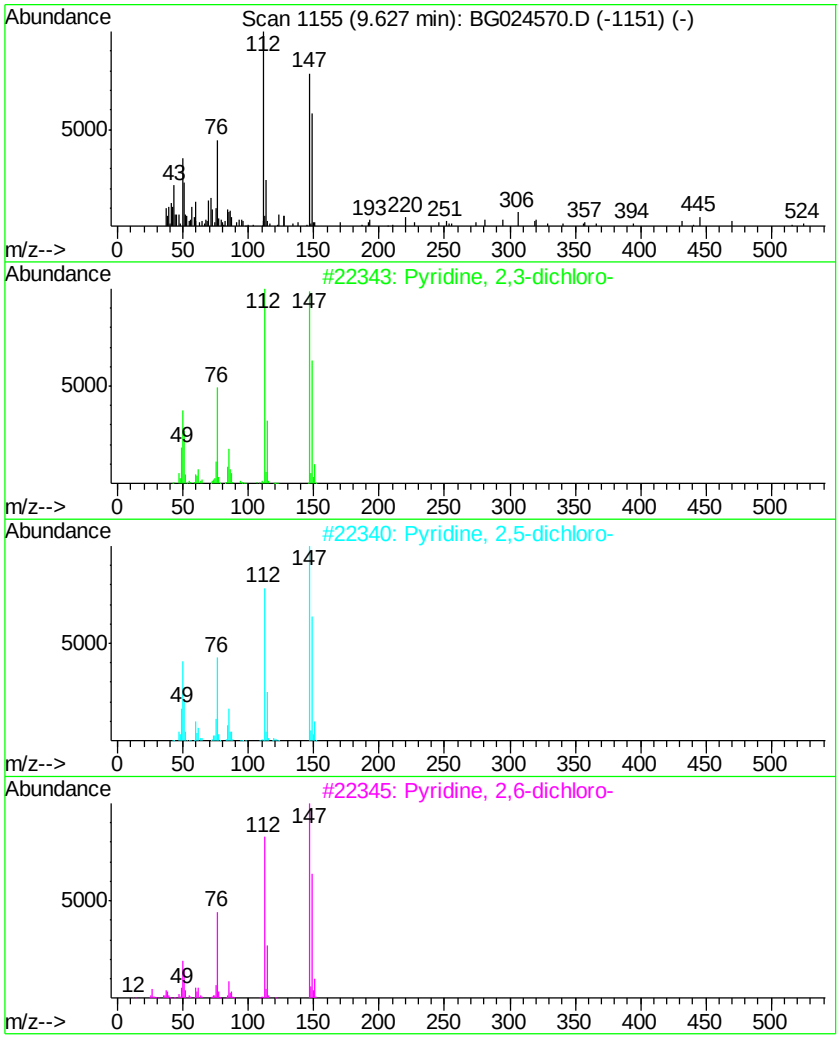
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

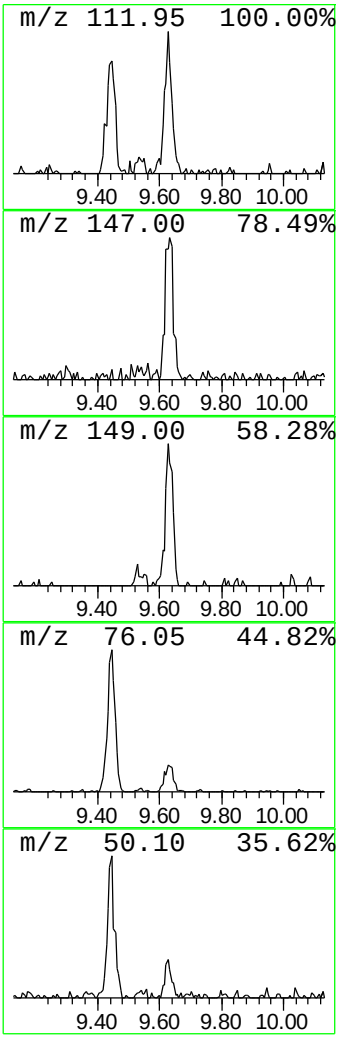
****

Peak Number 6 Pyridine, 2,3-dichloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	3.47 ng	134155	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,3-dichloro-	147	C5H3Cl2N	002402-77-9	94
2	Pyridine, 2,5-dichloro-	147	C5H3Cl2N	016110-09-1	94
3	Pyridine, 2,6-dichloro-	147	C5H3Cl2N	002402-78-0	89
4	Pyridine, 3,5-dichloro-	147	C5H3Cl2N	002457-47-8	58
5	3,4-Dichloropyridine	147	C5H3Cl2N	1000305-88-9	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

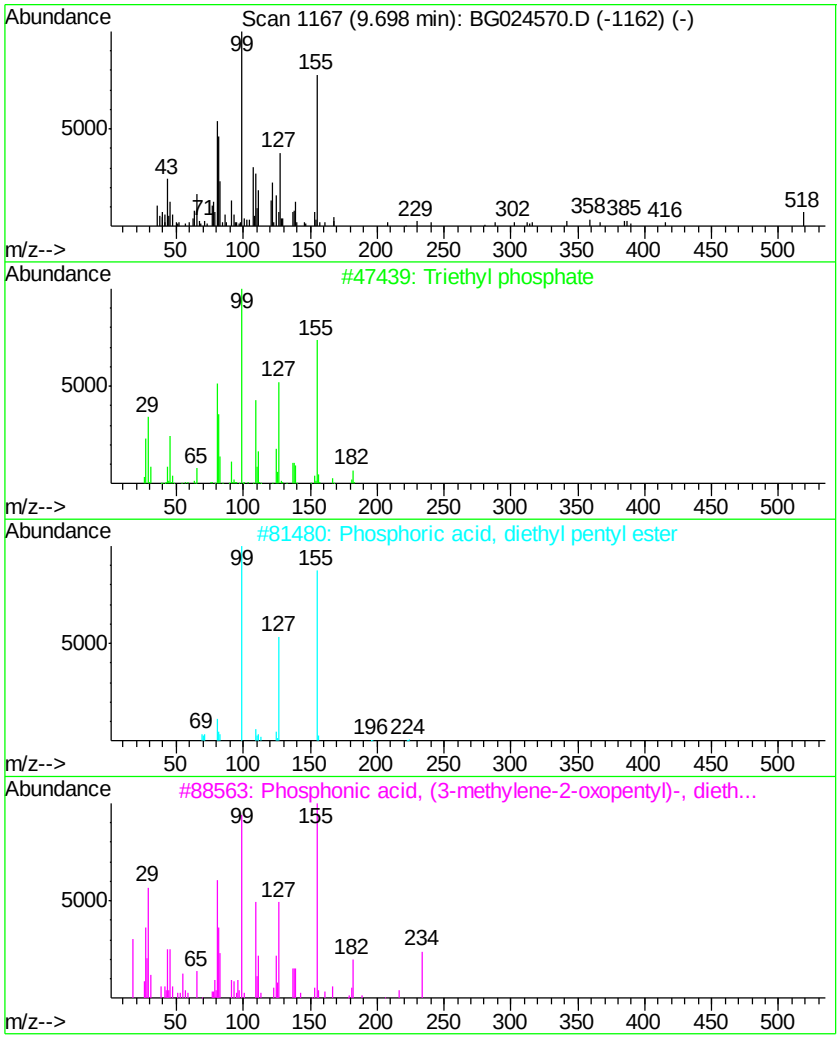
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

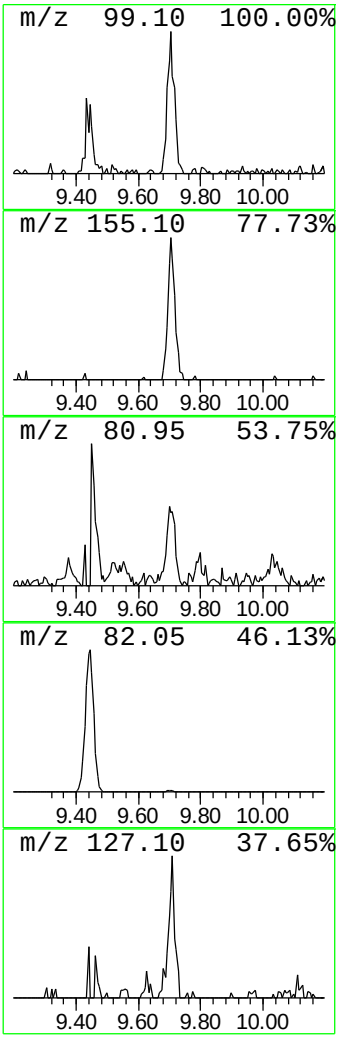
****

Peak Number 7 Triethyl phosphate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	2.39 ng	125418	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl phosphate	182	C6H15O4P	000078-40-0	87
2	Phosphoric acid, diethyl pentyl ...	224	C9H21O4P	020195-08-8	64
3	Phosphonic acid, (3-methylene-2-...	234	C10H19O4P	054543-03-2	52
4	2H-Pyran-2-carboxylic acid, 6-bu...	228	C12H20O4	026457-97-6	42
5	Butyl diethyl phosphate	210	C8H19O4P	1000298-58-0	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

