LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
Data File : BG053366.D
Acq On : 28 Apr 2022 14:50
Operator : CG/JU
Sample : N2557-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

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:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053366.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.494	12	18	26	rBV	225007	443641	17.23%	3.874%
2	4.275	144	151	164	rVB	384022	651387	25.30%	5.688%
3	4.809	237	242	253	rVB2	43103	77871	3.02%	0.680%
4	5.191	302	307	315	rBV	56947	91150	3.54%	0.796%
5	5.667	382	388	397	rBV	250959	432457	16.80%	3.776%
6	6.166	468	473	481	rVB	45058	72385	2.81%	0.632%
7	7.265	652	660	670	rBV	164286	296958	11.53%	2.593%
8	8.105	793	803	808	rBV	94559	171009	6.64%	1.493%
9	8.152	808	811	819	rVB	20271	33748	1.31%	0.295%
10	8.457	858	863	871	rVB2	20740	37458	1.46%	0.327%
11	8.546	873	878	885	rVB2	15658	27962	1.09%	0.244%
12	8.869	927	933	942	rBV3	15926	33087	1.29%	0.289%
13	9.262	993	1000	1011	rBV	376283	703576	27.33%	6.143%
14	9.809	1088	1093	1099	rBV2	22380	39305	1.53%	0.343%
15	10.913	1273	1281	1288	rBV	125049	225401	8.76%	1.968%
16	13.351	1687	1696	1706	rBV	984076	1550660	60.23%	13.540%
17	13.615	1735	1741	1748	rVB	73184	117542	4.57%	1.026%
18	14.725	1923	1930	1937	rVB	203627	317583	12.34%	2.773%
19	15.454	2046	2054	2060	rBV	257512	364805	14.17%	3.185%
20	15.971	2135	2142	2146	rBV3	22185	33666	1.31%	0.294%
21	16.212	2176	2183	2197	rBV	793587	1284799	49.91%	11.218%
22	16.693	2260	2265	2269	rBV	30169	44009	1.71%	0.384%
23	17.340	2370	2375	2379	rBV	64689	92523	3.59%	0.808%
24	17.469	2390	2397	2407	rVB	262266	417843	16.23%	3.648%
25	17.639	2420	2426	2431	rVB2	33842	51167	1.99%	0.447%
26	18.056	2491	2497	2505	rVB3	46360	99698	3.87%	0.871%
27	18.197	2514	2521	2527	rVB4	26367	42270	1.64%	0.369%
28	18.532	2573	2578	2583	rBV2	23622	32557	1.26%	0.284%
29	18.814	2622	2626	2631	rBV	23336	32760	1.27%	0.286%
30	20.077	2834	2841	2849	rBV	1975422	2574415	100.00%	22.479%
31	21.375	3058	3062	3071	rBV6	24496	46895	1.82%	0.409%
32	21.757	3120	3127	3134	rBV	298139	503825	19.57%	4.399%
33	25.047	3677	3687	3699	rVB3	168949	508257	19.74%	4.438%

