LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042377.D
Acq On : 21 Aug 2019 3:38
Operator : HP/JU
Sample : K4388-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T6-E1-E2-(0-2)

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-BG081919.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	3.130	3	7	27	rVB	491219	963753	41.20%	5.481%
2	5.569	415	422	439	rBV	637479	1138035	48.65%	6.472%
3	7.178	686	696	711	rBV	702967	1281233	54.77%	7.286%
4	7.296	711	716	724	rVB	21516	39726	1.70%	0.226%
5	7.543	751	758	771	rBV	748644	1347514	57.60%	7.663%
6	8.007	830	837	845	rBV	210430	366200	15.65%	2.082%
7	8.248	873	878	886	rBV2	47471	105275	4.50%	0.599%
8	8.336	886	893	902	rVB	551530	966910	41.33%	5.499%
9	9.176	1029	1036	1047	rVB	404818	733092	31.34%	4.169%
10	9.652	1112	1117	1122	rBV2	15243	23952	1.02%	0.136%
11	9.711	1122	1127	1135	rVB	24773	43244	1.85%	0.246%
12	10.833	1311	1318	1324	rBV	276131	510803	21.83%	2.905%
13	13.283	1727	1735	1748	rBV	1043952	1682856	71.93%	9.570%
14	14.112	1871	1876	1886	rBV	45842	74645	3.19%	0.424%
15	14.317	1906	1911	1920	rBV3	20698	47872	2.05%	0.272%
16	14.664	1962	1970	1978	rBV	464999	770830	32.95%	4.383%
17	16.162	2218	2225	2237	rBV	856364	1552759	66.37%	8.830%
18	16.403	2263	2266	2271	rVB2	45037	62917	2.69%	0.358%
19	16.497	2279	2282	2287	rBV	38105	61125	2.61%	0.348%
20	17.419	2434	2439	2444	rBV2	540688	830368	35.49%	4.722%
21	19.476	2785	2789	2795	rVB	212942	293005	12.52%	1.666%
22	19.834	2847	2850	2854	rBV	143280	182836	7.82%	1.040%
23	20.034	2879	2884	2894	rVB	1758763	2339425	100.00%	13.304%
24	20.322	2930	2933	2937	rVB4	125379	161084	6.89%	0.916%
25	20.592	2977	2979	2983	rVB	106783	108944	4.66%	0.620%
26	21.697	3161	3167	3171	rBV2	579601	1020039	43.60%	5.801%
27	24.940	3713	3719	3729	rVB2	324014	876447	37.46%	4.984%

