LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003816.D
Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

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_M\METHODS\8270-BM120915.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	4.804	286	292	303	rVB	82823	119546	4.62%	0.632%
2	5.269	366	371	380	rBV	481912	708863	27.41%	3.749%
3	5.404	389	394	399	rBB	28194	38249	1.48%	0.202%
4	6.863	636	642	657	rVB	350788	535031	20.68%	2.830%
5	7.216	696	702	712	rBV	856182	1349484	52.17%	7.138%
6	7.681	775	781	789	rBB	200365	306468	11.85%	1.621%
7	8.004	829	836	844	rBV	717093	1172849	45.34%	6.203%
8	8.839	971	978	989	rBV	589452	984789	38.07%	5.209%
9	9.598	1101	1107	1112	rBV	211681	304569	11.77%	1.611%
10	9.657	1112	1117	1124	rVV	257772	395000	15.27%	2.089%
11	9.875	1149	1154	1165	rVB	110893	177205	6.85%	0.937%
12	10.469	1248	1255	1262	rBV	285517	466875	18.05%	2.469%
13	12.339	1566	1573	1579	rBV	29415	46104	1.78%	0.244%
14	12.951	1670	1677	1690	rBV	1621772	2425796	93.78%	12.831%
15	13.692	1798	1803	1808	rBV	28859	52883	2.04%	0.280%
16	13.792	1815	1820	1829	rVB	67224	94318	3.65%	0.499%
17	14.333	1906	1912	1920	rVB2	411007	642174	24.83%	3.397%
18	15.563	2116	2121	2130	rVB	156972	223054	8.62%	1.180%
19	15.715	2140	2147	2153	rBV9	13769	38760	1.50%	0.205%
20	15.780	2154	2158	2161	rBV2	23142	33873	1.31%	0.179%
21	15.833	2161	2167	2176	rVB	1096832	1664364	64.35%	8.803%
22	16.080	2205	2209	2219	rVB	74549	103679	4.01%	0.548%
23	16.168	2219	2224	2229	rBV	134451	198433	7.67%	1.050%
24	16.227	2229	2234	2241	rVV2	156341	311021	12.02%	1.645%
25	16.292	2241	2245	2249	rVV2	164769	239465	9.26%	1.267%
26	16.333	2249	2252	2258	rVV	93318	137794	5.33%	0.729%
27	16.386	2258	2261	2262	rVV	36300	42868	1.66%	0.227%
28	16.410	2262	2265	2268	rVV	74286	114407	4.42%	0.605%
29	16.439	2268	2270	2274	rVV	65656	75436	2.92%	0.399%
30	16.492	2274	2279	2285	rVV4	155628	289172	11.18%	1.529%
31	16.557	2285	2290	2294	rVV	156345	218607	8.45%	1.156%
32	16.592	2294	2296	2299	rVV2	50042	66092	2.56%	0.350%
33	16.633	2299	2303	2310	rVB	99424	135920	5.25%	0.719%
34	16.839	2334	2338	2342	rBV2	18831	26991	1.04%	0.143%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003816.D
Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

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_M\METHODS\8270-BM120915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.086	2374	2380	2385	rBV2	486407	715684	27.67%	3.785%
36	17.445	2437	2441	2449	rVB	22679	33870	1.31%	0.179%
37	17.574	2460	2463	2470	rVB2	18697	28702	1.11%	0.152%
38	17.980	2528	2532	2538	rBV2	28609	51559	1.99%	0.273%
39	18.204	2565	2570	2581	rBV	95174	165084	6.38%	0.873%
40	19.274	2748	2752	2756	rBV4	17078	27158	1.05%	0.144%
41	19.539	2793	2797	2803	rVB	55745	72222	2.79%	0.382%
42	19.721	2822	2828	2836	rBV	1979806	2586595	100.00%	13.681%
43	20.515	2959	2963	2969	rBV	139727	163985	6.34%	0.867%
44	20.992	3041	3044	3047	rBV	24434	30089	1.16%	0.159%
45	21.286	3089	3094	3099	rBV	511290	676606	26.16%	3.579%
46	23.521	3467	3474	3484	rVB	321921	614734	23.77%	3.251%

Sum of corrected areas: 18906427

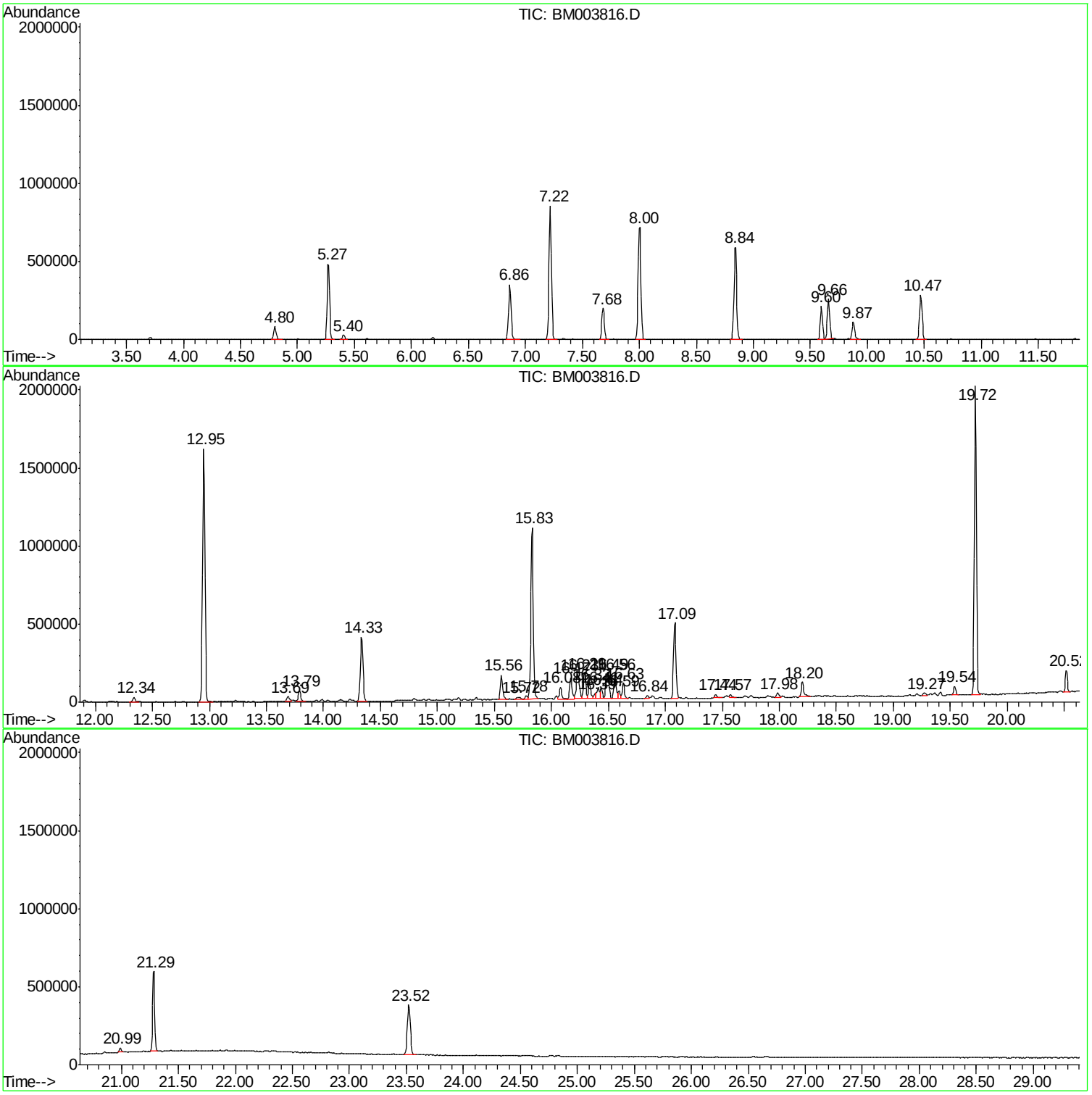
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003816.D
Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003816.D
Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

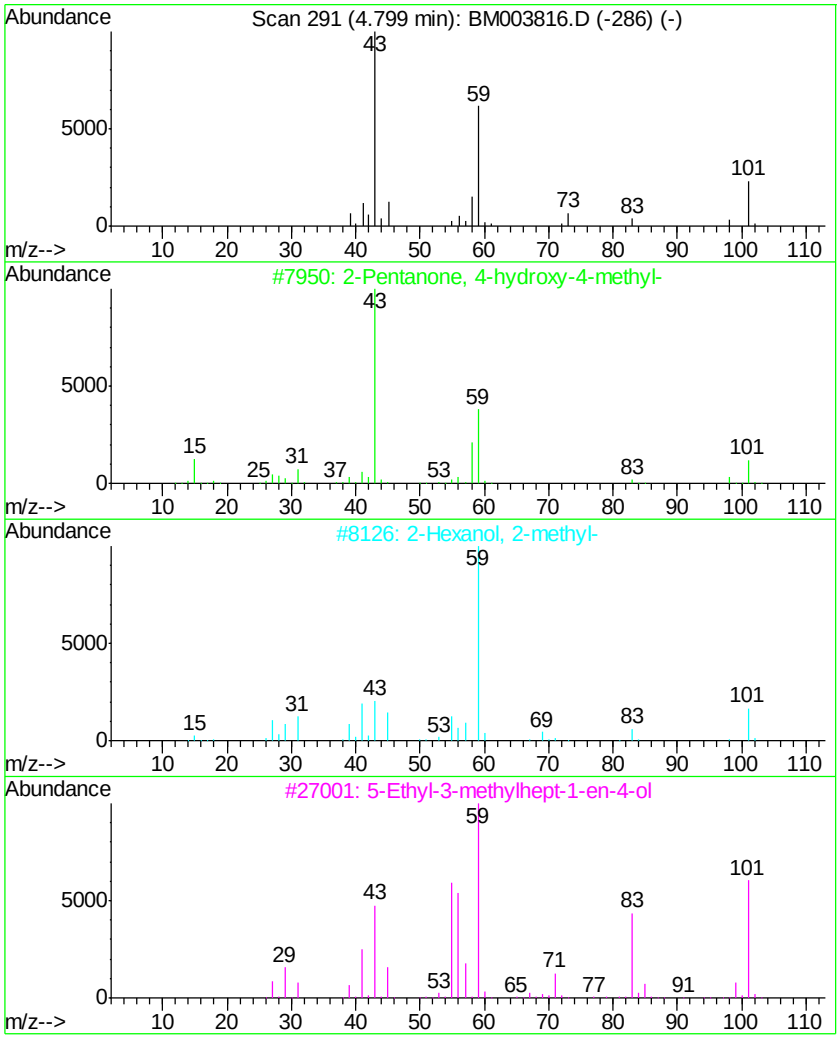
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

