LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022456.D
Acq On : 21 Jun 2016 1:01
Operator : UM/SJ
Sample : H3679-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

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-BG060616.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	5.042	369	375	381	rBV4	8667	17713	1.26%	0.201%
2	5.542	452	460	471	rBV	136092	268422	19.15%	3.052%
3	5.647	473	478	486	rVB3	19808	38558	2.75%	0.438%
4	6.458	606	616	623	rBV	12901	26673	1.90%	0.303%
5	7.181	730	739	754	rBV	120652	258013	18.41%	2.934%
6	7.527	790	798	809	rBV	307040	606579	43.28%	6.898%
7	7.986	866	876	884	rBV	61052	119876	8.55%	1.363%
8	8.309	922	931	941	rBV	256299	501171	35.76%	5.699%
9	9.161	1069	1076	1091	rBV	184502	406475	29.01%	4.622%
10	9.907	1196	1203	1208	rBV	35174	61350	4.38%	0.698%
11	9.966	1208	1213	1226	rVB2	40629	88366	6.31%	1.005%
12	10.806	1349	1356	1367	rBV	105518	215598	15.38%	2.452%
13	12.639	1663	1668	1674	rBV5	10590	17543	1.25%	0.199%
14	13.250	1765	1772	1786	rBV	747753	1309184	93.42%	14.887%
15	13.497	1809	1814	1817	rBV4	6789	15451	1.10%	0.176%
16	14.085	1909	1914	1919	rVB2	9023	14854	1.06%	0.169%
17	14.461	1969	1978	1982	rBV8	9754	21458	1.53%	0.244%
18	14.631	2001	2007	2016	rVB2	196557	356431	25.43%	4.053%
19	15.101	2080	2087	2089	rBV4	8397	15704	1.12%	0.179%
20	15.630	2172	2177	2181	rVB	12118	18498	1.32%	0.210%
21	15.830	2206	2211	2216	rBV	70875	106604	7.61%	1.212%
22	15.888	2217	2221	2228	rVB7	12317	21821	1.56%	0.248%
23	16.129	2255	2262	2276	rVB	497337	870040	62.08%	9.894%
24	16.364	2297	2302	2308	rVB	26896	45241	3.23%	0.514%
25	16.452	2312	2317	2321	rBV	51940	81860	5.84%	0.931%
26	16.505	2321	2326	2333	rVB2	53362	107202	7.65%	1.219%
27	16.570	2333	2337	2341	rBV2	58460	83888	5.99%	0.954%
28	16.617	2341	2345	2349	rVB	28754	39980	2.85%	0.455%
29	16.687	2349	2357	2360	rBV	24850	57876	4.13%	0.658%
30	16.775	2366	2372	2378	rVB5	61996	117751	8.40%	1.339%
31	16.840	2378	2383	2386	rBV	56378	88259	6.30%	1.004%
32	16.911	2392	2395	2402	rVB	39193	61409	4.38%	0.698%
33	17.381	2469	2475	2484	rVB	225949	382751	27.31%	4.352%
34	17.727	2529	2534	2537	rBV4	10317	15929	1.14%	0.181%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022456.D
Acq On : 21 Jun 2016 1:01
Operator : UM/SJ
Sample : H3679-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

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-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.827	2546	2551	2553	rBV5	8120	14924	1.06%	0.170%
36	18.479	2657	2662	2673	rBV2	54860	106142	7.57%	1.207%
37	19.807	2885	2888	2893	rVB	20371	31209	2.23%	0.355%
38	19.978	2911	2917	2925	rBV	988375	1401375	100.00%	15.936%
39	20.747	3044	3048	3053	rVB	65796	81414	5.81%	0.926%
40	21.640	3194	3200	3210	rVB2	194623	355668	25.38%	4.044%
41	24.837	3736	3744	3760	rVB3	110573	344610	24.59%	3.919%

Sum of corrected areas: 8793870

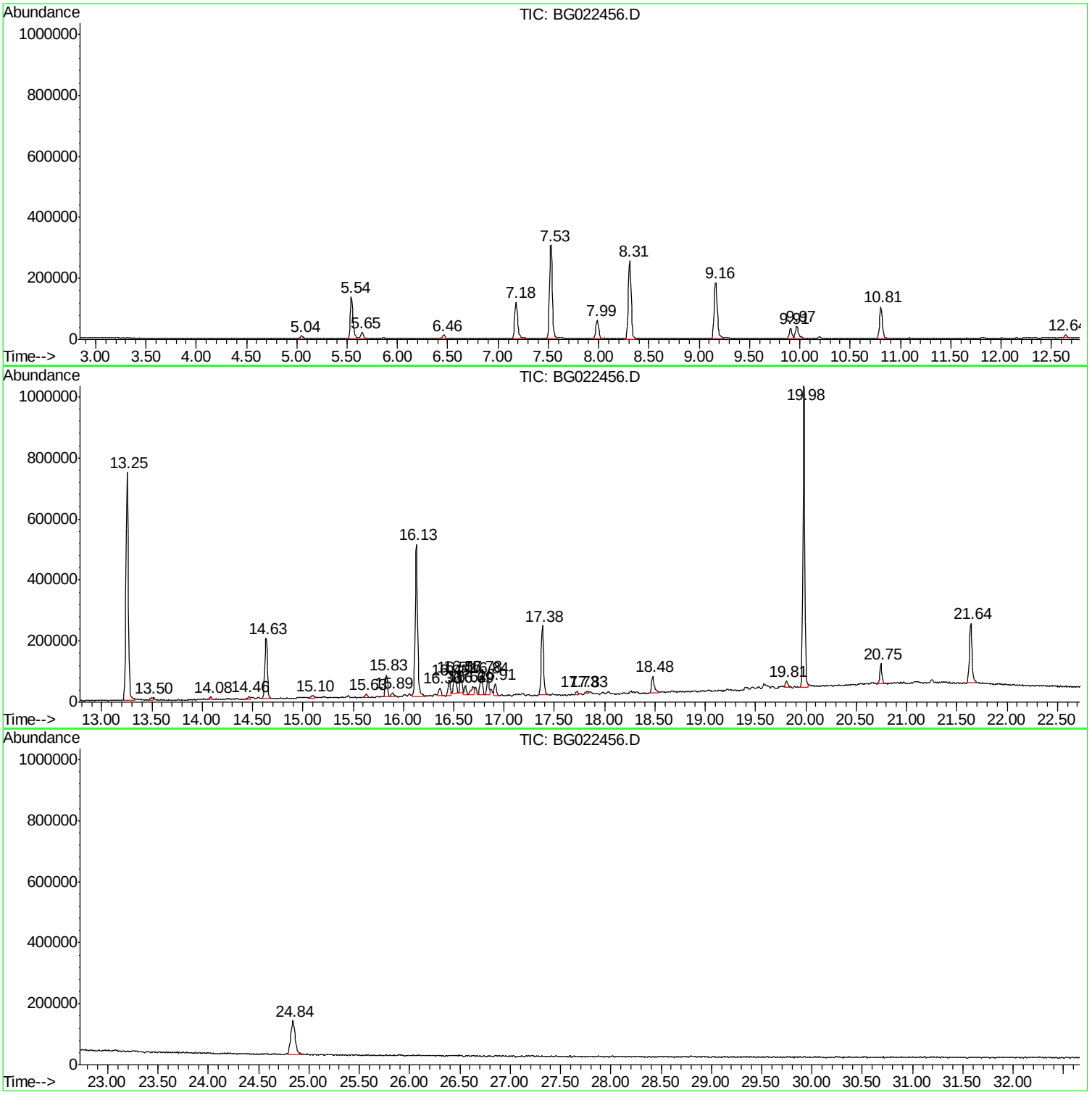
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022456.D
Acq On : 21 Jun 2016 1:01
Operator : UM/SJ
Sample : H3679-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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\BG062016\
Data File : BG022456.D
Acq On : 21 Jun 2016 1:01
Operator : UM/SJ
Sample : H3679-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

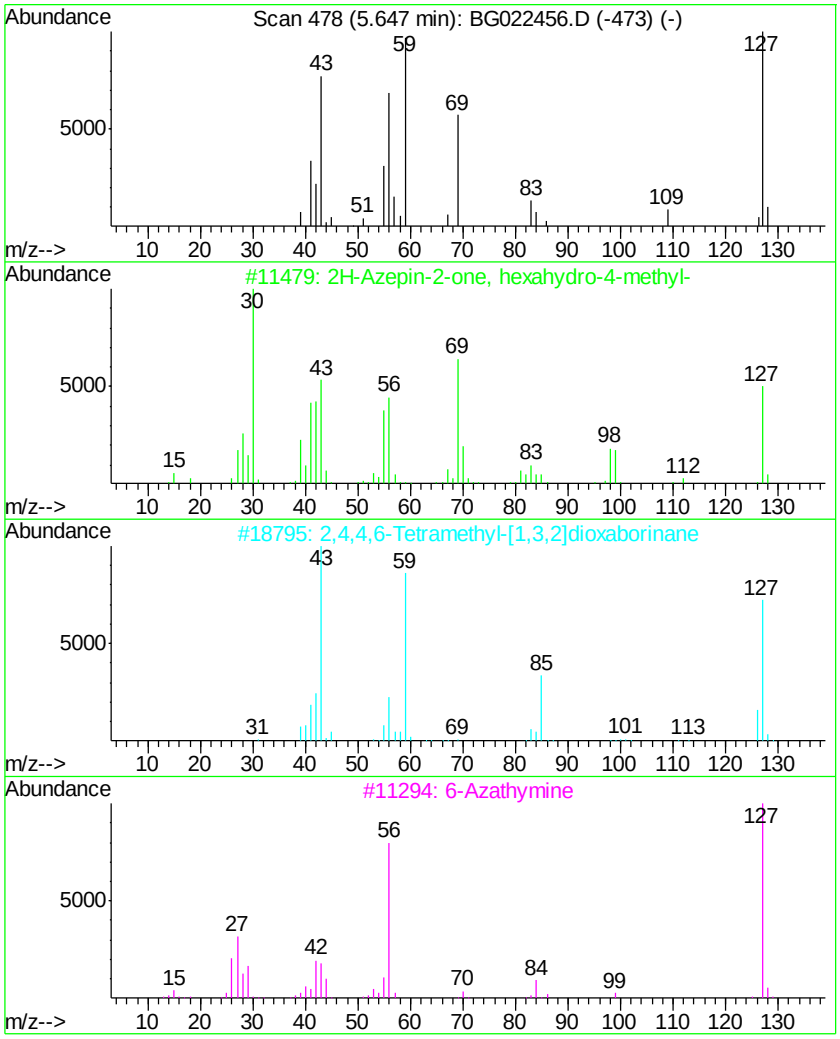
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

