LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
Data File : BG033045.D
Acq On : 8 Mar 2018 17:53
Operator : SJ/JU
Sample : J1828-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Concrete-Structure

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-BG022118.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	3.351	6	11	18	rVB	32150	57449	2.44%	0.378%
2	3.516	32	39	50	rBV3	43764	120253	5.10%	0.791%
3	3.610	50	55	68	rVB	62340	118950	5.04%	0.783%
4	5.155	312	318	329	rBV	92790	156513	6.64%	1.030%
5	5.819	424	431	441	rBV	113969	192477	8.16%	1.267%
6	6.324	510	517	536	rVB	637752	1133668	48.06%	7.460%
7	8.004	795	803	816	rBV	682151	1294069	54.86%	8.516%
8	8.421	867	874	889	rVB	681859	1224982	51.93%	8.061%
9	8.915	950	958	967	rVB	179186	330592	14.02%	2.175%
10	9.249	1007	1015	1024	rBV	516869	957248	40.58%	6.299%
11	10.107	1153	1161	1173	rBV	413440	787579	33.39%	5.183%
12	11.799	1440	1449	1458	rBV	259683	481927	20.43%	3.171%
13	14.155	1842	1850	1857	rBV	1147791	1774526	75.23%	11.677%
14	14.942	1976	1984	1989	rBV	76437	113481	4.81%	0.747%
15	15.353	2050	2054	2062	rVB	27757	36599	1.55%	0.241%
16	15.523	2077	2083	2093	rVB2	381033	636265	26.98%	4.187%
17	16.293	2209	2214	2219	rVB	36017	43576	1.85%	0.287%
18	16.992	2327	2333	2343	rBV	687339	1082692	45.90%	7.125%
19	17.150	2355	2360	2370	rVB	30783	51071	2.17%	0.336%
20	18.255	2541	2548	2554	rBV	487583	745515	31.61%	4.906%
21	20.769	2970	2976	2988	rBV	1722499	2358721	100.00%	15.522%
22	22.132	3202	3208	3215	rBV7	18532	47101	2.00%	0.310%
23	22.608	3282	3289	3304	rBV2	389295	746611	31.65%	4.913%
24	26.414	3923	3937	3960	rBV	183433	704289	29.86%	4.635%