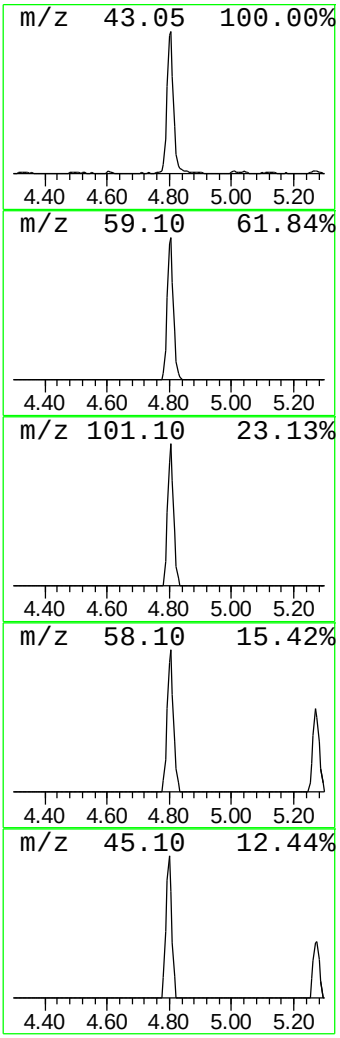
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	7.80 ng	119546	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	5-Ethyl-3-methylhept-1-en-4-ol	156	C10H20O	286424-80-4	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	27





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003816.D
Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

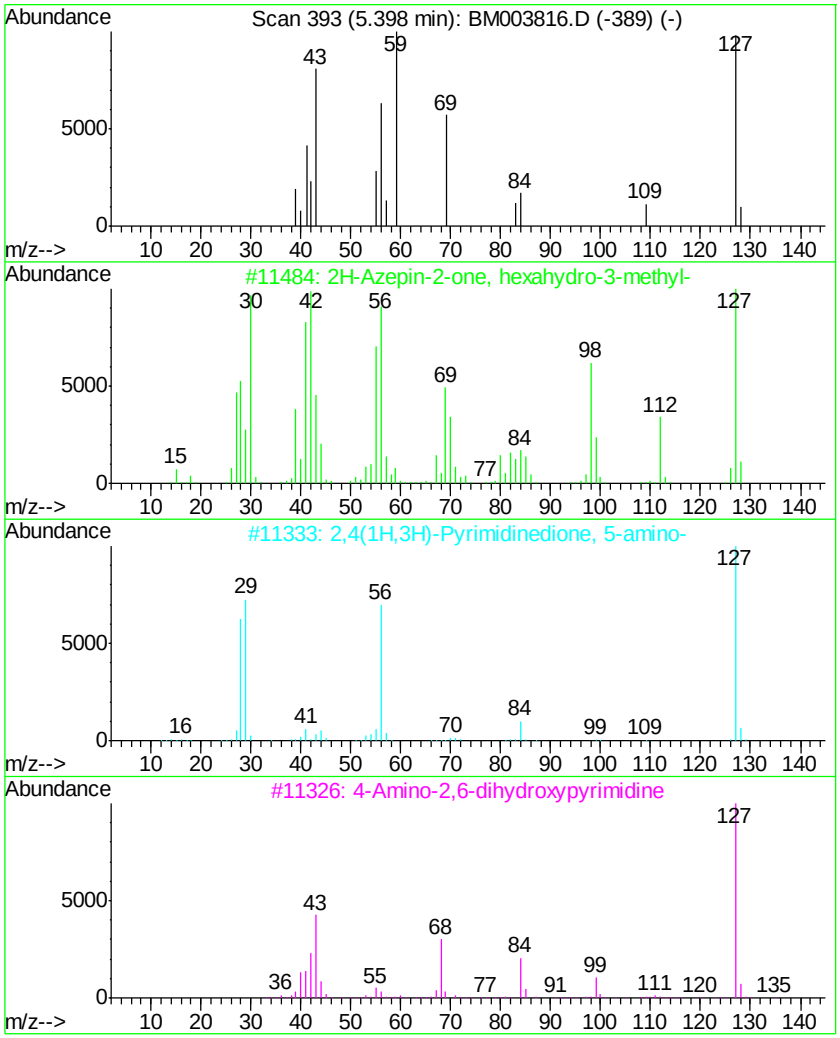
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

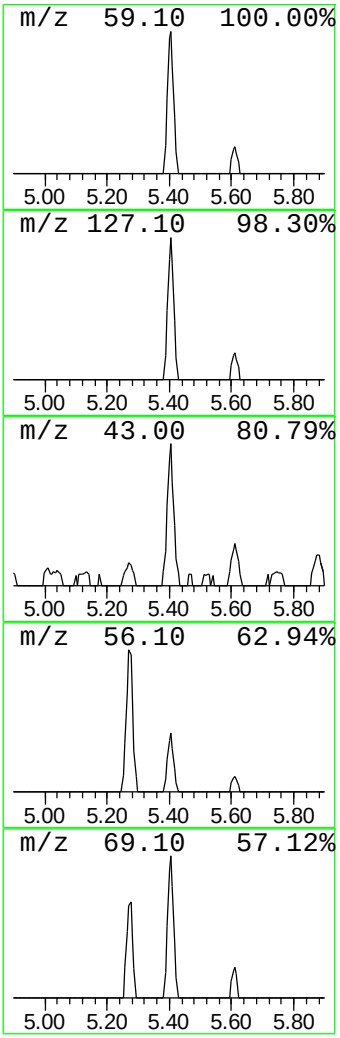
****

Peak Number 2 unknown5.40 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	2.50 ng	38249	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Azepin-2-one, hexahydro-3-met...	127	C7H13NO	002073-32-7	32
2	2,4(1H,3H)-Pyrimidinedione, 5-am...	127	C4H5N3O2	000932-52-5	32
3	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	25
4	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	25
5	2-Propenal, 3-(diethylamino)-, (E)-	127	C7H13NO	034899-98-4	23





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003816.D
Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

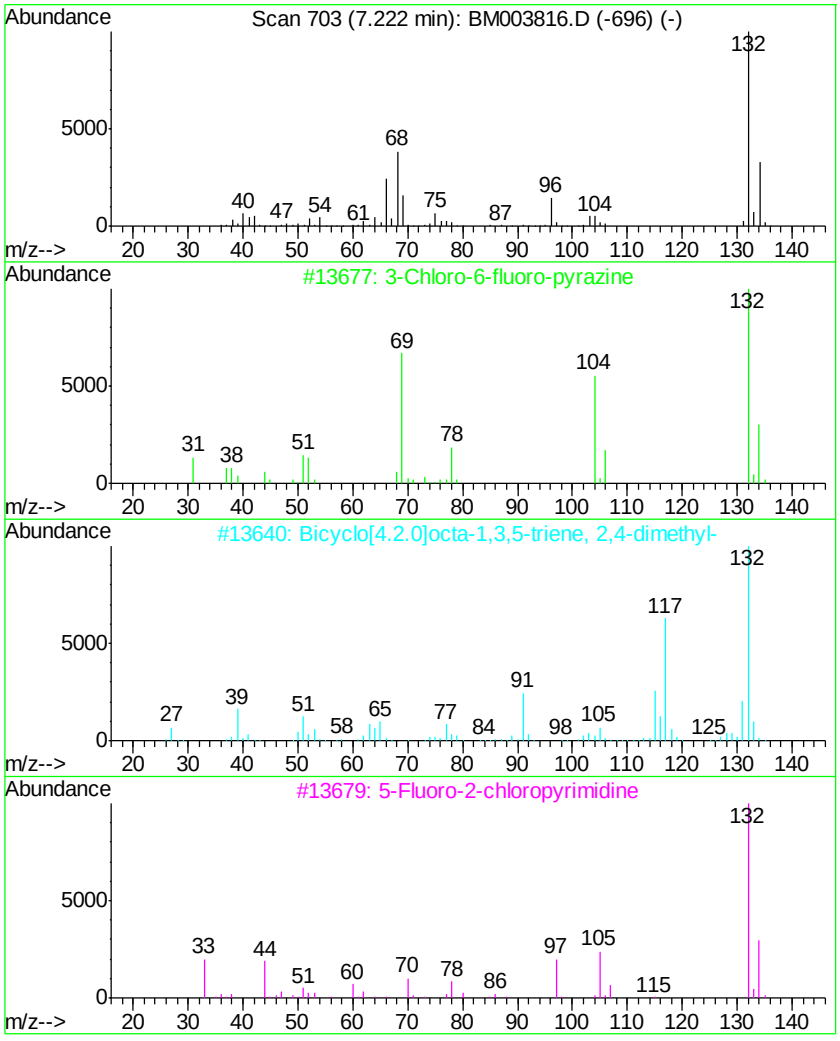
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