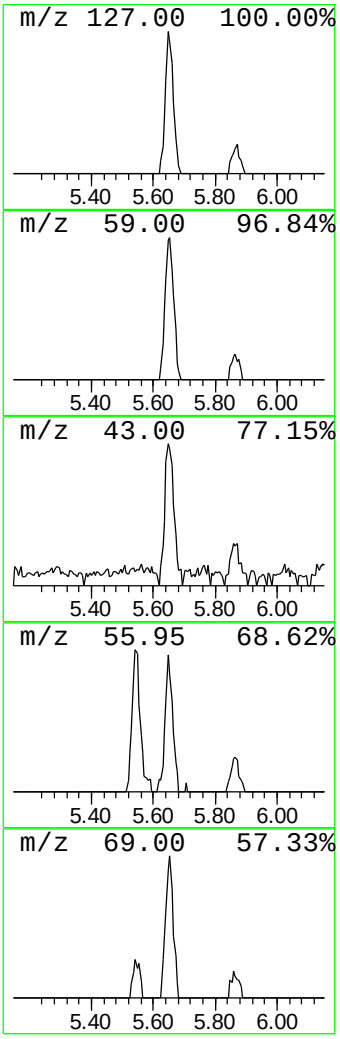
****

Peak Number 2 unknown5.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	6.43 ng	38558	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Azepin-2-one, hexahydro-4-met...	127	C7H13NO	003623-05-0	43
2	2,4,4,6-Tetramethyl-[1,3,2]dioxa...	142	C7H15BO2	211613-23-9	38
3	6-Azathymine	127	C4H5N3O2	000932-53-6	37
4	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	35
5	2,4(1H,3H)-Pyrimidinedione, 5-am...	127	C4H5N3O2	000932-52-5	32





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022456.D
Acq On : 21 Jun 2016 1:01
Operator : UM/SJ
Sample : H3679-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

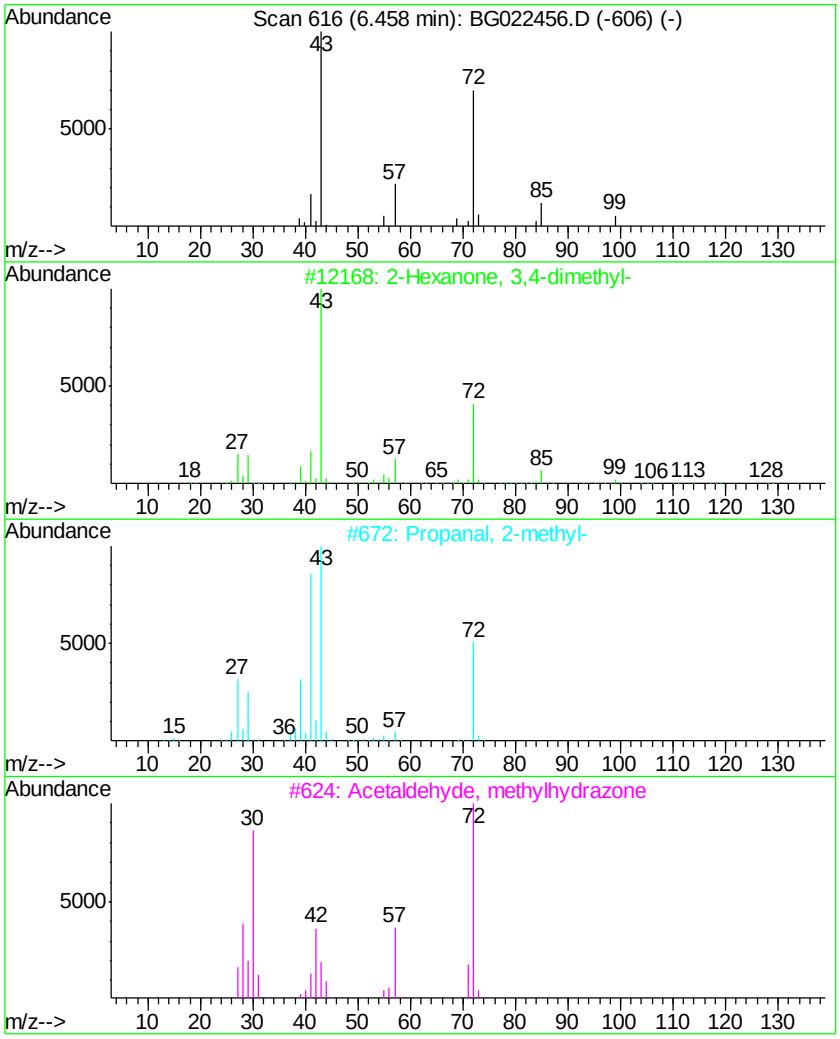
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

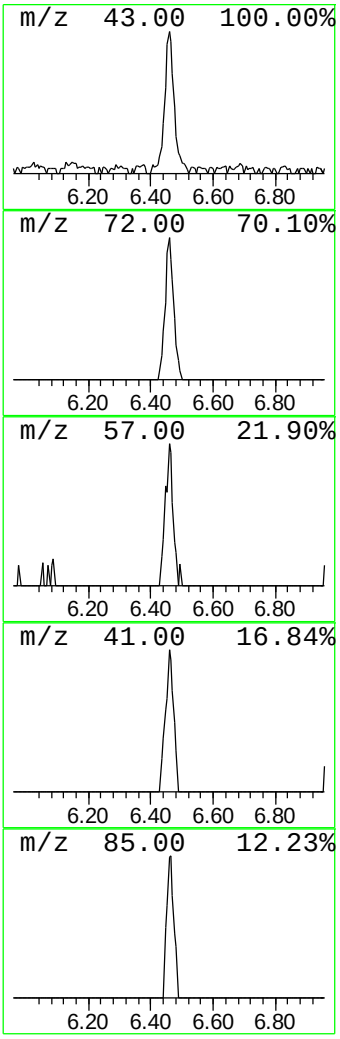
****

Peak Number 3 2-Hexanone, 3,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	4.45 ng	26673	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 3,4-dimethyl-	128	C8H16O	019550-10-8	78
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	45
3	Acetaldehyde, methylhydrazone	72	C3H8N2	017167-73-6	9
4	Formaldehyde, dimethylhydrazone	72	C3H8N2	002035-89-4	9
5	(1-Ethyl-2-methylpropyl)methylamine	115	C7H17N	1000195-05-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022456.D
Acq On : 21 Jun 2016 1:01
Operator : UM/SJ
Sample : H3679-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

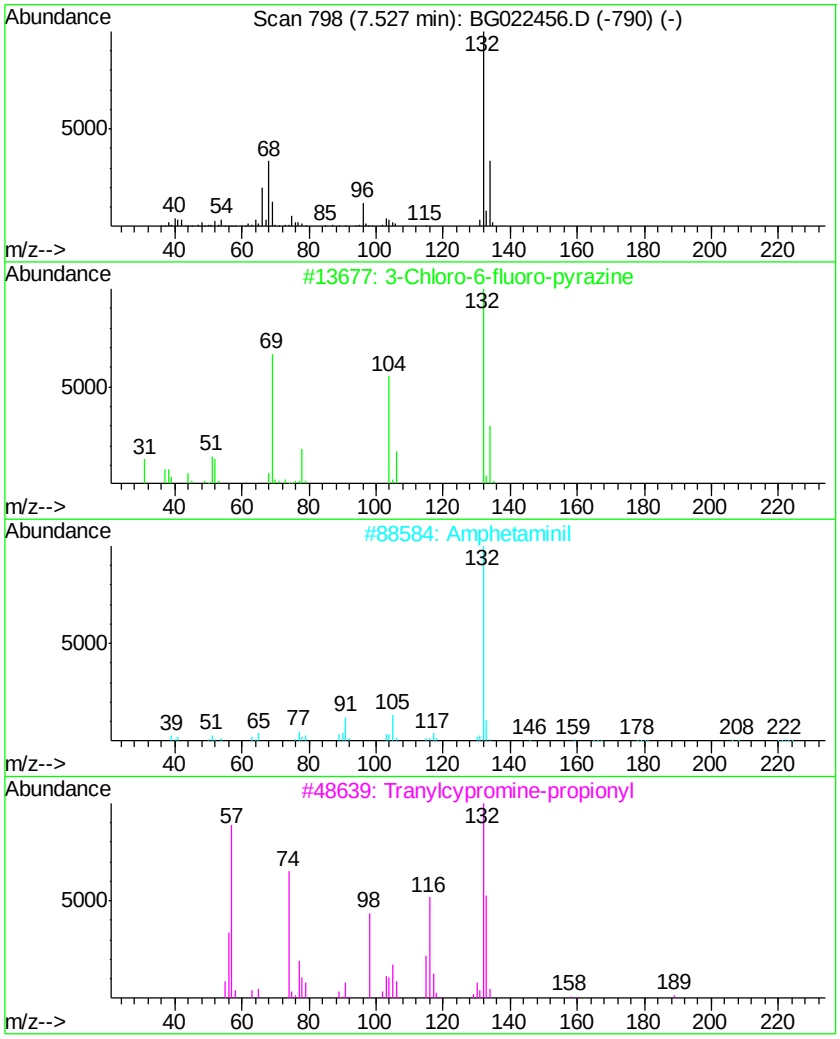
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