Sum of corrected areas: 11452669

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Misc :
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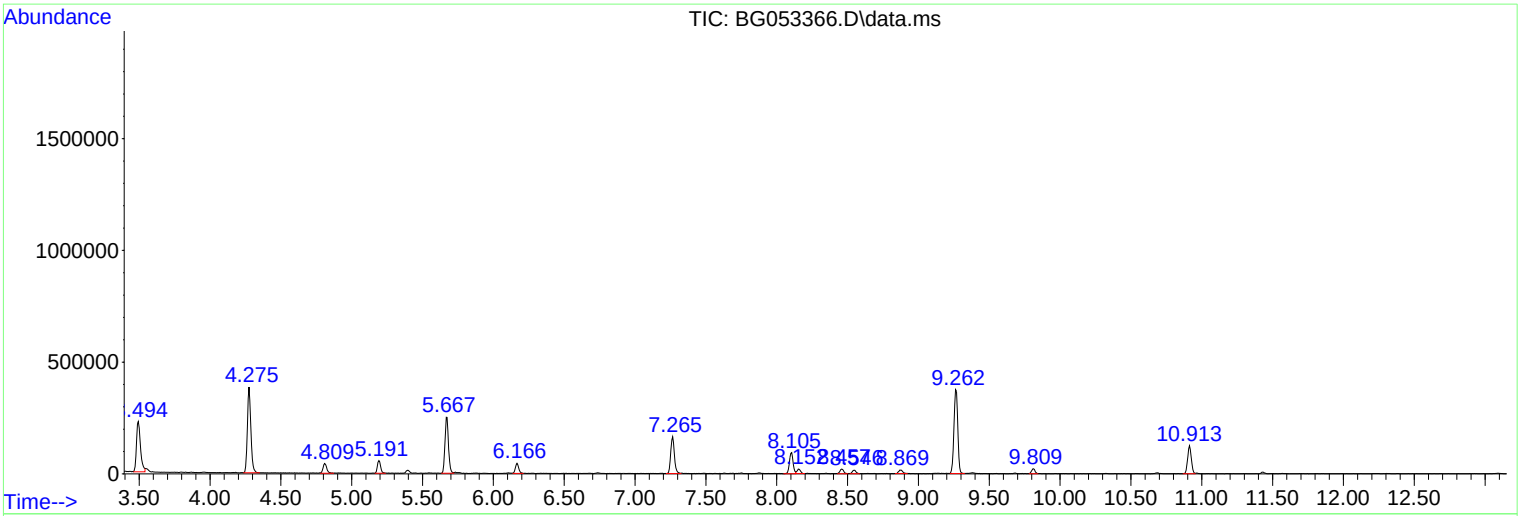
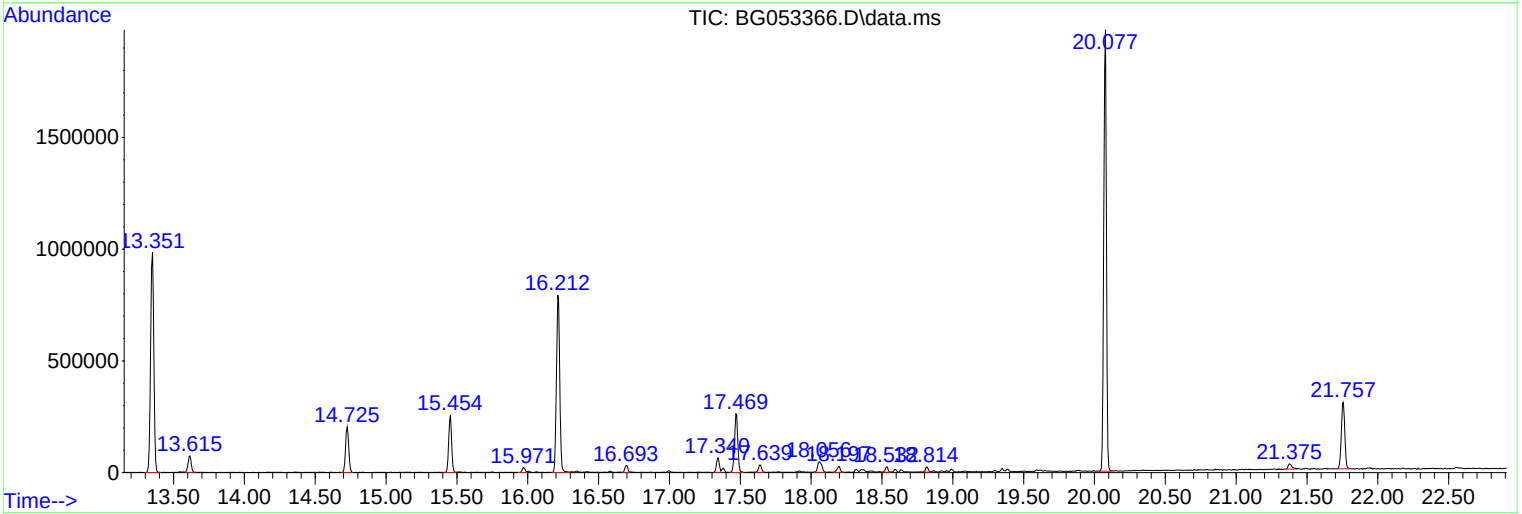
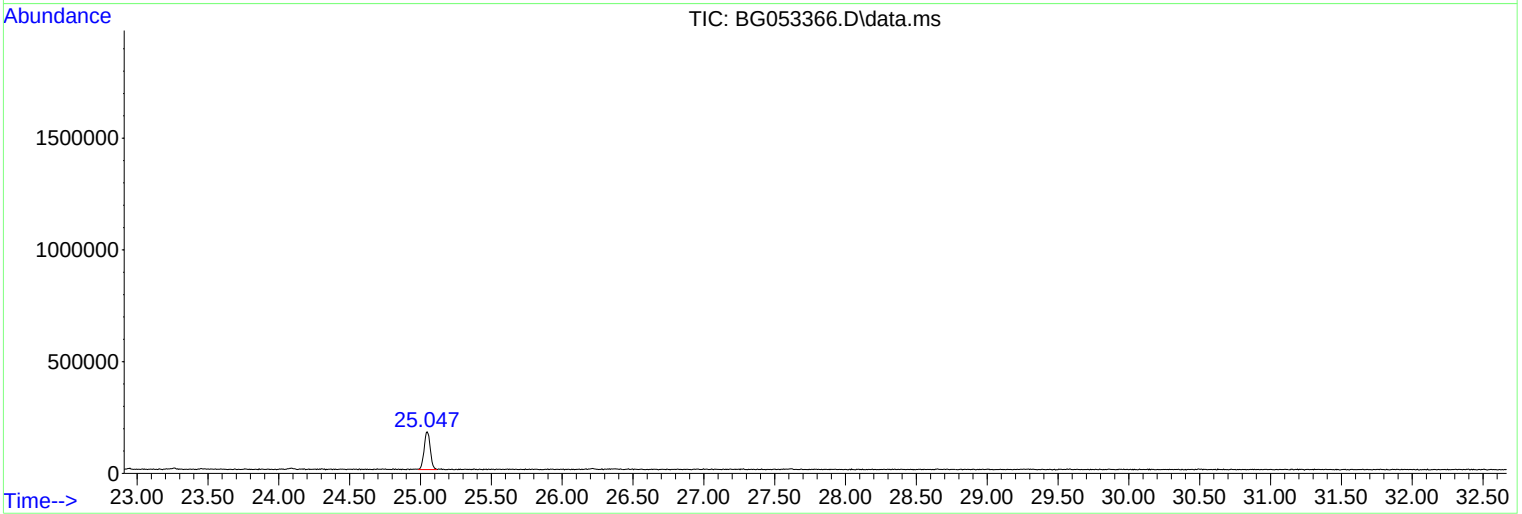
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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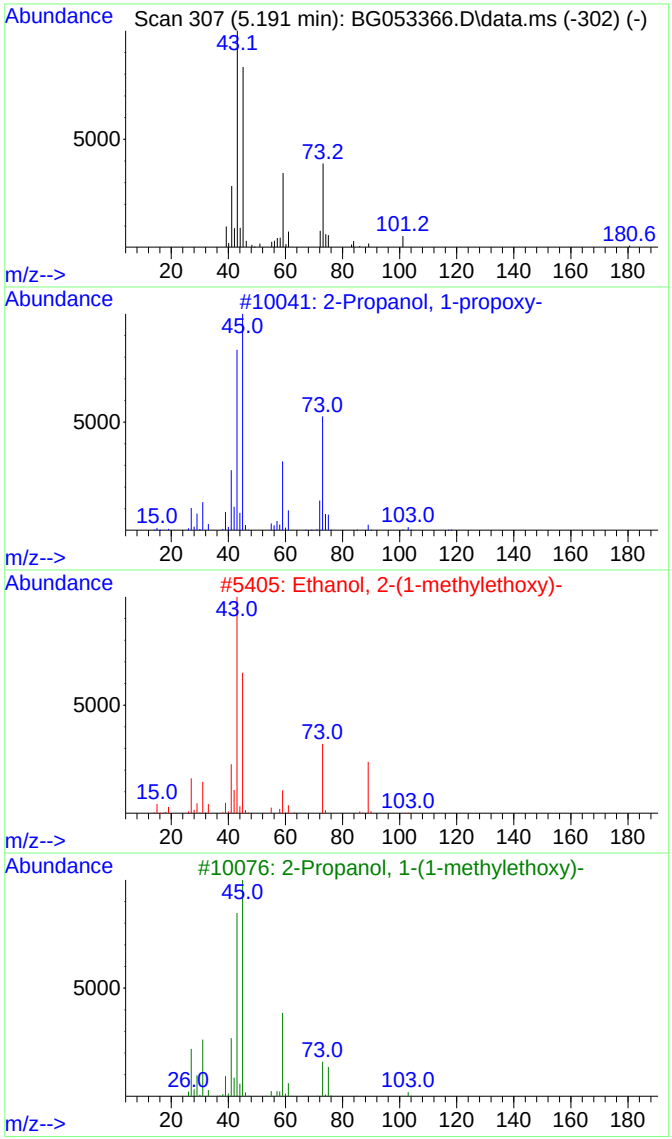
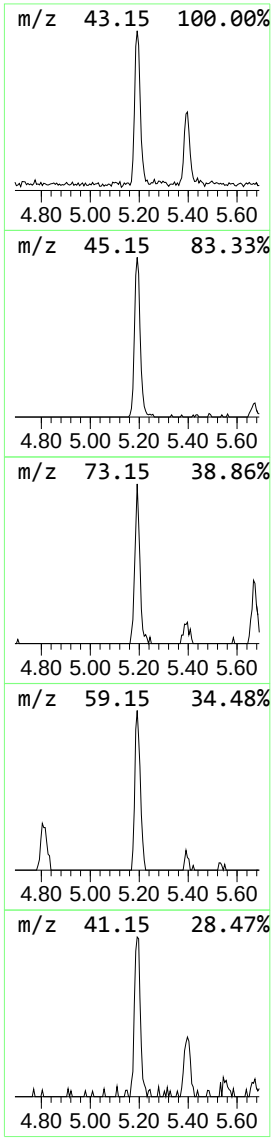
****

