LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
Data File : BG042697.D
Acq On : 3 Sep 2019 20:24
Operator : HP/JU
Sample : K4602-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PAR-C1-C4-(0-3.11)

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-BG082219.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	3.117	3	5	17	rVB	103234	130691	9.88%	1.403%
2	5.556	412	420	431	rBV	273397	455468	34.42%	4.888%
3	7.160	686	693	710	rBV	288502	541297	40.90%	5.809%
4	7.530	748	756	771	rBV	306958	546969	41.33%	5.870%
5	7.994	828	835	844	rBV	105393	173918	13.14%	1.867%
6	8.323	883	891	899	rBV	242751	425680	32.17%	4.568%
7	9.163	1027	1034	1048	rBV	162134	317624	24.00%	3.409%
8	10.820	1308	1316	1334	rBV	124790	246239	18.61%	2.643%
9	13.276	1727	1734	1754	rBV	493418	822399	62.15%	8.826%
10	14.104	1868	1875	1888	rBV	40989	78204	5.91%	0.839%
11	14.657	1962	1969	1983	rBV2	243795	409436	30.94%	4.394%
12	16.149	2217	2223	2235	rBV	466671	834690	63.07%	8.958%
13	17.406	2432	2437	2443	rBV2	316046	511618	38.66%	5.491%
14	19.463	2784	2787	2794	rVB	51541	74878	5.66%	0.804%
15	19.827	2846	2849	2854	rVB	44295	60051	4.54%	0.644%
16	20.021	2877	2882	2891	rVB	1032090	1323354	100.00%	14.203%
17	21.320	3100	3103	3108	rBV2	29510	41833	3.16%	0.449%
18	21.566	3142	3145	3148	rVB	29571	34397	2.60%	0.369%
19	21.684	3158	3165	3171	rBV2	402875	714366	53.98%	7.667%
20	22.694	3330	3337	3349	rBV	221267	470883	35.58%	5.054%
21	23.899	3535	3542	3549	rBV	47304	132319	10.00%	1.420%
