LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021192.D
Acq On : 1 Mar 2016 20:25
Operator : UM/SJ
Sample : H1578-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-1(10-12)20160224

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-BG022916.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	3.060	32	38	56	rBV	1874127	2650298	19.01%	9.534%
2	5.234	401	408	418	rVB	99130	150852	1.08%	0.543%
3	5.699	480	487	495	rBV	270456	417886	3.00%	1.503%
4	7.297	750	759	768	rVB	327140	561620	4.03%	2.020%
5	7.673	816	823	831	rBB	295982	511491	3.67%	1.840%
6	8.472	949	959	965	rBV	191658	332627	2.39%	1.197%
7	9.312	1092	1102	1112	rVB	201562	365009	2.62%	1.313%
8	13.384	1787	1795	1801	rBB	414125	653828	4.69%	2.352%
9	14.753	2022	2028	2034	rVB2	110045	167421	1.20%	0.602%
10	16.233	2274	2280	2289	rVB	347449	541080	3.88%	1.947%
11	17.491	2487	2494	2497	rBV	134953	215030	1.54%	0.774%
12	17.532	2497	2501	2507	rVV	336947	483403	3.47%	1.739%
13	18.354	2636	2641	2646	rBV2	90975	152744	1.10%	0.549%
14	19.529	2834	2841	2846	rVB	369946	519865	3.73%	1.870%
15	19.888	2898	2902	2909	rVB	299957	414349	2.97%	1.491%
16	20.082	2928	2935	2939	rBV	684000	905253	6.49%	3.257%
17	20.793	3045	3056	3060	rBV	6802793	13940207	100.00%	50.150%
18	20.845	3060	3065	3072	rVB	118406	154426	1.11%	0.556%