Sum of corrected areas: 17584889

LSC Report - Integrated Chromatogram

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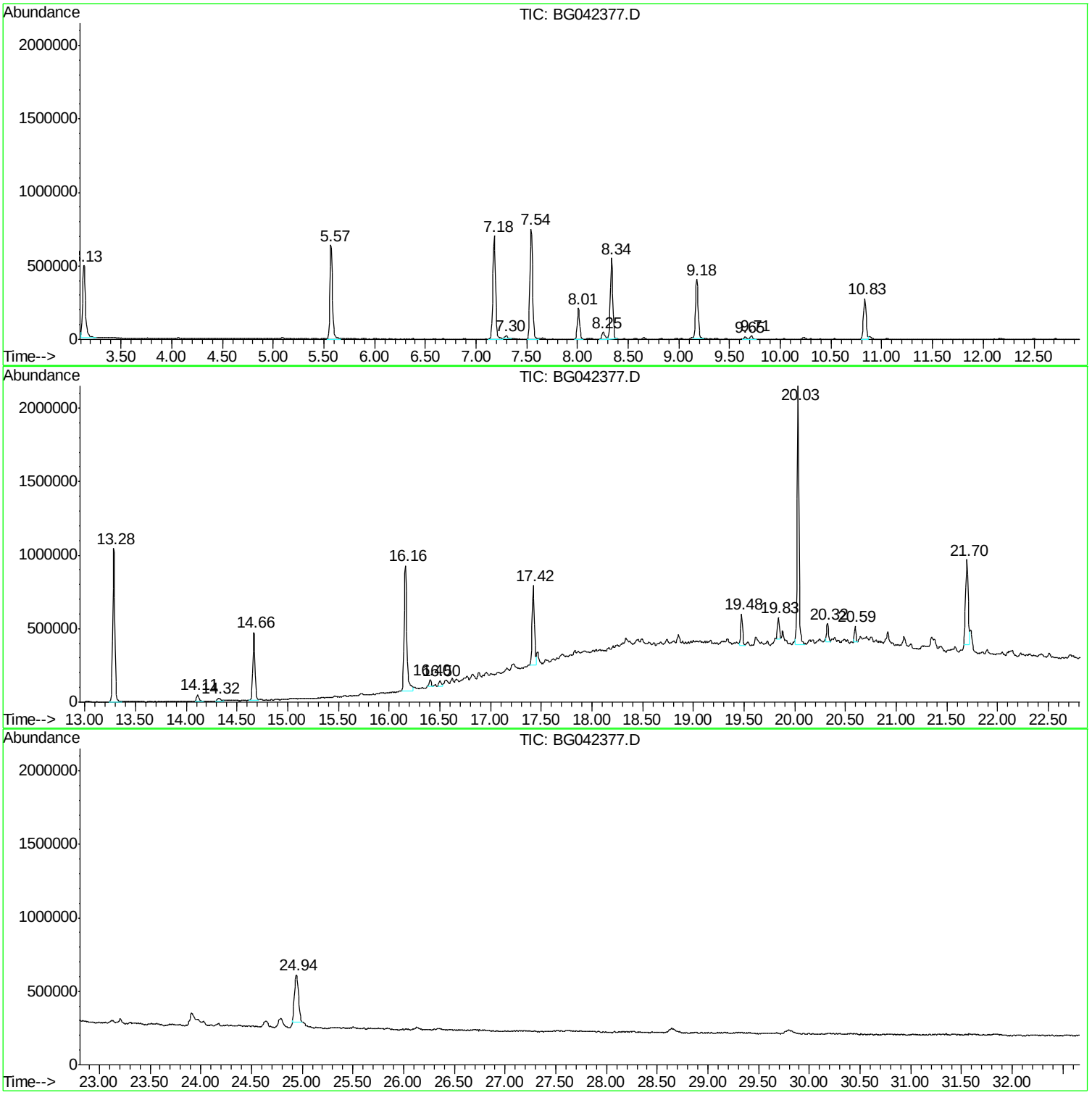
Operator : HP/JU
Sample : K4388-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T6-E1-E2-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042377.D
Acq On : 21 Aug 2019 3:38
Operator : HP/JU
Sample : K4388-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T6-E1-E2-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

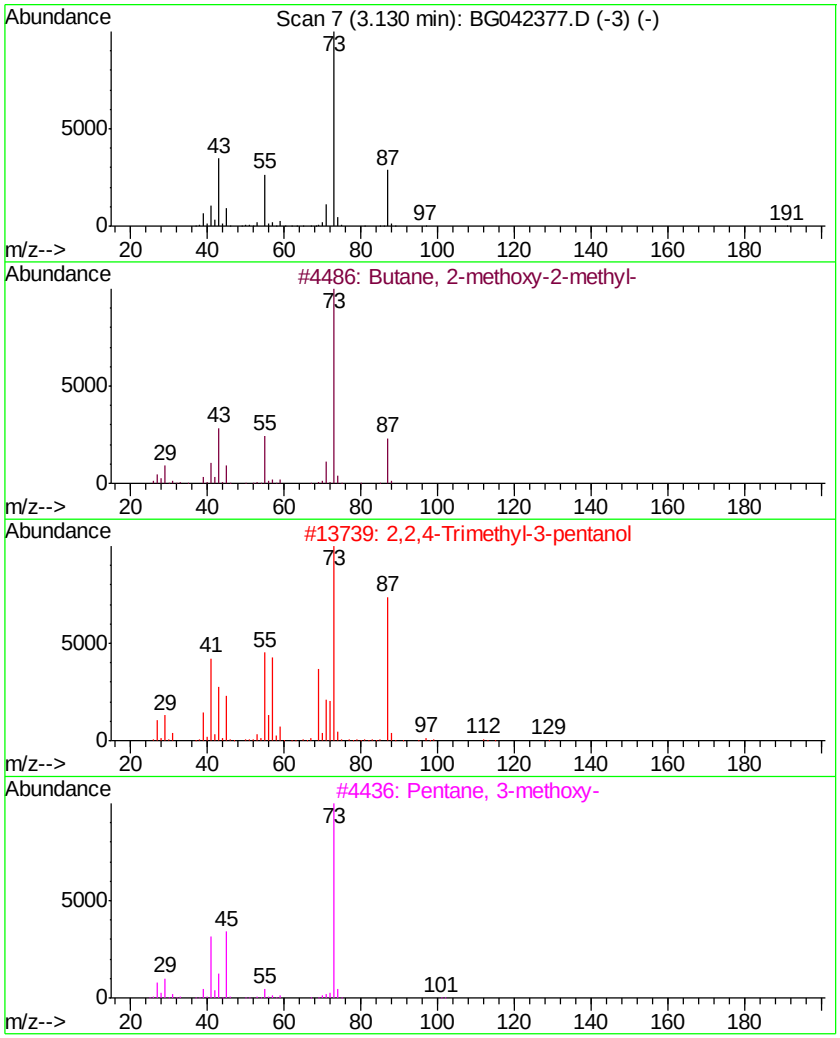
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