22	24.622	3659	3665	3678	rVB	27953	86019	6.50%	0.923%
23	24.768	3682	3690	3702	rVB2	33142	95828	7.24%	1.028%
24	24.927	3707	3717	3731	rBV3	244960	772909	58.41%	8.295%
25	26.085	3912	3914	3923	rVB10	8002	16673	1.26%	0.179%

Sum of corrected areas: 9317743

LSC Report - Integrated Chromatogram

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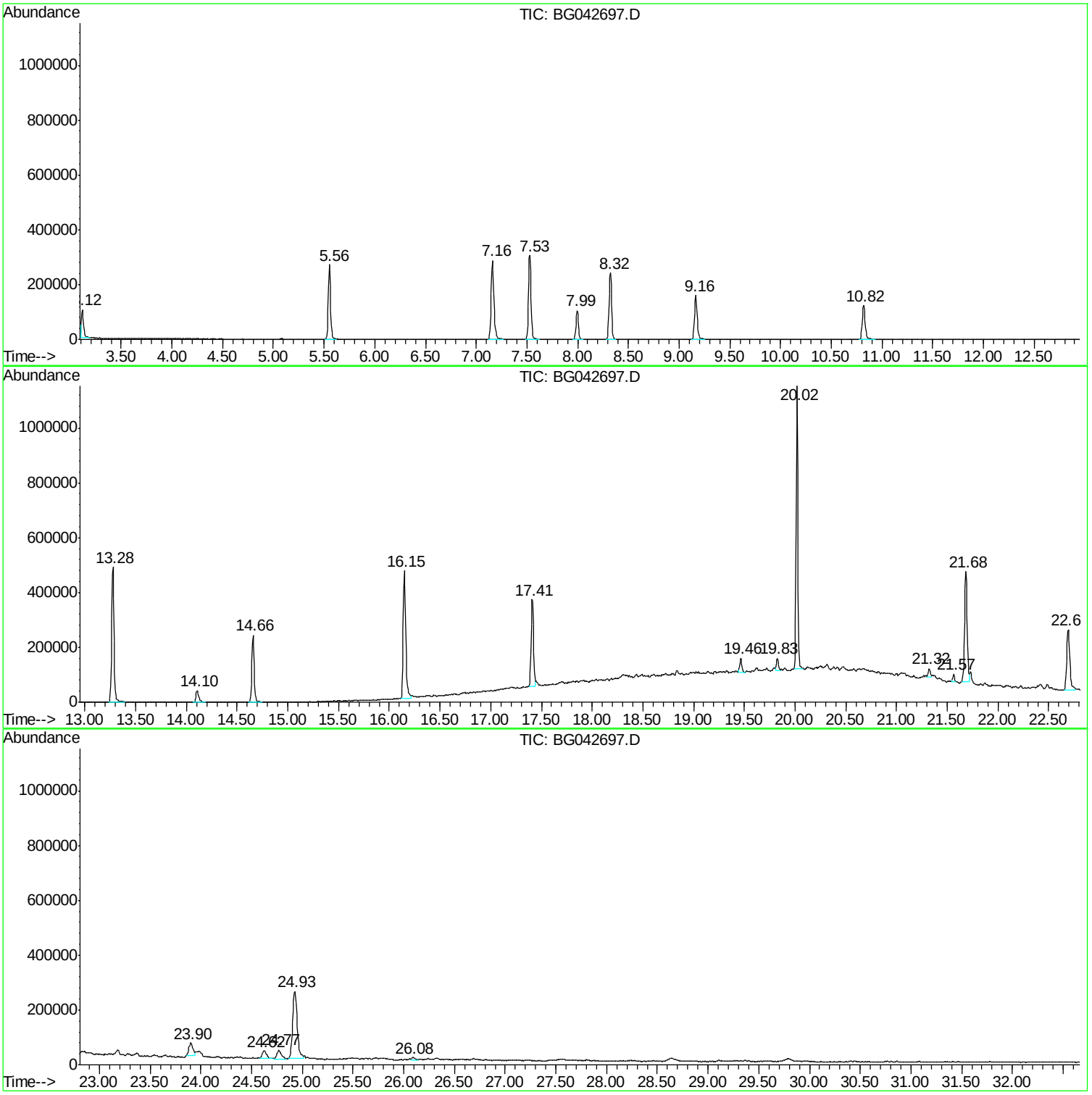
Instrument : BNA_G
ClientSampleId : PAR-C1-C4-(0-3.11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : K4602-08
Misc :
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Instrument : BNA_G
ClientSampleId : PAR-C1-C4-(0-3.11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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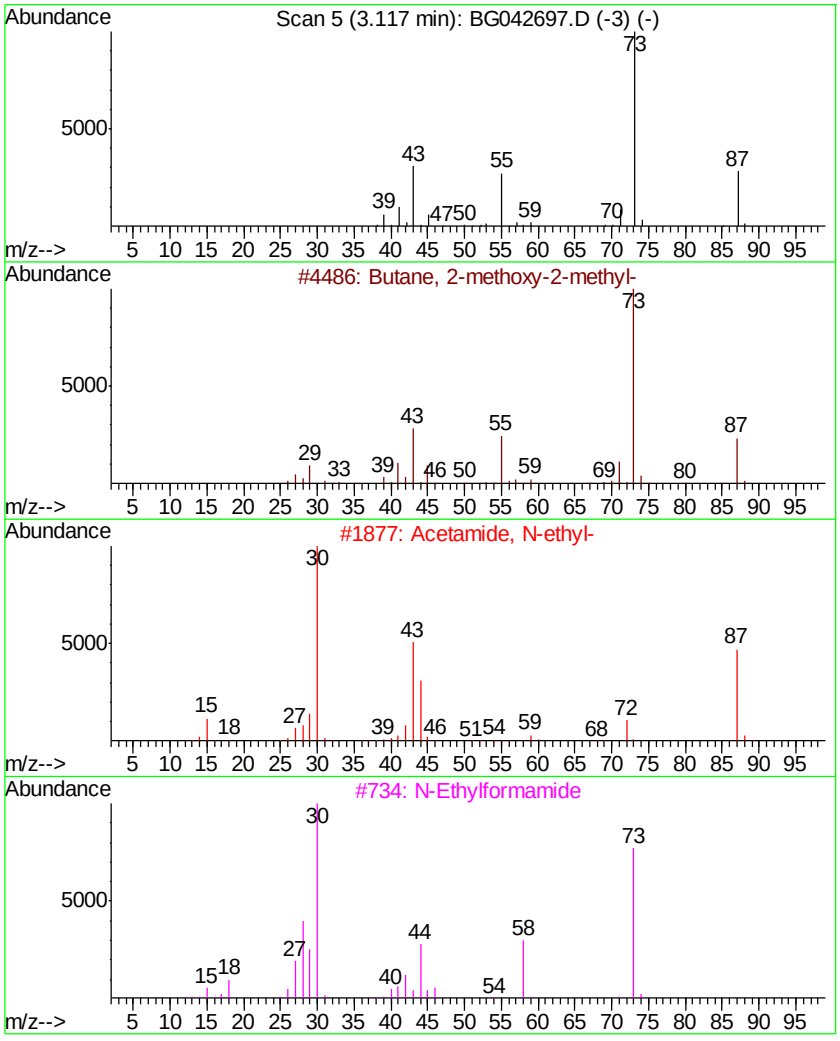