19	21.627	3192	3198	3204	rVB	2060629	2881672	20.67%	10.367%
20	21.739	3210	3217	3224	rBV2	189784	514408	3.69%	1.851%
21	21.797	3224	3227	3235	rVB	124429	209865	1.51%	0.755%
22	23.354	3485	3492	3499	rVB	79101	163338	1.17%	0.588%
23	23.977	3590	3598	3607	rBV2	80962	298676	2.14%	1.074%
24	24.712	3717	3723	3737	rVB	54733	162611	1.17%	0.585%
25	24.864	3741	3749	3759	rVB	73616	210713	1.51%	0.758%
26	25.017	3767	3775	3783	rBV2	77995	218586	1.57%	0.786%

Sum of corrected areas: 27797258

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BNA_G
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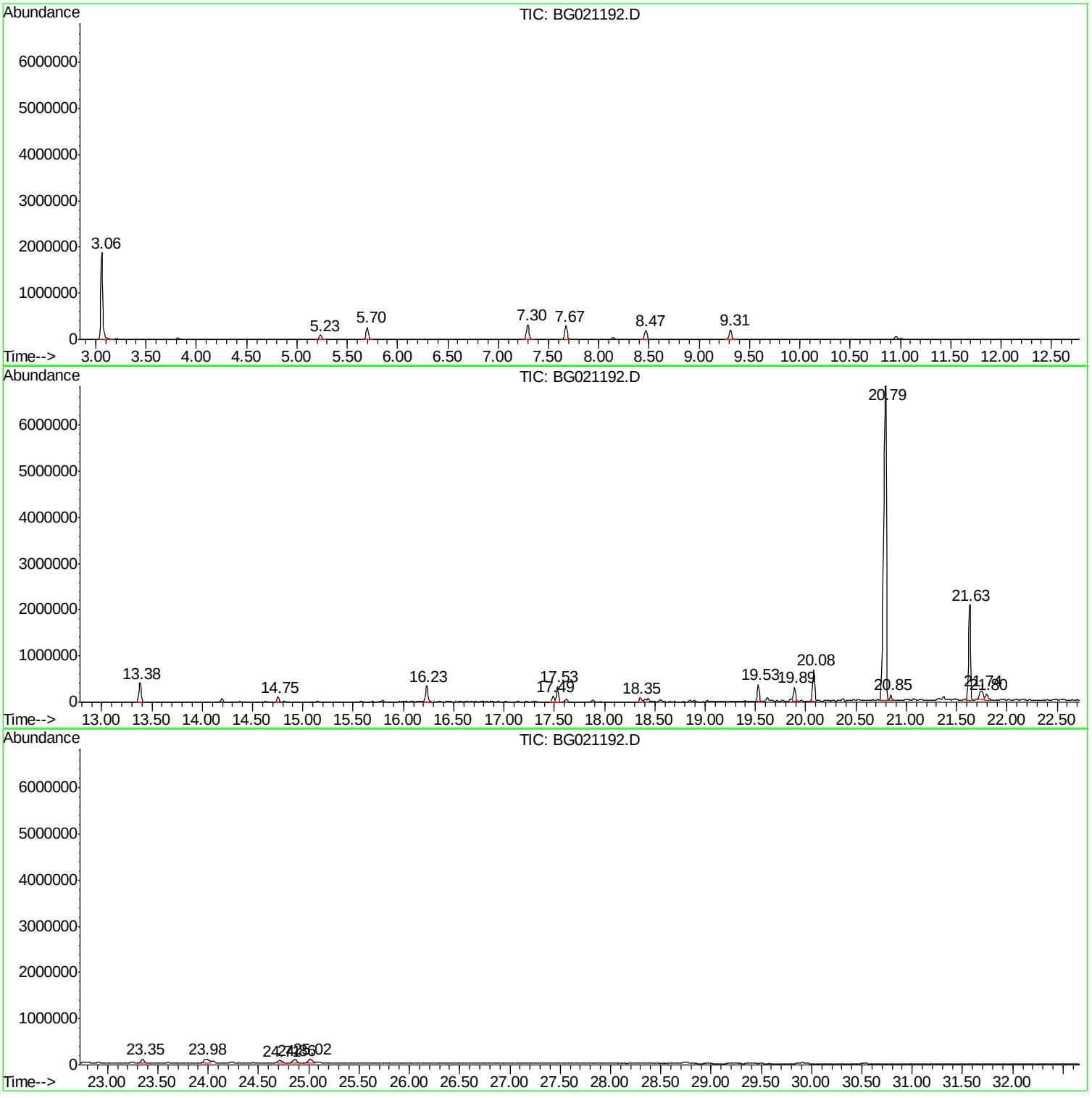