Peak Number 4 2-Propanol, 1-propoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.191	10.66 ng	91150	1,4-Dichlorobenzene-d4	8.105

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	64
2	Ethanol, 2-(1-methylethoxy)-	104	C5H12O2	000109-59-1	64
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	64
4	Diethyl carbitol	162	C8H18O3	000112-36-7	45
5	2-Hydroxy-3-hexanone	116	C6H12O2	054073-43-7	39





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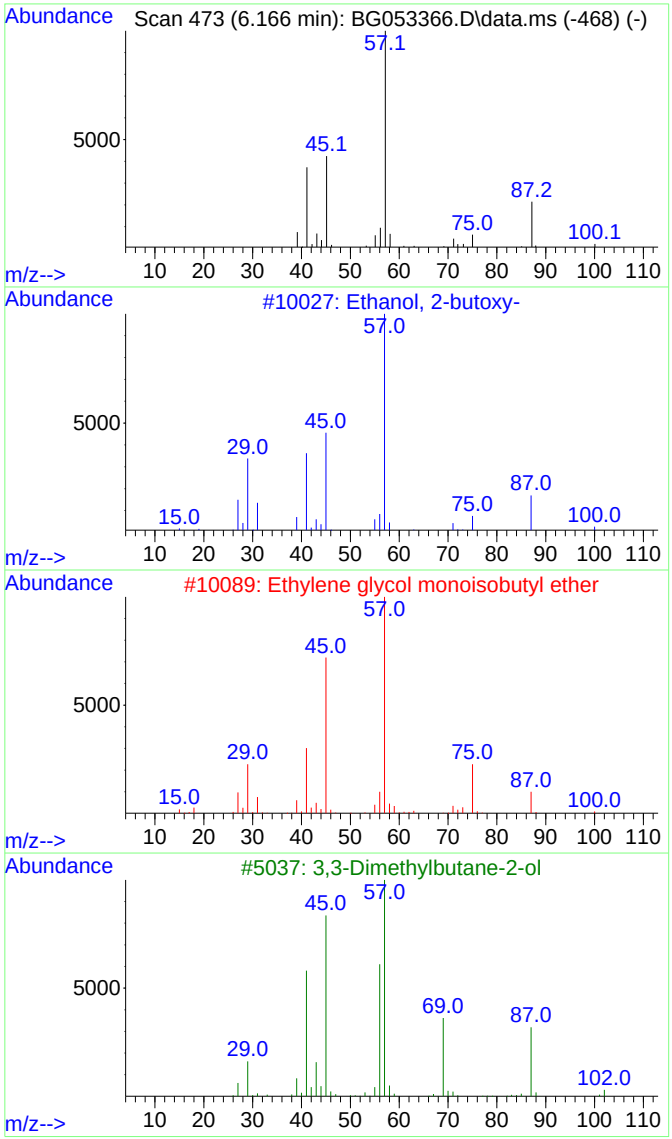
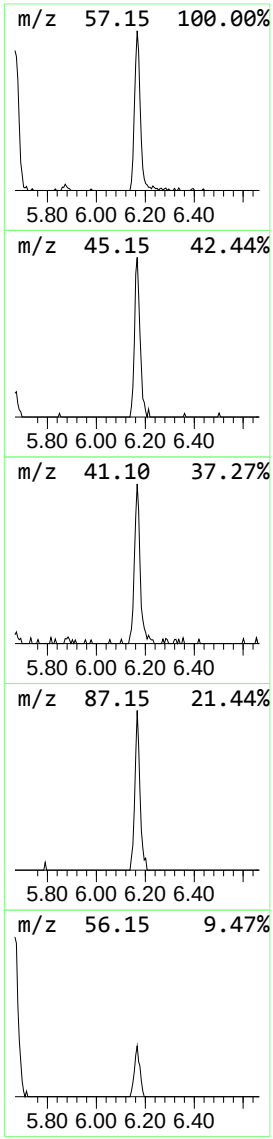
****

Peak Number 5 Ethanol, 2-butoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.166	8.47 ng	72385	1,4-Dichlorobenzene-d4	8.105

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	42
4	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	27
5	n-Butyl ether	130	C8H18O	000142-96-1	25