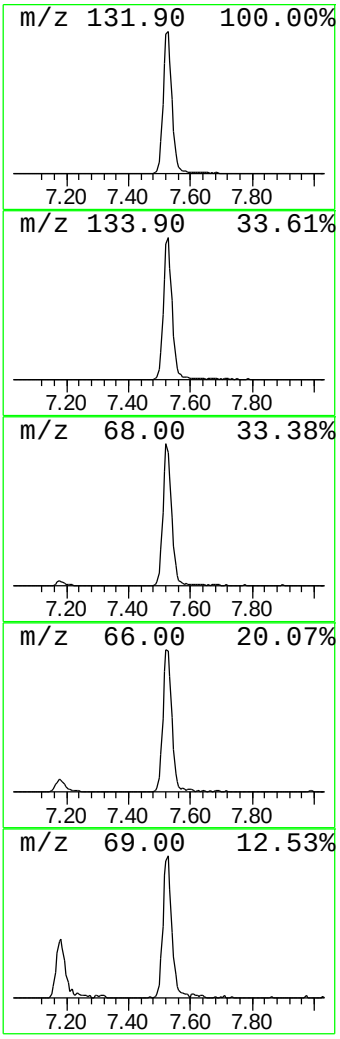
****

Peak Number 4 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	101.20 ng	606579	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	Amphetaminil	250	C17H18N2	017590-01-1	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022456.D
Acq On : 21 Jun 2016 1:01
Operator : UM/SJ
Sample : H3679-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

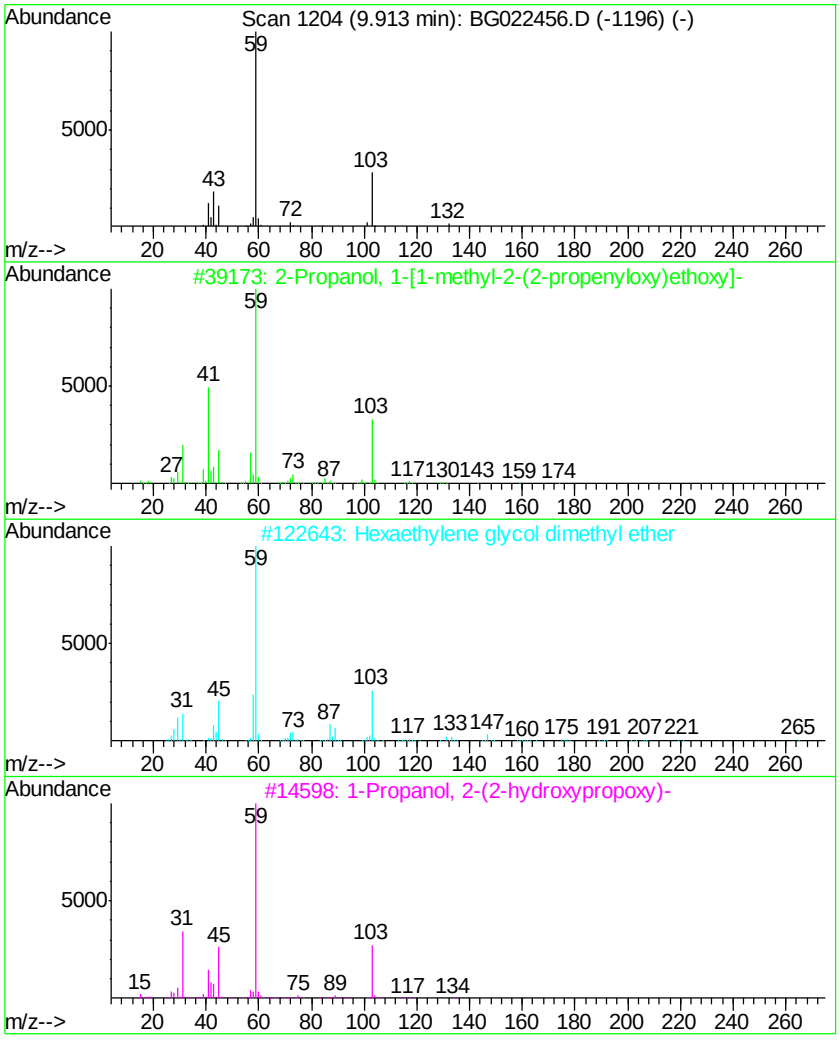
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

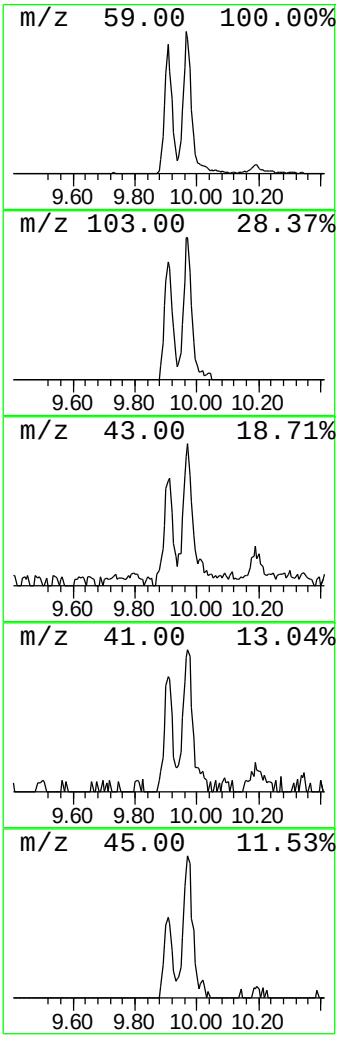
****

Peak Number 6 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	5.69 ng	61350	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	78
2	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	64
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	56
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	47
5	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022456.D
Acq On : 21 Jun 2016 1:01
Operator : UM/SJ
Sample : H3679-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

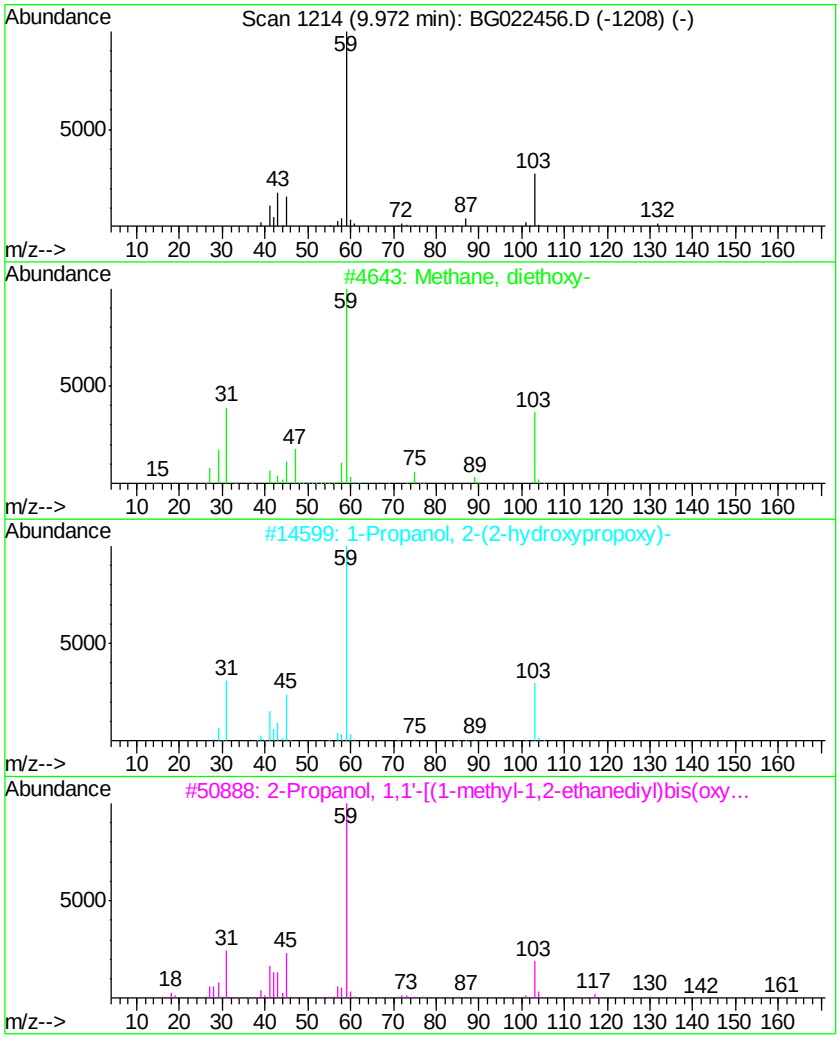
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

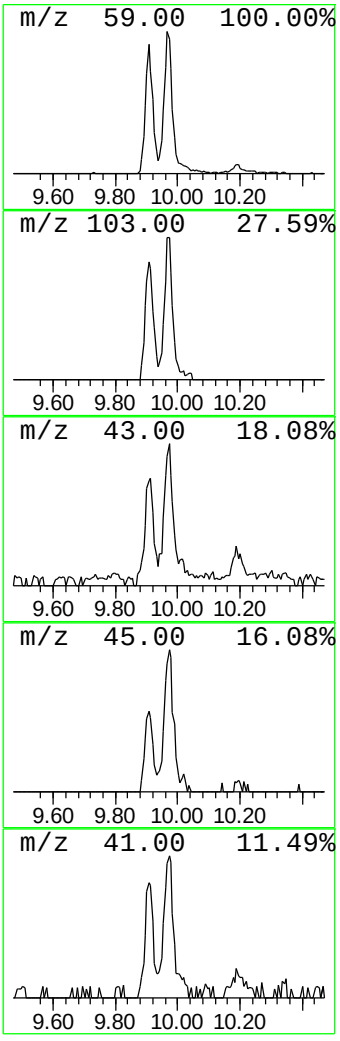
****

Peak Number 7 Methane, diethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	8.20 ng	88366	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, diethoxy-	104	C5H12O2	000462-95-3	72
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
3	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	64
4	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	64
5	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	64





