LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040715\
Data File : BG016257.D
Acq On : 7 Apr 2015 15:31
Operator : TP/IZ
Sample : G1792-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PE-4

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-BG040615.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	2.794	13	18	27	rBV	141226	212002	7.44%	1.122%
2	2.870	28	31	38	rVB	95005	104068	3.65%	0.551%
3	4.803	354	360	371	rVB	116754	163732	5.75%	0.867%
4	5.273	433	440	452	rBV	977158	1351009	47.44%	7.150%
5	6.865	704	711	727	rBV	1029446	1611155	56.57%	8.527%
6	7.224	763	772	781	rBV	984458	1502904	52.77%	7.954%
7	7.694	845	852	859	rBV	213248	328933	11.55%	1.741%
8	8.011	899	906	913	rBV	670103	1023653	35.94%	5.418%
9	8.851	1041	1049	1057	rBV	565027	914597	32.11%	4.841%
10	10.479	1319	1326	1334	rBV	316702	526891	18.50%	2.789%
11	11.801	1545	1551	1561	rBV	21961	37804	1.33%	0.200%
12	12.958	1741	1748	1756	rBV	1315255	1888885	66.32%	9.997%
13	13.793	1885	1890	1900	rVB	63735	82816	2.91%	0.438%
14	14.339	1976	1983	1991	rVB2	501069	756852	26.57%	4.006%
15	15.696	2208	2214	2220	rBV	94866	121127	4.25%	0.641%
16	15.826	2230	2236	2247	rBV	1053646	1464413	51.42%	7.750%
17	17.077	2443	2449	2455	rBV2	669567	946348	33.23%	5.009%