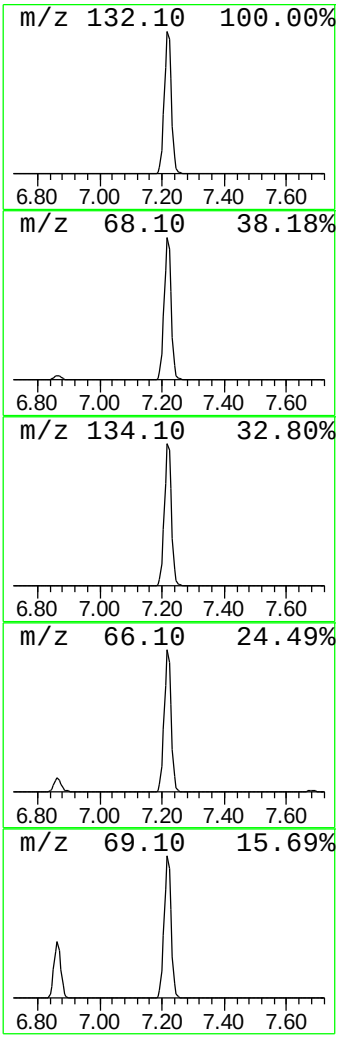
****

Peak Number 3 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	88.07 ng	1349480	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003816.D
Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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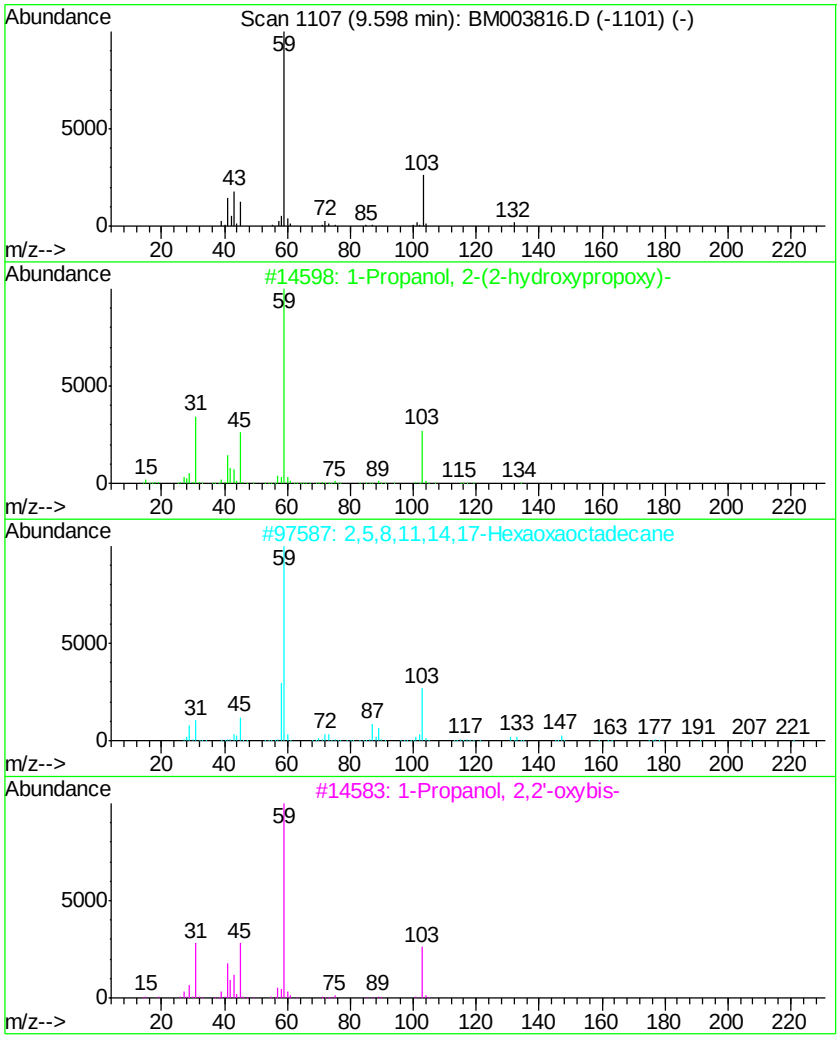
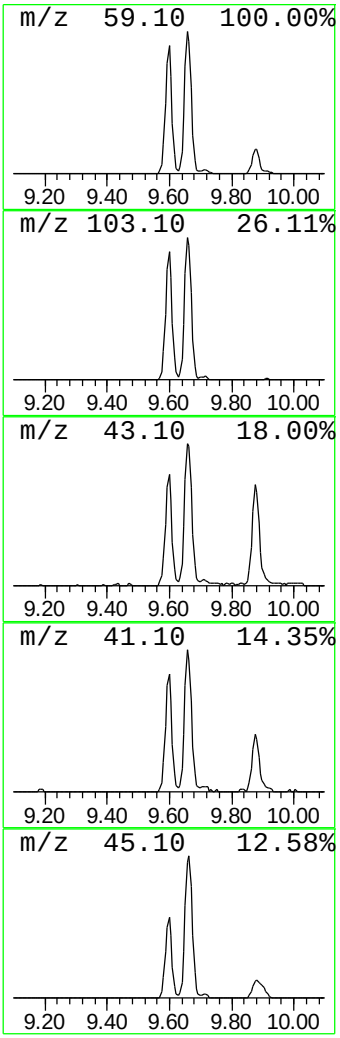
Peak Number 5 1-Propanol, 2-(2-hydroxypro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	13.05 ng	304569	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
2	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	74
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	72
4	Dipropylene glycol	134	C6H14O3	025265-71-8	64
5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003816.D
Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

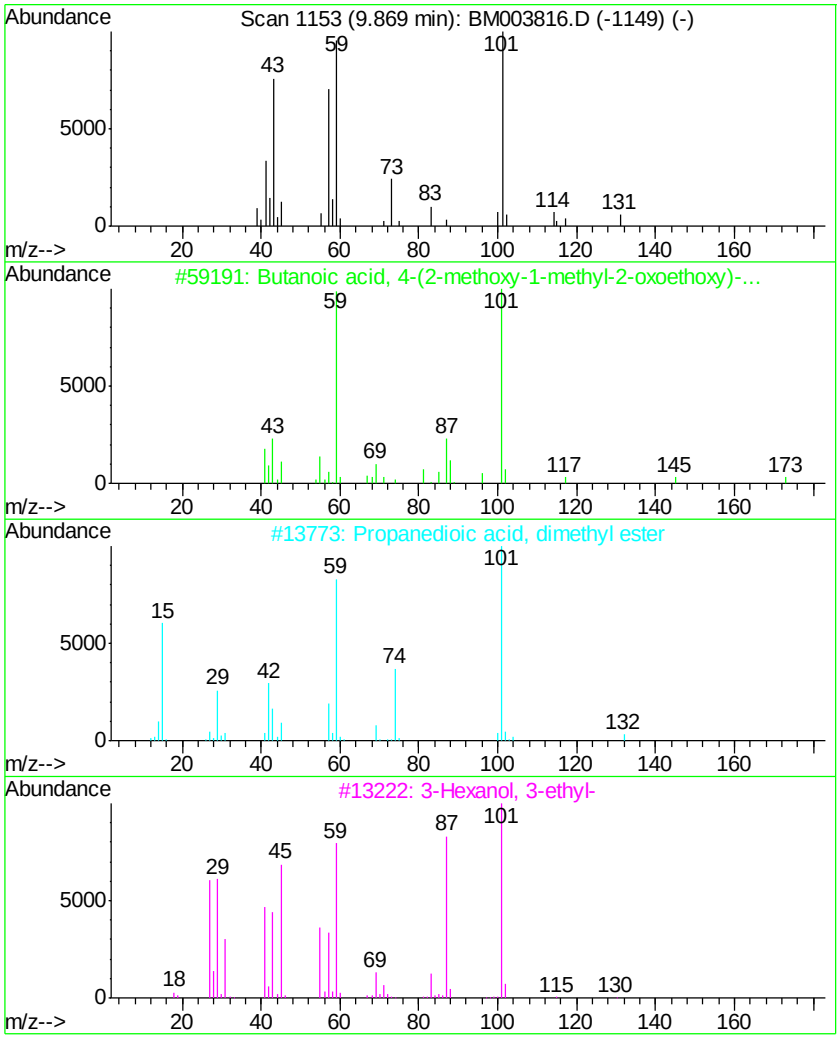
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

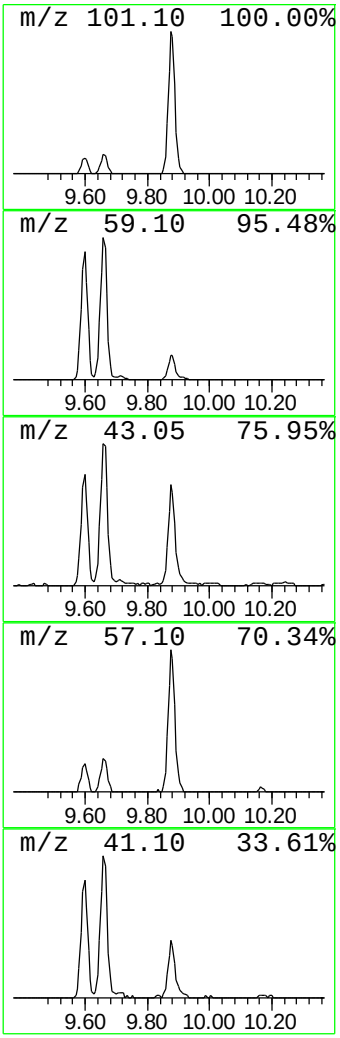
****

Peak Number 7 unknown9.87 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	7.59 ng	177205	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 4-(2-methoxy-1-me...	204	C9H16O5	054966-46-0	45
2	Propanedioic acid, dimethyl ester	132	C5H8O4	000108-59-8	45
3	3-Hexanol, 3-ethyl-	130	C8H18O	000597-76-2	38
4	3H-1,2,4-Triazole-3-thione, 1,2-...	101	C2H3N3S	003179-31-5	38
5	Hydrazine, 1,1-dimethyl-2-propyl-	102	C5H14N2	052728-54-8	35