CEB-1(10-12)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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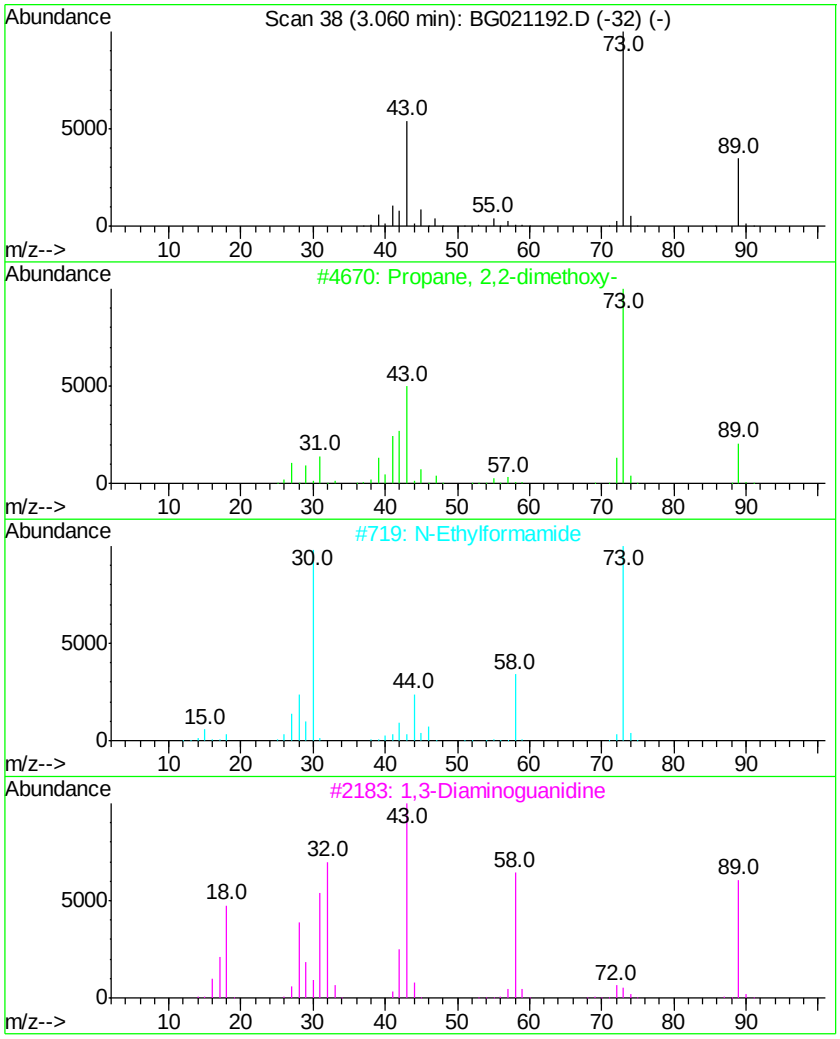
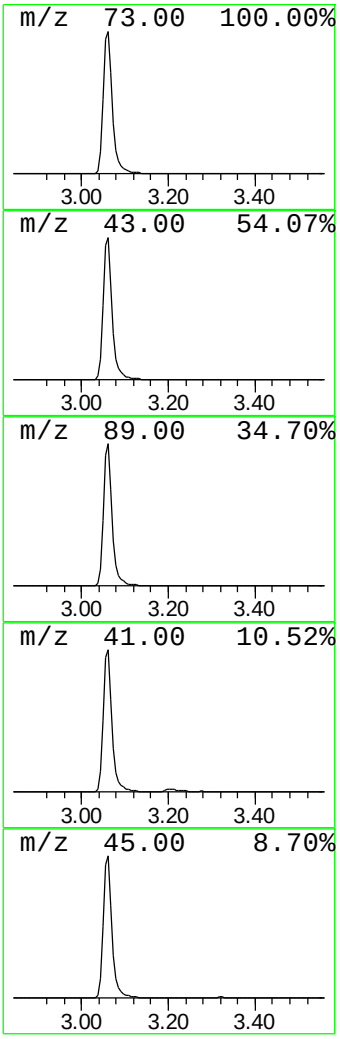
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	159.36 ng	2650300	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Instrument : BNA_G
ClientSampleId : CEB-1(10-12)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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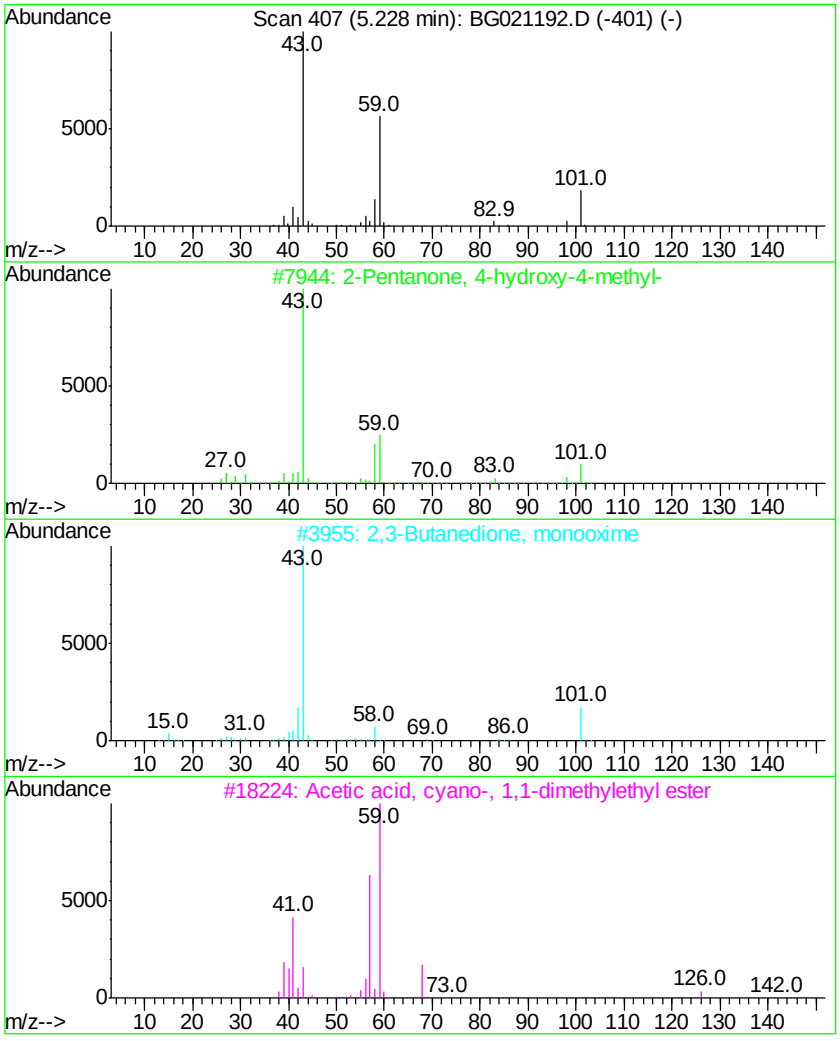
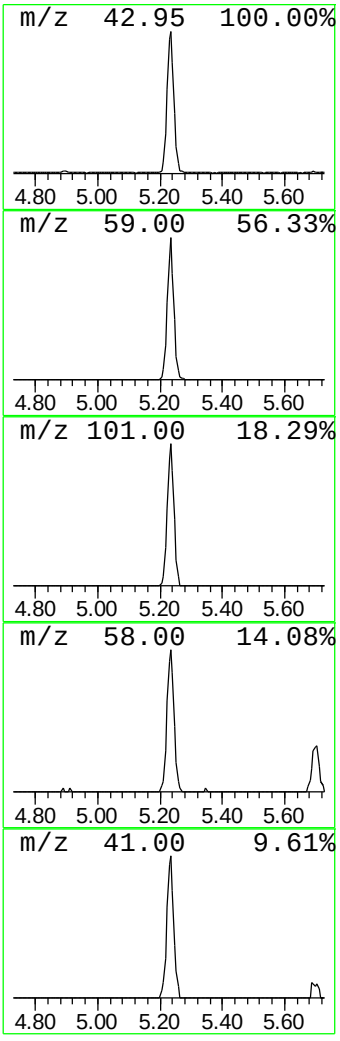