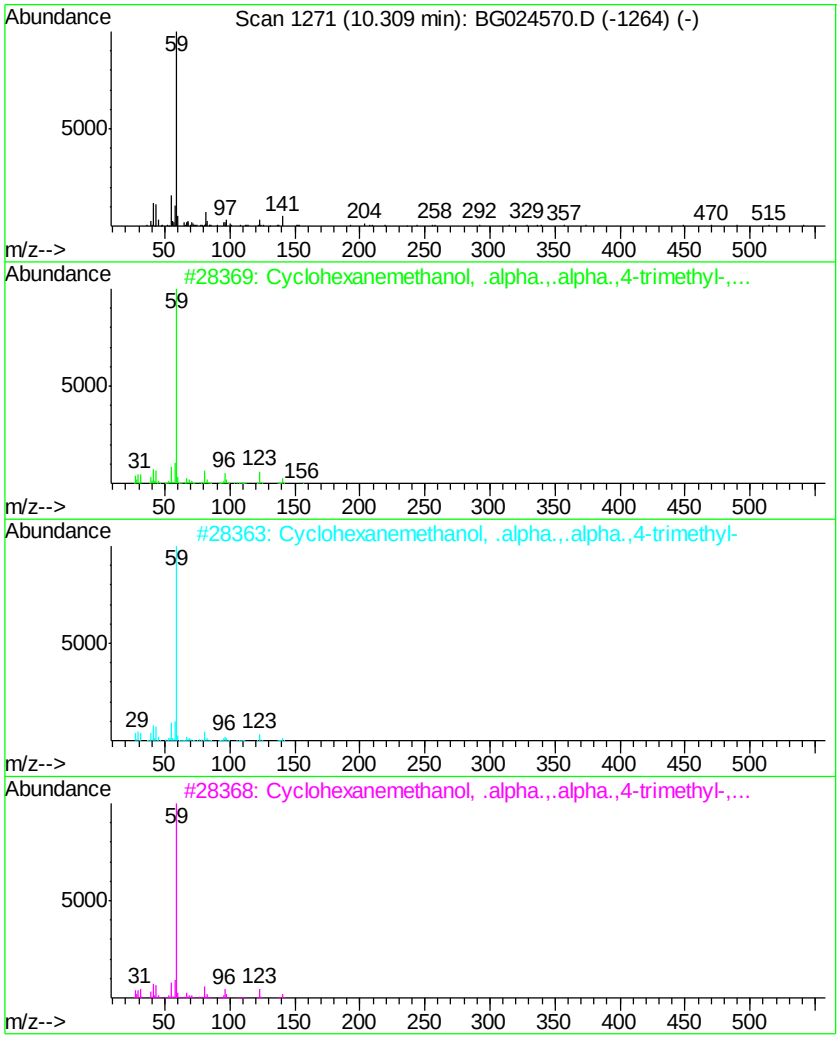
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

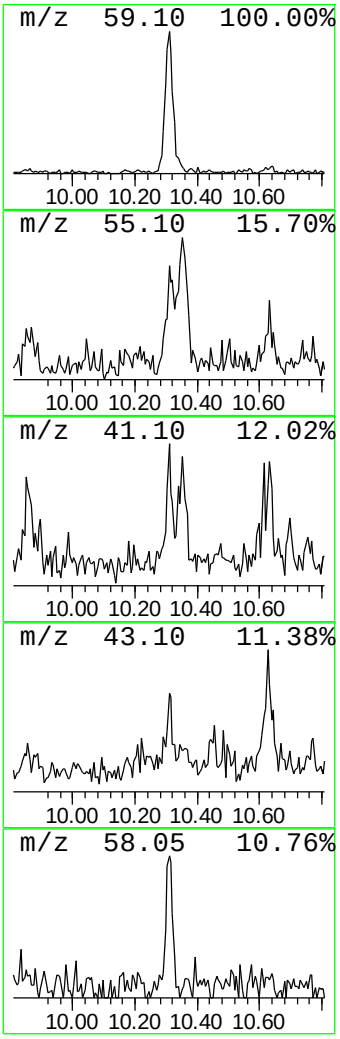
****

Peak Number 8 Cyclohexanemethanol, .alpha... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	3.11 ng	163034	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	64
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	56
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	56
4	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	50
5	2-Decanol, methyl ether	172	C11H24O	1000333-83-9	45





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

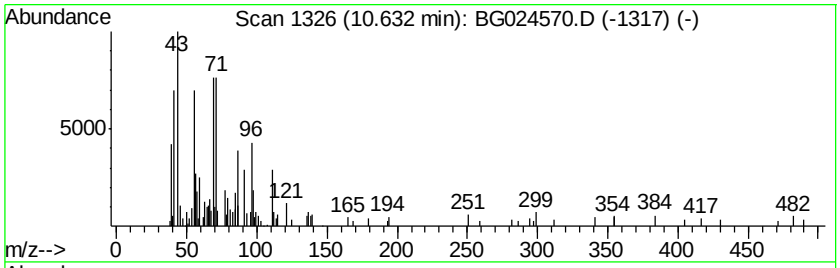
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

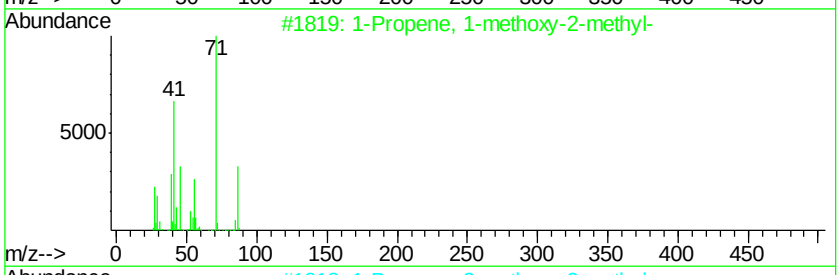
****

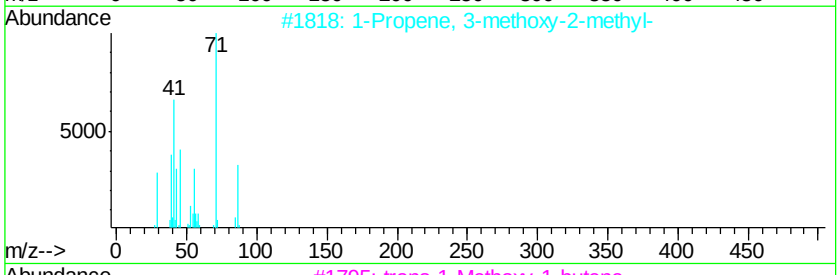
Peak Number 9 unknown10.63 Concentration Rank 20

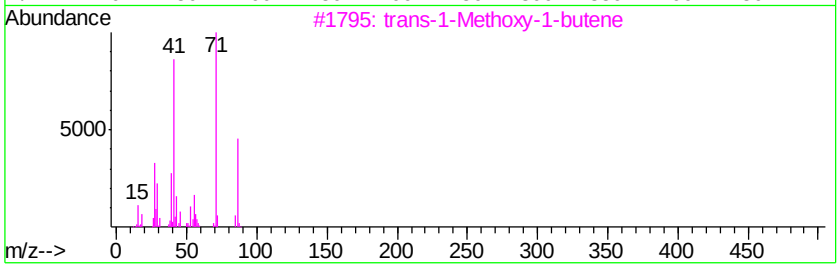
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	2.33 ng	122298	Naphthalene-d8	11.10

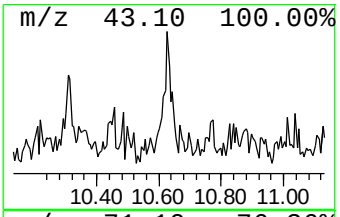
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	47
2	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	47
3	trans-1-Methoxy-1-butene	86	C5H10O	010034-13-6	47
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	47
5	1-Butene, 1-methoxy-	86	C5H10O	029512-02-5	47