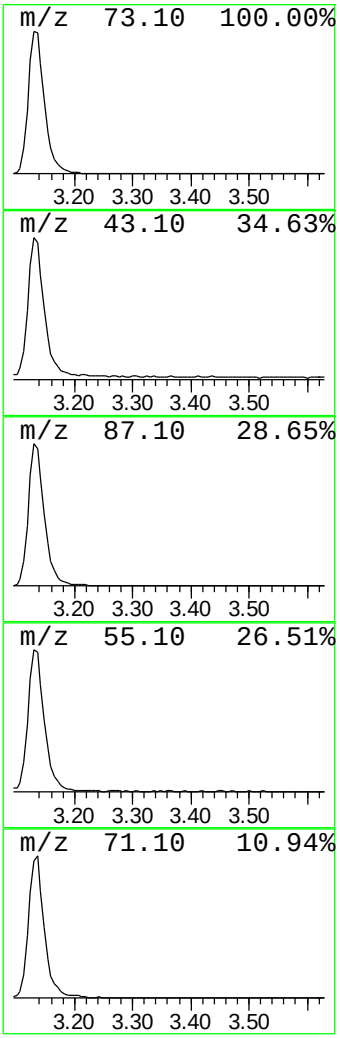
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	52.64 ng	963753	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Operator : HP/JU
Sample : K4388-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T6-E1-E2-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

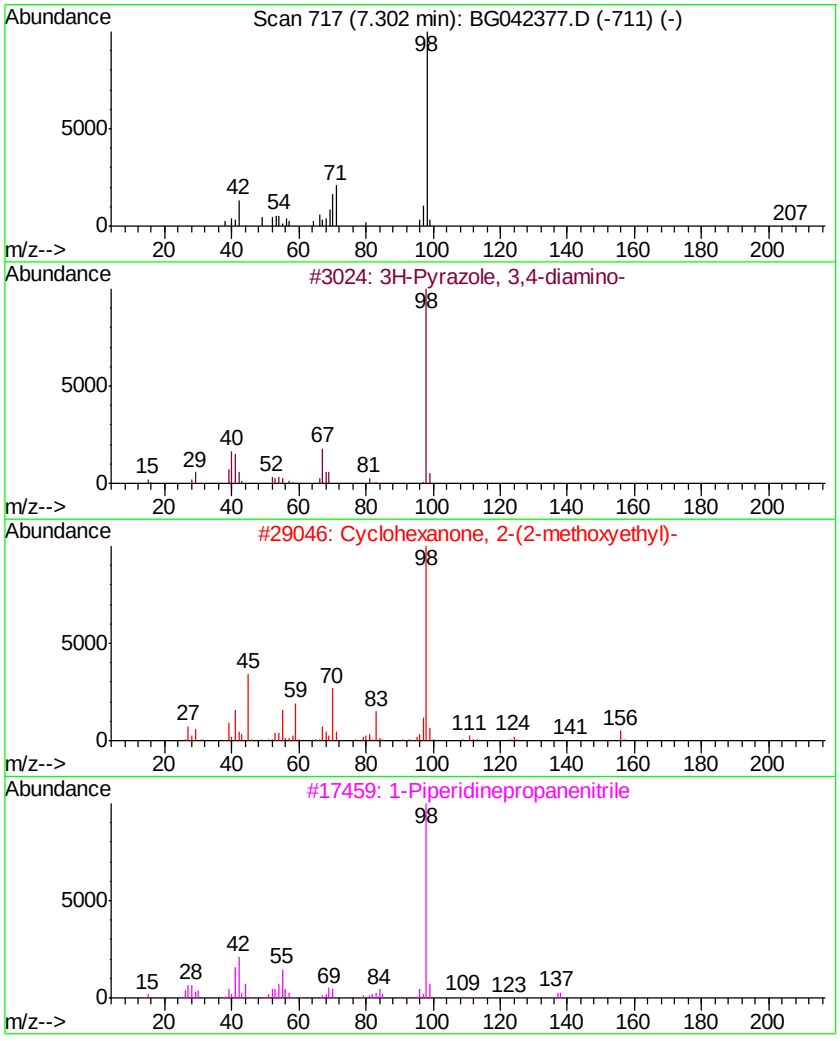
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