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
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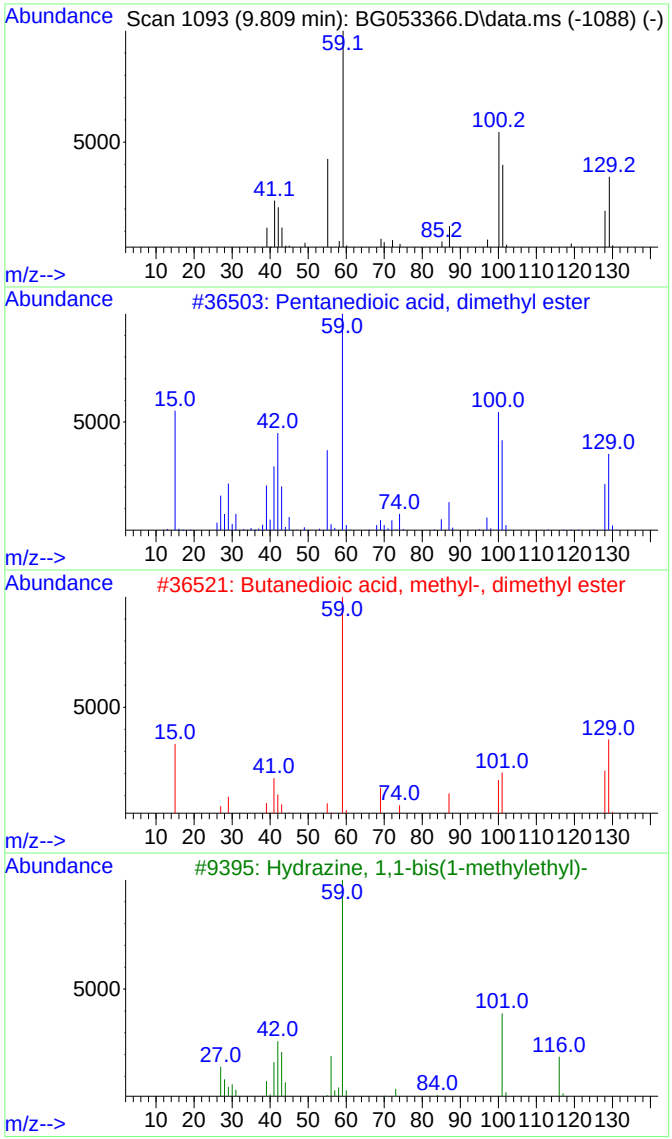
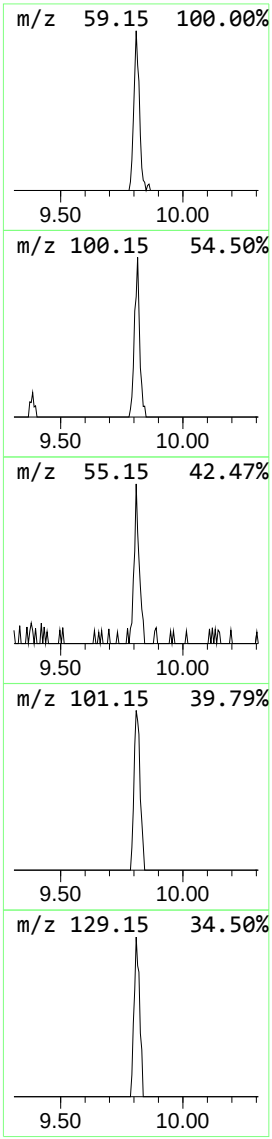
****
Peak Number 6 Pentanedioic acid, dimethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.809	3.49 ng	39305	Naphthalene-d8	10.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	72
2	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	53
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	43
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	38
5	Hydrazine, trimethyl-	74	C3H10N2	001741-01-1	27





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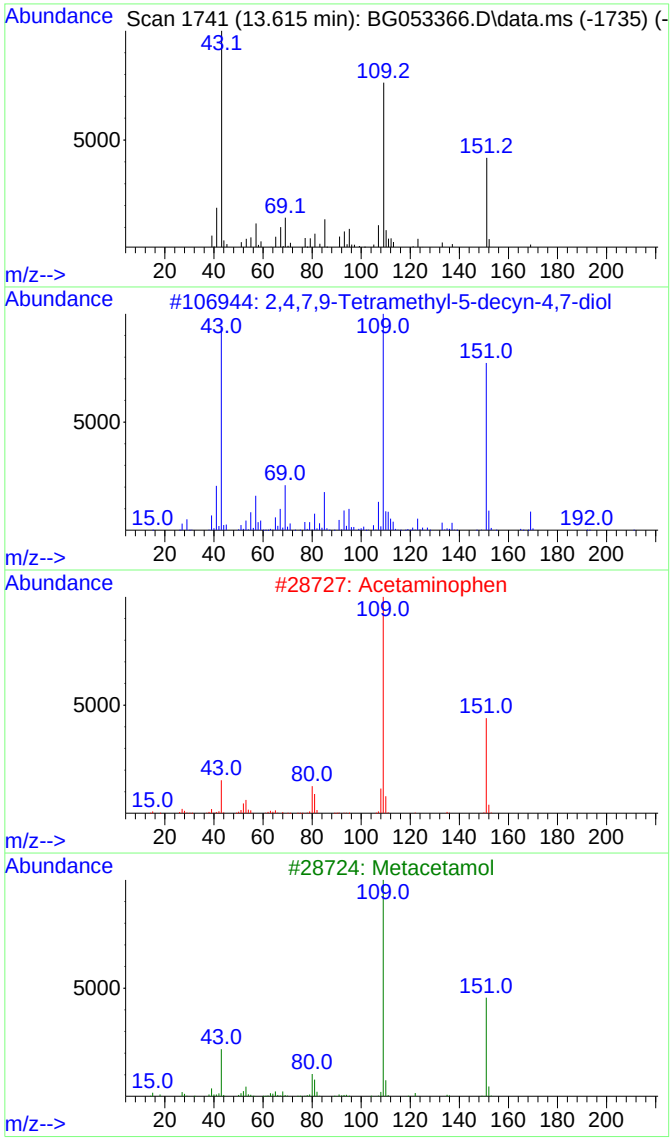
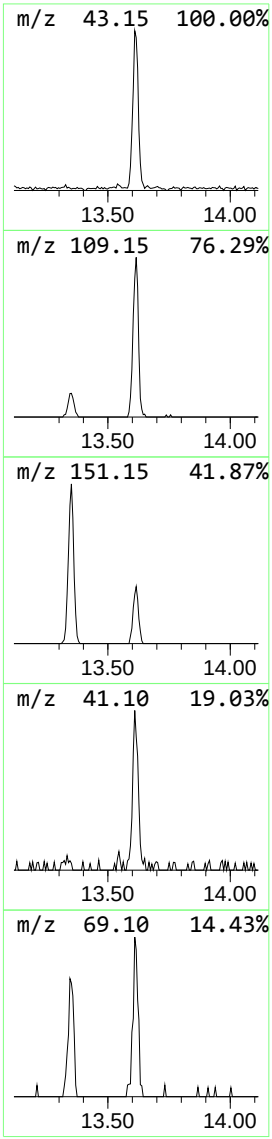
****
Peak Number 7 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.615	7.40 ng	117542	Acenaphthene-d10	14.726

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Acetaminophen	151	C8H9NO2	000103-90-2	64
3	Metacetamol	151	C8H9NO2	000621-42-1	64
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
5	3-Pyridinemethanol, acetate	151	C8H9NO2	010072-09-0	59