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Data File : BG022456.D
Acq On : 21 Jun 2016 1:01
Operator : UM/SJ
Sample : H3679-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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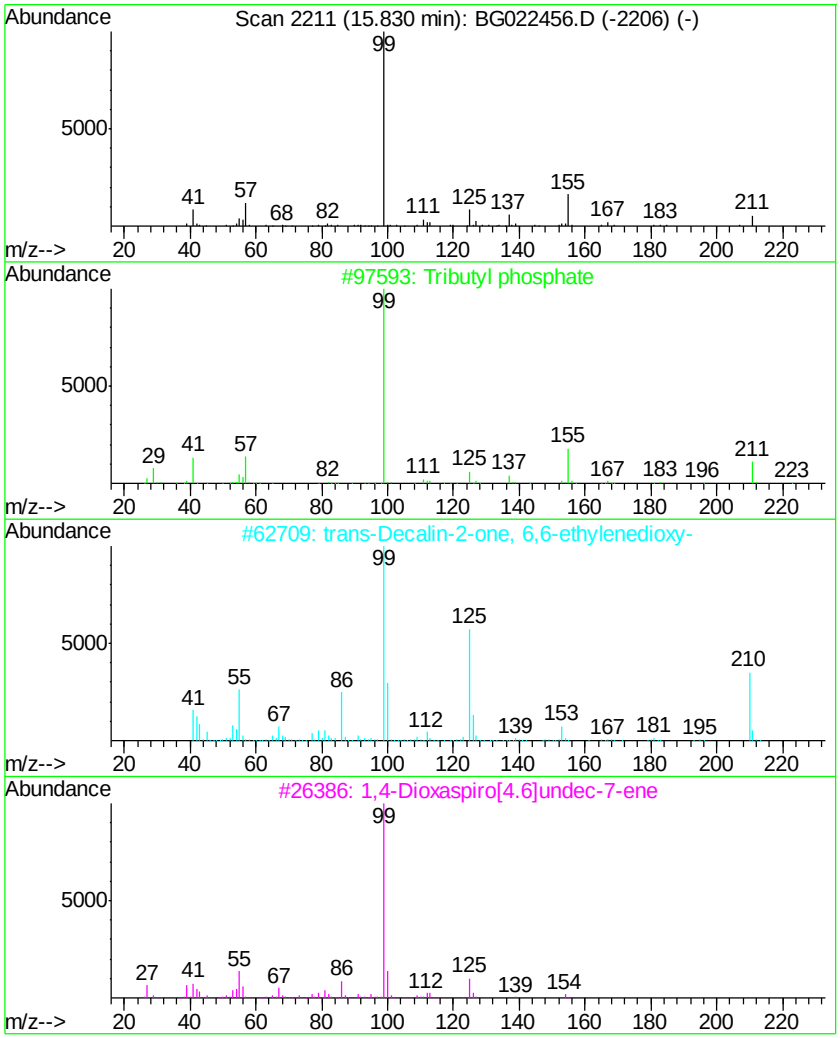
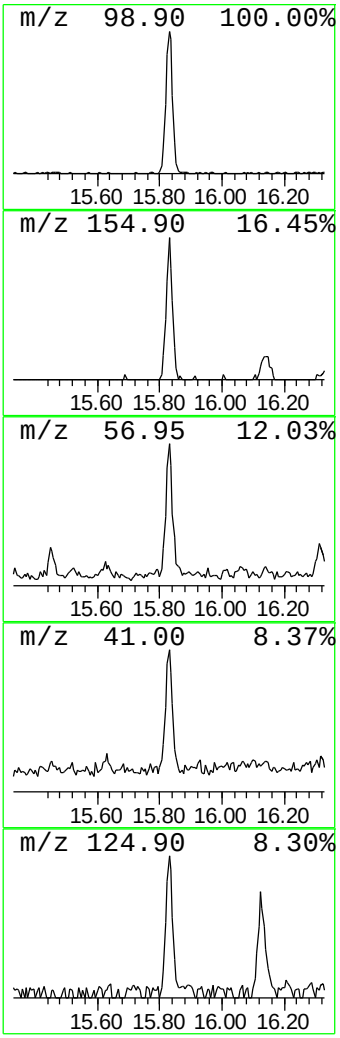
Peak Number 8 Tributyl phosphate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	5.98 ng	106604	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	78
2	trans-Decalin-2-one, 6,6-ethylen...	210	C12H18O3	1000126-93-8	33
3	1,4-Dioxaspiro[4.6]undec-7-ene	154	C9H14O2	007140-60-5	12
4	Dicyclohexylmethylsilane	210	C13H26Si	037591-76-7	9
5	Propanoic acid, 2-(1-acetyl-2-me...	228	C10H16N2O4	1000287-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022456.D
Acq On : 21 Jun 2016 1:01
Operator : UM/SJ
Sample : H3679-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

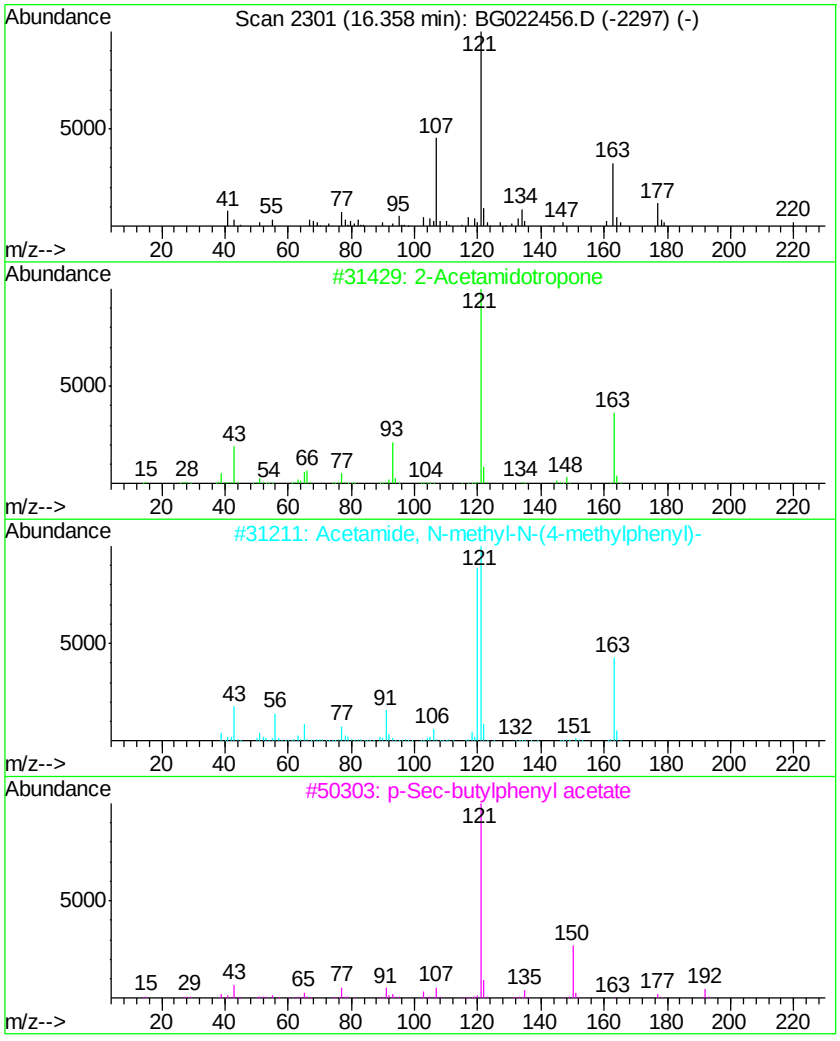
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

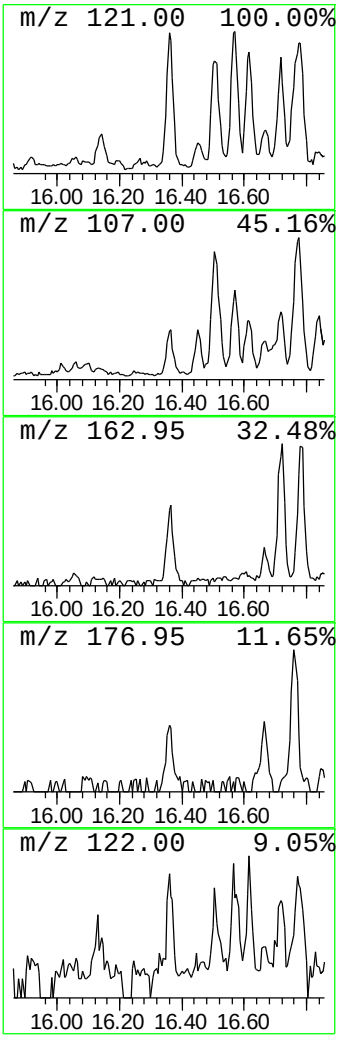
****

Peak Number 9 unknown16.36 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	2.36 ng	45241	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	38
2	Acetamide, N-methyl-N-(4-methylp...	163	C10H13NO	000612-03-3	38
3	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	38
4	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	38
5	3-(4-Hydroxybenzoylhydrazono)-N-...	353	C20H23N3O3	330639-03-7	37





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022456.D
Acq On : 21 Jun 2016 1:01
Operator : UM/SJ
Sample : H3679-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