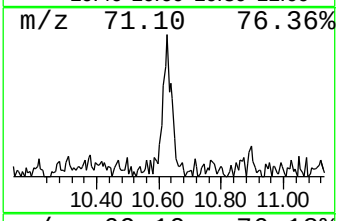


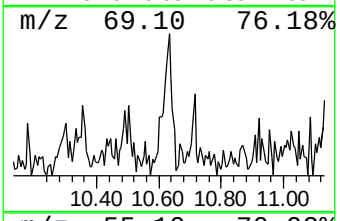


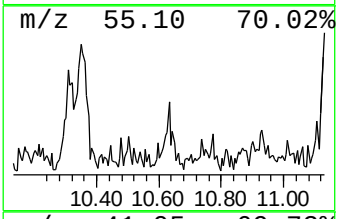


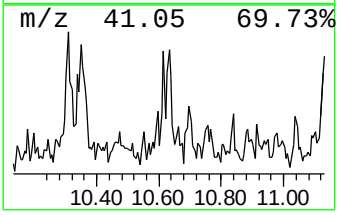












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

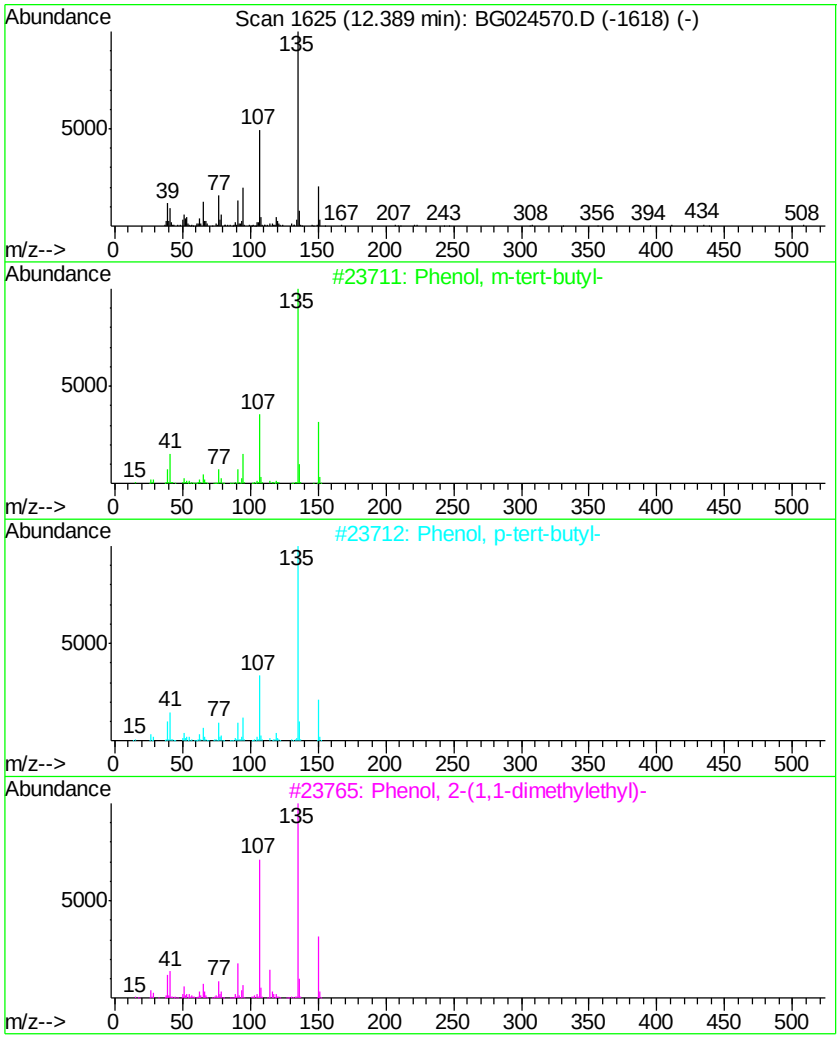
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

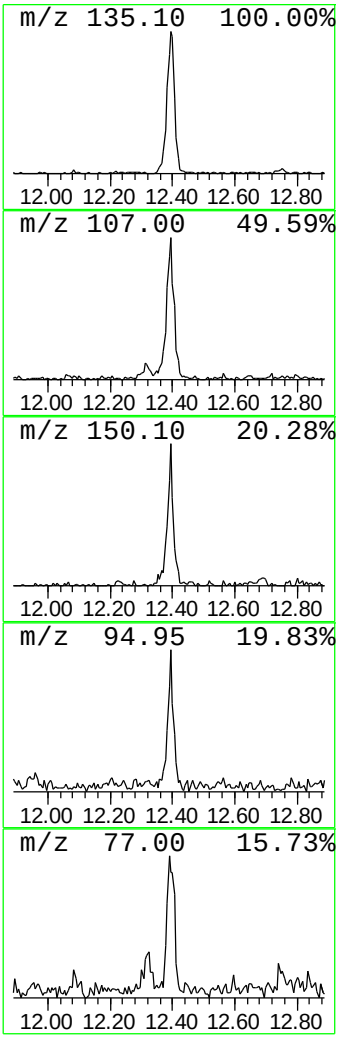
****

Peak Number 10 Phenol, m-tert-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	8.20 ng	430350	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	76
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	74
4	4-Acetylanisole	150	C9H10O2	000100-06-1	50
5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

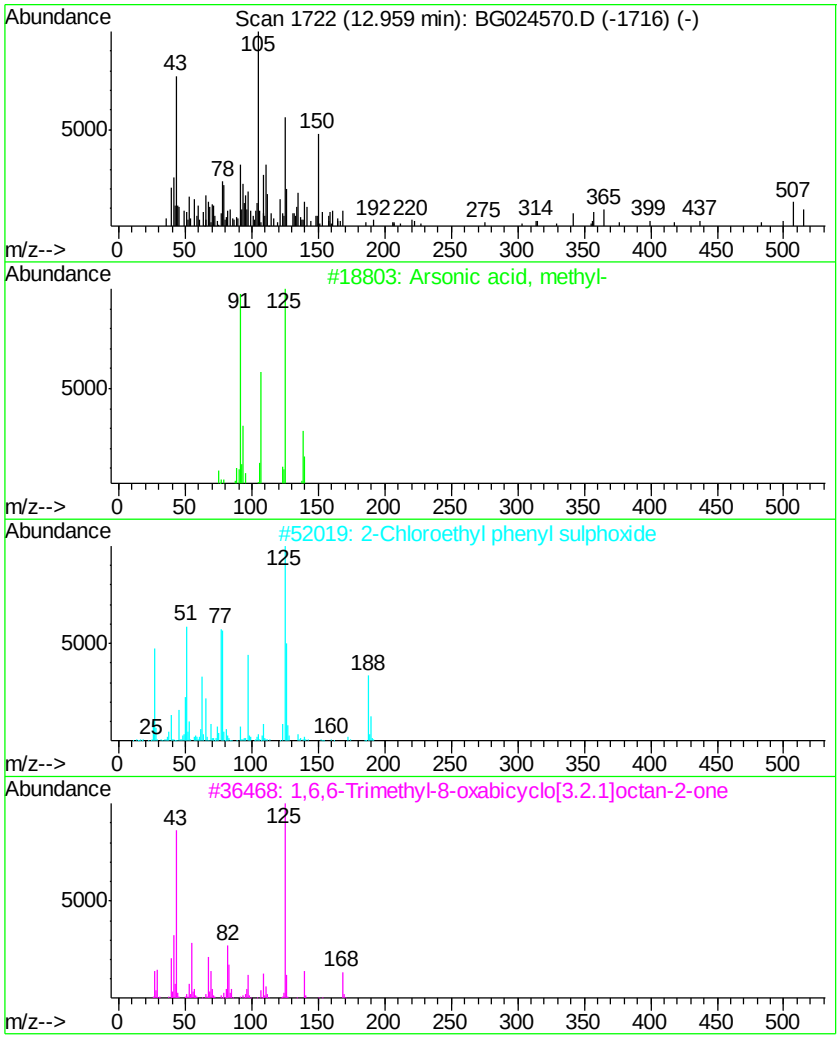
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