Sum of corrected areas: 15196154

LSC Report - Integrated Chromatogram

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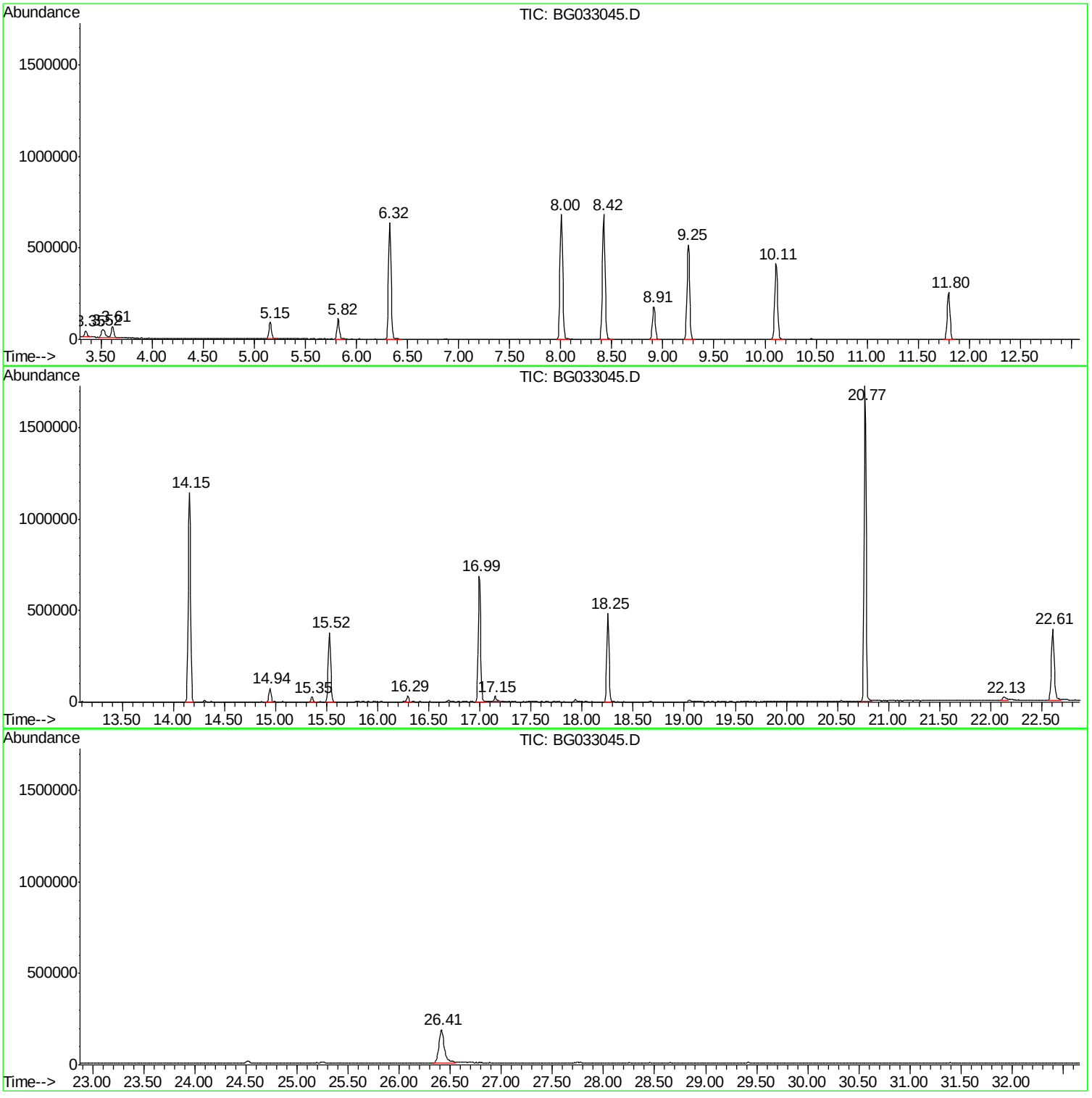
Sample : J1828-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Concrete-Structure

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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:\HPCHEM1\BNA G\DATA\BG030818\
Data File : BG033045.D
Acq On : 8 Mar 2018 17:53
Operator : SJ/JU
Sample : J1828-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Concrete-Structure