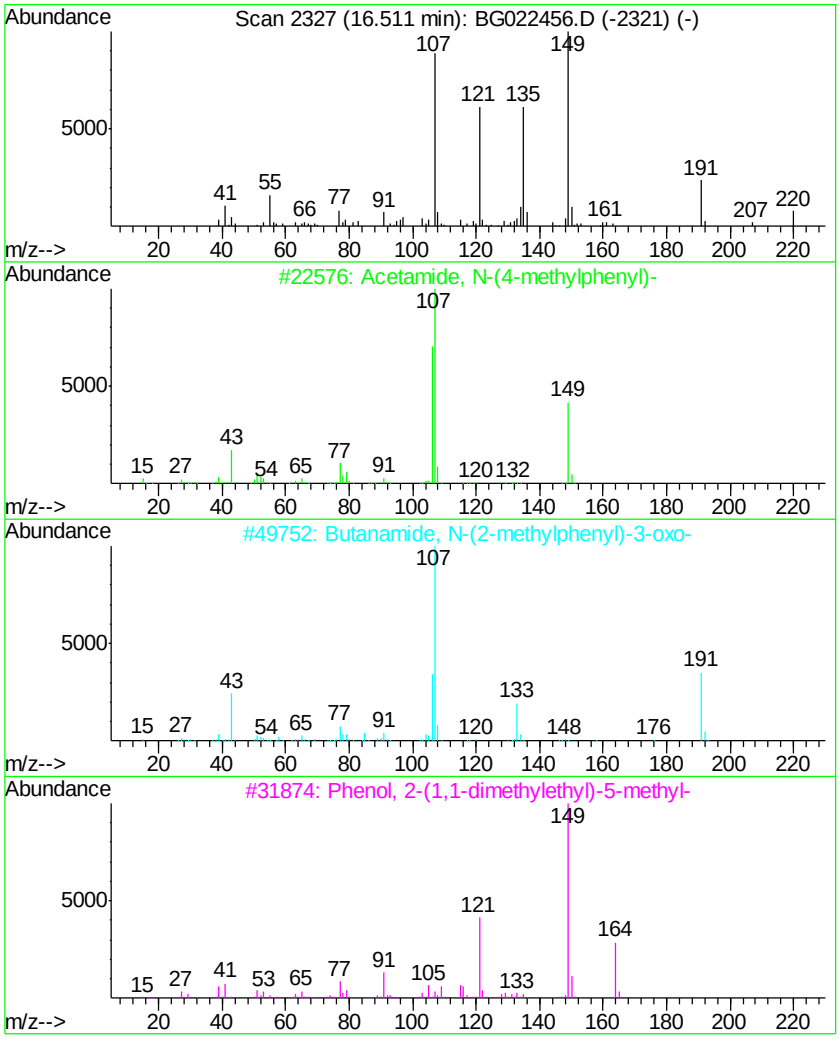
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

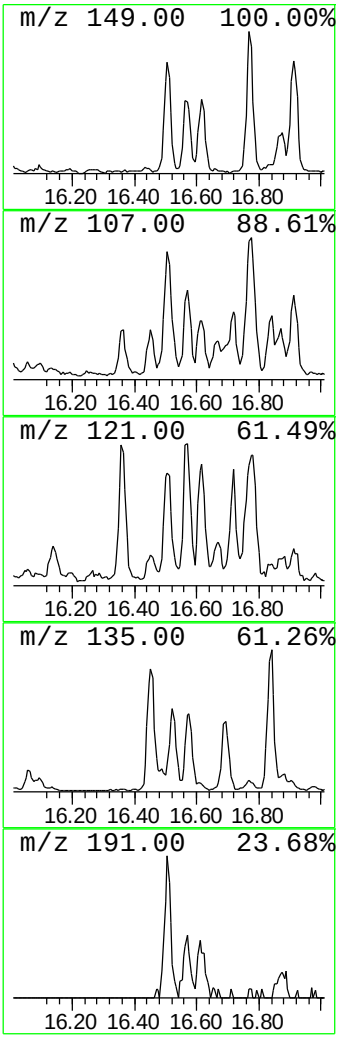
****

Peak Number 11 Acetamide, N-(4-methylphenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	5.60 ng	107202	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	58
2	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	38
3	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	35
4	Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	35
5	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022456.D
Acq On : 21 Jun 2016 1:01
Operator : UM/SJ
Sample : H3679-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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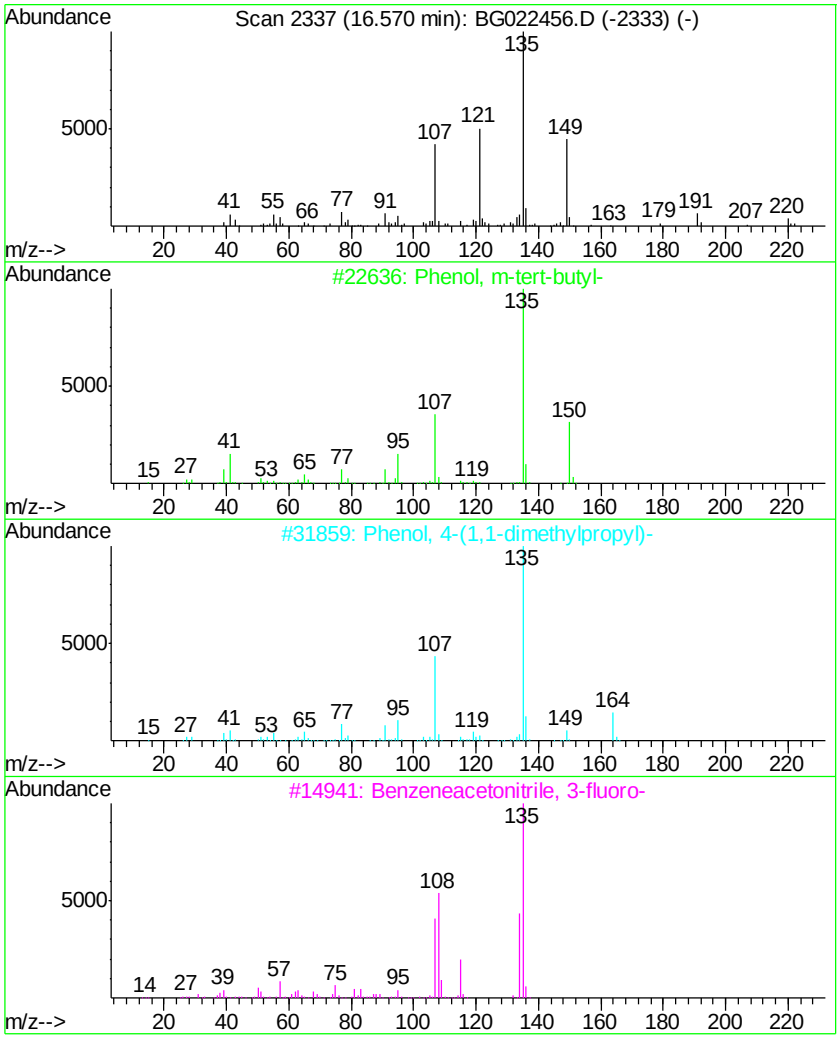
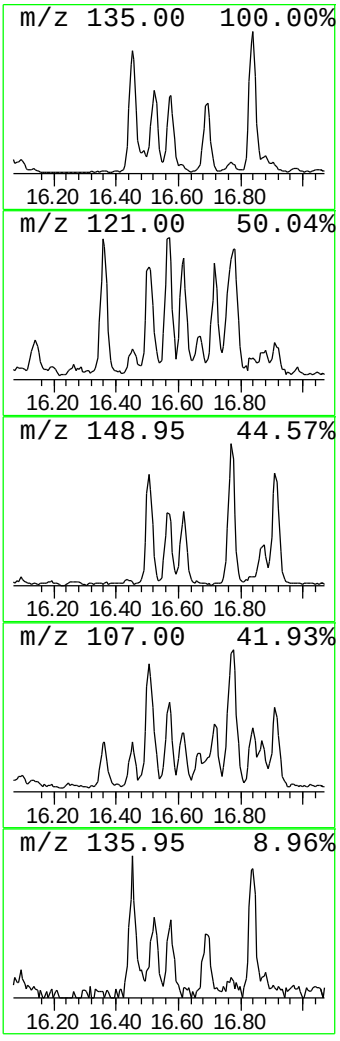
Peak Number 12 Phenol, m-tert-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	4.38 ng	83888	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
3	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	50
4	Anhydro 5-hydroxy-3-piperonyl-1,...	221	C9H7N3O4	1000256-56-5	42
5	Hexestrol	270	C18H22O2	005635-50-7	40





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022456.D
Acq On : 21 Jun 2016 1:01
Operator : UM/SJ
Sample : H3679-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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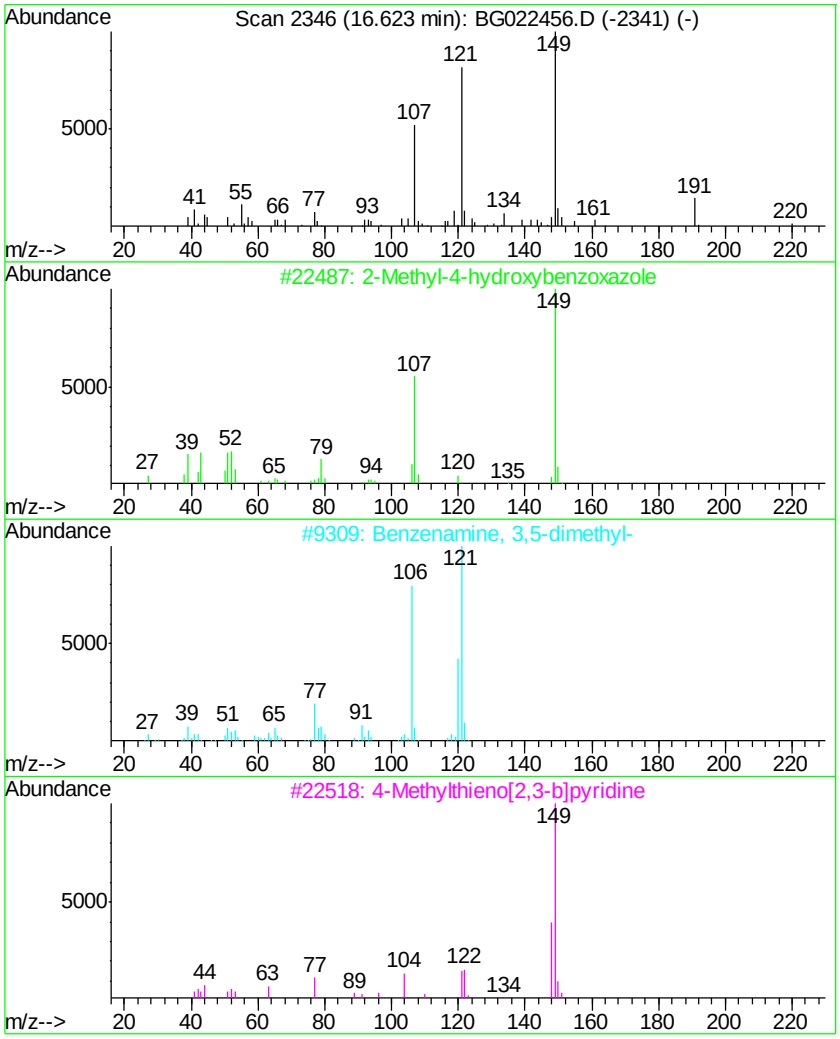
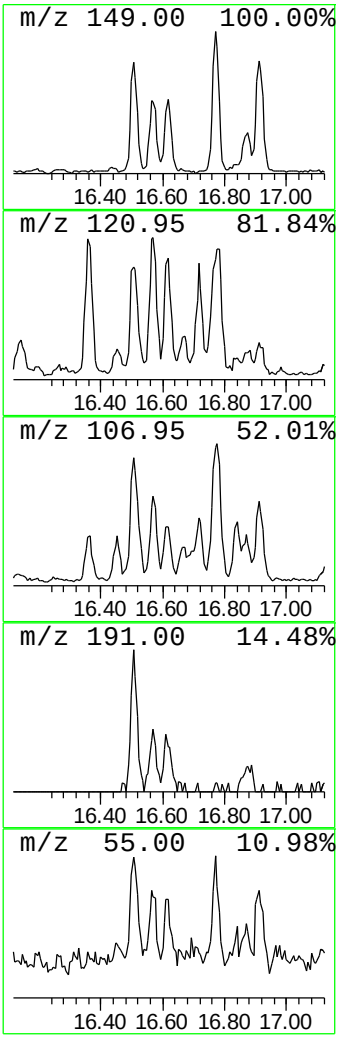
Peak Number 13 unknown16.62 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.09 ng	39980	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	32
2	Benzenamine, 3,5-dimethyl-	121	C8H11N	000108-69-0	27
3	4-Methylthieno[2,3-b]pyridine	149	C8H7NS	013362-81-7	27
4	Anisole, p-octyl-	220	C15H24O	003307-19-5	27
5	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	25