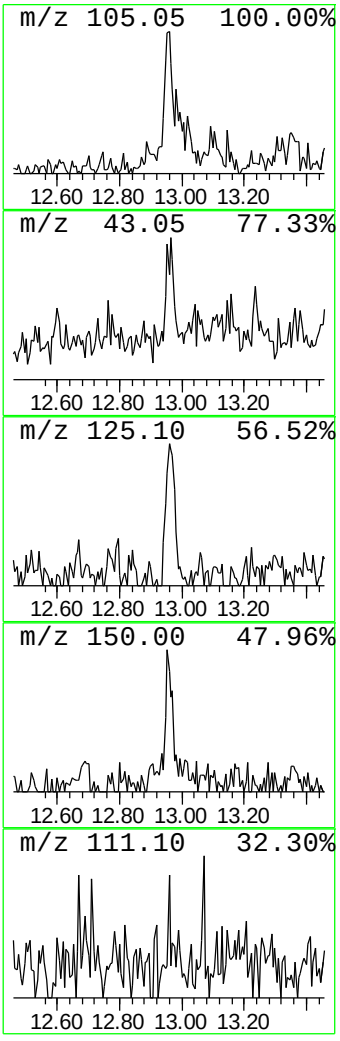
****

Peak Number 11 unknown12.96 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.82 ng	148086	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Arsonic acid, methyl-	140	CH5AsO3	000124-58-3	15
2	2-Chloroethyl phenyl sulphoxide	188	C8H9ClOS	1000343-00-8	14
3	1,6,6-Trimethyl-8-oxabicyclo[3.2...	168	C10H16O2	1000185-44-5	14
4	8-Oxabicyclo[5.1.0]oct-5-en-2-ol...	168	C10H16O2	058795-43-0	14
5	6-N-Benzoylthiocarbamoyl-2,4-dia...	314	C14H14N6OS	1000214-48-0	11





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

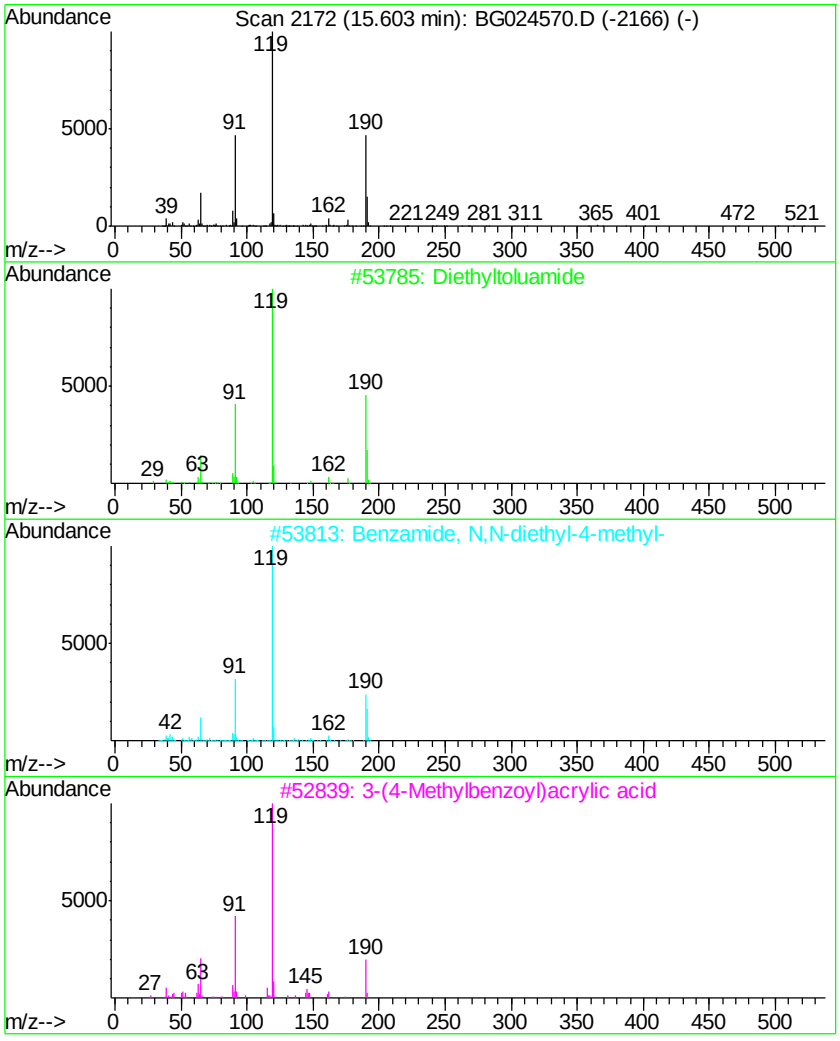
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

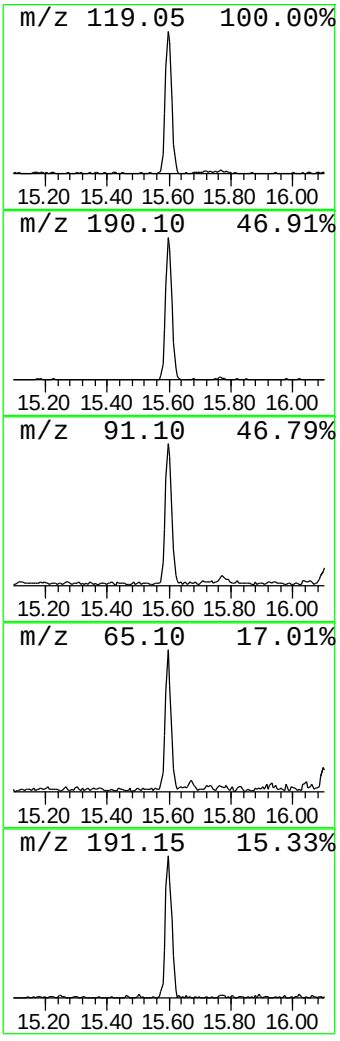
****

Peak Number 12 Diethyltoluamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	11.55 ng	872525	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	94
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	81
3	3-(4-Methylbenzoyl)acrylic acid	190	C11H10O3	020972-36-5	78
4	Bicyclo[6.3.0]undeca-1,6-dien-3-...	190	C13H18O	1000164-02-3	64
5	4'-Methylbutyrophenone	162	C11H14O	004160-52-5	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

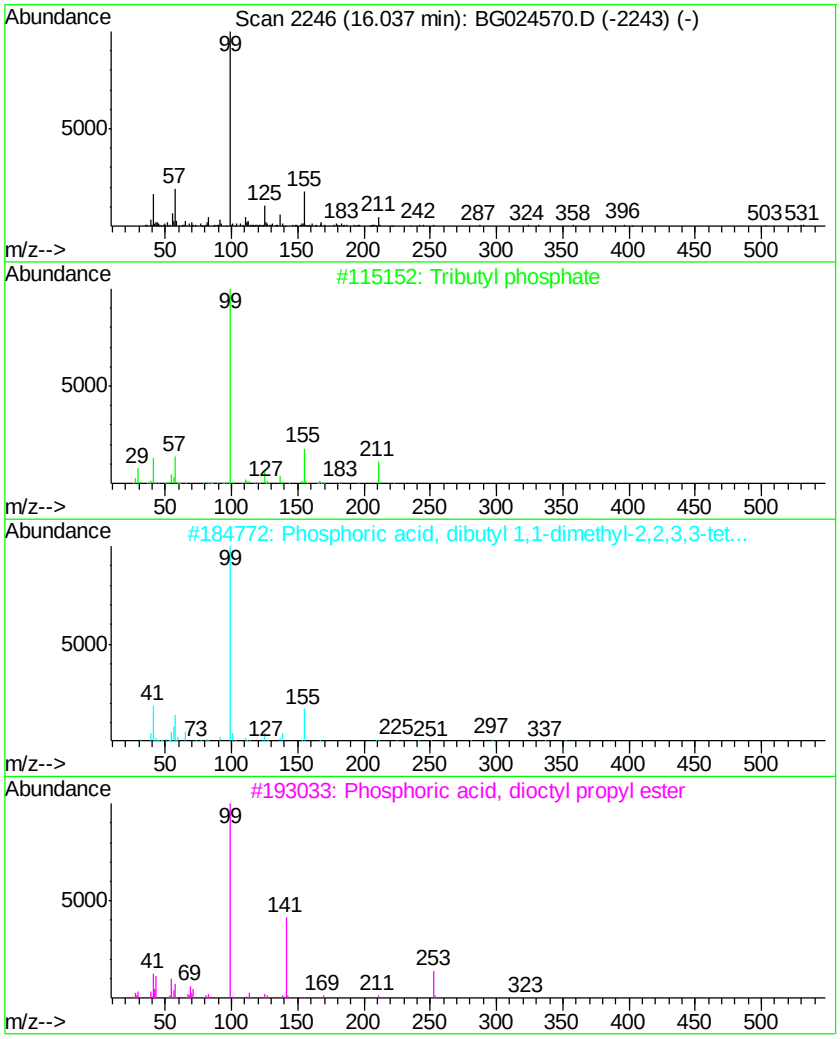
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