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
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TIC Library : C:\Database\NIST20.L
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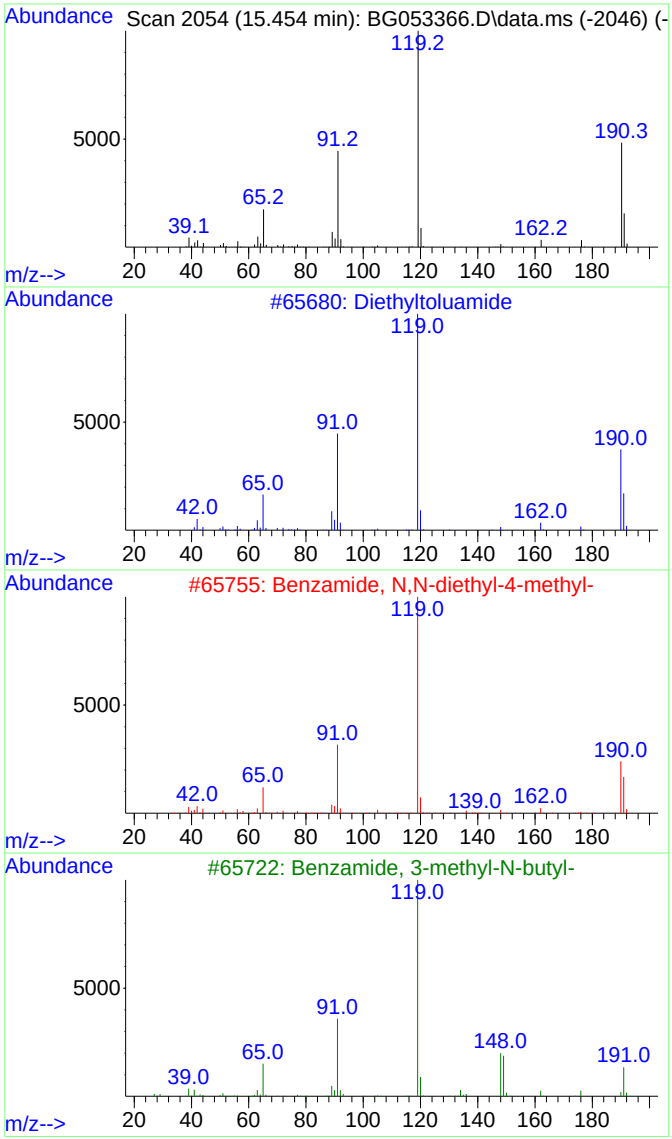
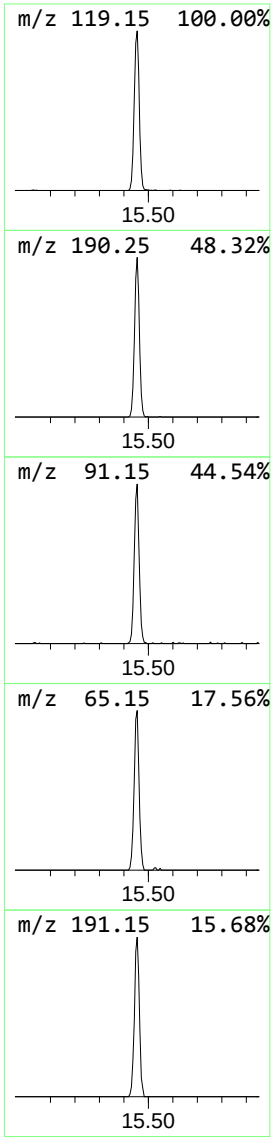
****

Peak Number 8 Diethyltoluamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.454	22.97 ng	364805	Acenaphthene-d10	14.726

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
3	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76
4	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	68
5	1-Propanone, 2-methyl-1-(2-methy...	162	C11H14O	002040-21-3	52





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TIC Library : C:\Database\NIST20.L
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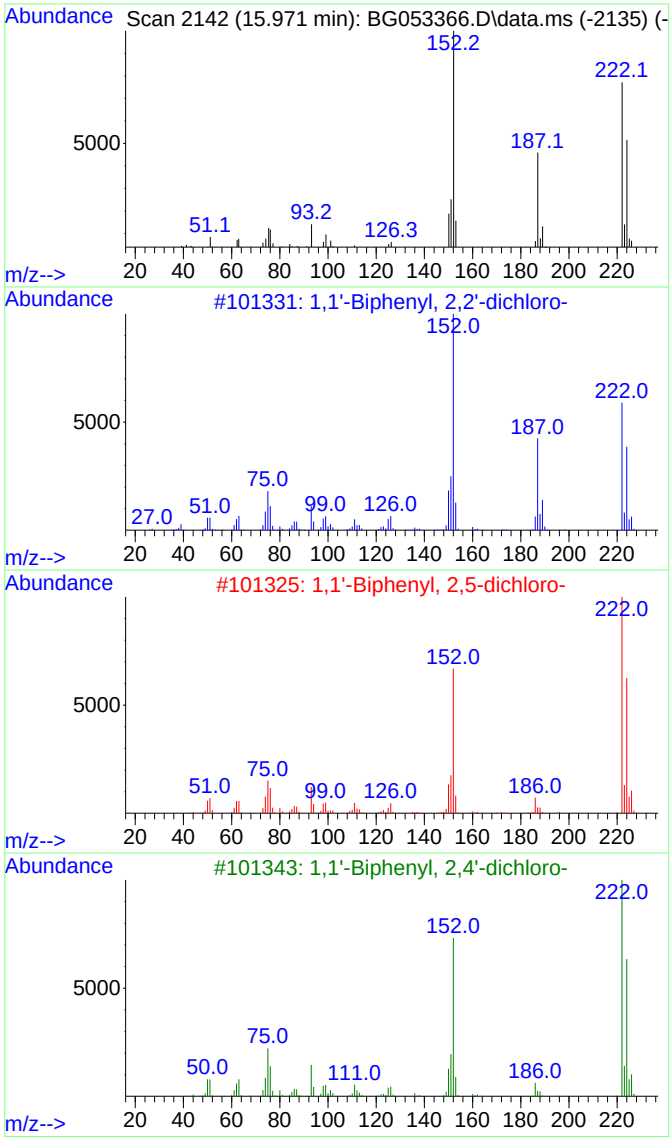
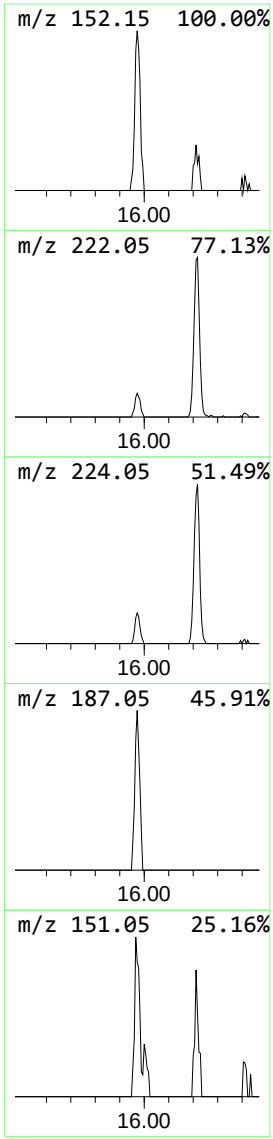
****
Peak Number 9 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.971	2.12 ng	33666	Acenaphthene-d10	14.726