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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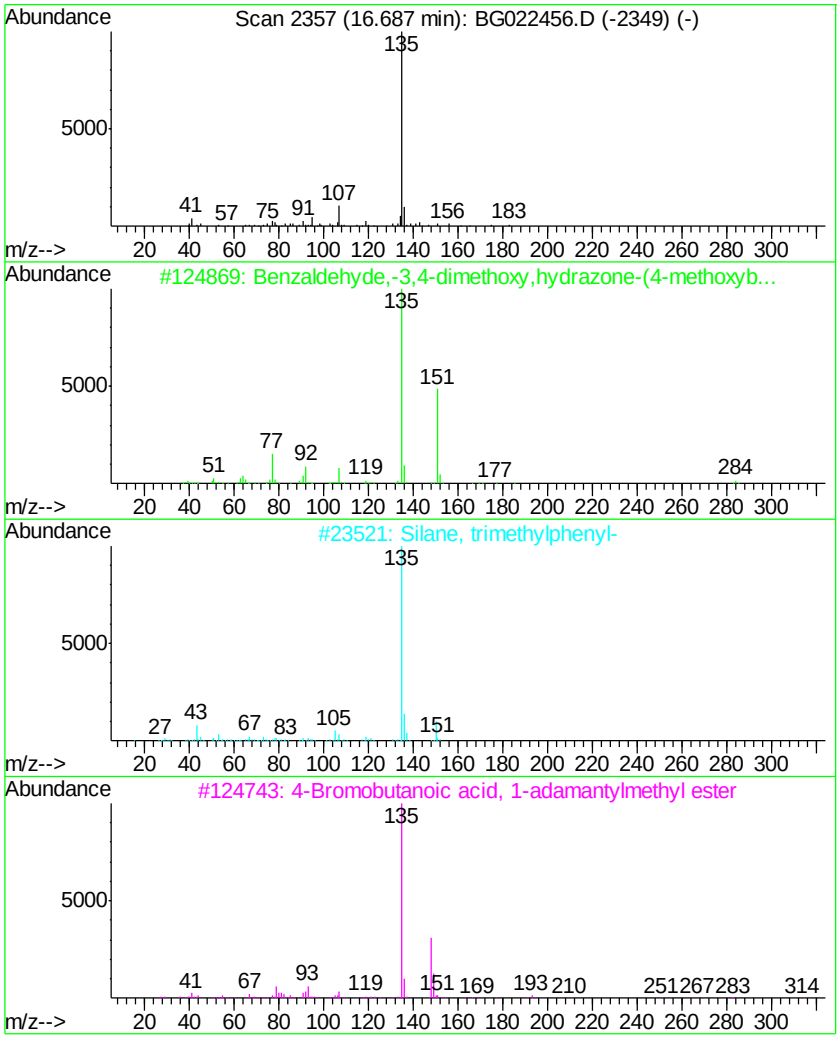
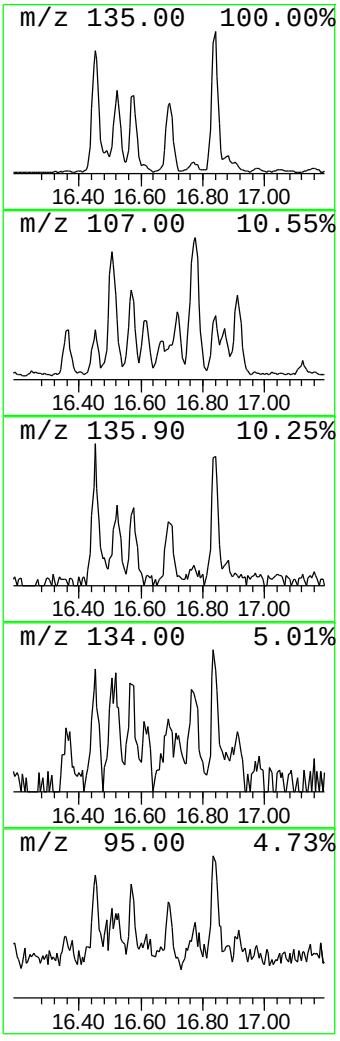
Peak Number 14 Benzaldehyde,-3,4-dimethoxy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	3.02 ng	57876	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde,-3,4-dimethoxy,hydr...	314	C17H18N2O4	103635-29-6	50
2	Silane, trimethylphenyl-	150	C9H14Si	000768-32-1	45
3	4-Bromobutanoic acid, 1-adamanty...	314	C15H23BrO2	1000282-75-3	45
4	o-Anisic acid, 2,6-dimethylnon-1...	300	C19H24O3	1000292-57-7	42
5	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	40





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Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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TIC Library : C:\DATABASE\NIST02.L
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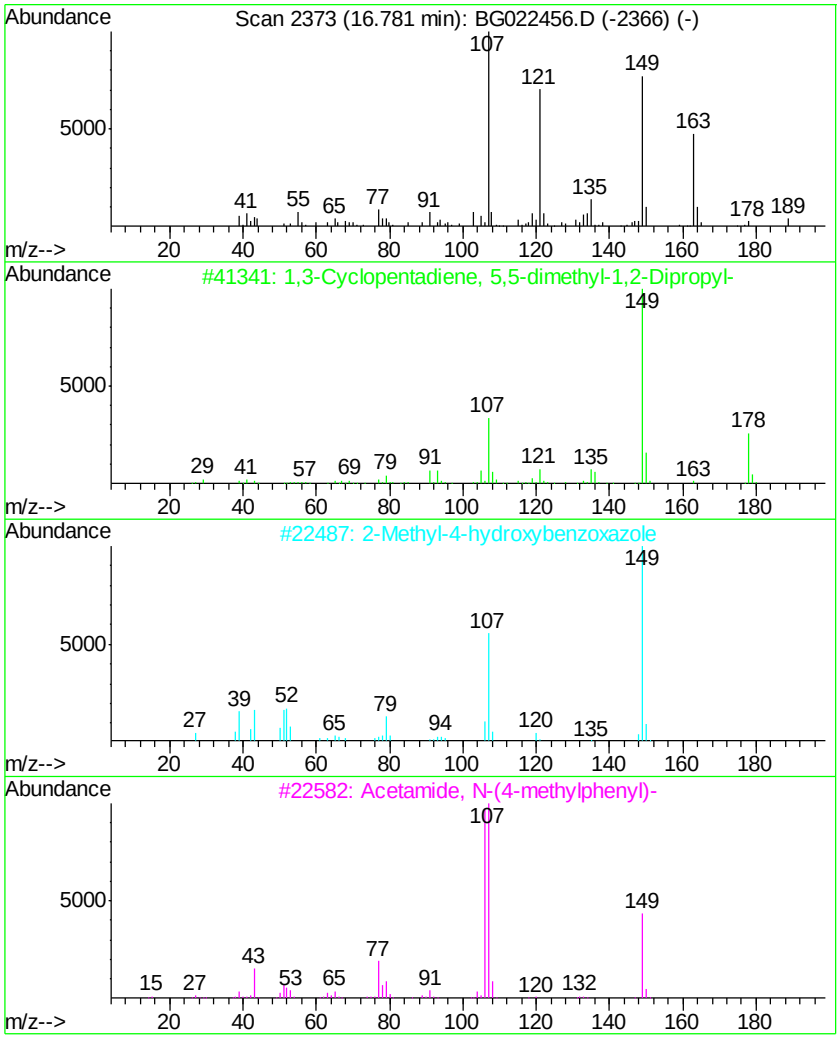
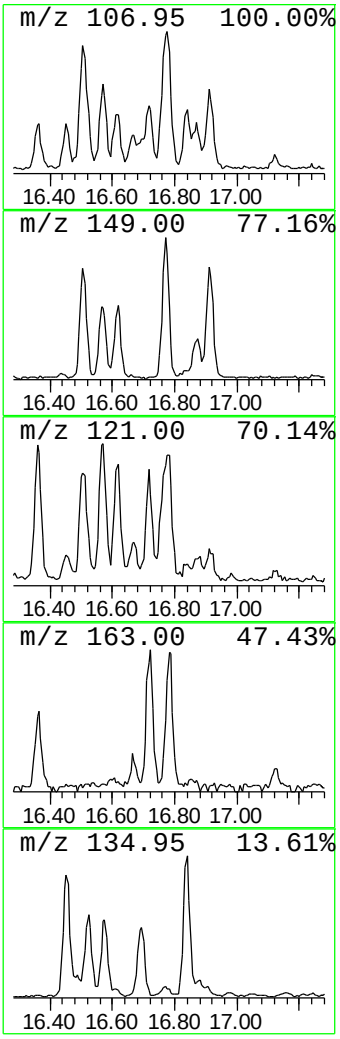
Peak Number 15 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	6.15 ng	117751	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	50
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	45
3	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	43
4	Phenol, 2-(1,1-dimethylethyl)-3-...	164	C11H16O	013037-79-1	38
5	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	37