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003816.D
Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

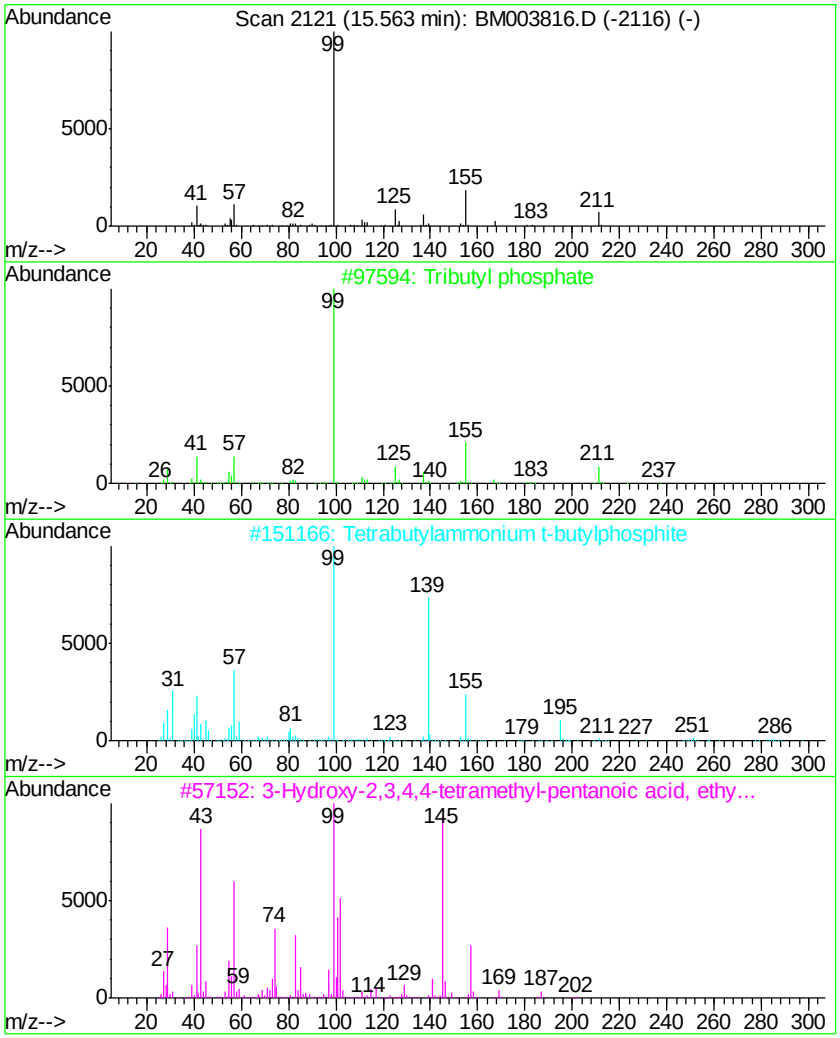
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

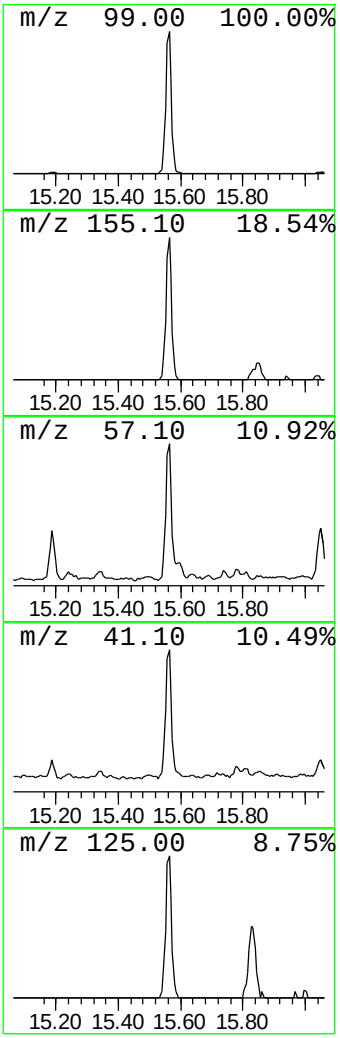
****

Peak Number 8 Tributyl phosphate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	6.95 ng	223054	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2	Tetrabutylammonium t-butylphosphite	379	C20H46NO3P	1000164-81-7	39
3	3-Hydroxy-2,3,4,4-tetramethyl-pe...	202	C11H22O3	1000194-64-5	28
4	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	17
5	2H-Pyran-2-one, tetrahydro-6-octyl-	212	C13H24O2	007370-92-5	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003816.D
Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

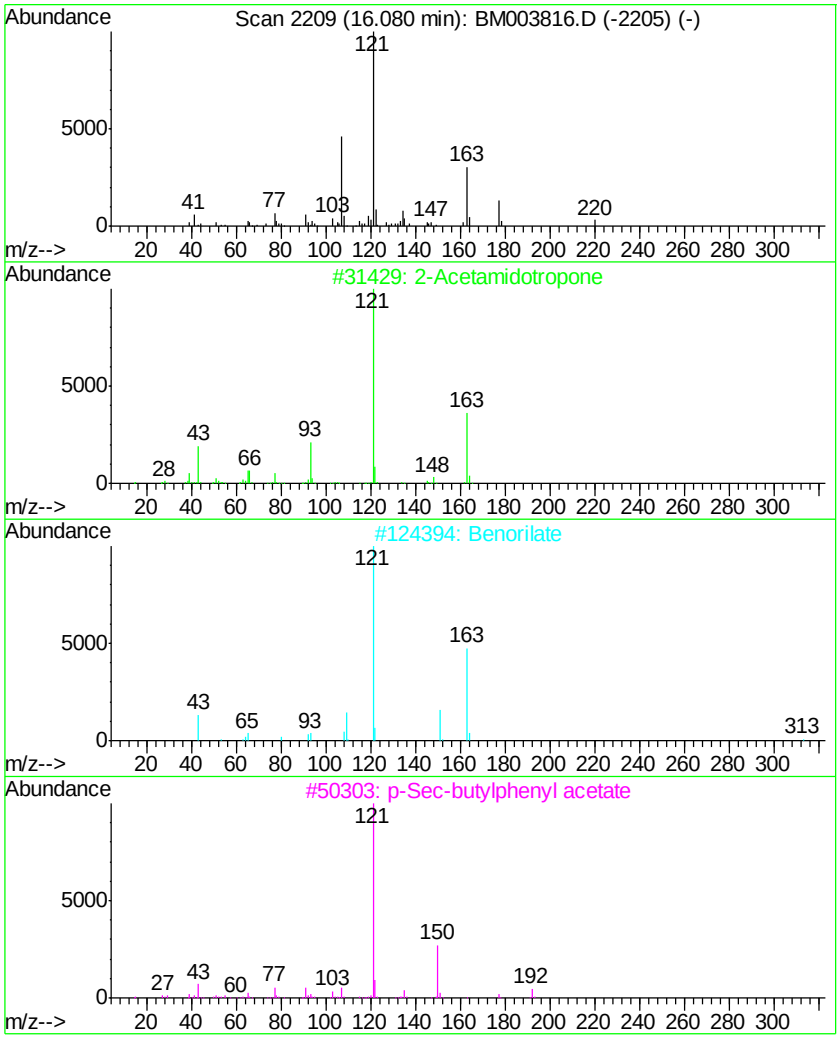
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

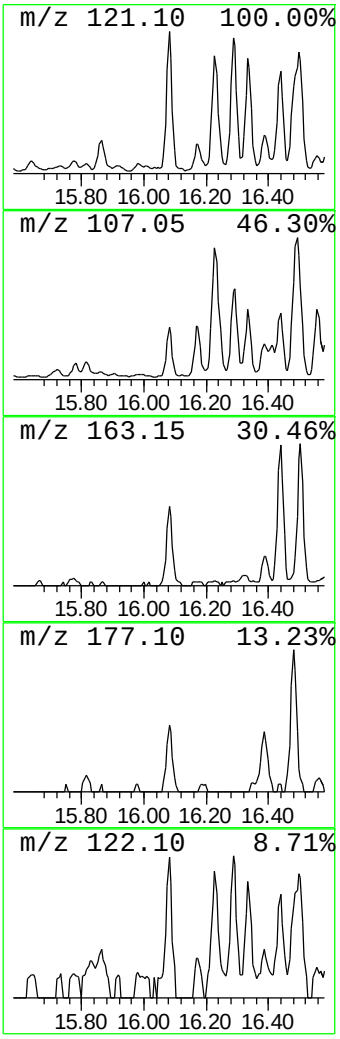
****

Peak Number 9 unknown16.08 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	2.90 ng	103679	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	49
2	Benorilate	313	C17H15NO5	005003-48-5	47
3	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43
4	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	43
5	Acetic acid, [4-(2-methyl-3-nitr...	314	C16H14N2O5	349085-63-8	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003816.D
Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

