LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043474.D
Acq On : 1 Nov 2019 20:32
Operator : JU
Sample : K5138-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-103019

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-BG102119.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	3.182	11	16	27	rVB2	97862	174166	6.39%	1.066%
2	5.115	340	345	361	rVB	116897	193656	7.11%	1.185%
3	5.603	420	428	441	rBV	585445	1043299	38.28%	6.383%
4	7.195	690	699	712	rBV	622419	1187805	43.58%	7.268%
5	7.554	752	760	771	rBV	678671	1197074	43.92%	7.324%
6	8.012	828	838	853	rBV	166487	289588	10.63%	1.772%
7	8.335	886	893	903	rBV	494157	882616	32.39%	5.400%
8	9.175	1027	1036	1052	rBV	350258	694920	25.50%	4.252%
9	10.821	1306	1316	1328	rBV	188087	385438	14.14%	2.358%
10	13.265	1724	1732	1749	rBV	1066983	1768507	64.89%	10.821%
11	14.087	1865	1872	1886	rBV	95116	179810	6.60%	1.100%
12	14.640	1955	1966	1977	rBV	349942	586447	21.52%	3.588%
13	16.132	2212	2220	2232	rBV	893637	1539066	56.47%	9.417%
14	17.389	2427	2434	2439	rBV	418420	688555	25.27%	4.213%
15	17.501	2449	2453	2461	rVB4	32392	57290	2.10%	0.351%
16	18.277	2579	2585	2588	rBV4	39419	62397	2.29%	0.382%
17	19.181	2734	2739	2742	rBV7	34403	51652	1.90%	0.316%
18	19.217	2742	2745	2749	rVB5	24025	32036	1.18%	0.196%
19	19.440	2778	2783	2791	rVB	57300	91530	3.36%	0.560%
20	19.798	2840	2844	2852	rVB	65744	104832	3.85%	0.641%
21	19.998	2871	2878	2891	rBV	1992530	2725309	100.00%	16.675%
22	20.292	2921	2928	2933	rVB6	30441	51538	1.89%	0.315%
23	20.791	3010	3013	3019	rVB3	26786	32315	1.19%	0.198%
24	21.291	3094	3098	3103	rBV	75517	115991	4.26%	0.710%
25	21.649	3152	3159	3166	rBV	474897	894930	32.84%	5.476%
26	21.837	3187	3191	3197	rBV5	39202	63135	2.32%	0.386%
27	22.442	3290	3294	3300	rVB5	34787	53990	1.98%	0.330%
28	23.118	3405	3409	3419	rVB4	37920	80921	2.97%	0.495%
29	23.312	3438	3442	3450	rVB4	47122	84818	3.11%	0.519%
30	23.911	3542	3544	3551	rVB5	37014	70379	2.58%	0.431%
31	24.845	3693	3703	3714	rBV3	318259	959809	35.22%	5.873%