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	96
3	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	96
4	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	95
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	95





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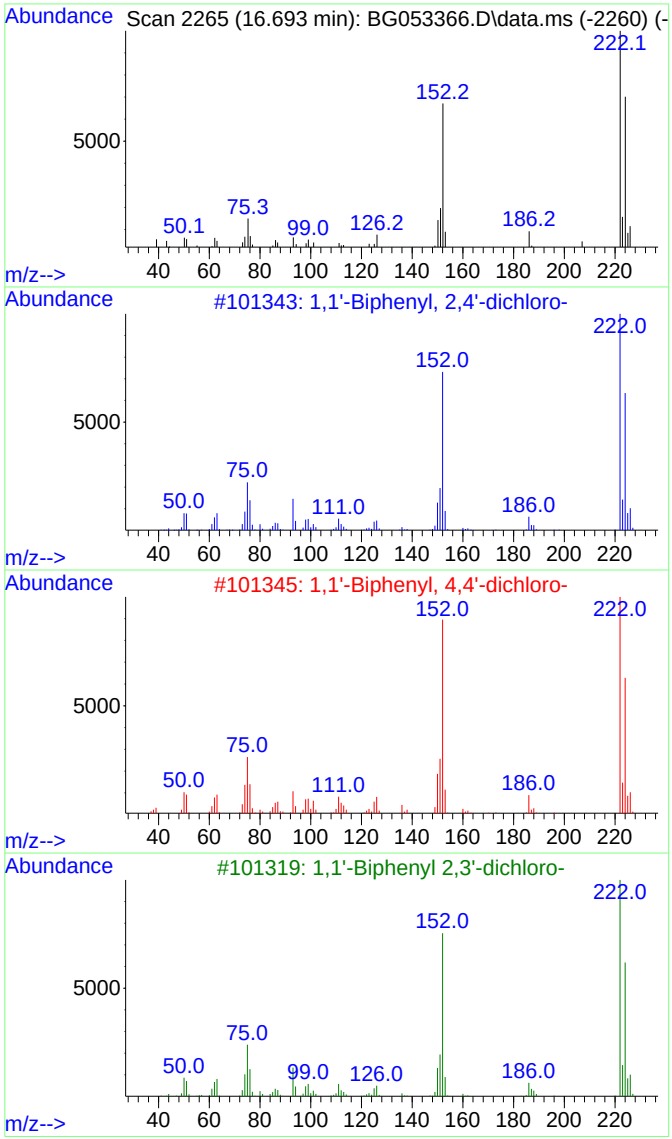
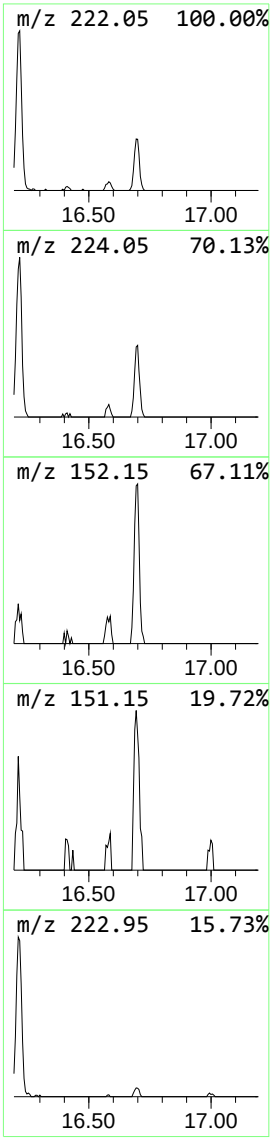
****
Peak Number 10 1,1'-Biphenyl, 2,4'-dichloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.693	2.11 ng	44009	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97
2	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	96
3	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	96
4	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	96
5	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	95





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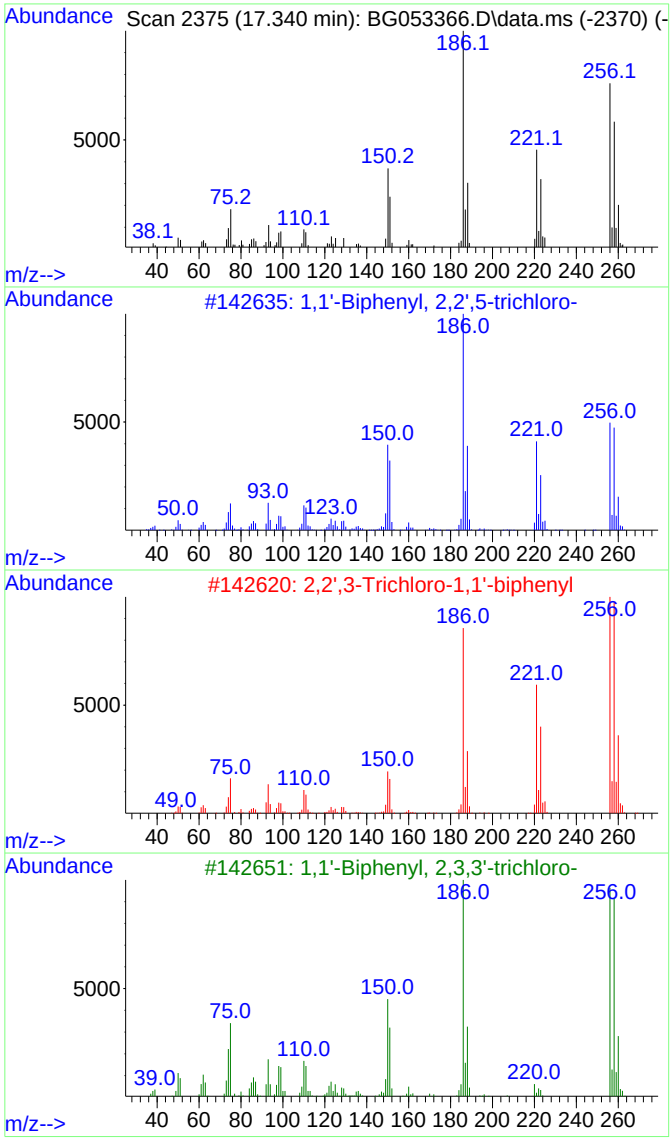
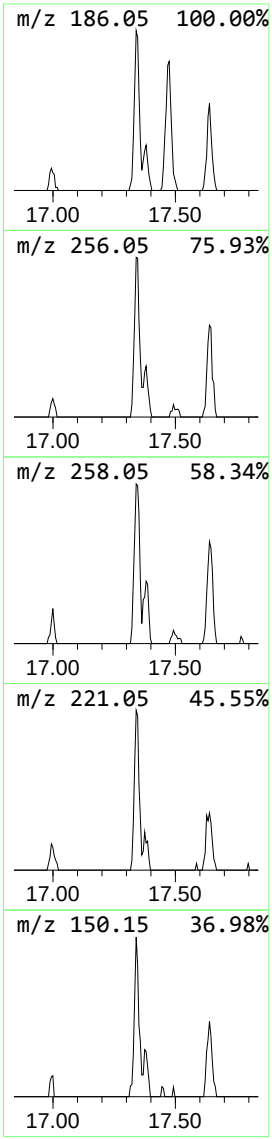
****
Peak Number 11 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.340	4.43 ng	92523	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	98
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	97
5	2,3',6-Trichlorobiphenyl	256	C12H7Cl3	038444-76-7	96