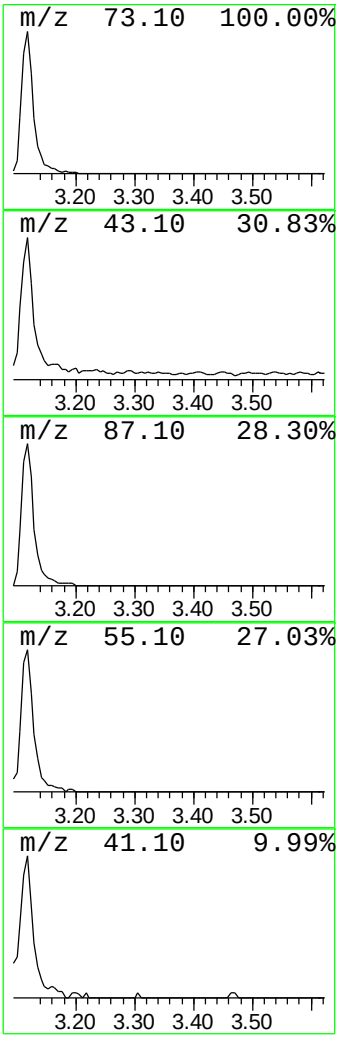
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	15.03 ng	130691	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	7
5	Morpholine	87	C4H9NO	000110-91-8	7





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : PAR-C1-C4-(0-3.11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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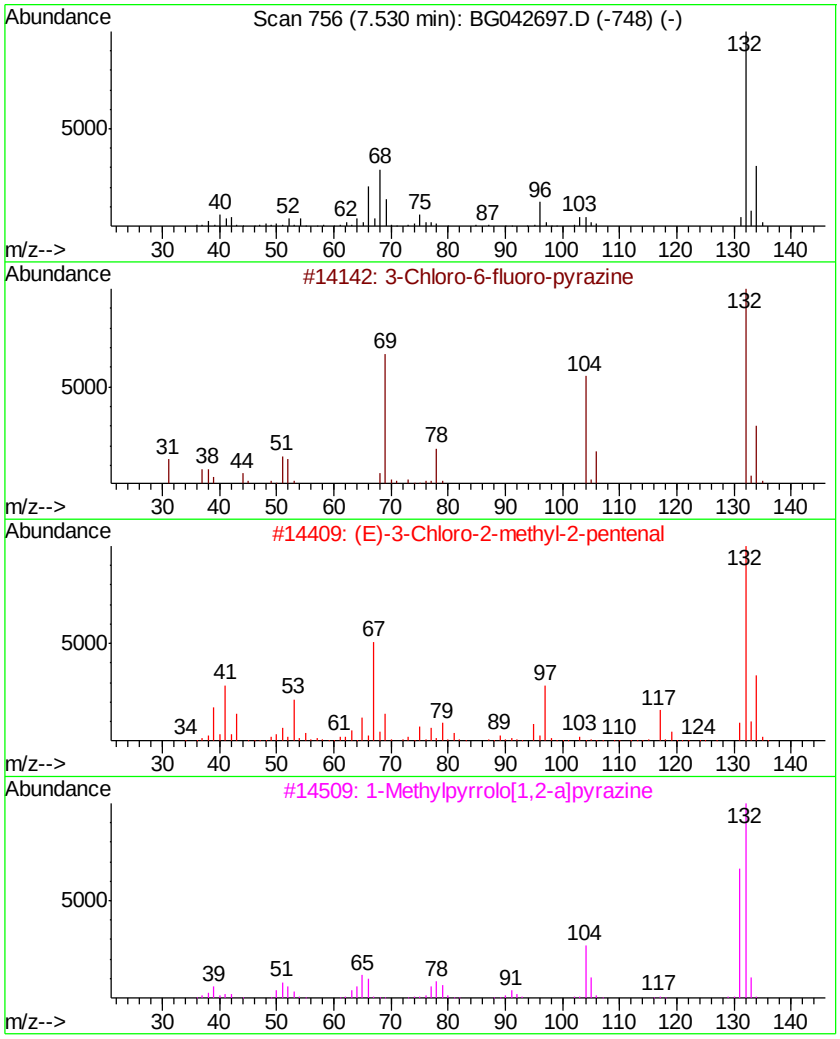
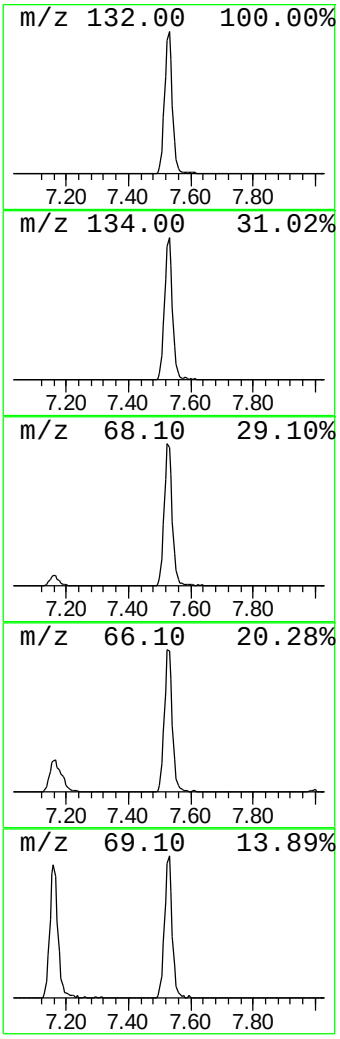
Peak Number 2 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	62.90 ng	546969	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	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Instrument : BNA_G
ClientSampleId : PAR-C1-C4-(0-3.11)