18	17.976	2596	2602	2613	rBV	104518	166602	5.85%	0.882%
19	19.257	2814	2820	2826	rBV2	36006	56430	1.98%	0.299%
20	19.703	2891	2896	2907	rVB	2255663	2848007	100.00%	15.073%
21	20.967	3106	3111	3122	rBV	357538	464715	16.32%	2.460%
22	21.254	3154	3160	3171	rBV	841970	1061513	37.27%	5.618%
23	21.854	3256	3262	3266	rBV6	15563	35894	1.26%	0.190%
24	22.430	3355	3360	3368	rVB	43820	62167	2.18%	0.329%
25	23.387	3517	3523	3529	rBV9	13010	28611	1.00%	0.151%
26	23.499	3534	3542	3555	rVV2	506713	996496	34.99%	5.274%
27	24.116	3641	3647	3660	rBV7	20948	57625	2.02%	0.305%
28	24.938	3777	3787	3800	rVB8	18457	79419	2.79%	0.420%

Sum of corrected areas: 18894668

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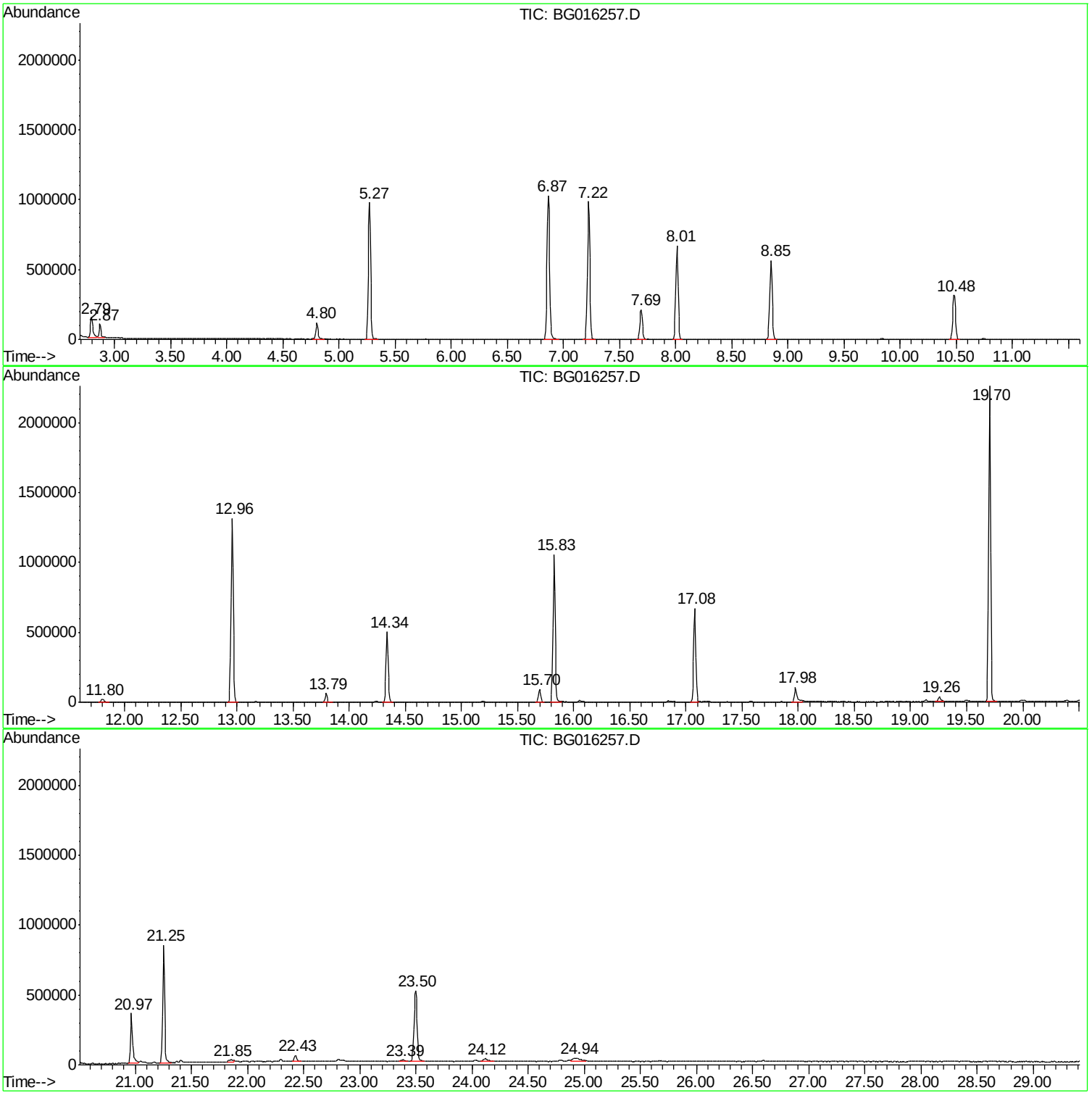
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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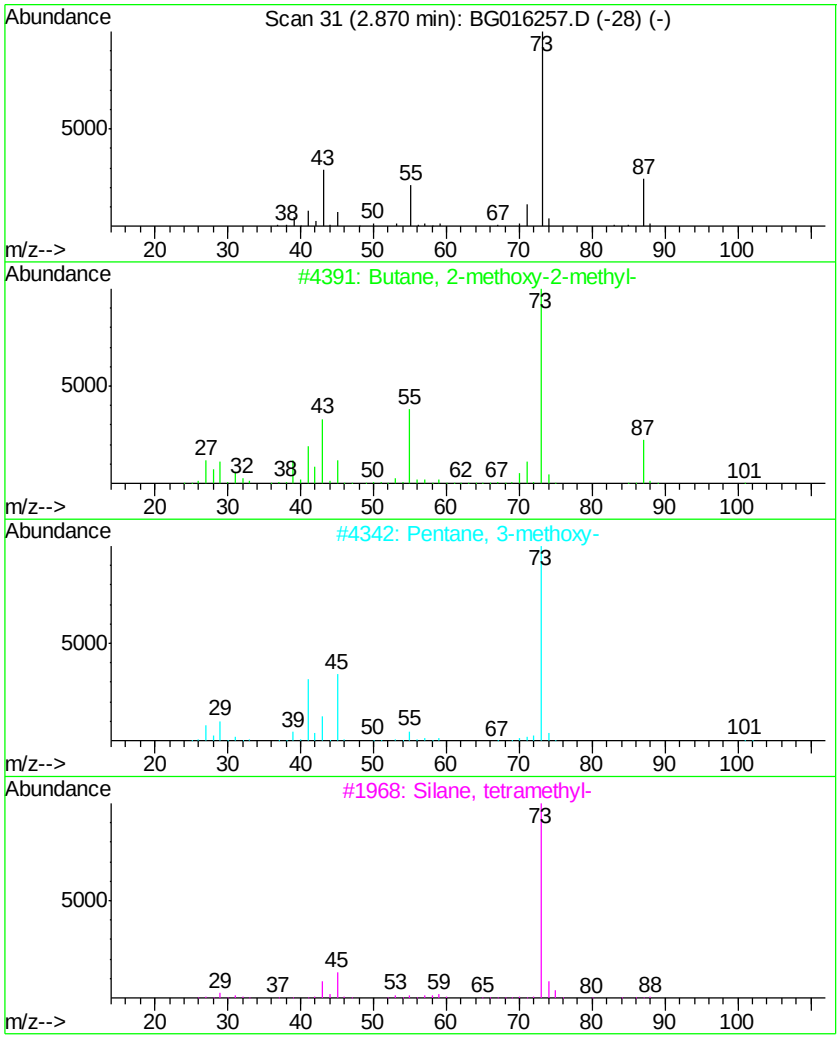
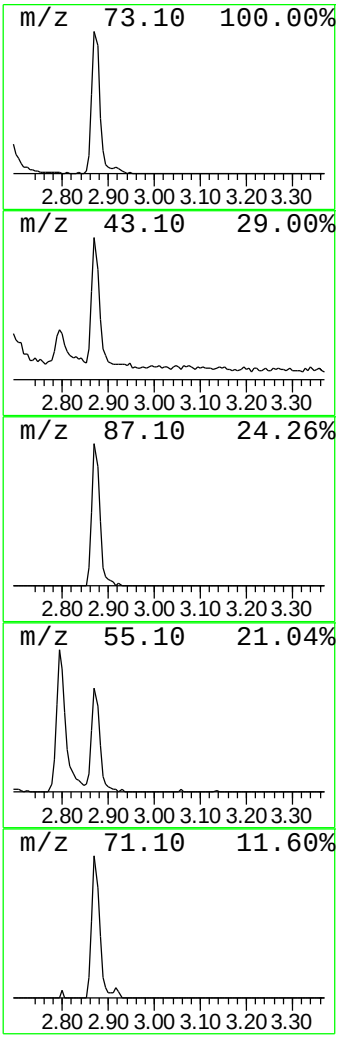
Peak Number 2 unknown2.87 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	6.33 ng	104068	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7





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Instrument : BNA_G