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Sample : H3679-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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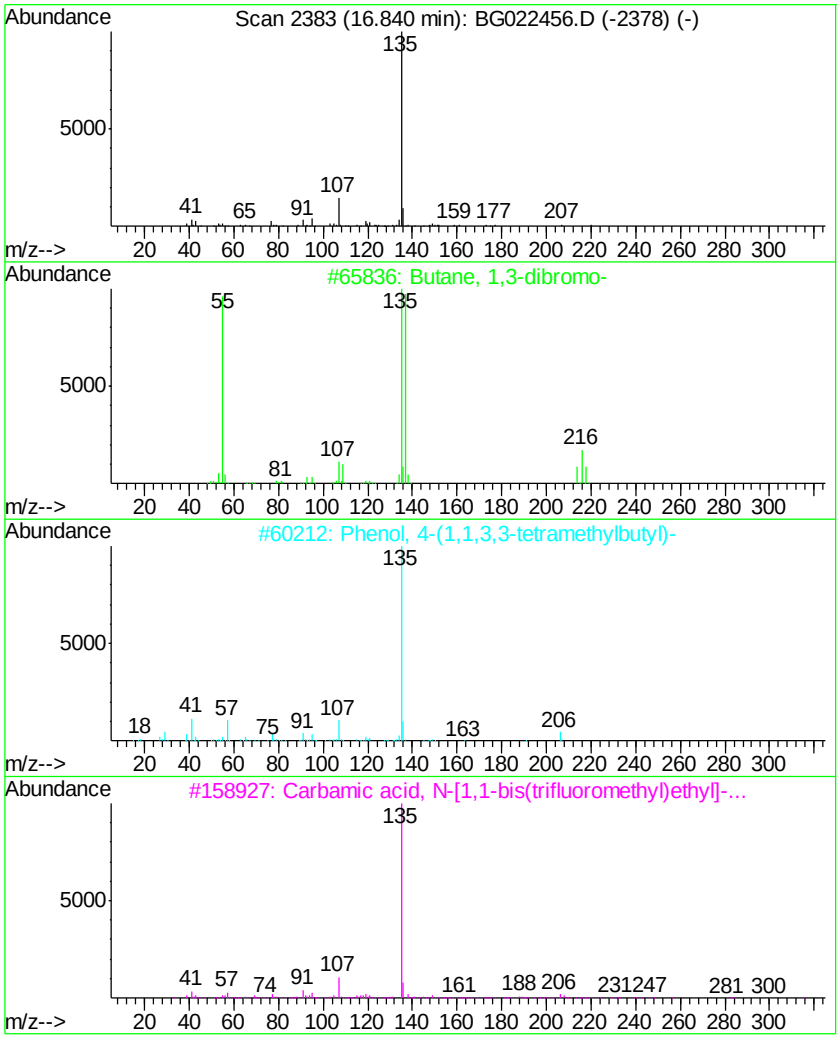
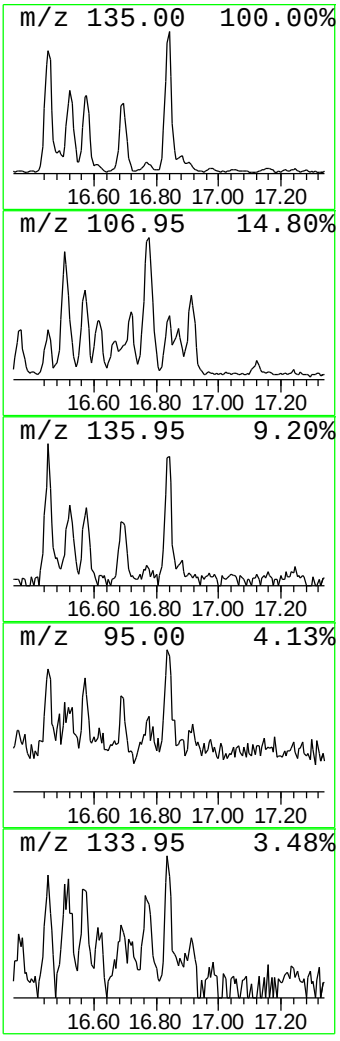
Peak Number 16 Butane, 1,3-dibromo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	4.61 ng	88259	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
4	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	56
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56





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Operator : UM/SJ
Sample : H3679-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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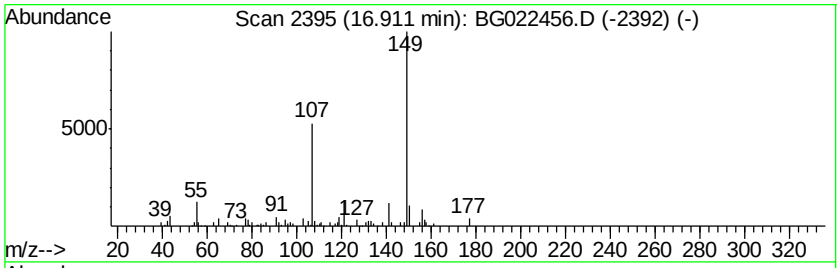
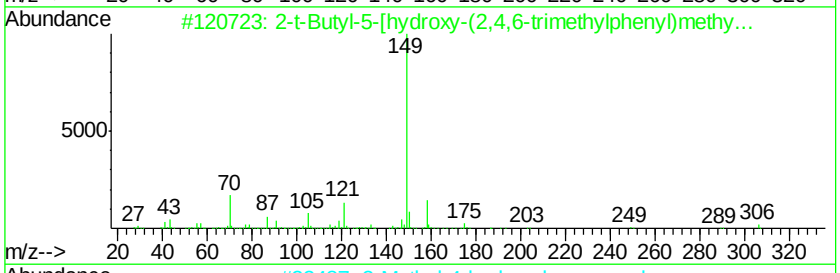
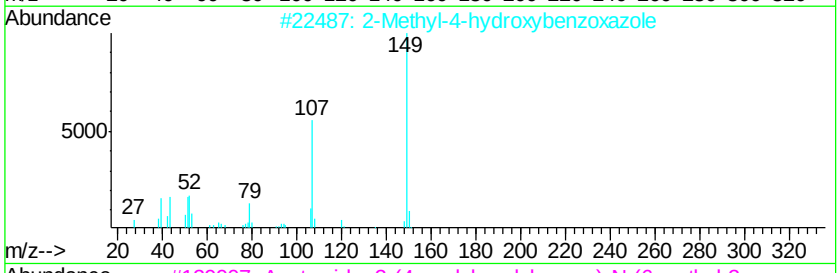
Peak Number 17 unknown16.91 Concentration Rank 15

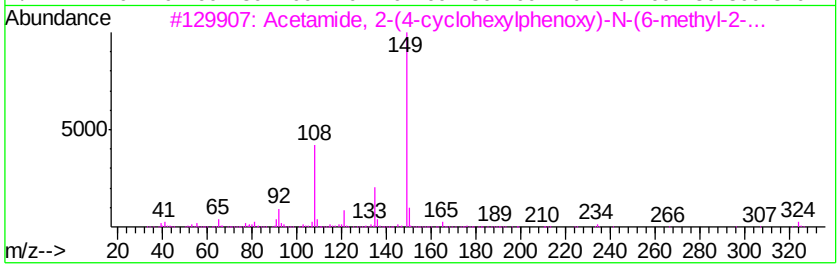
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	3.21 ng	61409	Phenanthrene-d10	17.38

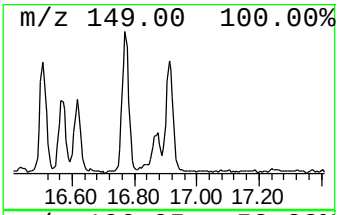
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-t-Butyl-5-[hydroxy-(2,4,6-trim...	306	C18H26O4	092572-63-9	47
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	38
3	Acetamide, 2-(4-cyclohexylphenox...	324	C20H24N2O2	1000263-95-6	38
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
5	6-Methylthieno[2,3-b]pyridine	149	C8H7NS	001759-30-4	37