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	9.07 ng	150852	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021192.D
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Operator : UM/SJ
Sample : H1578-02
Misc :
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Instrument : BNA_G
ClientSampleId : CEB-1(10-12)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
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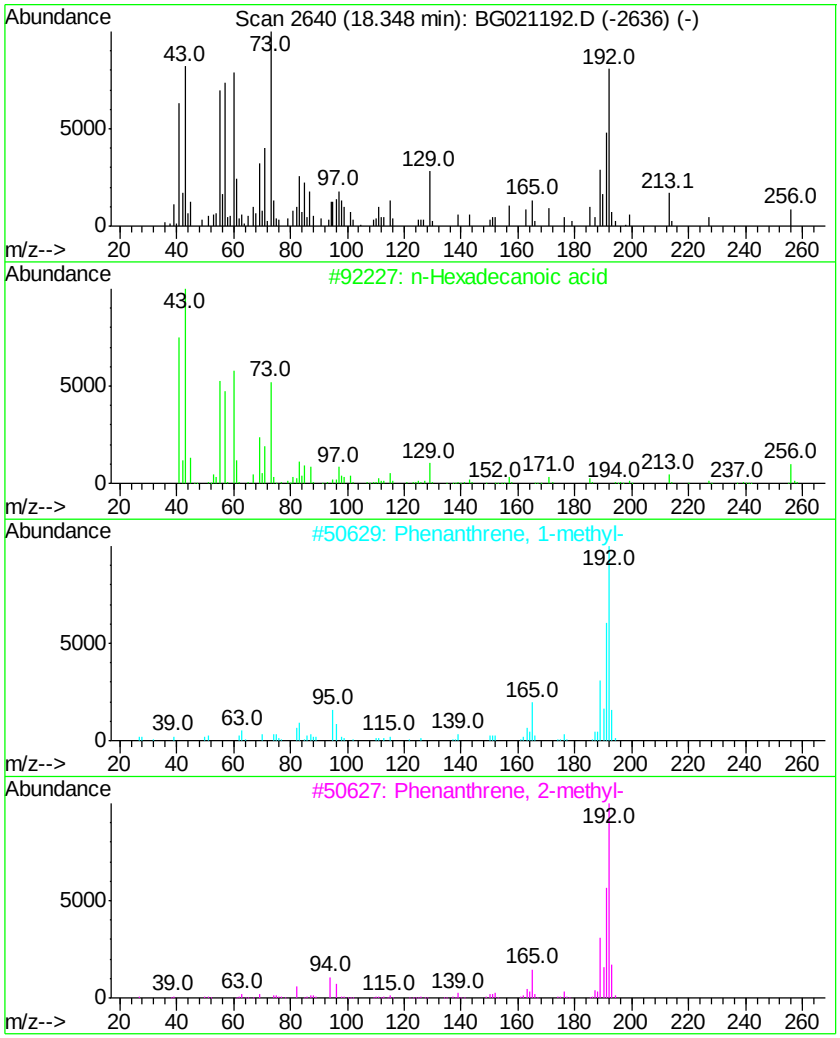
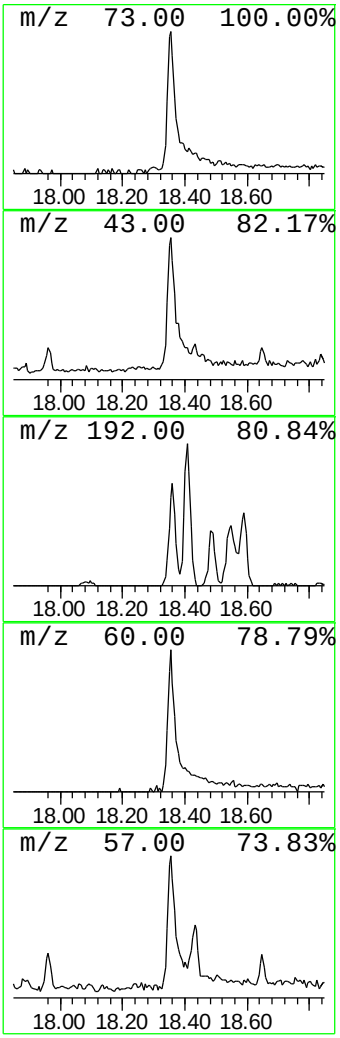
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	14.21 ng	152744	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50