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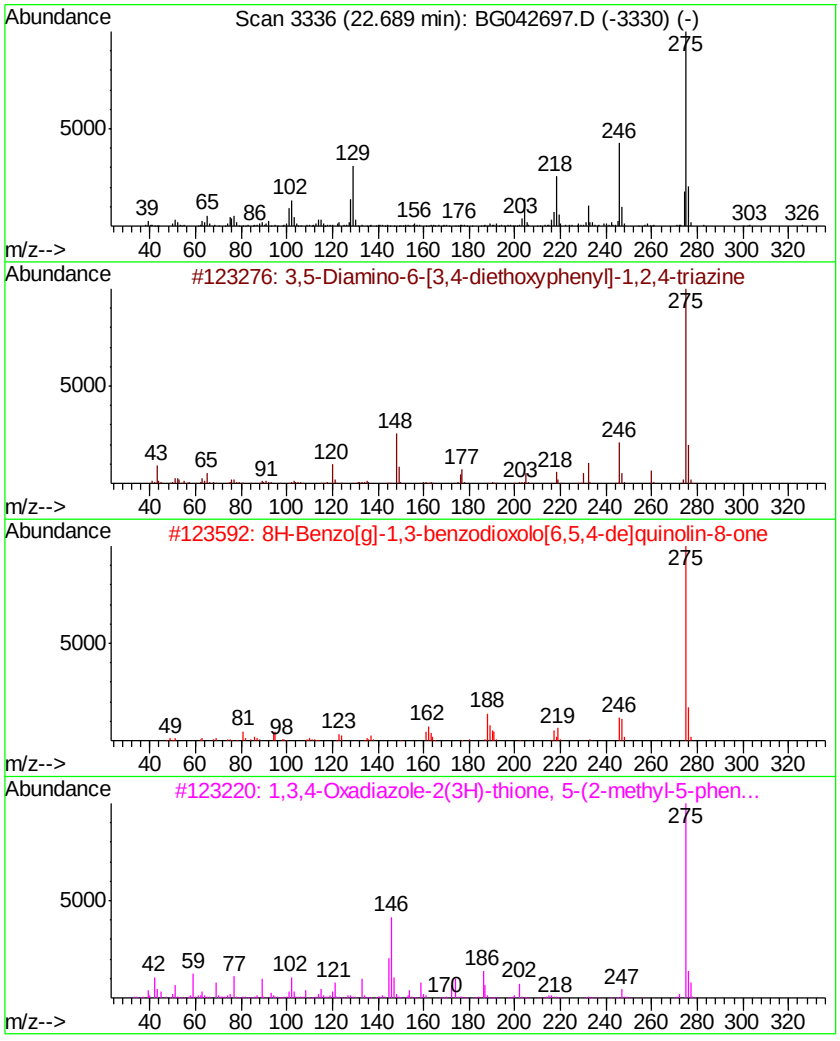
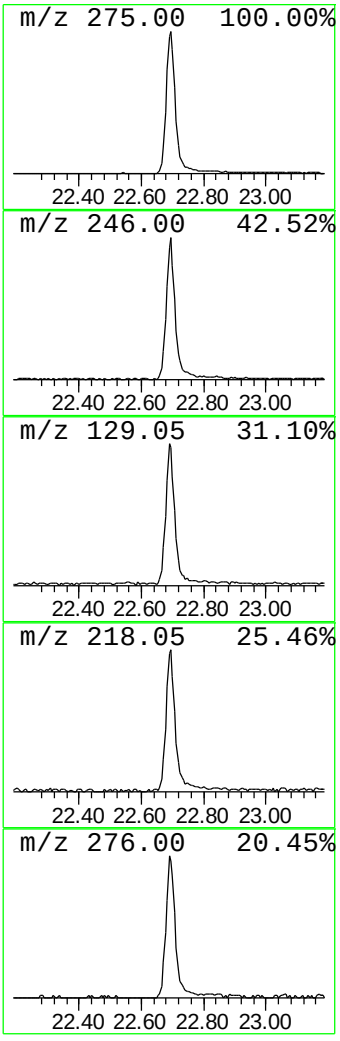
Peak Number 4 3,5-Diamino-6-[3,4-diethoxy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	13.18 ng	470883	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Diamino-6-[3,4-diethoxyphenyl...	275	C13H17N5O2	058848-69-4	50
2	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	43
3	1,3,4-Oxadiazole-2(3H)-thione, 5...	275	C12H9N3OS2	143539-25-7	38
4	1-Methyl-5'-phenylspiro(indoline...	275	C17H13N3O	015970-21-5	38
5	5H-[1]Benzopyrano[4,3-d]pyrimidi...	275	C16H9N3O2	1000337-49-1	38





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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