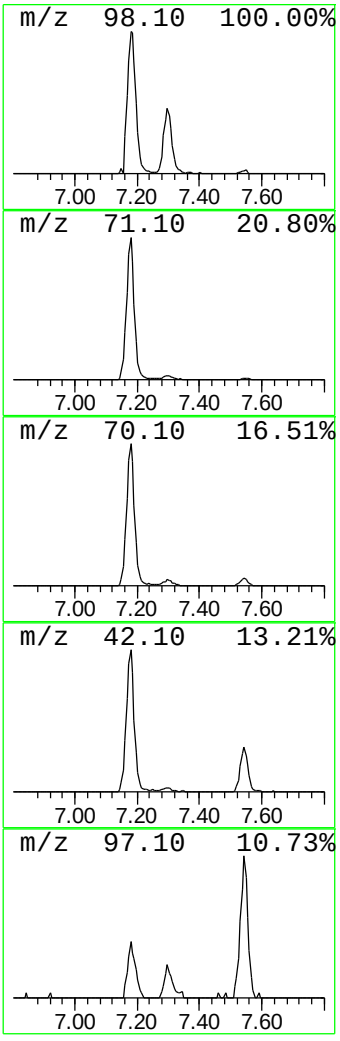
****

Peak Number 2 3H-Pyrazole, 3,4-diamino- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	2.17 ng	39726	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Pyrazole, 3,4-diamino-	98	C3H6N4	1000288-40-0	50
2	Cyclohexanone, 2-(2-methoxyethyl)-	156	C9H16O2	129786-15-8	45
3	1-Piperidinepropanenitrile	138	C8H14N2	003088-41-3	42
4	(R)-1-Ethyl-2-pyrrolidinecarboxa...	142	C7H14N2O	1000237-69-9	40
5	2,3-2H-4-Methyl-imidazole-2-one	98	C4H6N2O	039799-77-4	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042377.D
Acq On : 21 Aug 2019 3:38
Operator : HP/JU
Sample : K4388-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T6-E1-E2-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