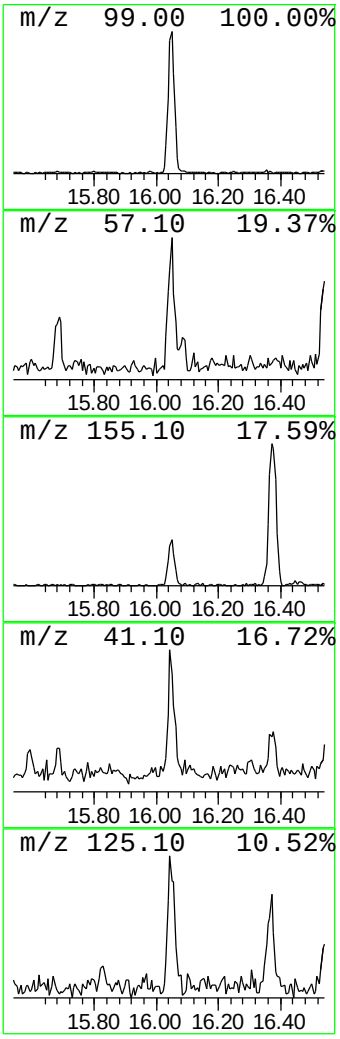
****

Peak Number 13 Tributyl phosphate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	4.59 ng	346865	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2	Phosphoric acid, dibutyl 1,1-dim...	352	C13H25F4O4P	1000298-93-9	50
3	Phosphoric acid, dioctyl propyl ...	364	C19H41O4P	1000308-95-6	42
4	Phosphoric acid, dioctyl pentyl ...	392	C21H45O4P	1000308-89-9	42
5	22,26-Isoepoxycholestan-3,16-diol	418	C27H46O3	1000252-59-4	36





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

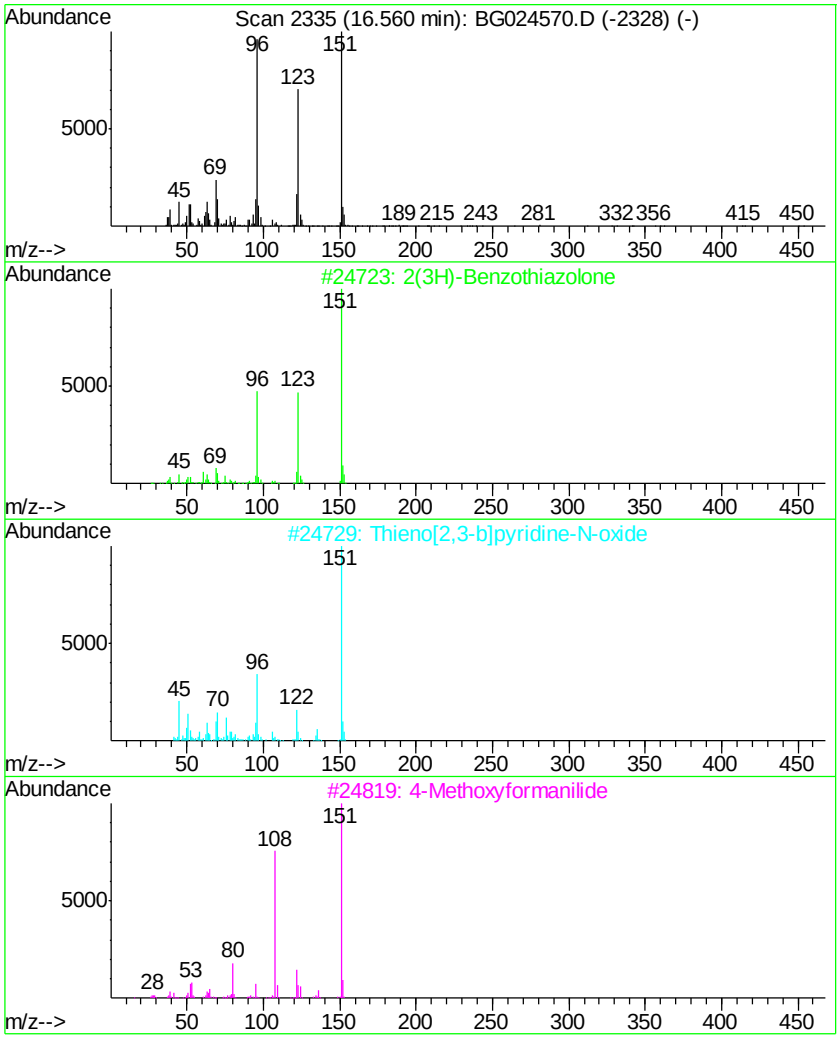
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

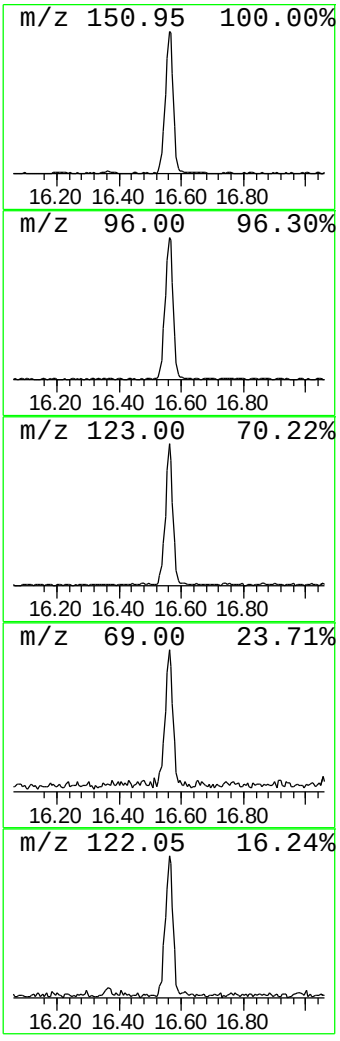
****

Peak Number 14 2(3H)-Benzothiazolone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	21.13 ng	1927770	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	96
2	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	43
3	4-Methoxyformanilide	151	C8H9NO2	005470-34-8	38
4	Benzooxazole-2-thiol	151	C7H5NOS	1000318-31-6	35
5	5-Ethoxycarbonylpyridine-2-carbo...	195	C9H9NO4	017880-34-1	32





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

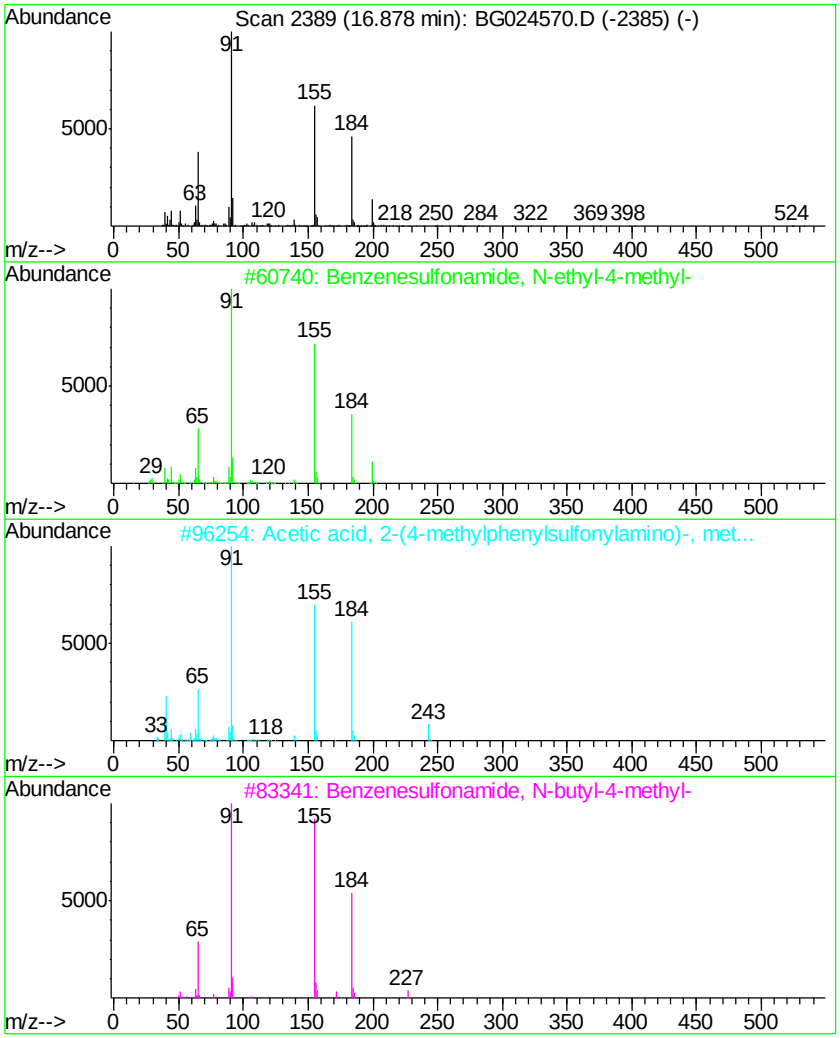
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