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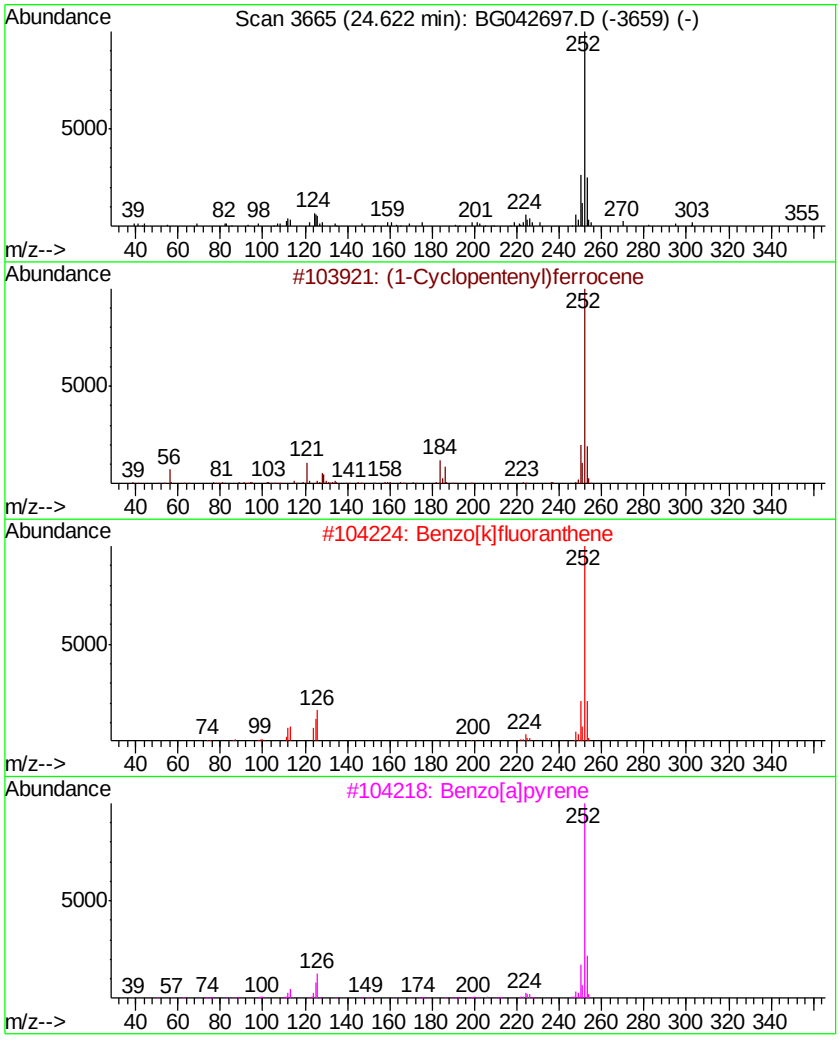
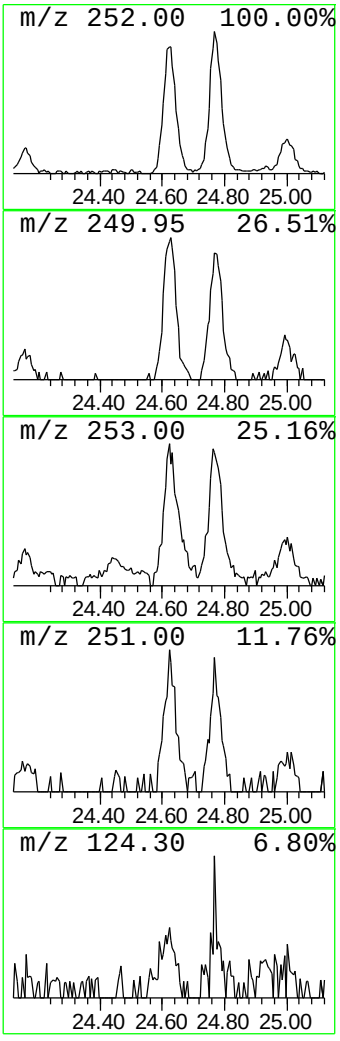
Peak Number 5 (1-Cyclopentenyl)ferrocene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.62	2.23 ng	86019	Perylene-d12	24.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	87
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	74
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74
5	Perylene	252	C20H12	000198-55-0	74





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...	3.12	15.0	ng	130691	1	7.99	173918	20.0
unknown7.53	7.53	62.9	ng	546969	1	7.99	173918	20.0
3,5-Diamino-6-[3,...	22.69	13.2	ng	470883	5	21.68	714366	20.0
(1-Cyclopentenyl)...	24.62	2.2	ng	86019	6	24.92	772909	20.0