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ClientSampleId : CEB-1(10-12)20160224

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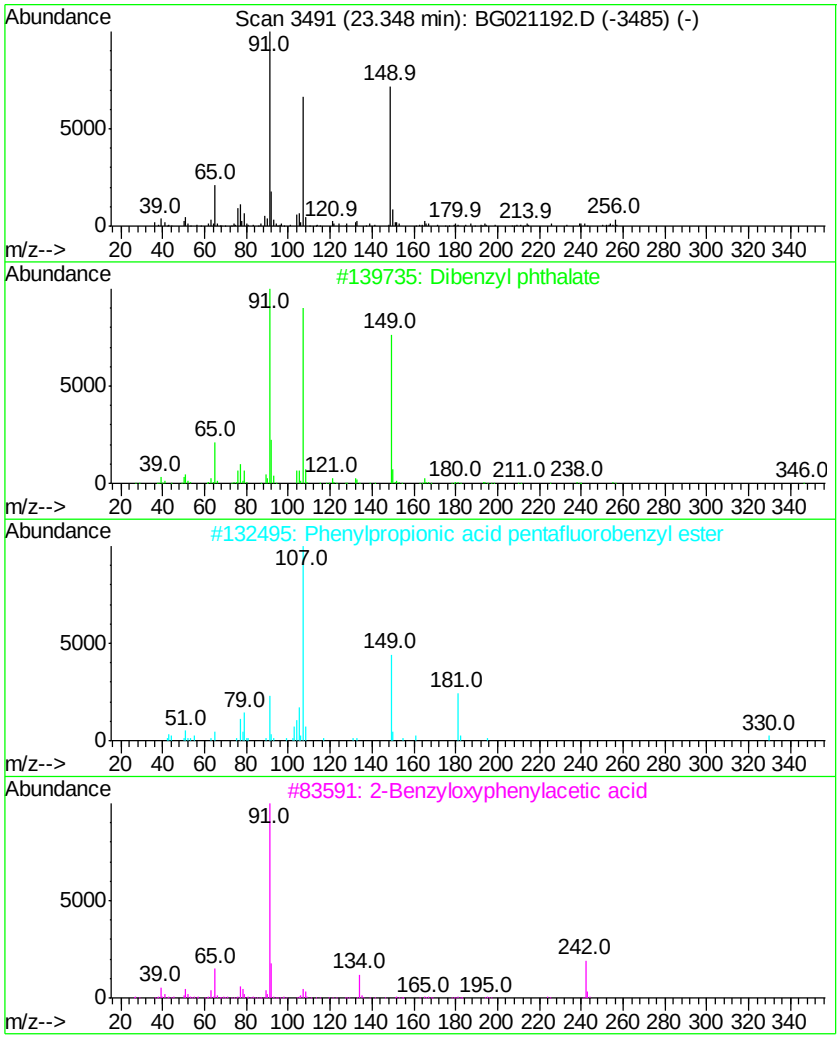
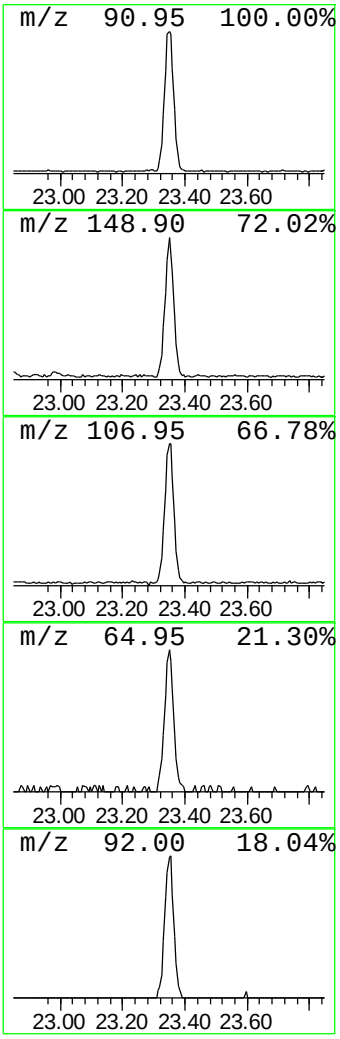
Peak Number 6 Dibenzyl phthalate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	6.35 ng	163338	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzyl phthalate	346	C22H18O4	000523-31-9	90
2	Phenylpropionic acid pentafluoro...	330	C16H11F5O2	062434-95-1	27
3	2-Benzyloxyphenylacetic acid	242	C15H14O3	022047-88-7	25
4	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	25
5	Benzyl alcohol, o-(benzyloxy)-	214	C14H14O2	003381-87-1	22