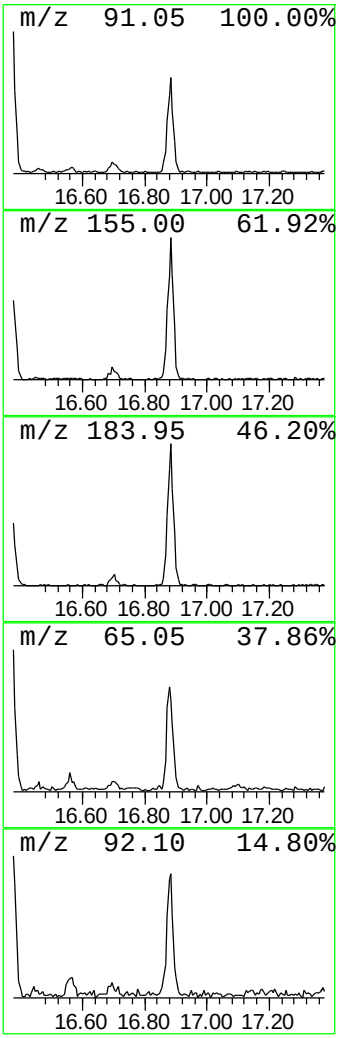
****

Peak Number 15 Benzenesulfonamide, N-ethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	8.58 ng	783002	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
2	Acetic acid, 2-(4-methylphenylsu...	243	C10H13NO4S	002645-02-5	78
3	Benzenesulfonamide, N-butyl-4-me...	227	C11H17NO2S	001907-65-9	64
4	2-(Toluene-4-sulfonylamino)-acet...	228	C9H12N2O3S	1000318-17-2	59
5	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

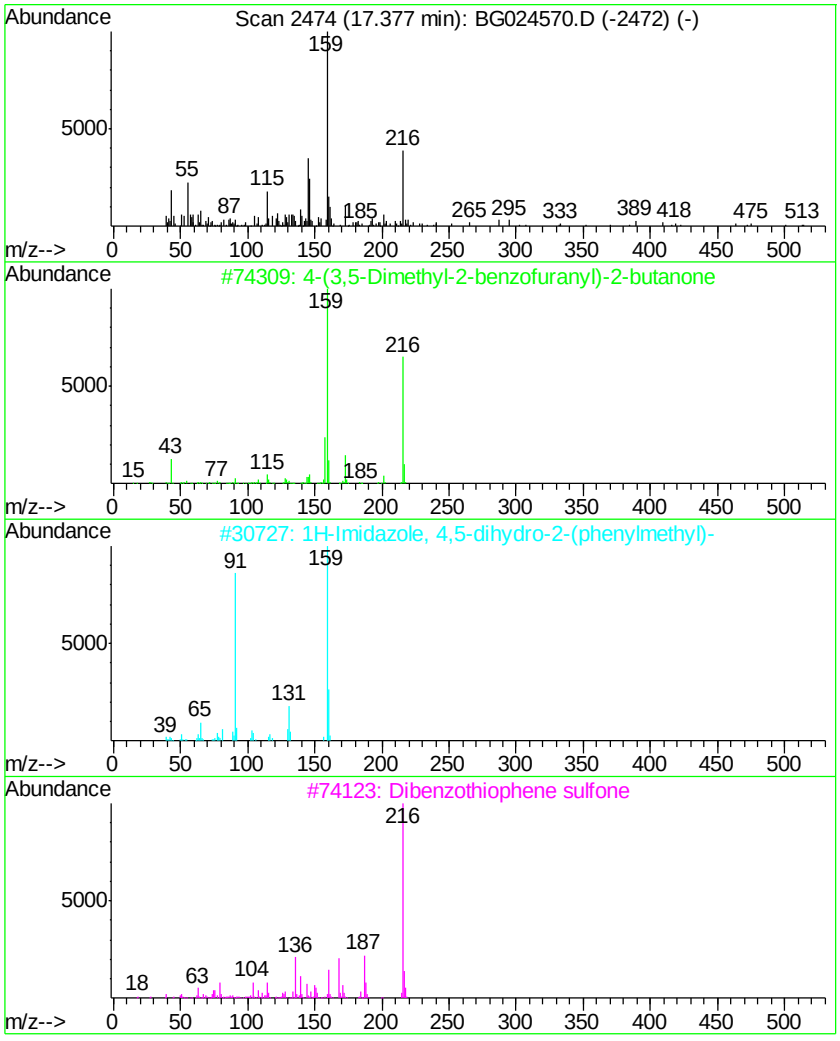
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

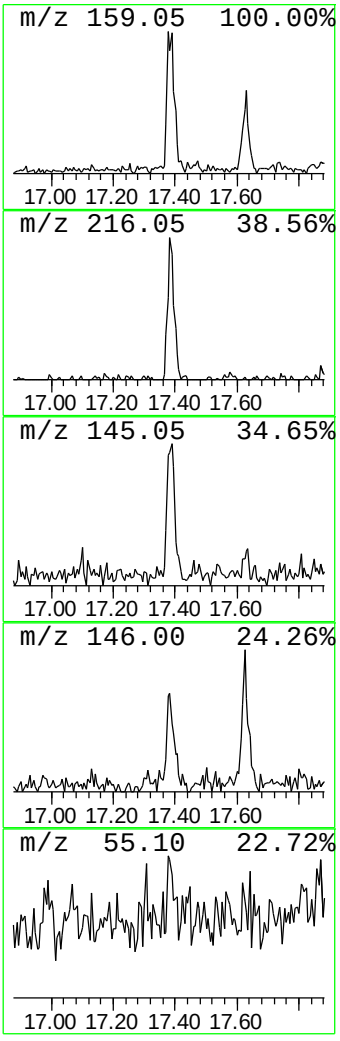
****

Peak Number 16 4-(3,5-Dimethyl-2-benzofura... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	2.60 ng	237021	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(3,5-Dimethyl-2-benzofuranyl)-...	216	C14H16O2	010444-04-9	58
2	1H-Imidazole, 4,5-dihydro-2-(phe...	160	C10H12N2	000059-98-3	27
3	Dibenzothiophene sulfone	216	C12H8O2S	001016-05-3	27
4	8-Quinolinol, 7-methyl-	159	C10H9NO	005541-68-4	25
5	4,6-Quinolinediamine	159	C9H9N3	040107-09-3	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

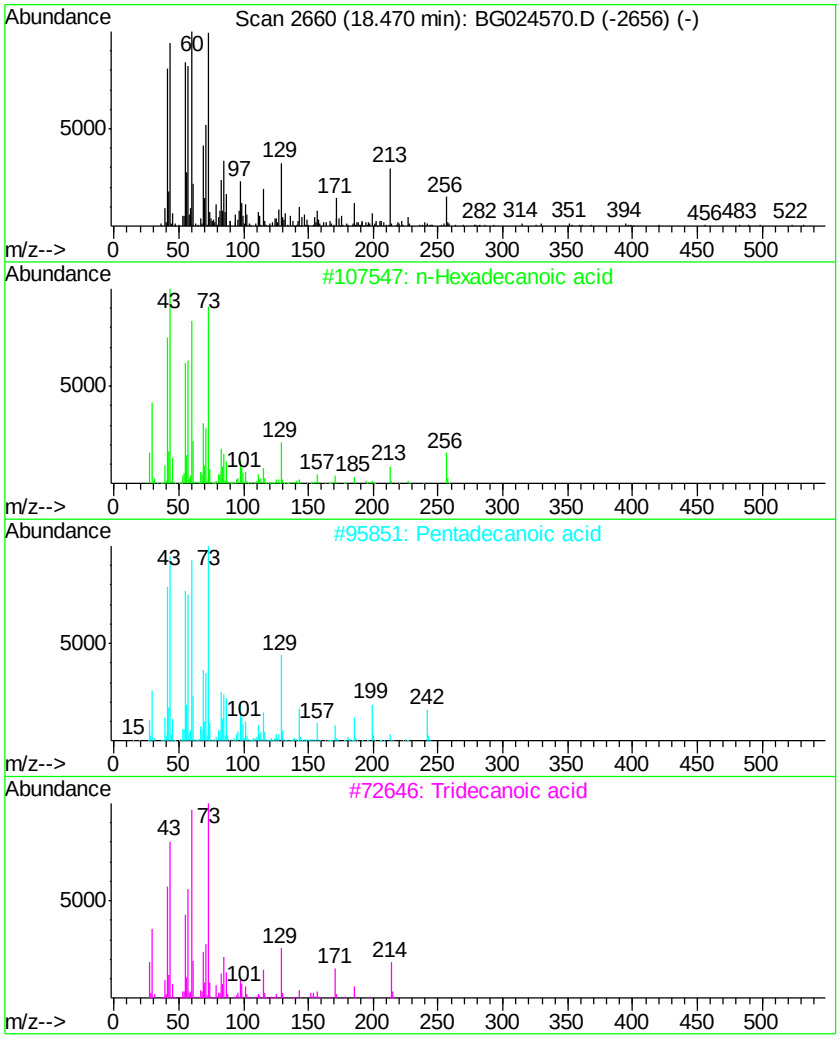
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