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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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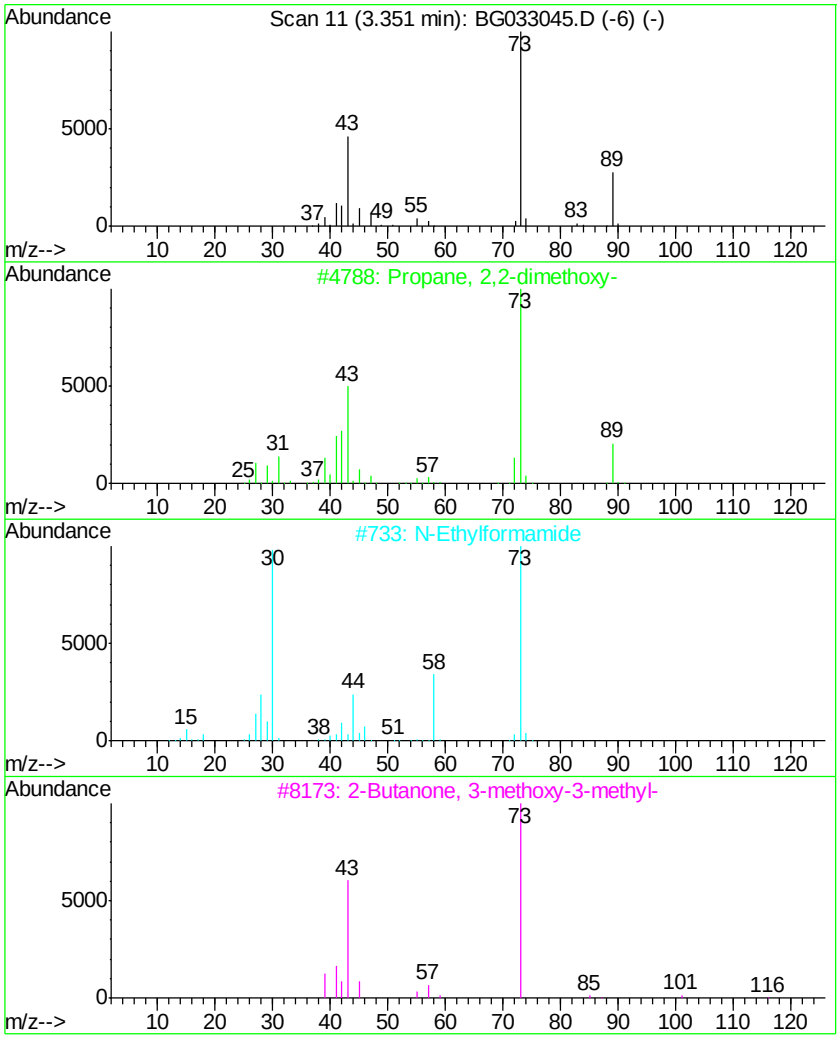
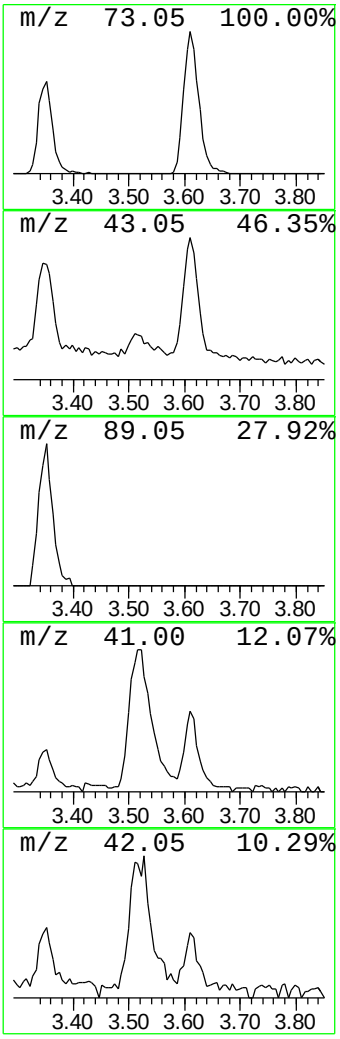
Peak Number 1 unknown3.35 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	3.48 ng	57449	1,4-Dichlorobenzene-d4	8.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	33
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	.beta.-Alanine	89	C3H7NO2	000107-95-9	5





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Operator : SJ/JU
Sample : J1828-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Concrete-Structure