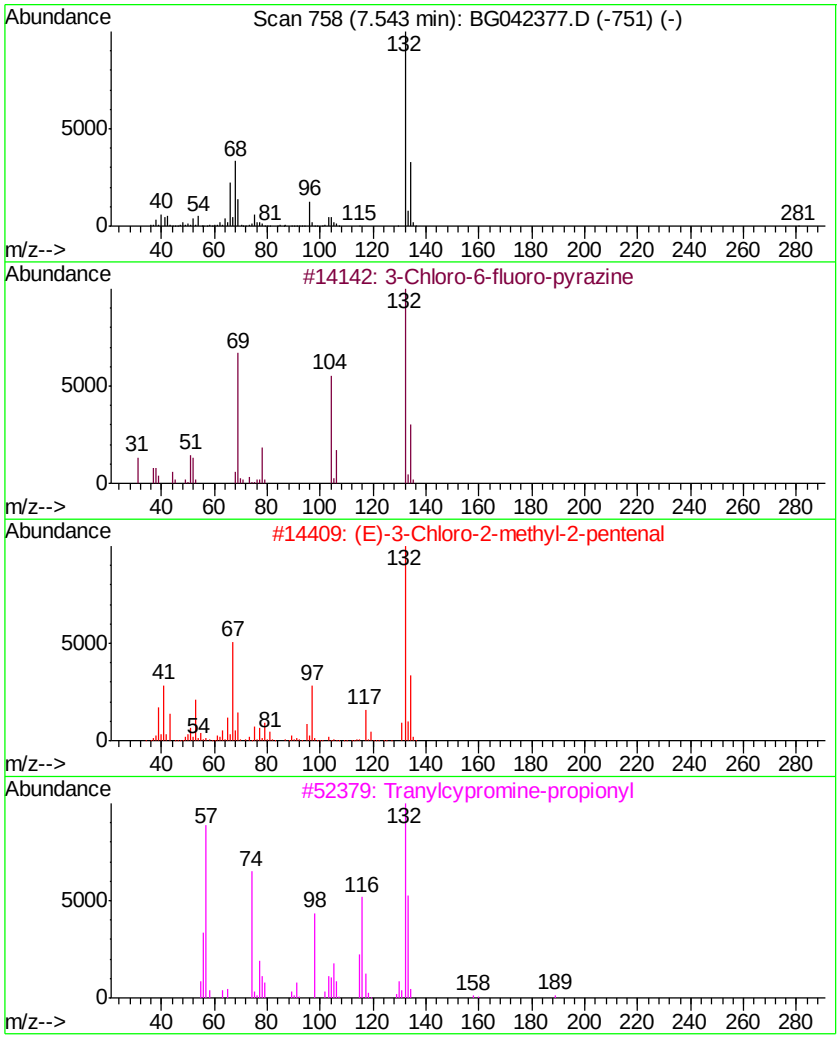
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

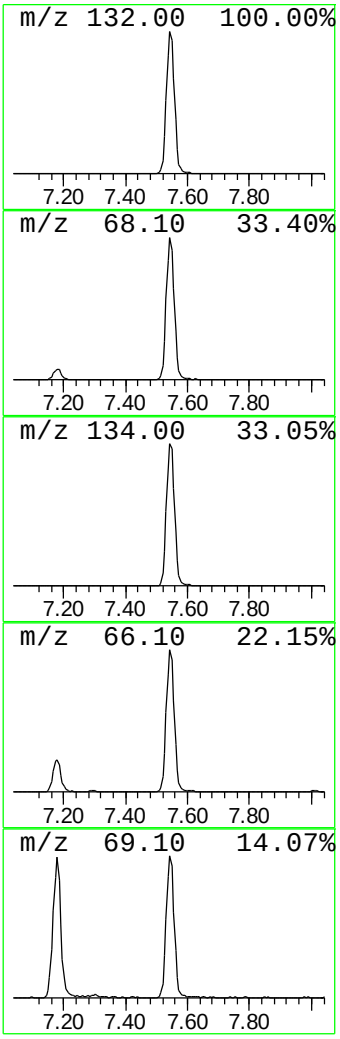
****

Peak Number 3 unknown7.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	73.59 ng	1347510	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : T6-E1-E2-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