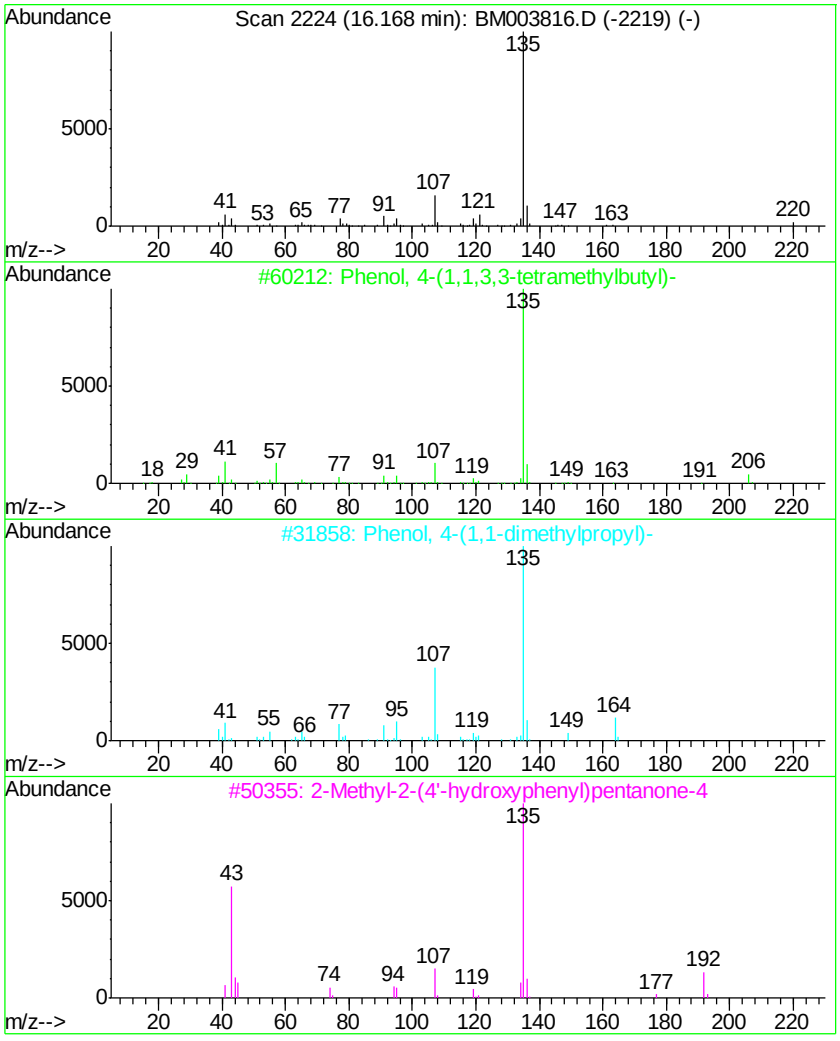
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

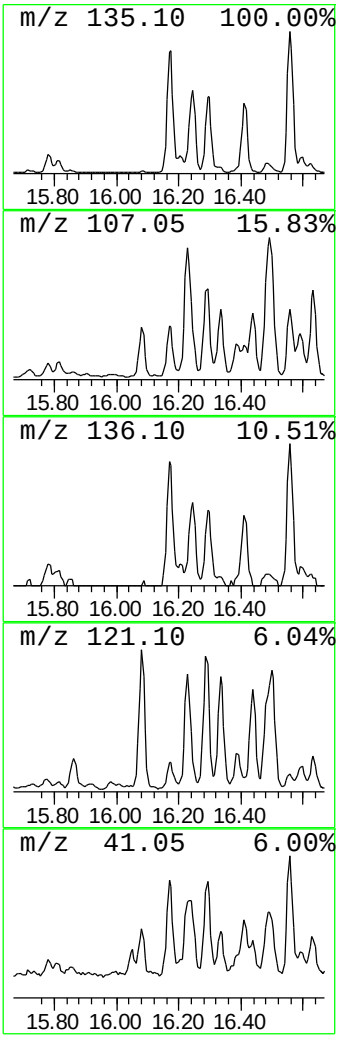
****

Peak Number 10 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	5.55 ng	198433	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
3	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	72
4	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	72
5	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	64





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Data File : BM003816.D
Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

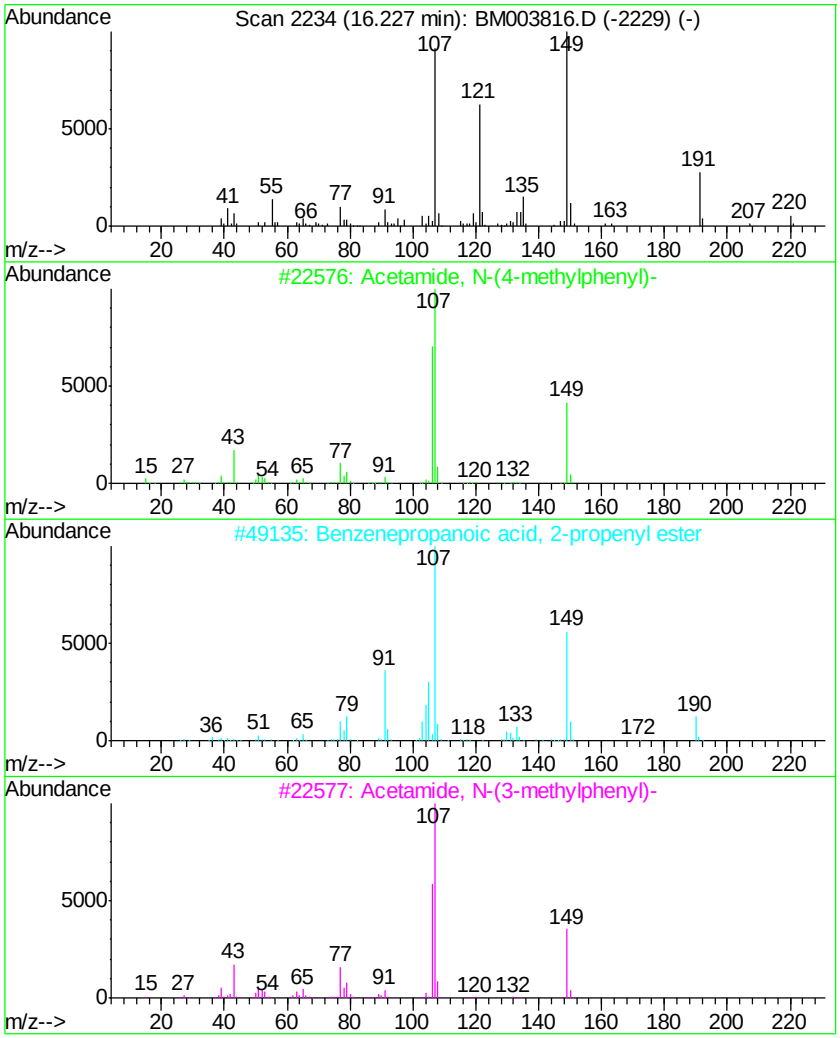
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

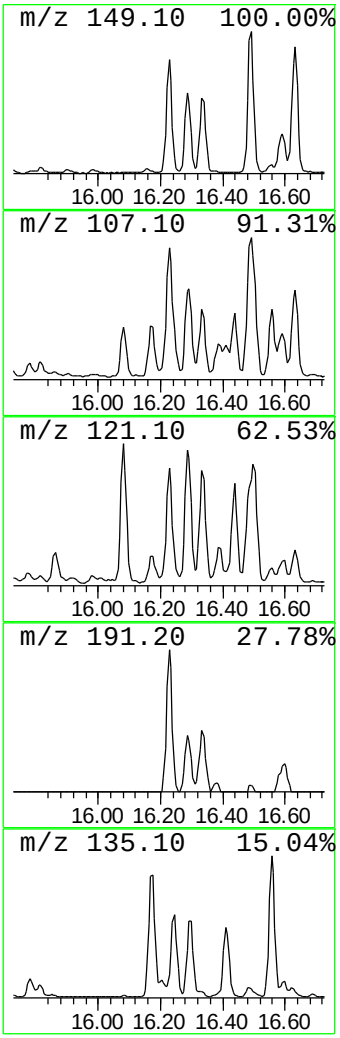
****

Peak Number 11 Acetamide, N-(4-methylphenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	8.69 ng	311021	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	53
2	Benzenepropanoic acid, 2-propenyl...	190	C12H14O2	015814-45-6	47
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
4	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	38
5	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38





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Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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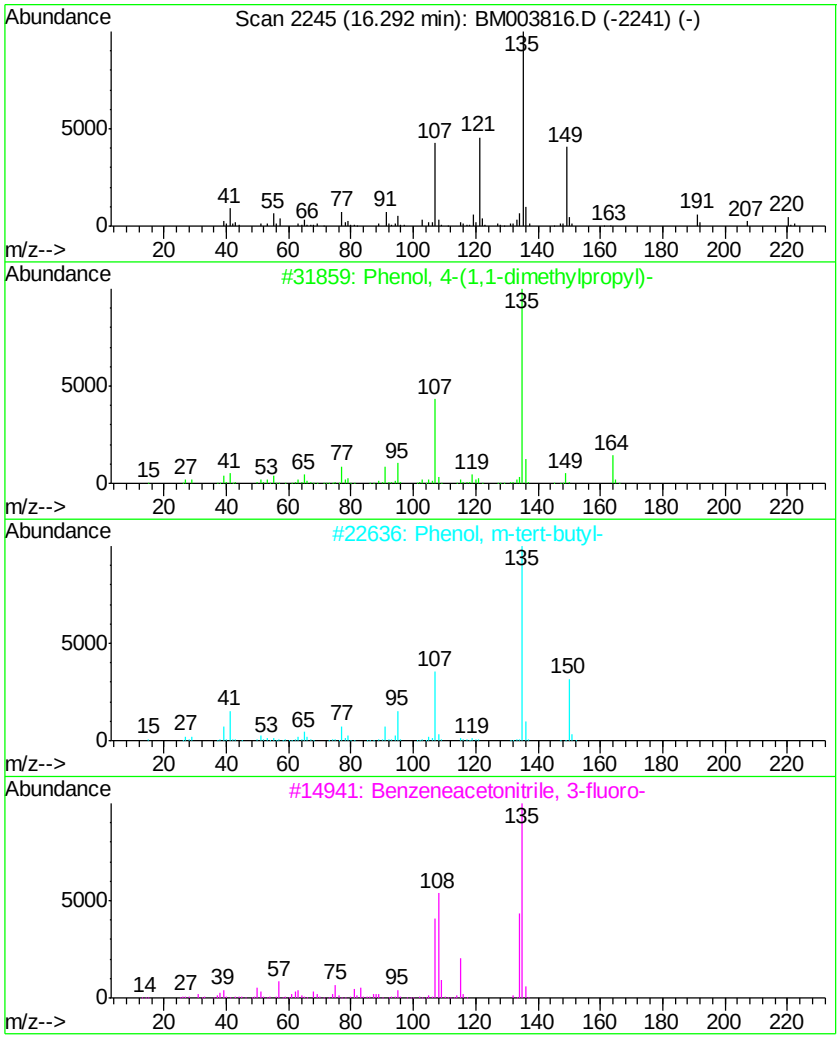
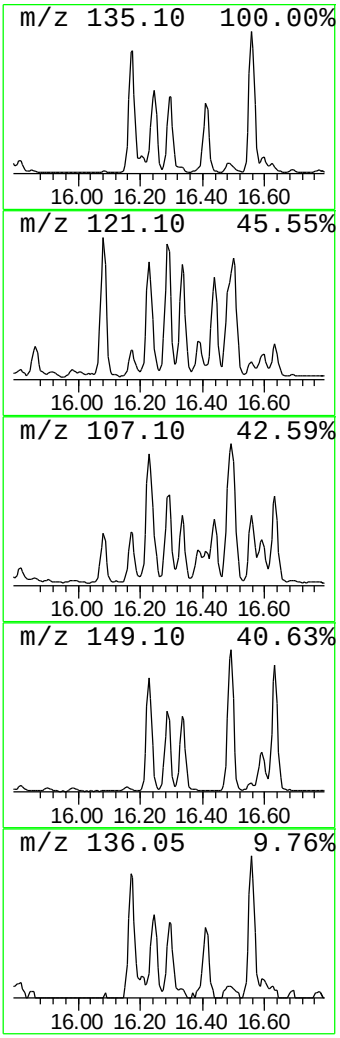
Peak Number 12 Phenol, 4-(1,1-dimethylprop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	6.69 ng	239465	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
3	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	50
4	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	50
5	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	47