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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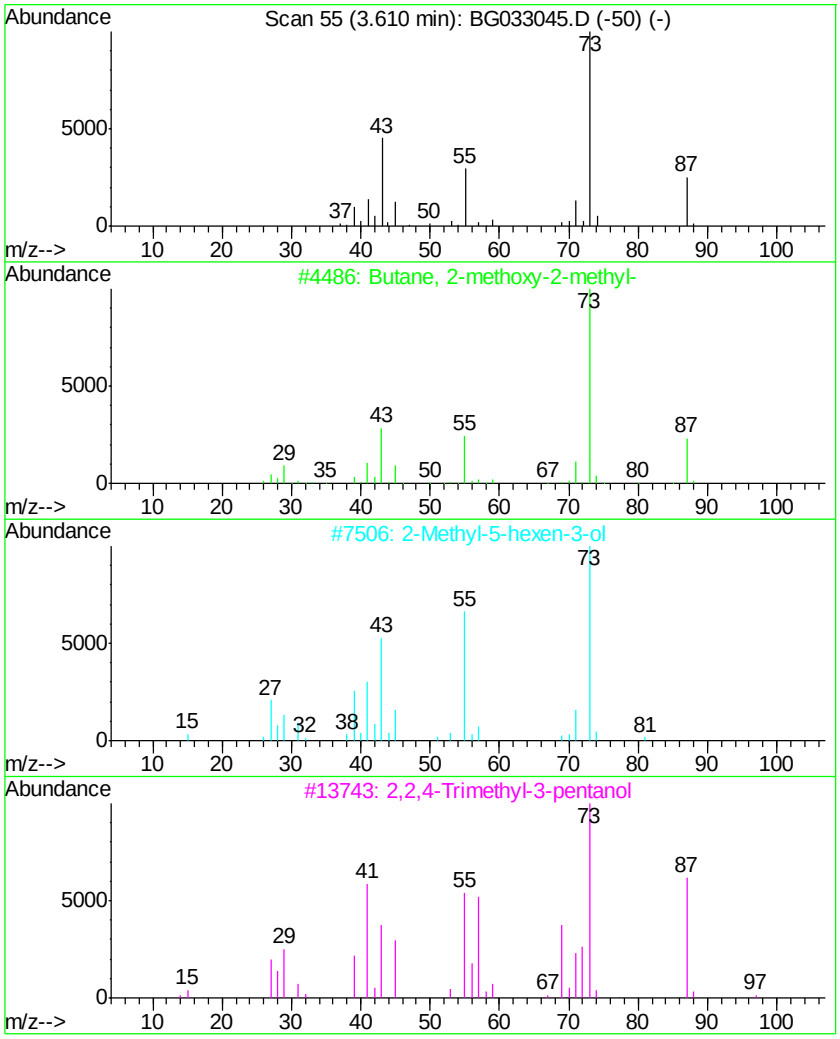
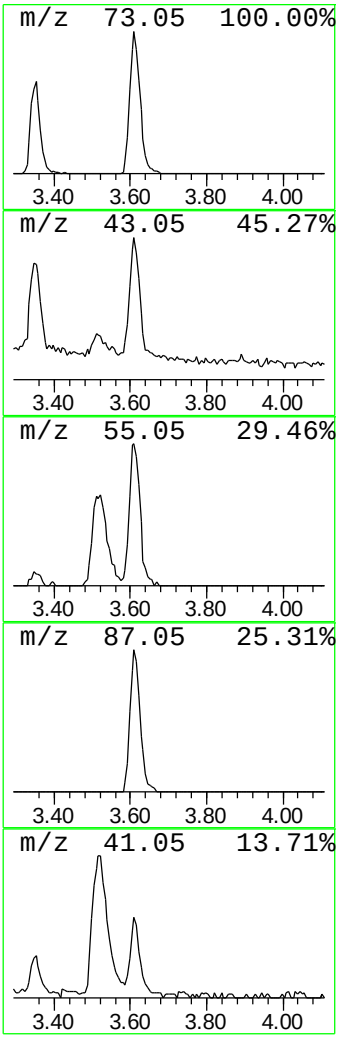
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	7.20 ng	118950	1,4-Dichlorobenzene-d4	8.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	47
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Data File : BG033045.D
Acq On : 8 Mar 2018 17:53
Operator : SJ/JU
Sample : J1828-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Concrete-Structure