ClientSampleId : PE-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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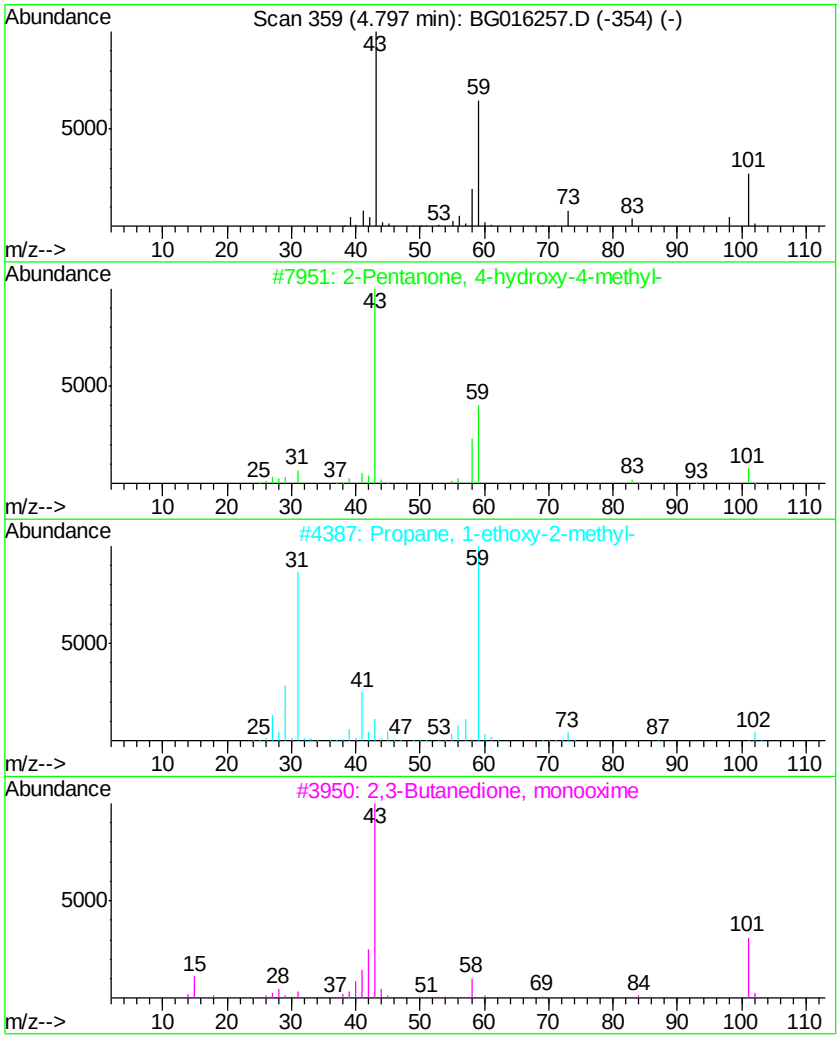
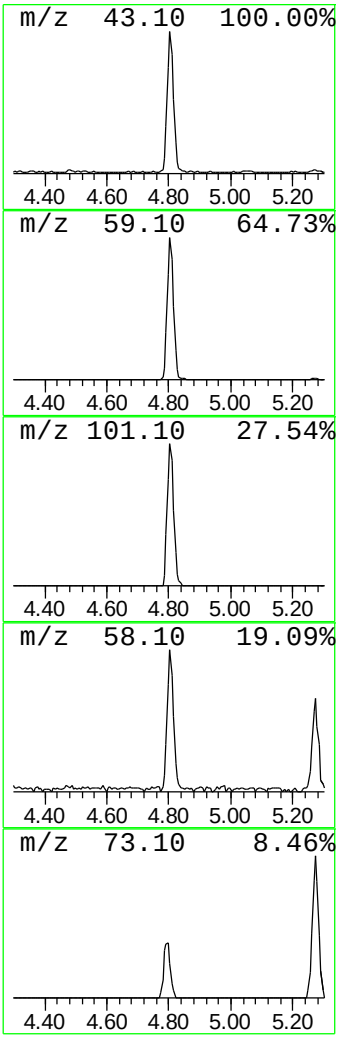
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	9.96 ng	163732	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	23
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17





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Sample : G1792-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PE-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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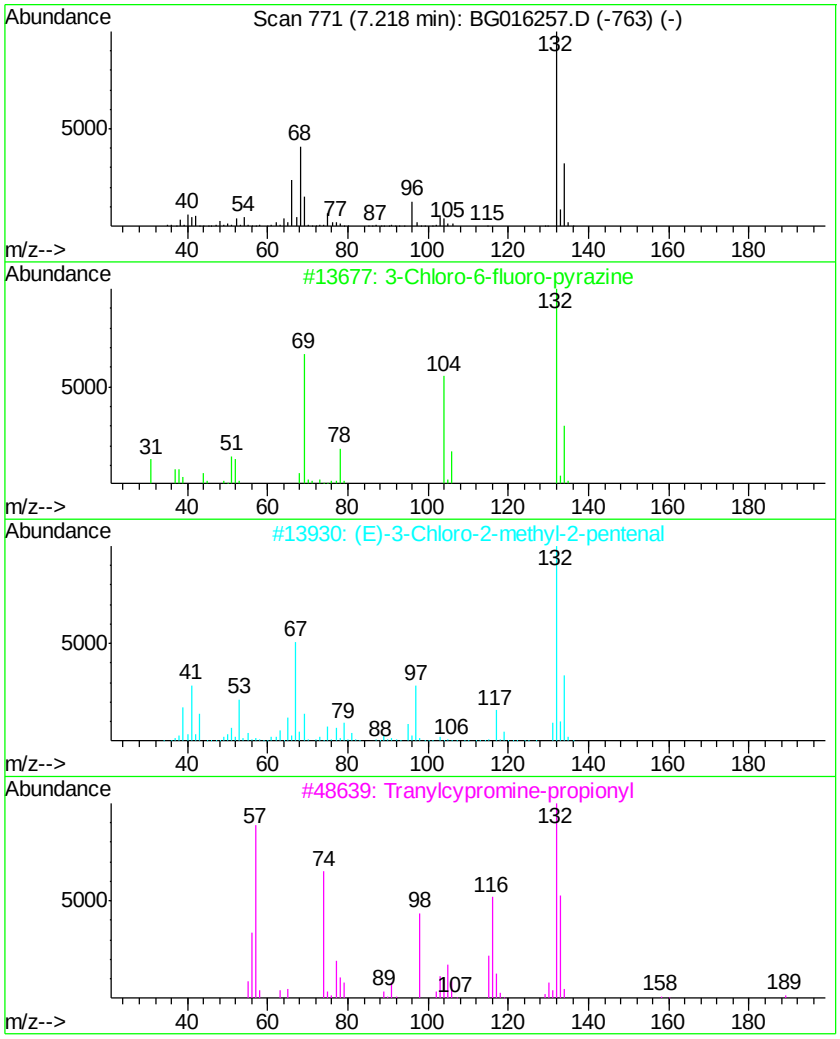