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Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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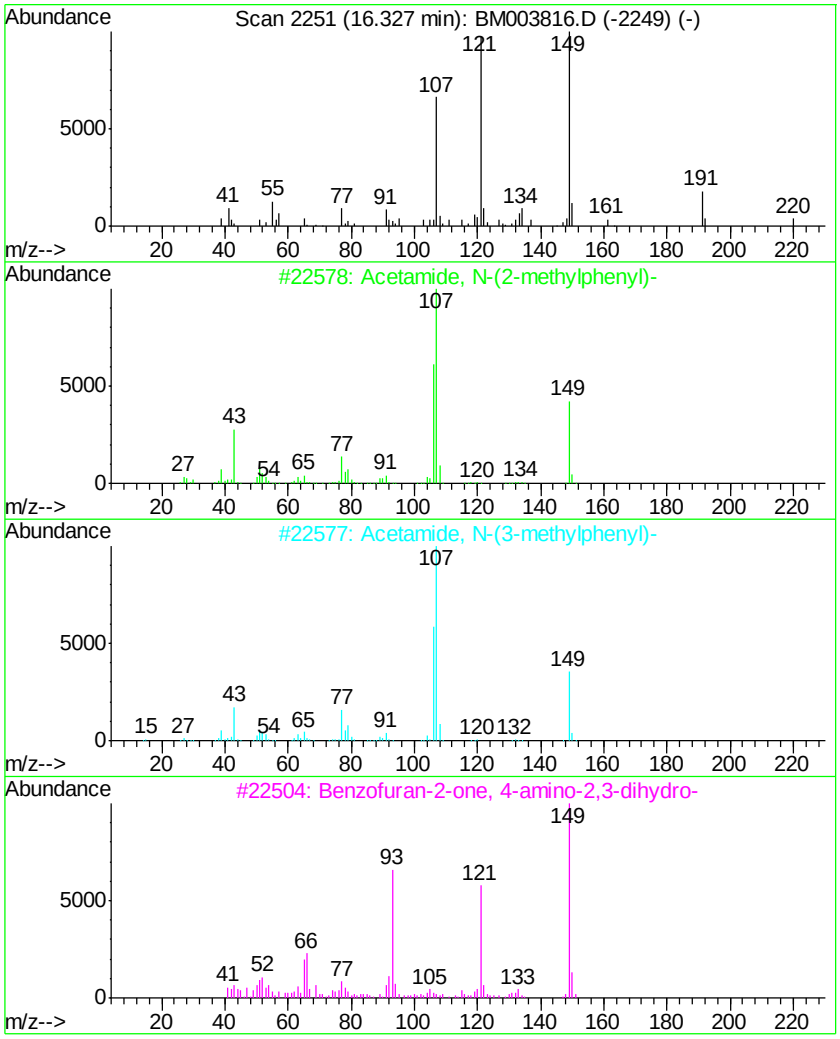
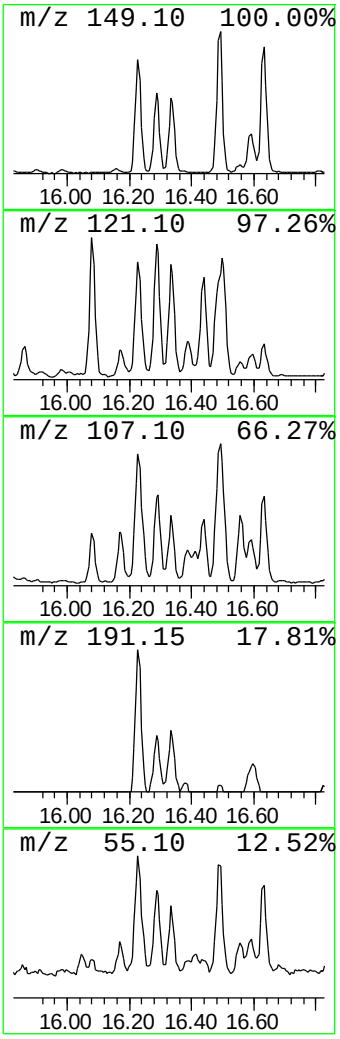
Peak Number 13 unknown16.33 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	3.85 ng	137794	Phenanthrene-d10	17.09

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	Benzofuran-2-one, 4-amino-2,3-di...	149	C8H7NO2	075990-99-7	35
4	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	35
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	30





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Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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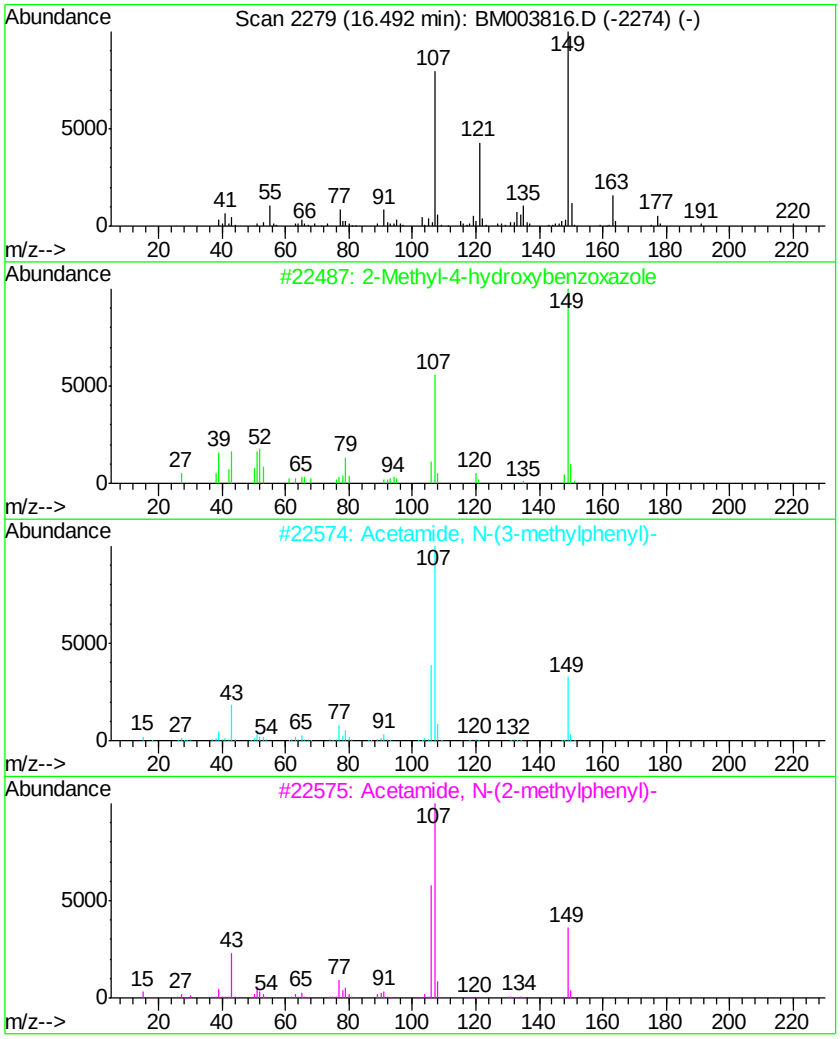
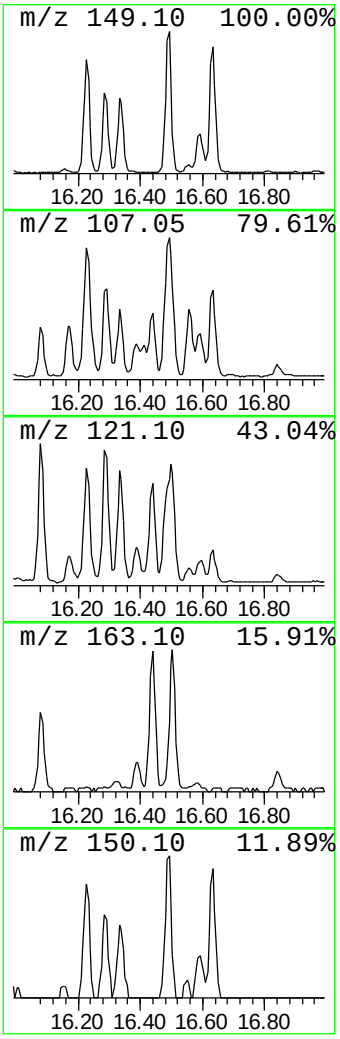
Peak Number 15 2-Methyl-4-hydroxybenzoxazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	8.08 ng	289172	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	59
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	59
4	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	59
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43