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
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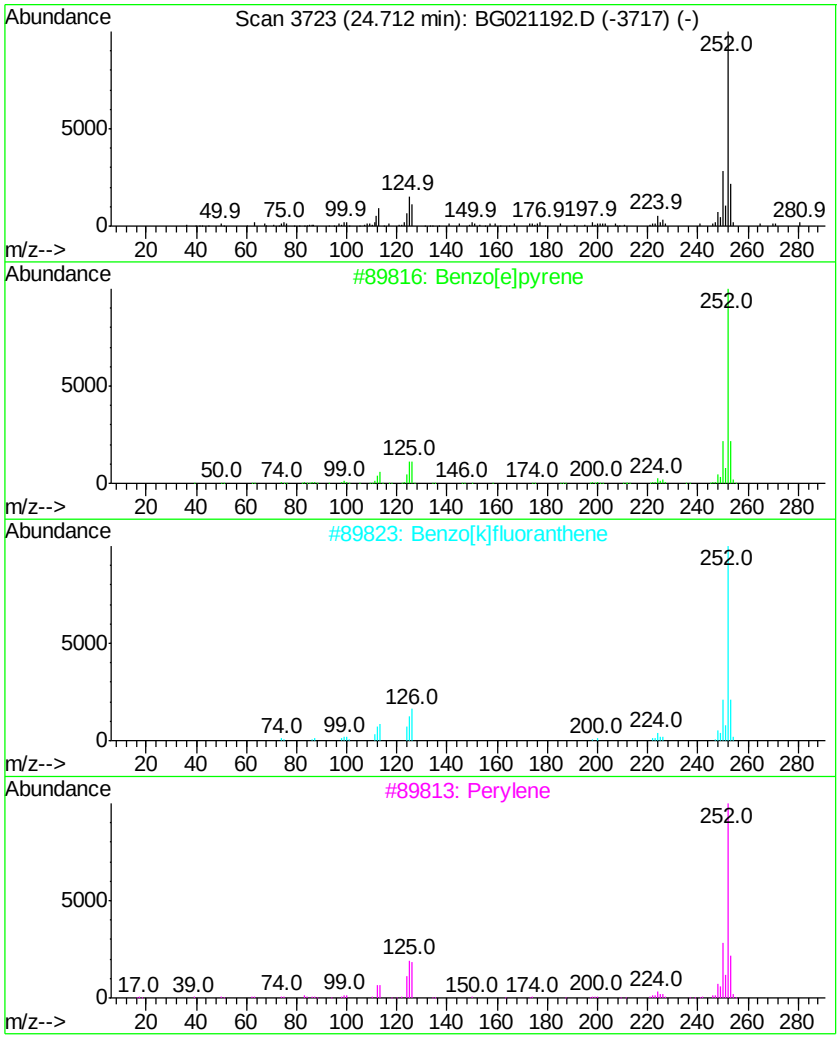
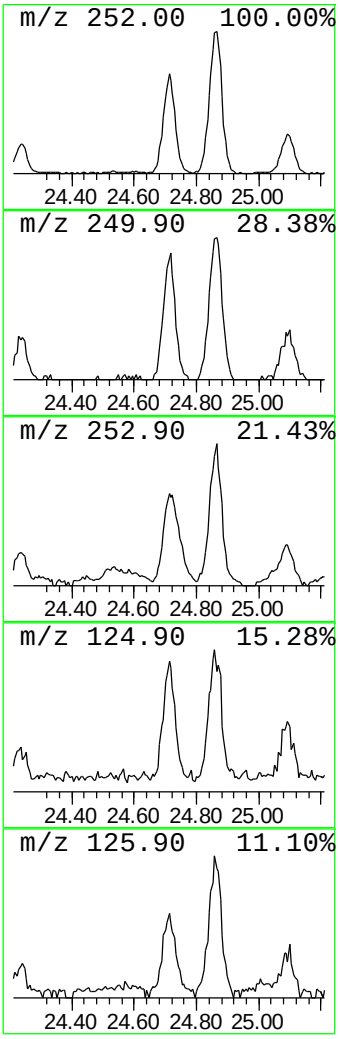
Peak Number 7 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.71	14.88 ng	162611	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	3.06	159.4	ng	2650300	1	8.14	332627	20.0
2-Pentanone, 4-hy...	5.23	9.1	ng	150852	1	8.14	332627	20.0
n-Hexadecanoic acid	18.35	14.2	ng	152744	4	17.49	215030	20.0
Dibenzyl phthalate	23.35	6.3	ng	163338	5	21.76	514408	20.0
Benzo[e]pyrene	24.71	14.9	ng	162611	6	25.02	218586	20.0