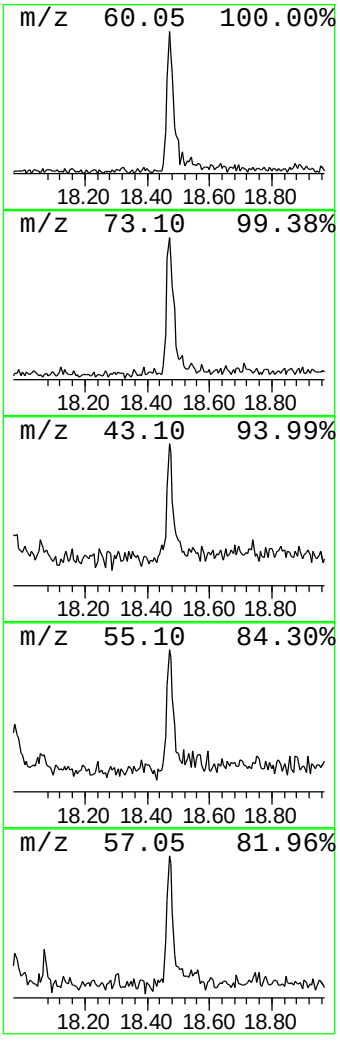
****

Peak Number 17 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	6.14 ng	559666	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

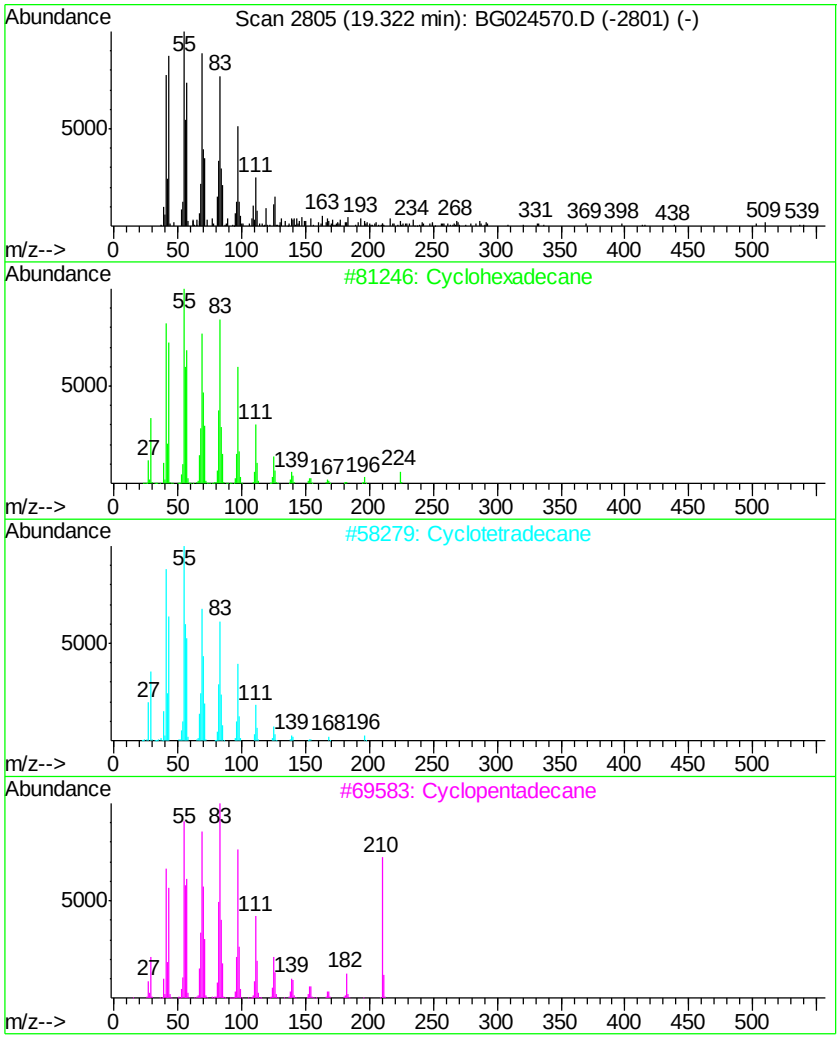
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

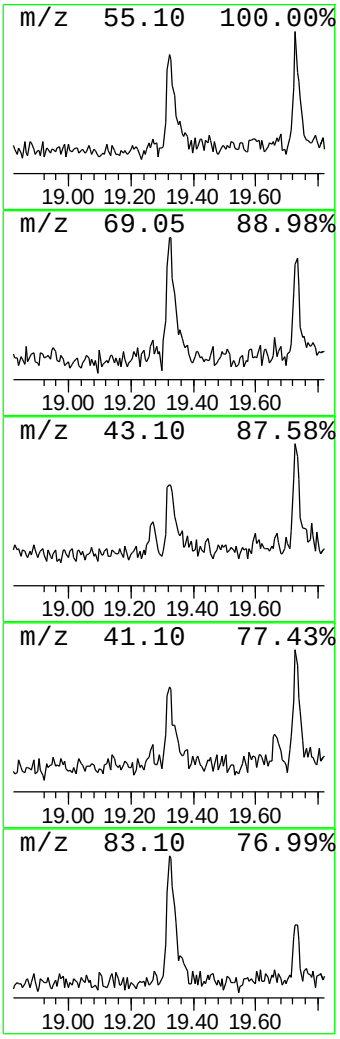
****

Peak Number 18 Cyclohexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	4.13 ng	376630	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Cyclotetradecane	196	C14H28	000295-17-0	98
3	Cyclopentadecane	210	C15H30	000295-48-7	98
4	Cyclotetracosane	336	C24H48	000297-03-0	96
5	1-Docosene	308	C22H44	001599-67-3	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

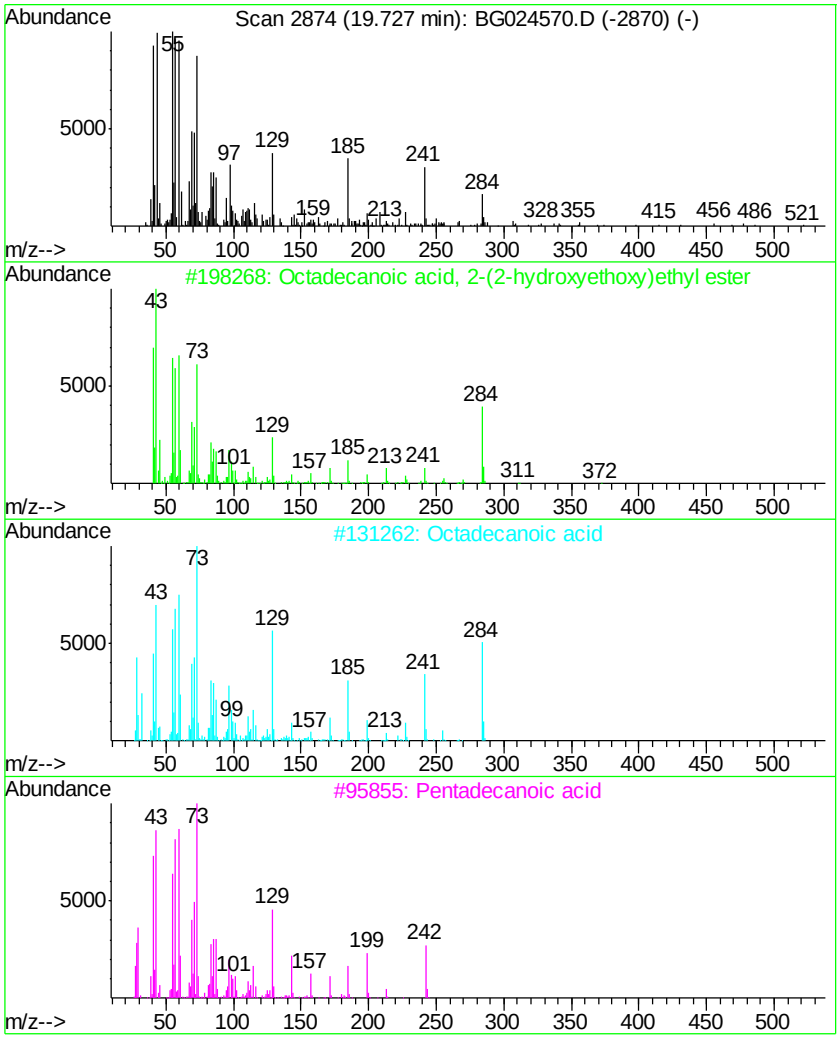
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