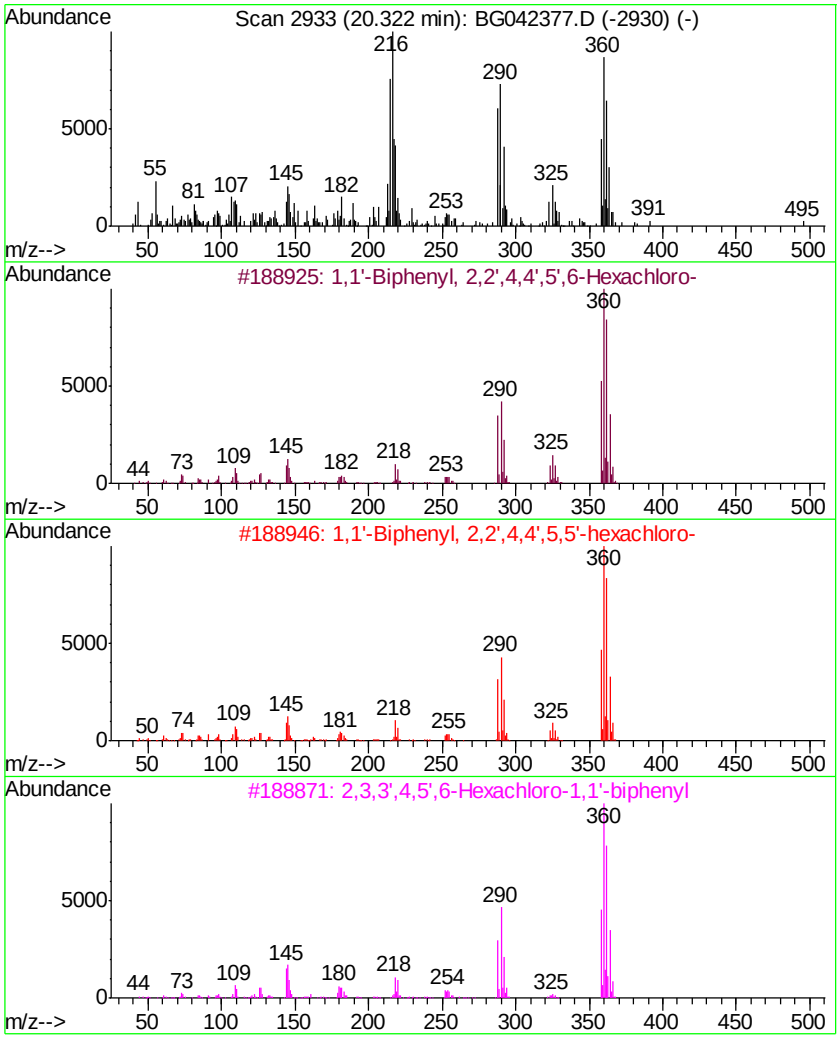
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

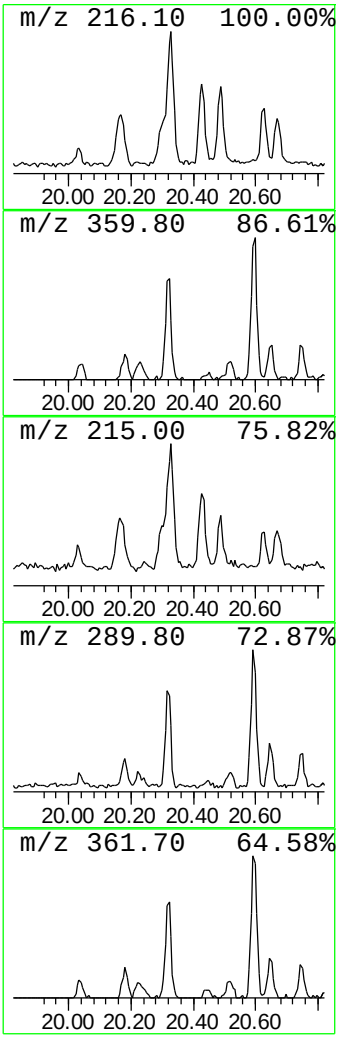
****

Peak Number 5 1,1'-Biphenyl, 2,2',4,4',5'... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	3.16 ng	161084	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	97
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	97
5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	95





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Operator : HP/JU
Sample : K4388-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T6-E1-E2-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