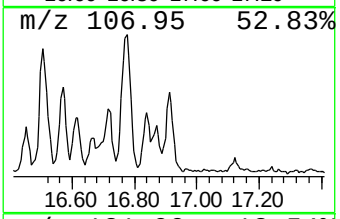


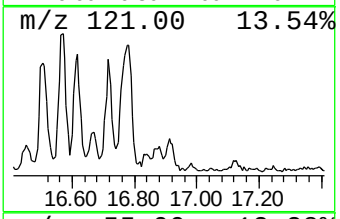


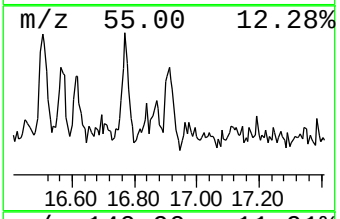


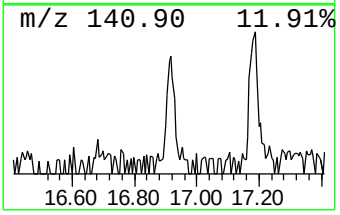












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Instrument : BNA_G
ClientSampleId : W-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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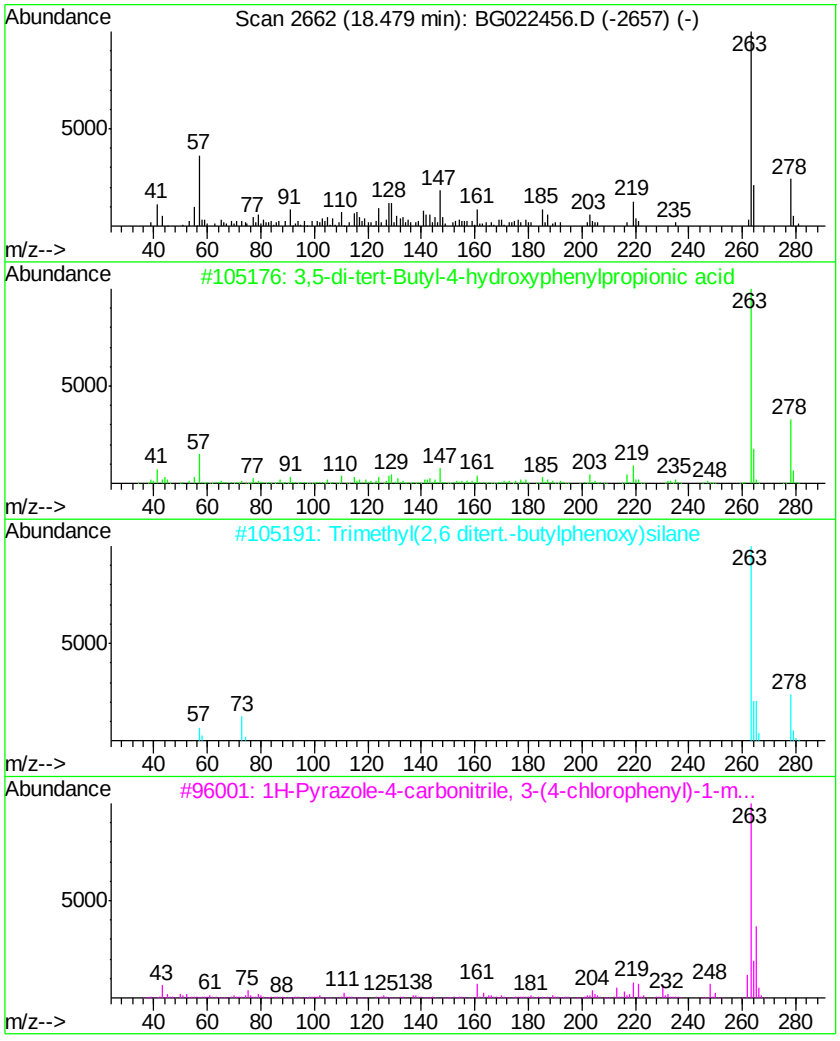
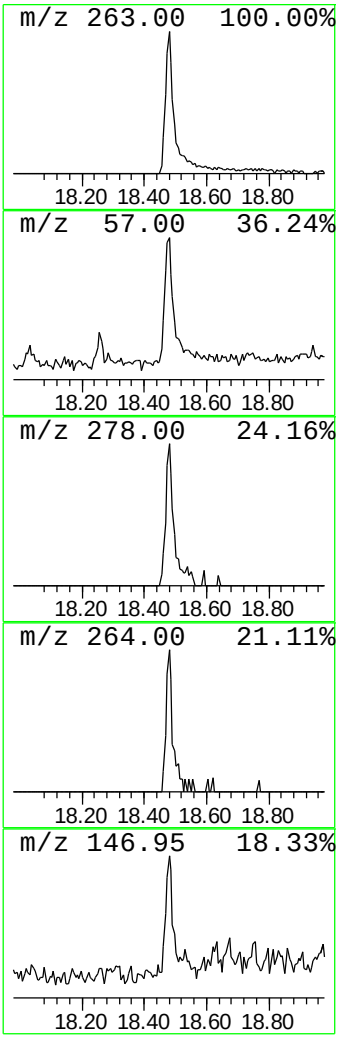
Peak Number 18 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	5.55 ng	106142	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxyphenyl...	278	C17H26O3	020170-32-5	83
2	Trimethyl(2,6 ditert.-butylpheno...	278	C17H30OSi	010416-73-6	53
3	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	50
4	Iron, (.eta.-5-cyclopentadienyl)...	263	C15H13FeN	1000164-28-2	46
5	Liriodendromine	263	C16H9NO3	1000128-51-0	43





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TIC Library : C:\DATABASE\NIST02.L
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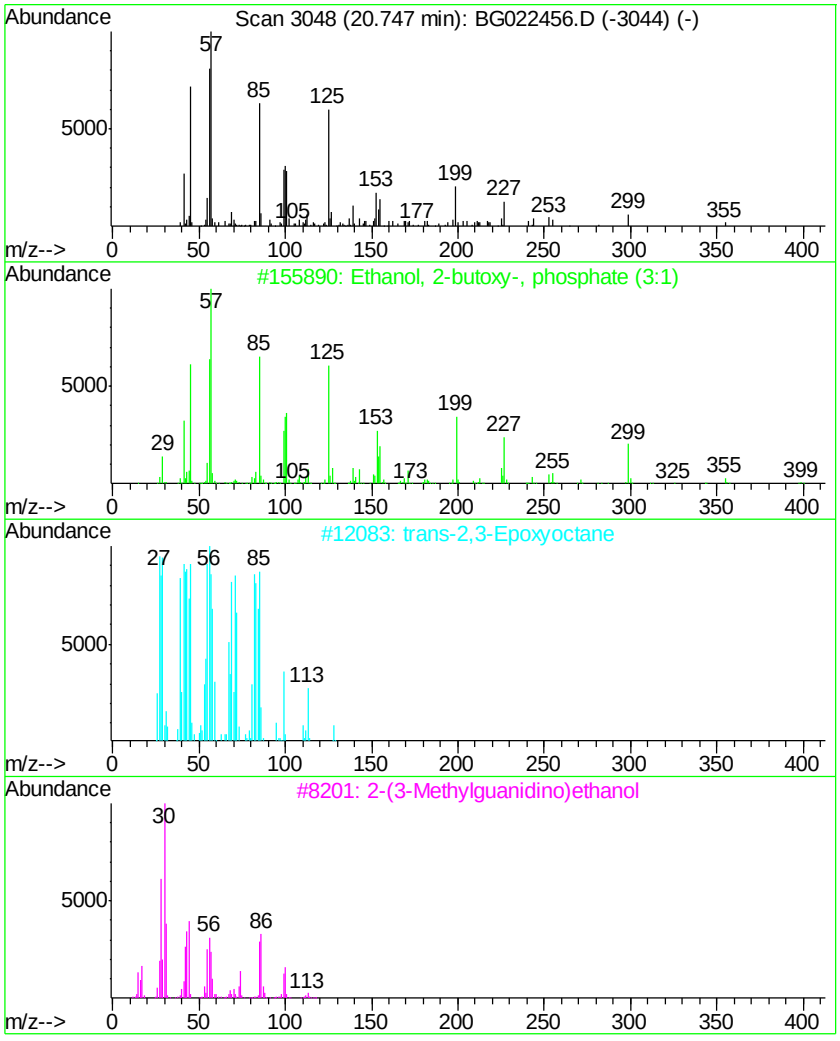
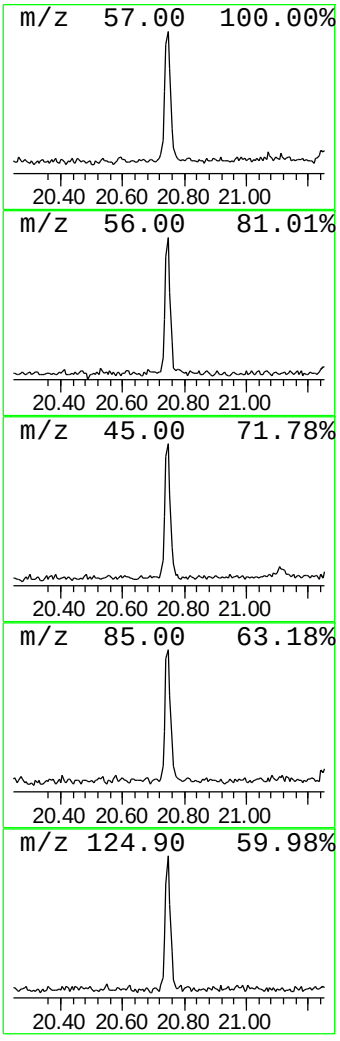
Peak Number 19 Ethanol, 2-butoxy-, phospha... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	4.58 ng	81414	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	91
2	trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	47
3	2-(3-Methylguanidino)ethanol	117	C4H11N3O	1000242-22-5	43
4	2-Propanone, ethylhydrazone	100	C5H12N2	007422-99-3	38
5	cis-2,3-Epoxyoctane	128	C8H16O	023024-54-6	37





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown5.65	5.65	6.4	ng	38558	1	7.99	119876	20.0
2-Hexanone, 3,4-d...	6.46	4.5	ng	26673	1	7.99	119876	20.0
unknown7.53	7.53	101.2	ng	606579	1	7.99	119876	20.0
2-Propanol, 1-[1-...	9.91	5.7	ng	61350	2	10.81	215598	20.0
Methane, diethoxy-	9.97	8.2	ng	88366	2	10.81	215598	20.0
Tributyl phosphate	15.83	6.0	ng	106604	3	14.63	356431	20.0
unknown16.36	16.36	2.4	ng	45241	4	17.38	382751	20.0
Acetamide, N-(4-m...	16.51	5.6	ng	107202	4	17.38	382751	20.0
Phenol, m-tert-bu...	16.57	4.4	ng	83888	4	17.38	382751	20.0
unknown16.62	16.62	2.1	ng	39980	4	17.38	382751	20.0
Benzaldehyde,-3,4...	16.69	3.0	ng	57876	4	17.38	382751	20.0
1,3-Cyclopentadie...	16.78	6.2	ng	117751	4	17.38	382751	20.0
Butane, 1,3-dibromo-	16.84	4.6	ng	88259	4	17.38	382751	20.0
unknown16.91	16.91	3.2	ng	61409	4	17.38	382751	20.0
3,5-di-tert-Butyl...	18.48	5.5	ng	106142	4	17.38	382751	20.0
Ethanol, 2-butoxy...	20.75	4.6	ng	81414	5	21.63	355668	20.0