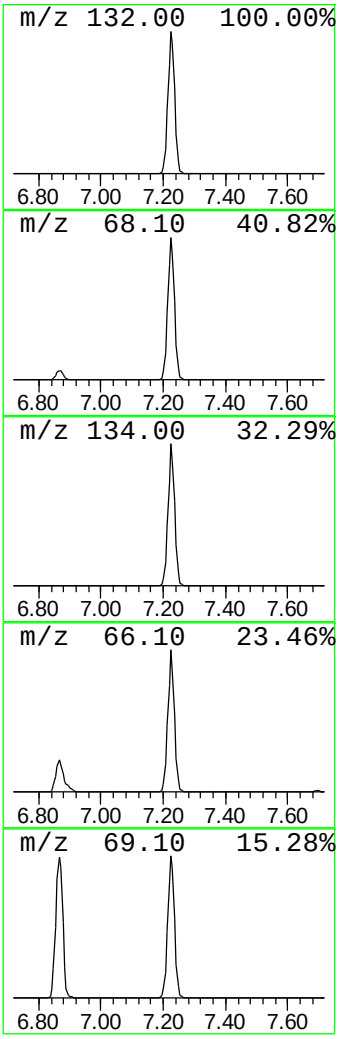
Peak Number 4 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	91.38 ng	1502900	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	30
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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ClientSampleId : PE-4

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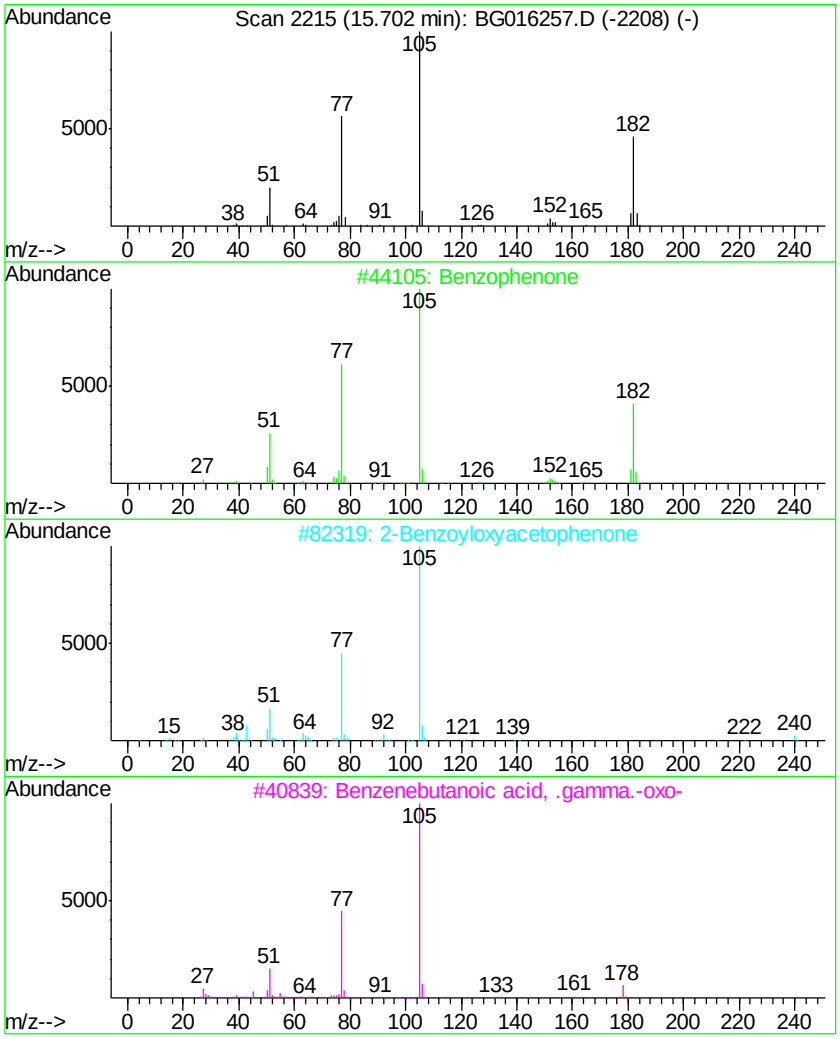
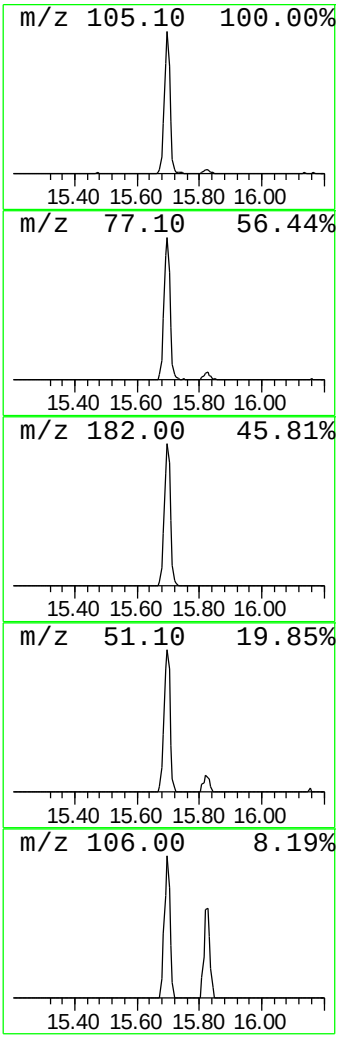
Peak Number 6 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	3.20 ng	121127	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	2-Benzoyloxyacetophenone	240	C15H12O3	004010-33-7	43