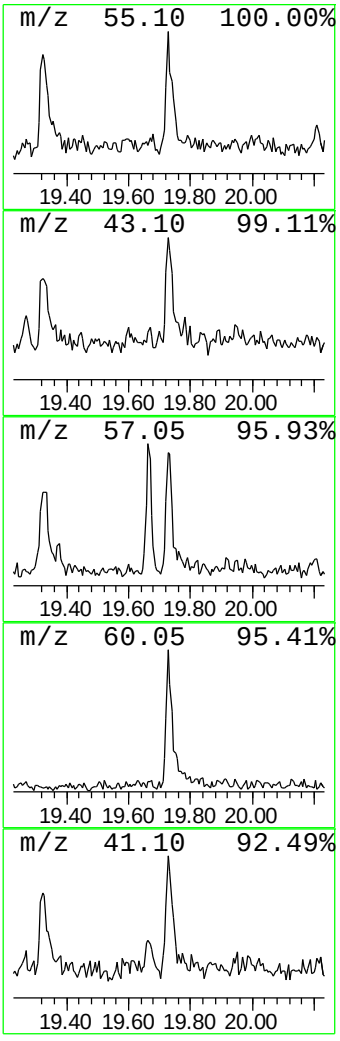
****

Peak Number 19 Octadecanoic acid, 2-(2-hyd... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	6.44 ng	587743	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
2	Octadecanoic acid	284	C18H36O2	000057-11-4	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	55
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

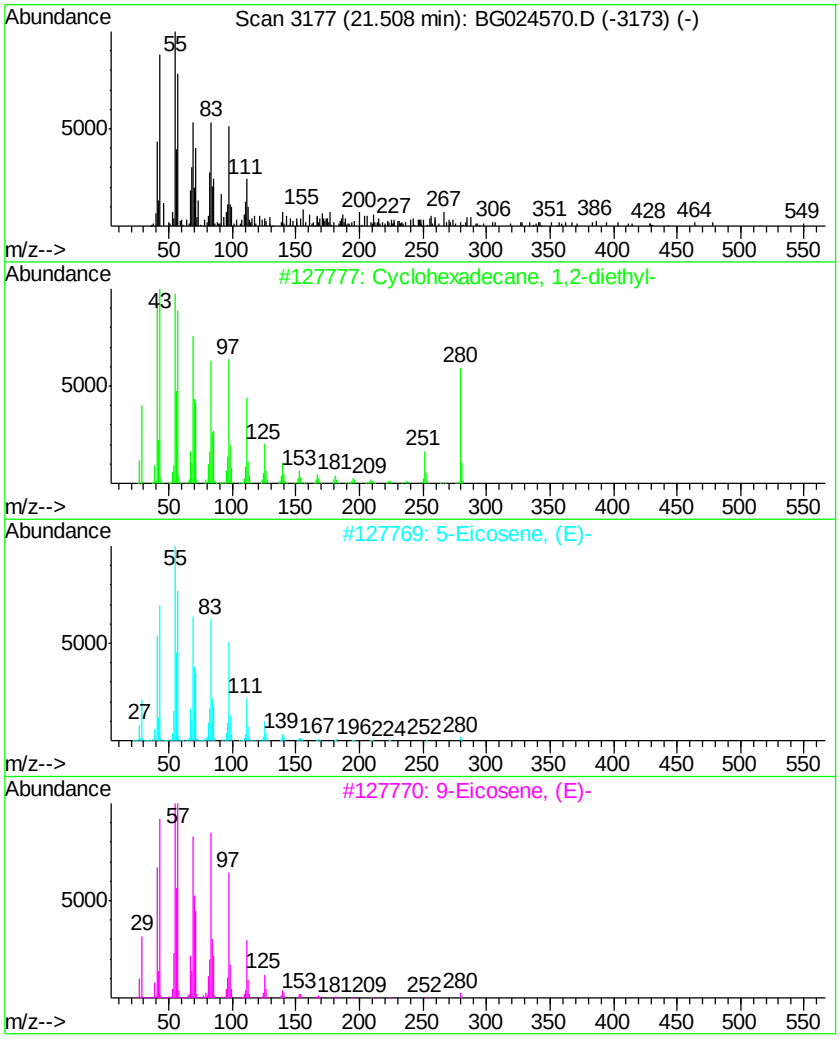
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

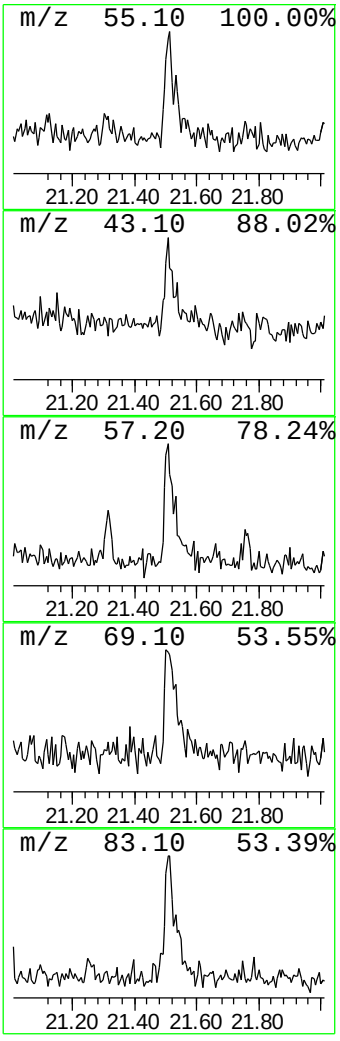
****

Peak Number 20 Cyclohexadecane, 1,2-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	2.71 ng	355110	Chrysene-d12	21.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024570.D
Acq On : 31 Oct 2016 23:56
Operator : UM/SJ
Sample : H5481-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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
2-Pentanone, 4-hy...	5.33	7.6	ng	292393	1	8.27	773940	20.0
Benzene, (1-methy...	6.73	2.7	ng	104211	1	8.27	773940	20.0
unknown7.79	7.79	94.3	ng	3651000	1	8.27	773940	20.0
Pyridine, 2,3-dic...	9.63	3.5	ng	134155	1	8.27	773940	20.0
Triethyl phosphate	9.70	2.4	ng	125418	2	11.10	1049180	20.0
Cyclohexanemethan...	10.31	3.1	ng	163034	2	11.10	1049180	20.0
unknown10.63	10.63	2.3	ng	122298	2	11.10	1049180	20.0
Phenol, m-tert-bu...	12.39	8.2	ng	430350	2	11.10	1049180	20.0
unknown12.96	12.96	2.8	ng	148086	2	11.10	1049180	20.0
Diethyltoluamide	15.60	11.6	ng	872525	3	14.88	1511340	20.0
Tributyl phosphate	16.04	4.6	ng	346865	3	14.88	1511340	20.0
2(3H)-Benzothiazo...	16.56	21.1	ng	1927770	4	17.62	1824250	20.0
Benzenesulfonamid...	16.88	8.6	ng	783002	4	17.62	1824250	20.0
4-(3,5-Dimethyl-2...	17.38	2.6	ng	237021	4	17.62	1824250	20.0
n-Hexadecanoic acid	18.47	6.1	ng	559666	4	17.62	1824250	20.0
Cyclohexadecane	19.32	4.1	ng	376630	4	17.62	1824250	20.0
Octadecanoic acid...	19.73	6.4	ng	587743	4	17.62	1824250	20.0
Cyclohexadecane, ...	21.51	2.7	ng	355110	5	21.92	2620500	20.0