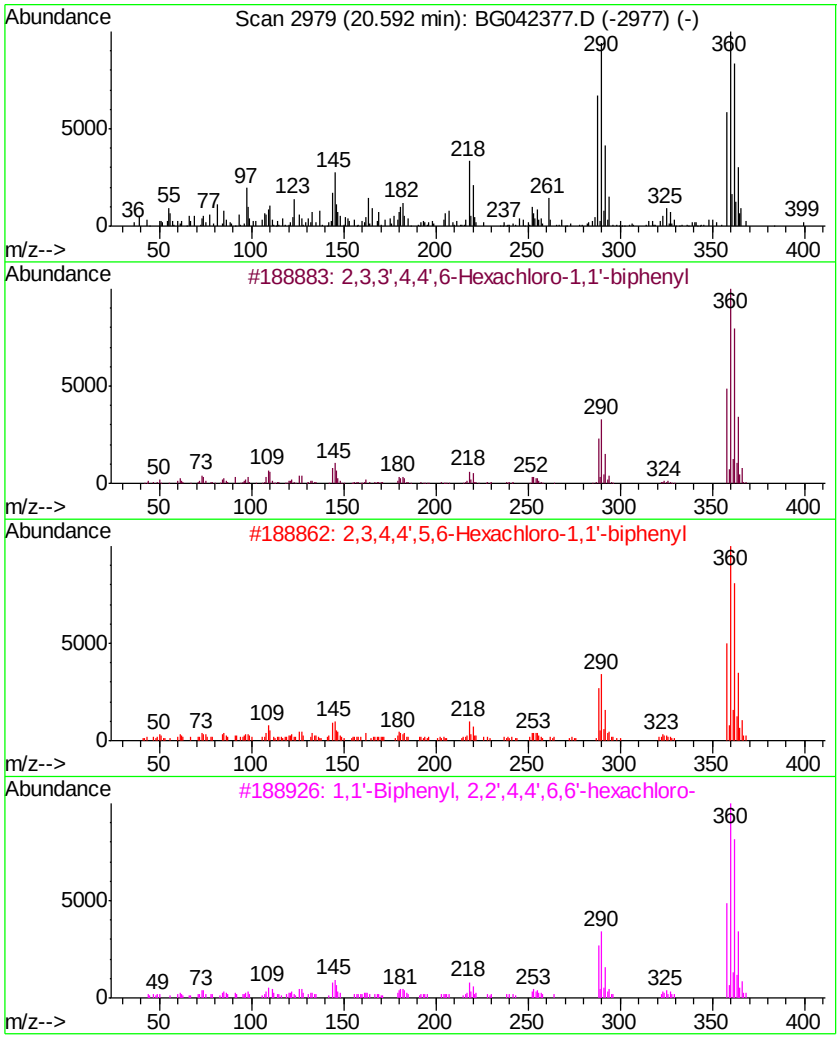
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

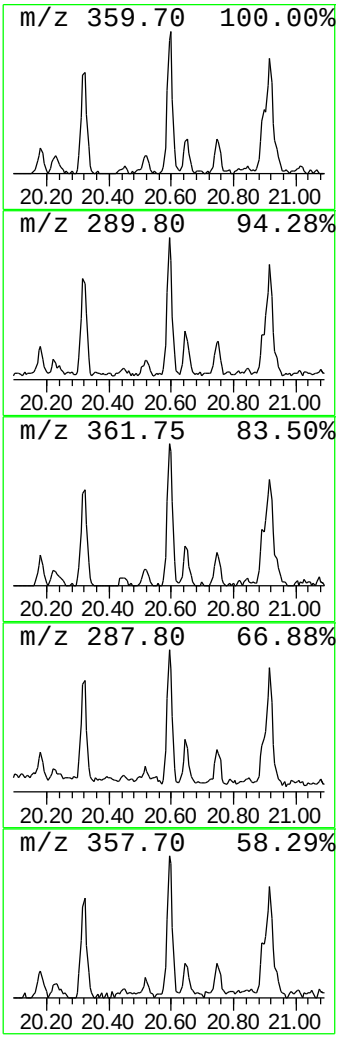
****

Peak Number 6 2,3,3',4,4',6-Hexachloro-1,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	2.14 ng	108944	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	97
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	96
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	96
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	96
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	96





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.13	52.6	ng	963753	1	8.01	366200	20.0
3H-Pyrazole, 3,4-...	7.30	2.2	ng	39726	1	8.01	366200	20.0
unknown7.54	7.54	73.6	ng	1347510	1	8.01	366200	20.0
1,1'-Biphenyl, 2,...	20.32	3.2	ng	161084	5	21.70	1020040	20.0
2,3,3',4,4',6-Hex...	20.59	2.1	ng	108944	5	21.70	1020040	20.0