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	43
4	Vinyl benzoate	148	C9H8O2	000769-78-8	43
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	43





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PE-4

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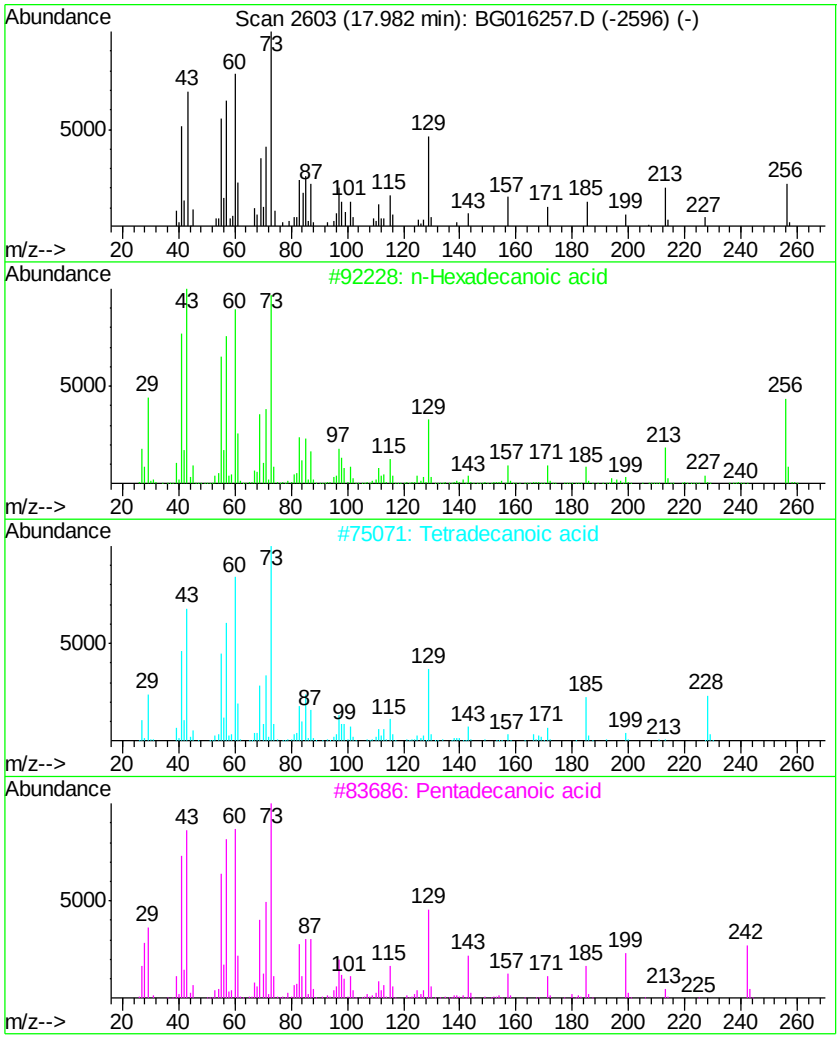
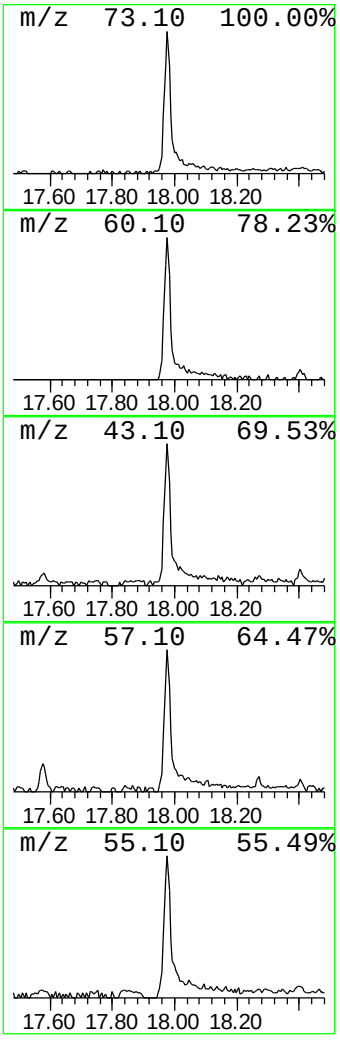
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	3.52 ng	166602	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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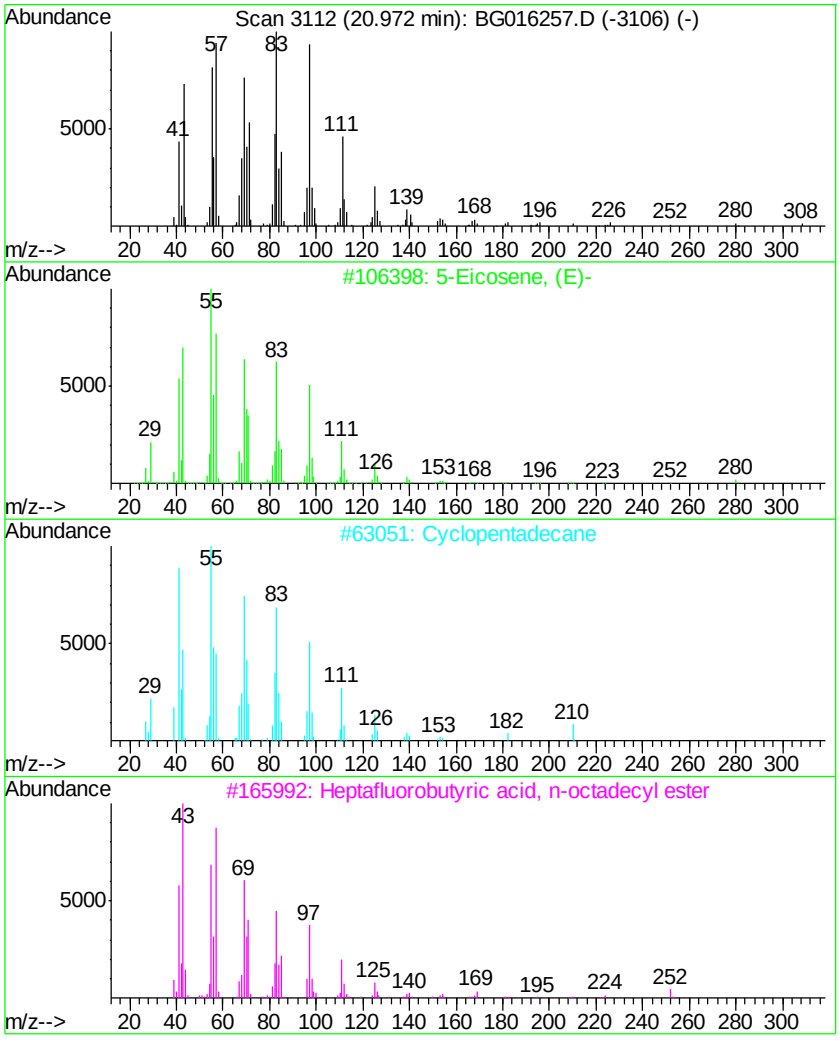