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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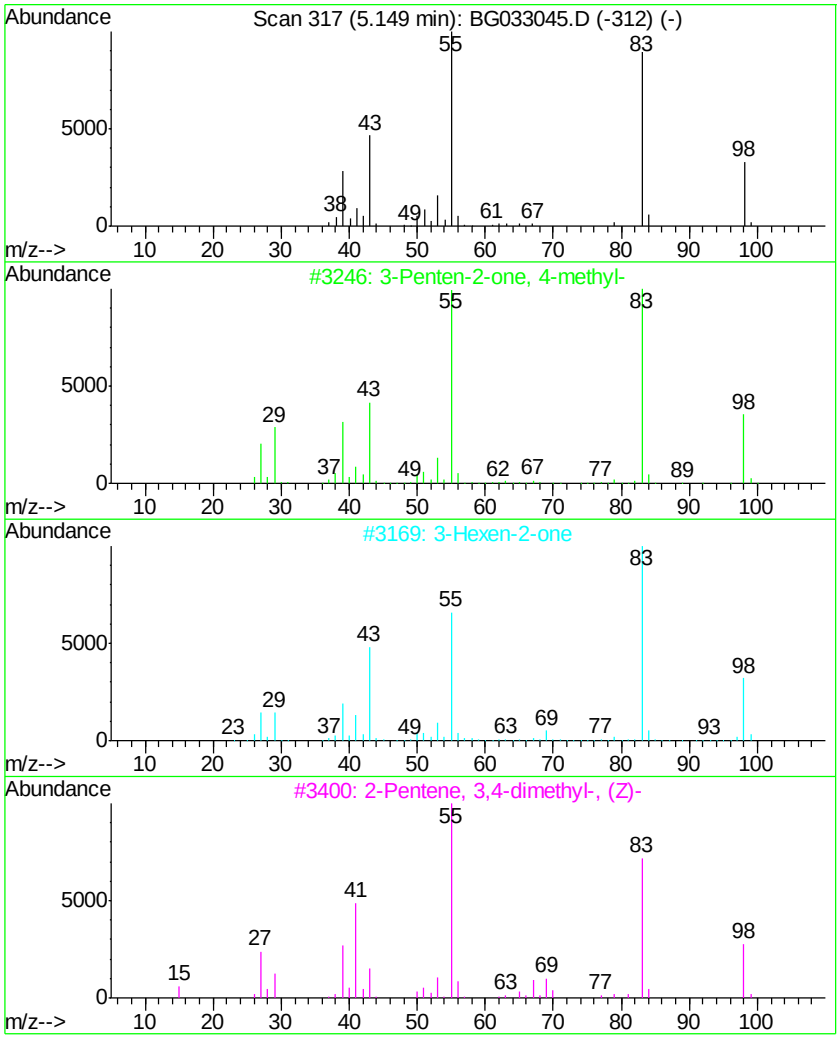
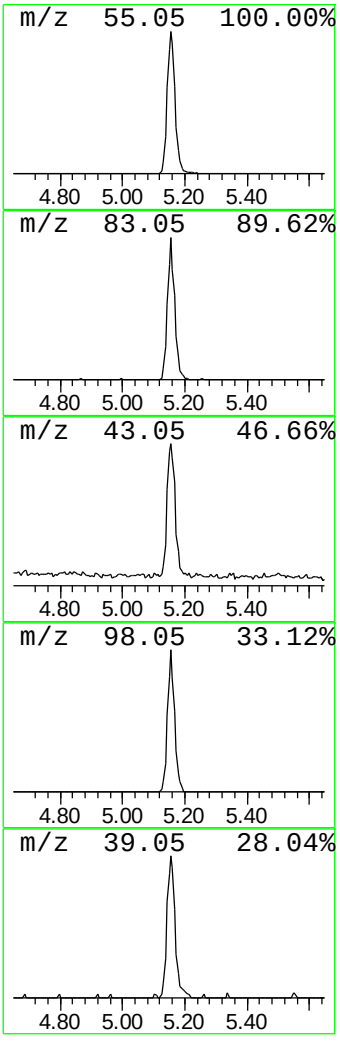
Peak Number 4 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	9.47 ng	156513	1,4-Dichlorobenzene-d4	8.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	86
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	72





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Operator : SJ/JU
Sample : J1828-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Concrete-Structure