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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
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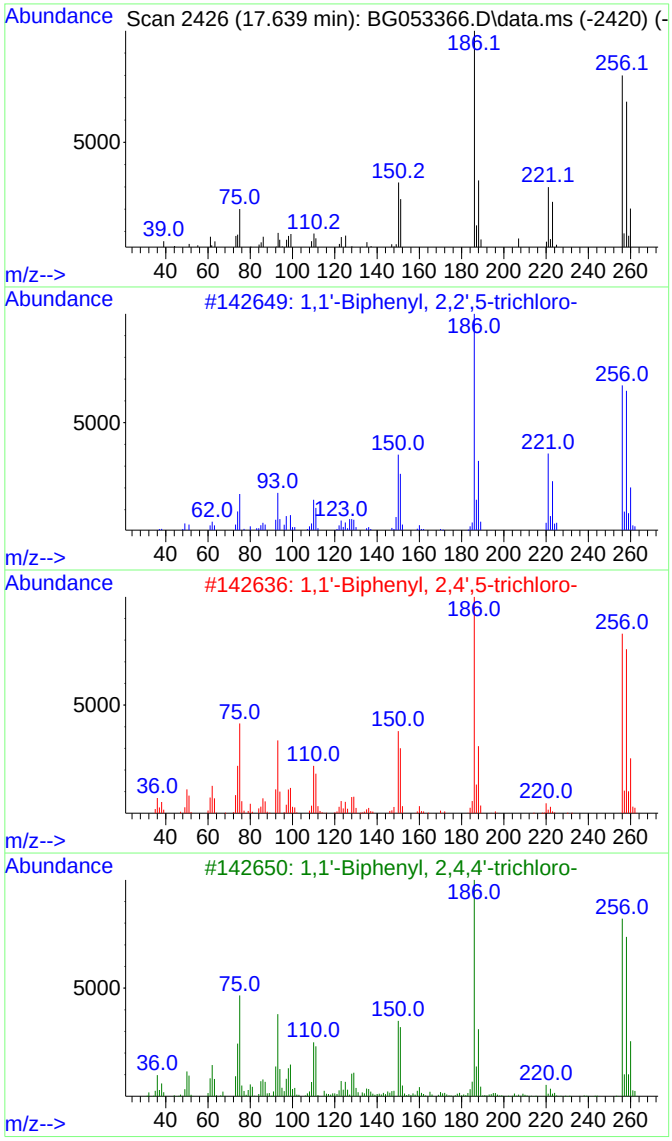
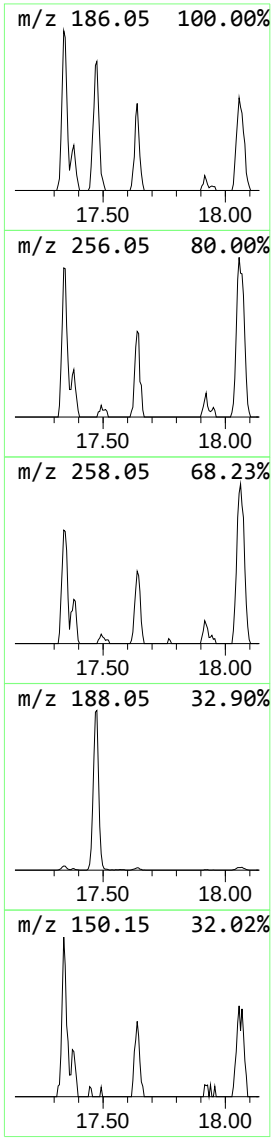
****
Peak Number 12 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.639	2.45 ng	51167	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	91
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	91
4	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	91
5	1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	91





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Data File : BG053366.D
Acq On : 28 Apr 2022 14:50
Operator : CG/JU
Sample : N2557-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

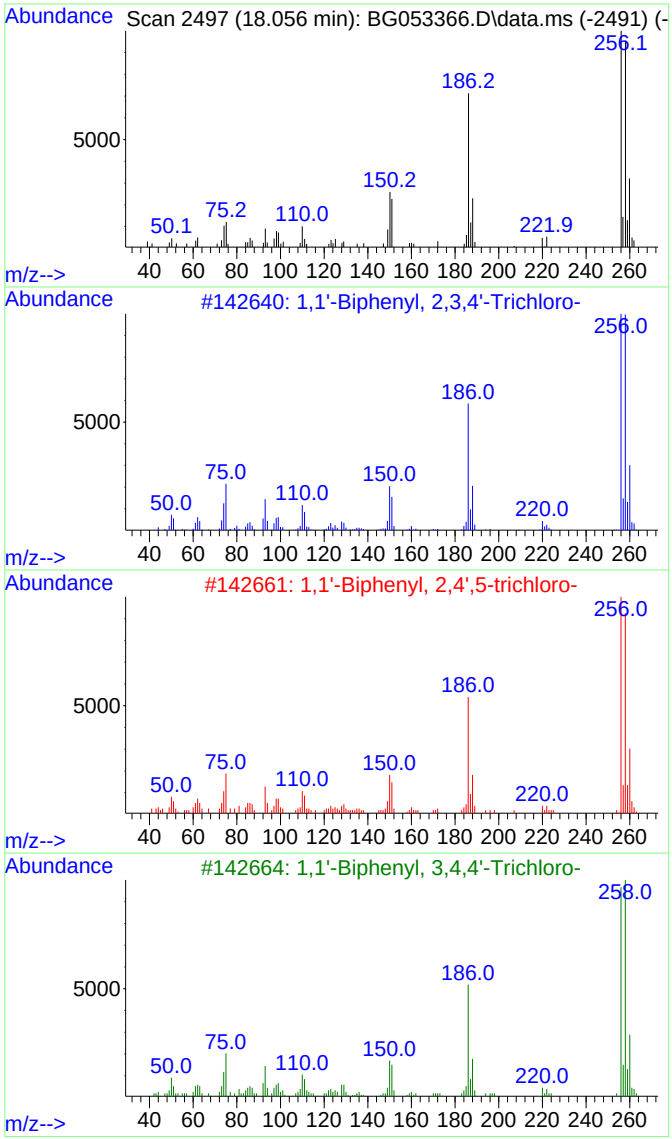
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