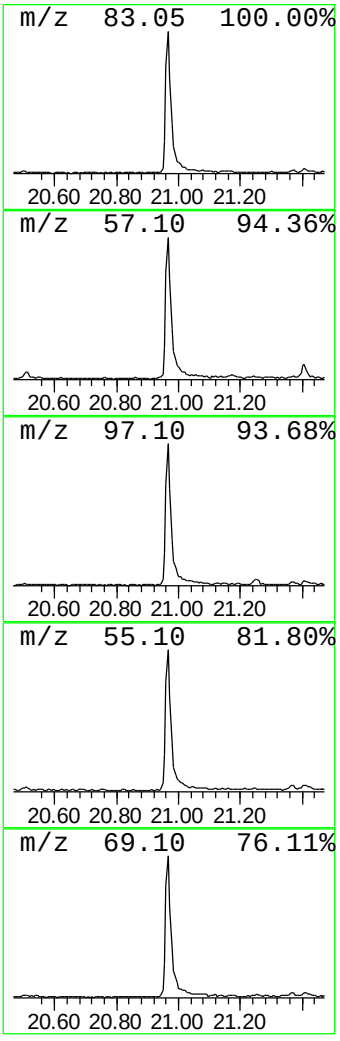
Peak Number 8 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	8.76 ng	464715	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	1-Heptadecanol	256	C17H36O	001454-85-9	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.87	2.87	6.3	ng	104068	1	7.69	328933	20.0
2-Pentanone, 4-hy...	4.80	10.0	ng	163732	1	7.69	328933	20.0
unknown7.22	7.22	91.4	ng	1502900	1	7.69	328933	20.0
Benzophenone	15.70	3.2	ng	121127	3	14.33	756852	20.0
n-Hexadecanoic acid	17.98	3.5	ng	166602	4	17.08	946348	20.0
5-Eicosene, (E)-	20.97	8.8	ng	464715	5	21.25	1061510	20.0