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Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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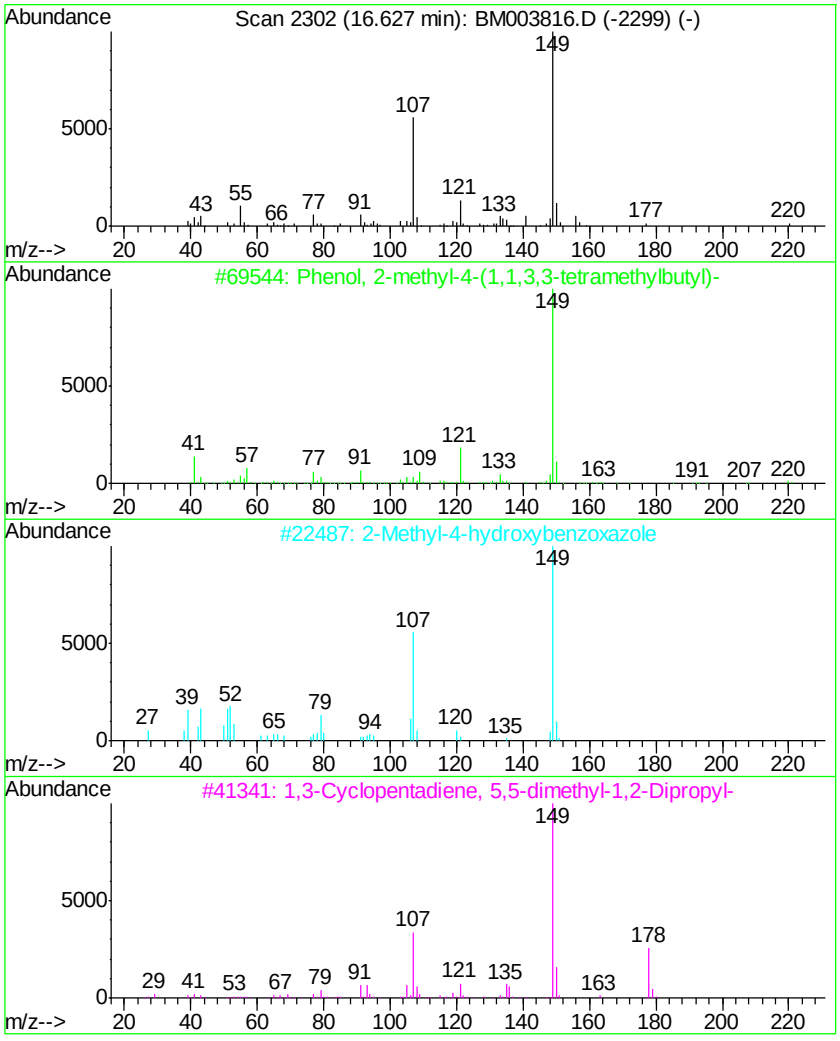
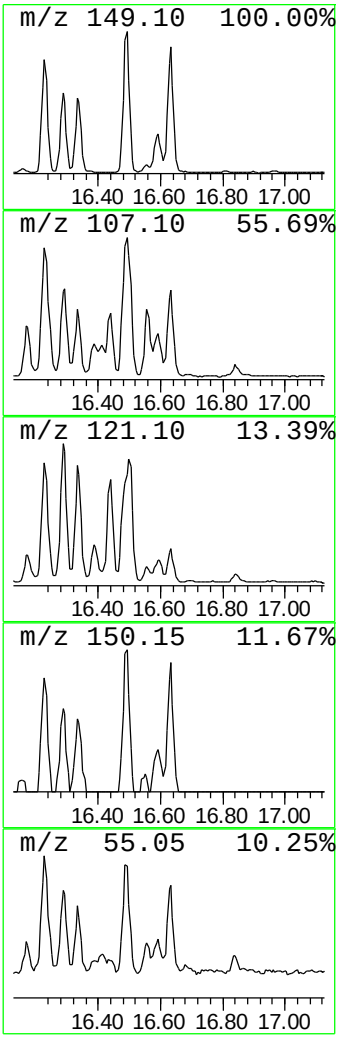
Peak Number 17 Phenol, 2-methyl-4-(1,1,3,3... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	3.80 ng	135920	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	64
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
3	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	56
4	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	50
5	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	50





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Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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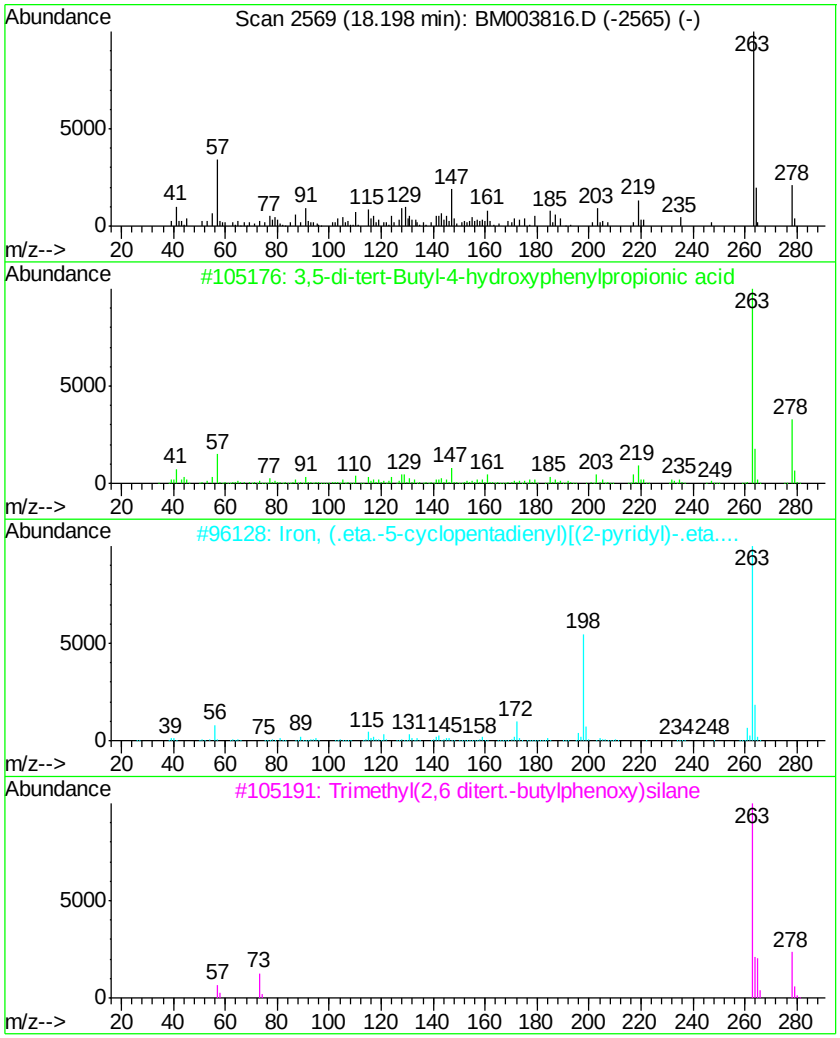
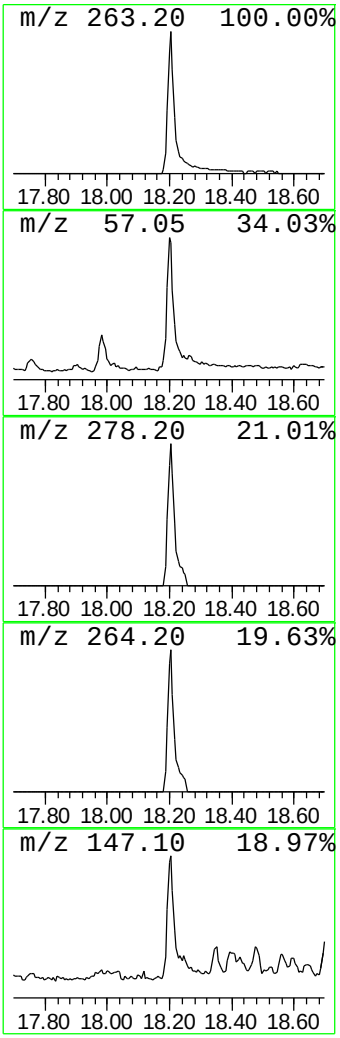
Peak Number 18 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	4.61 ng	165084	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxyphenyl...	278	C17H26O3	020170-32-5	95
2	Iron, (.eta.-5-cyclopentadienyl)...	263	C15H13FeN	1000164-28-2	60
3	Trimethyl(2,6 ditert.-butylpheno...	278	C17H30OSi	010416-73-6	53
4	Ethanone, [1-(2,5-diphenyl-2H-1,...	263	C16H13N3O	322647-34-7	49
5	10H-Phenothiazine, 2-chloro-7-me...	263	C13H10ClNOS	001730-44-5	47