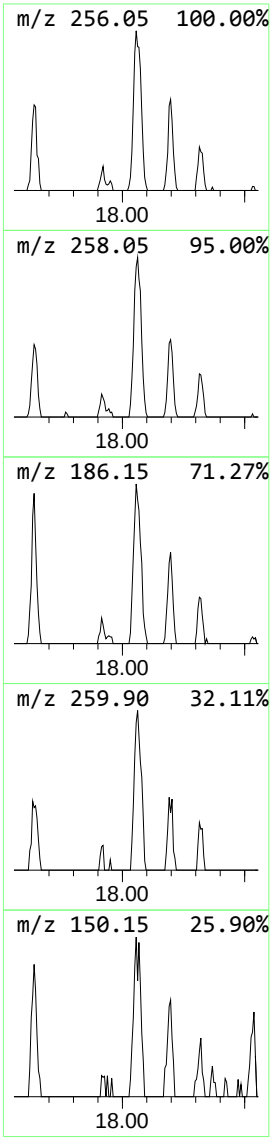
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,3,4'-Trich... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.056	4.77 ng	99698	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
3	1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	98
4	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	98
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	97





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Data File : BG053366.D
Acq On : 28 Apr 2022 14:50
Operator : CG/JU
Sample : N2557-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

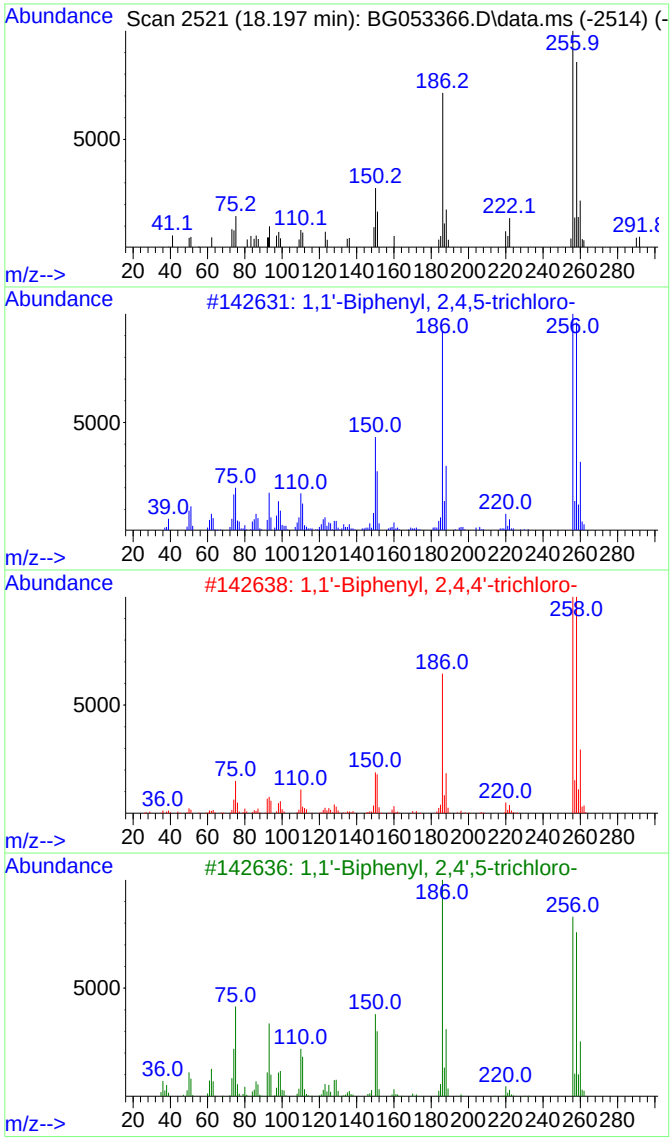
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

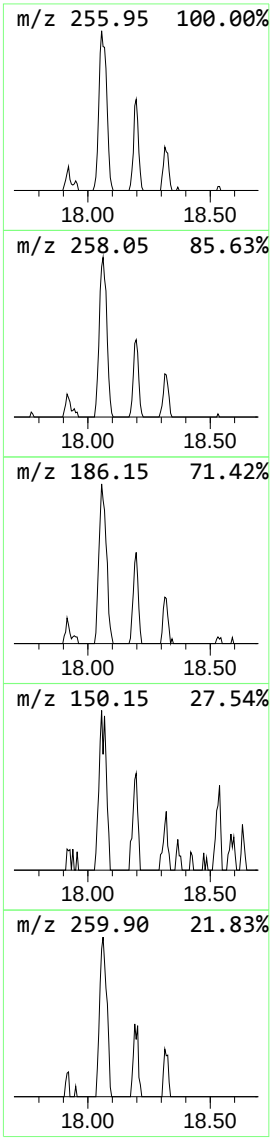
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.197	2.02 ng	42270	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
Data File : BG053366.D
Acq On : 28 Apr 2022 14:50
Operator : CG/JU
Sample : N2557-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Propanol, 1-p...	5.191	10.7	ng	91150	1	8.105	171009	20.0
Ethanol, 2-butoxy-	6.166	8.5	ng	72385	1	8.105	171009	20.0
Pentanedioic ac...	9.809	3.5	ng	39305	2	10.913	225401	20.0
2,4,7,9-Tetrame...	13.615	7.4	ng	117542	3	14.726	317583	20.0
Diethyltoluamide	15.454	23.0	ng	364805	3	14.726	317583	20.0
1,1'-Biphenyl, ...	15.971	2.1	ng	33666	3	14.726	317583	20.0
1,1'-Biphenyl, ...	16.693	2.1	ng	44009	4	17.475	417843	20.0
1,1'-Biphenyl, ...	17.340	4.4	ng	92523	4	17.475	417843	20.0
1,1'-Biphenyl, ...	17.639	2.5	ng	51167	4	17.475	417843	20.0
1,1'-Biphenyl, ...	18.056	4.8	ng	99698	4	17.475	417843	20.0
1,1'-Biphenyl, ...	18.197	2.0	ng	42270	4	17.475	417843	20.0