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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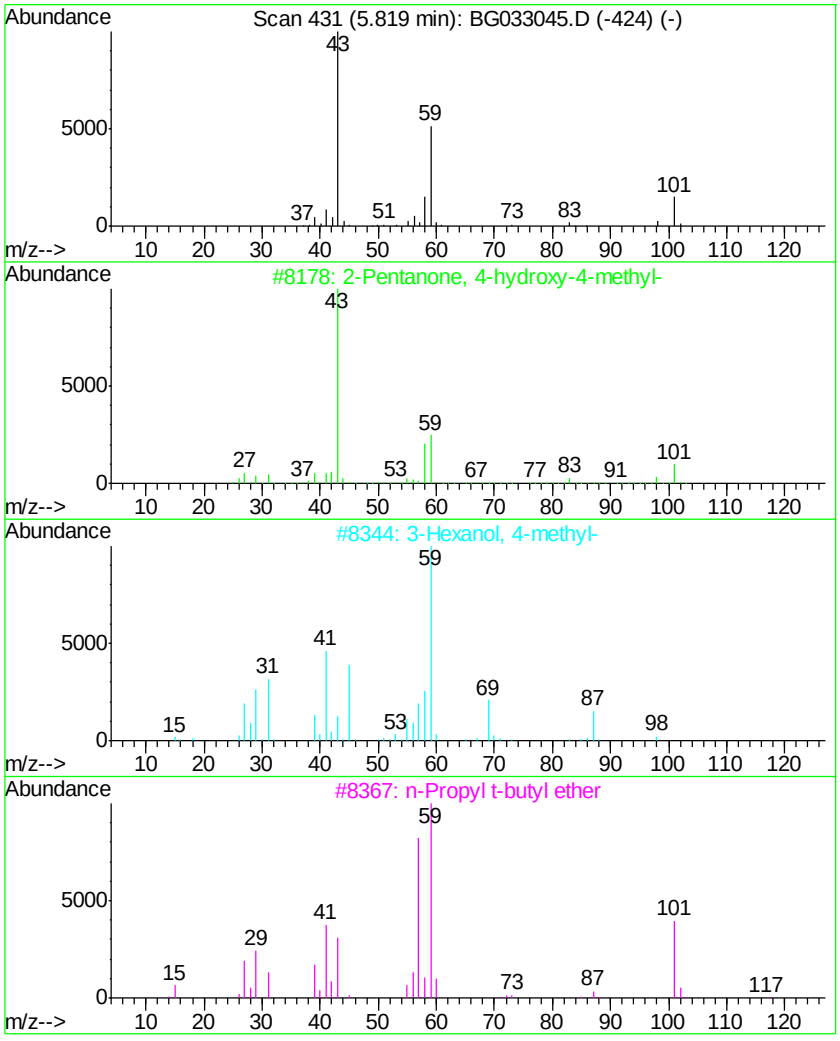
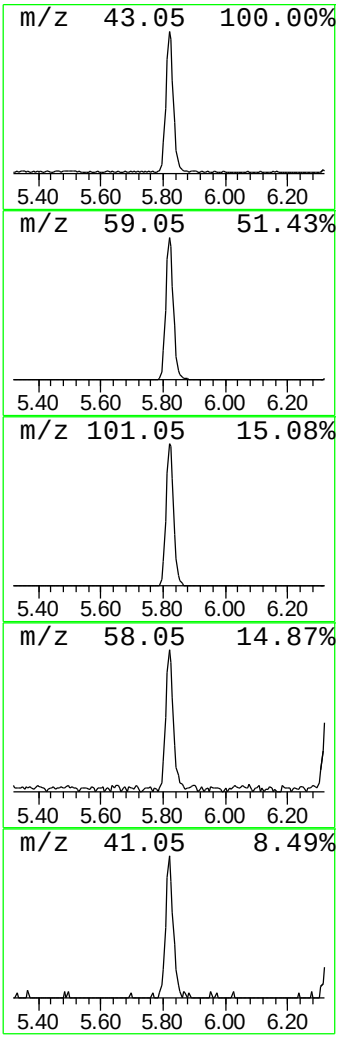
****
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	11.64 ng	192477	1,4-Dichlorobenzene-d4	8.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23





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Operator : SJ/JU
Sample : J1828-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Concrete-Structure