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Data File : BM003816.D
Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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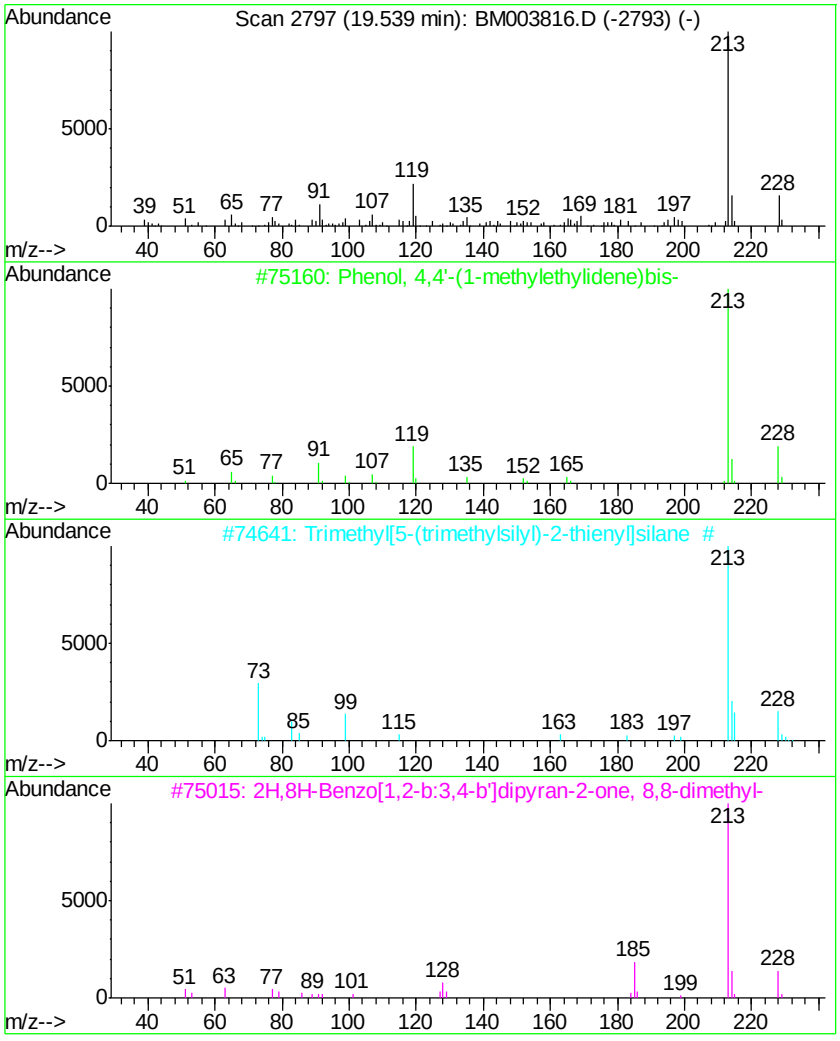
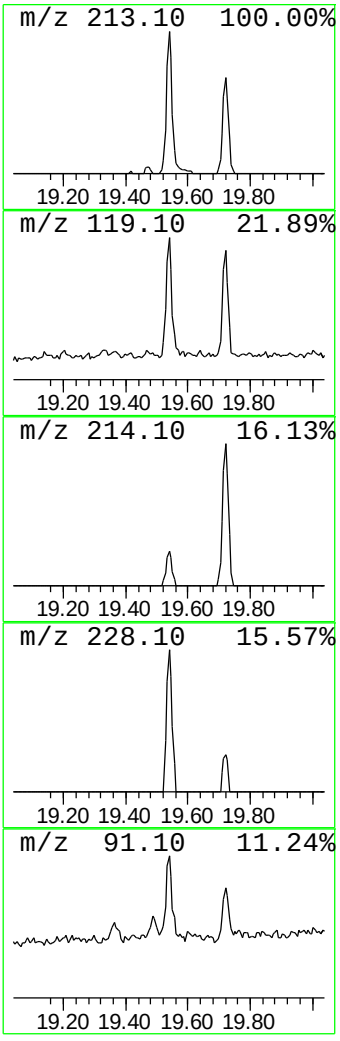
Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.13 ng	72222	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
2	Trimethyl[5-(trimethylsilyl)-2-t...	228	C10H20SSi2	017906-71-7	58
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	52
4	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	49
5	Naphthalene-2,6-dicarboxylic aci...	376	C24H24O4	1000189-60-8	47





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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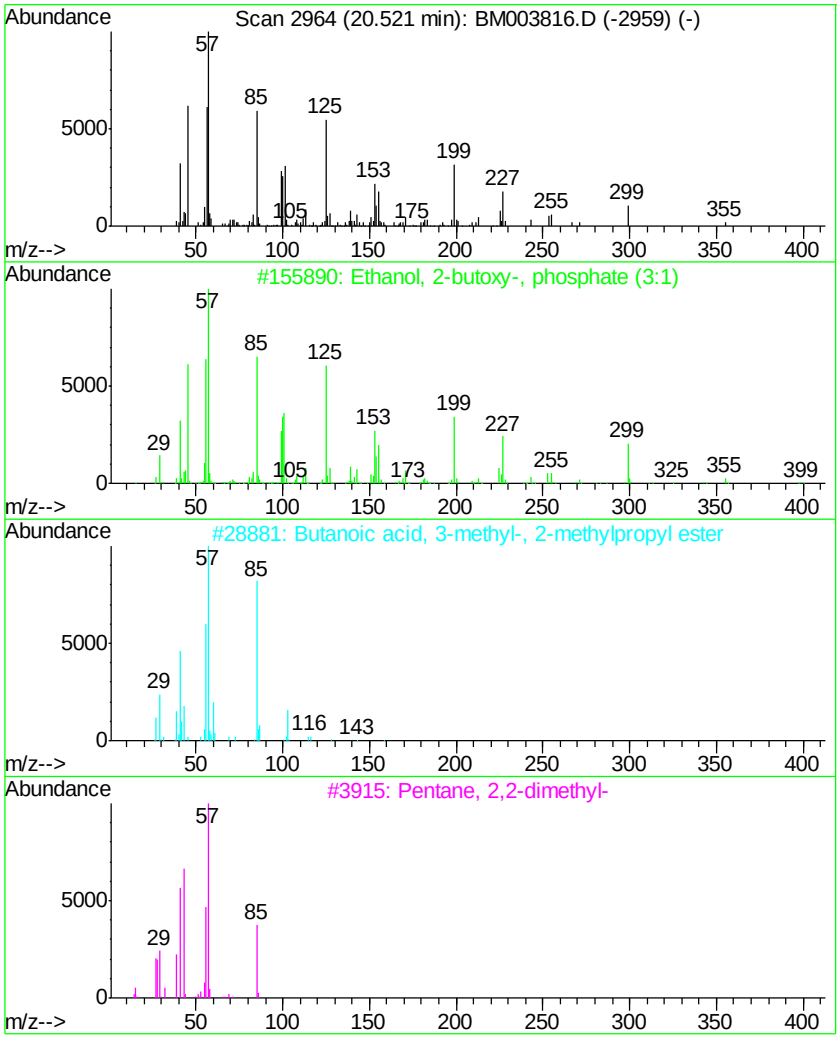
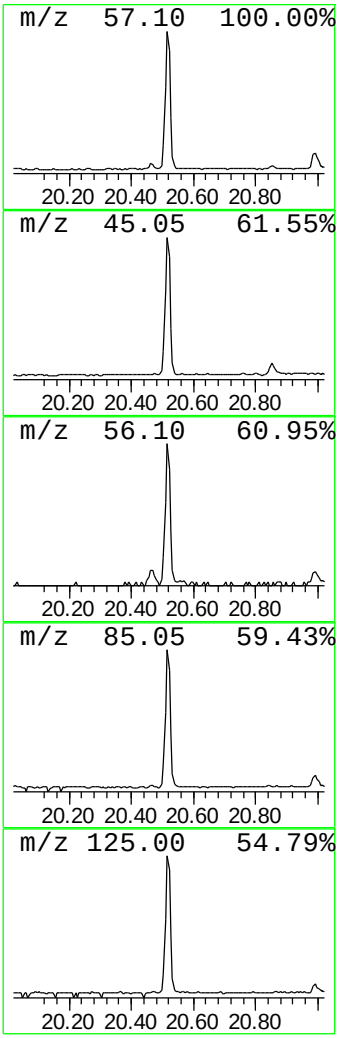
Peak Number 20 Ethanol, 2-butoxy-, phospha... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	4.85 ng	163985	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	94
2	Butanoic acid, 3-methyl-, 2-meth...	158	C9H18O2	000589-59-3	14
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	14
4	2-Propanone, ethylhydrazone	100	C5H12N2	007422-99-3	12
5	Hexadecane	226	C16H34	000544-76-3	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122515\
Data File : BM003816.D
Acq On : 25 Dec 2015 14:45
Operator : UM/SJ
Sample : G4956-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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
2-Pentanone, 4-hy...	4.80	7.8	ng	119546	1	7.68	306468	20.0
unknown5.40	5.40	2.5	ng	38249	1	7.68	306468	20.0
unknown7.22	7.22	88.1	ng	1349480	1	7.68	306468	20.0
1-Propanol, 2-(2-...	9.60	13.1	ng	304569	2	10.47	466875	20.0
unknown9.87	9.87	7.6	ng	177205	2	10.47	466875	20.0
Tributyl phosphate	15.56	7.0	ng	223054	3	14.33	642174	20.0
unknown16.08	16.08	2.9	ng	103679	4	17.09	715684	20.0
Phenol, 4-(1,1,3,...	16.17	5.5	ng	198433	4	17.09	715684	20.0
Acetamide, N-(4-m...	16.23	8.7	ng	311021	4	17.09	715684	20.0
Phenol, 4-(1,1-di...	16.29	6.7	ng	239465	4	17.09	715684	20.0
unknown16.33	16.33	3.9	ng	137794	4	17.09	715684	20.0
2-Methyl-4-hydrox...	16.49	8.1	ng	289172	4	17.09	715684	20.0
Phenol, 2-methyl-...	16.63	3.8	ng	135920	4	17.09	715684	20.0
3,5-di-tert-Butyl...	18.20	4.6	ng	165084	4	17.09	715684	20.0
Phenol, 4,4'-(1-m...	19.54	2.1	ng	72222	5	21.29	676606	20.0
Ethanol, 2-butoxy...	20.52	4.8	ng	163985	5	21.29	676606	20.0