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
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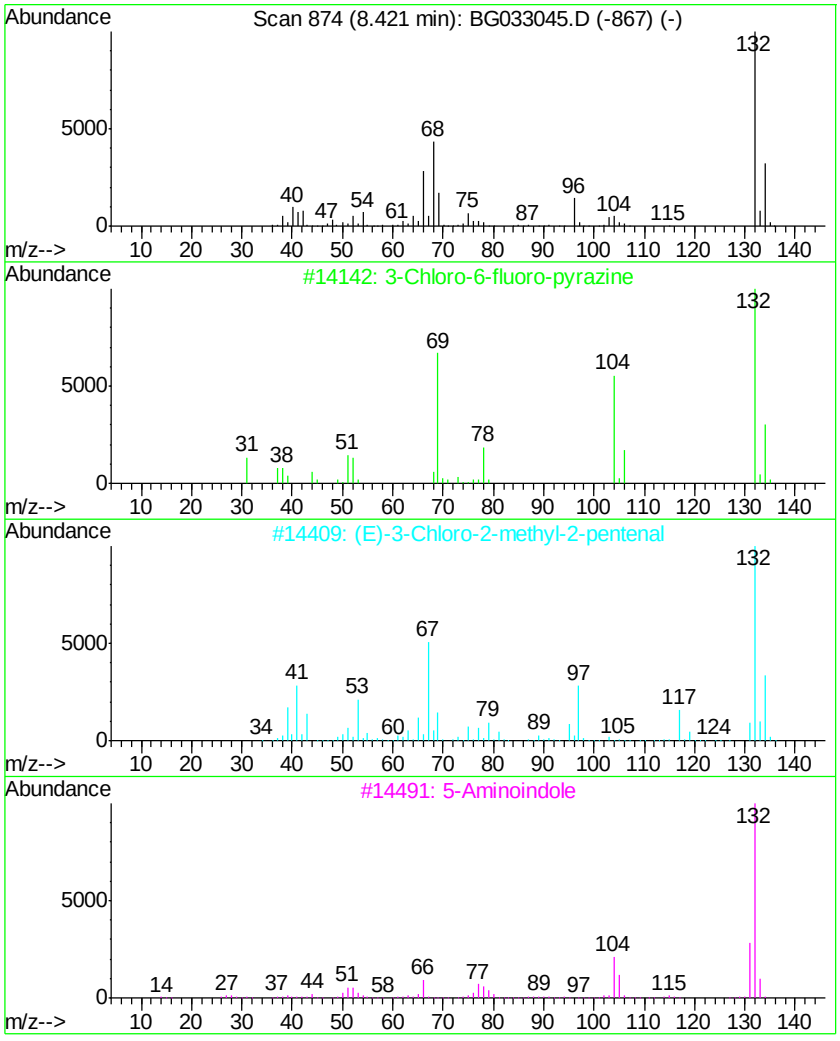
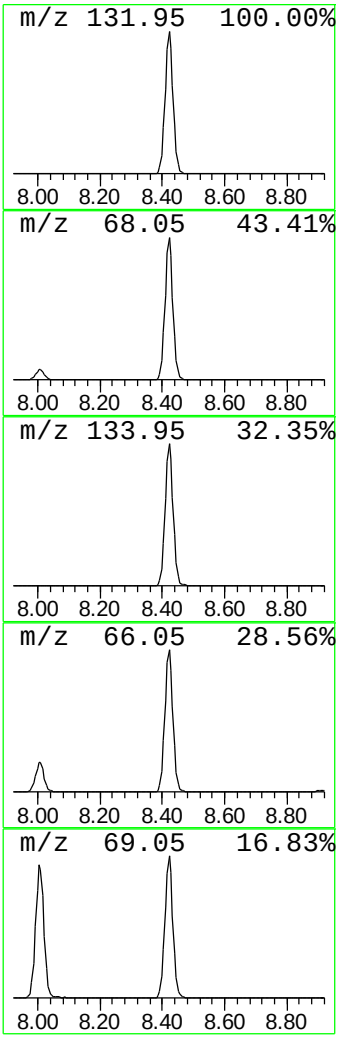
****

Peak Number 6 unknown8.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	74.11 ng	1224980	1,4-Dichlorobenzene-d4	8.91

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	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.35	3.35	3.5	ng	57449	1	8.91	330592	20.0
Butane, 2-methoxy...	3.61	7.2	ng	118950	1	8.91	330592	20.0
3-Penten-2-one, 4...	5.15	9.5	ng	156513	1	8.91	330592	20.0
2-Pentanone, 4-hy...	5.82	11.6	ng	192477	1	8.91	330592	20.0
unknown8.42	8.42	74.1	ng	1224980	1	8.91	330592	20.0