Sum of corrected areas: 16343819

LSC Report - Integrated Chromatogram

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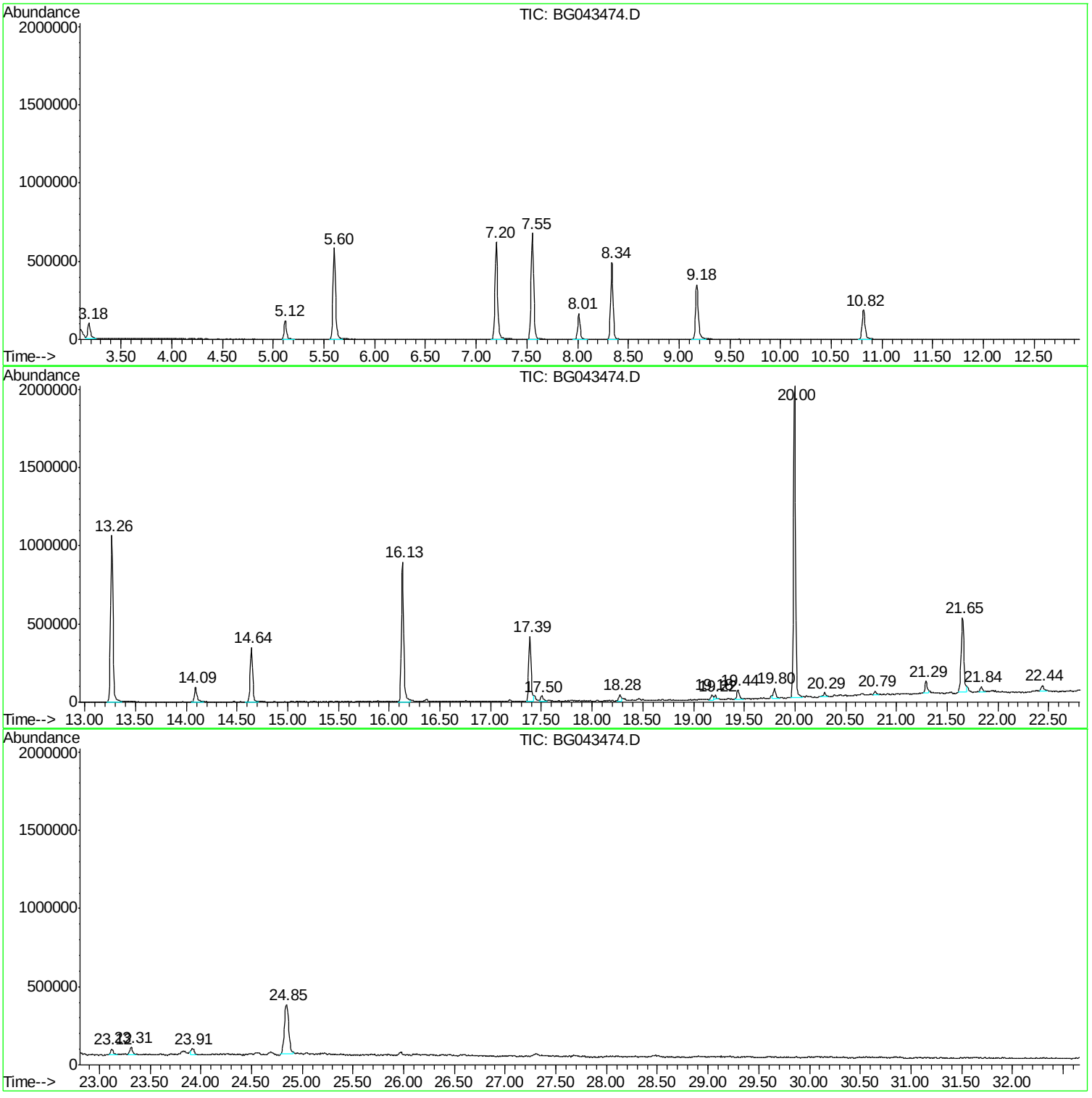
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-103019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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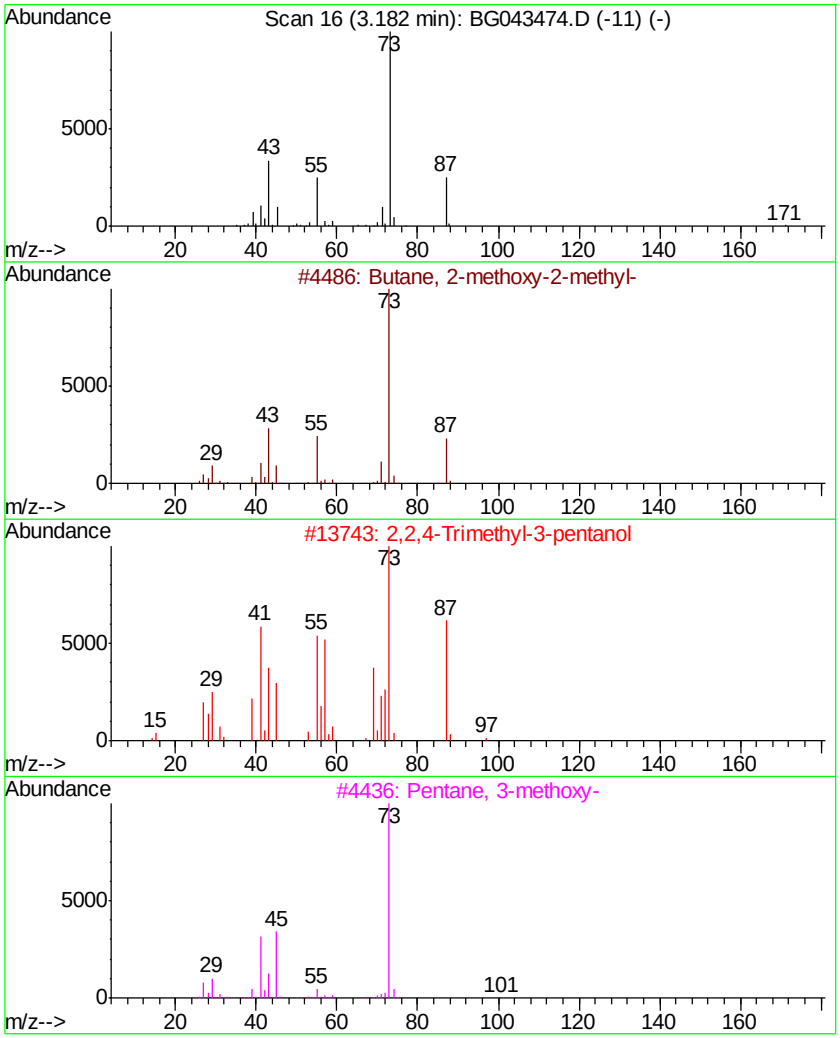
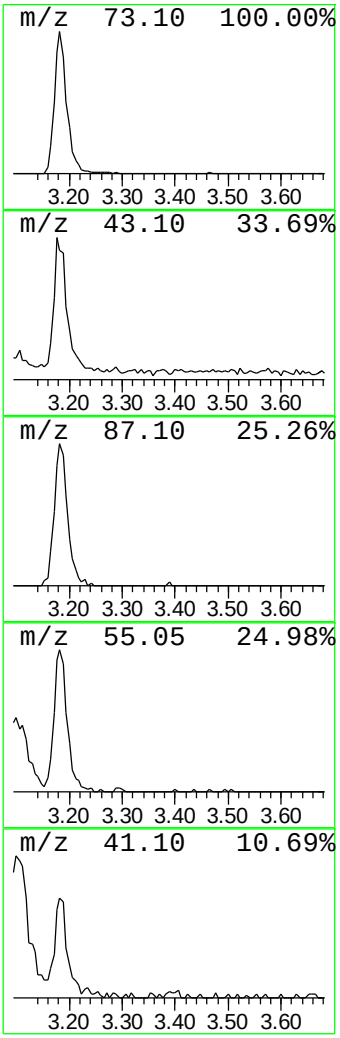
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	12.03 ng	174166	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	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

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Data File : BG043474.D
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Operator : JU
Sample : K5138-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-103019

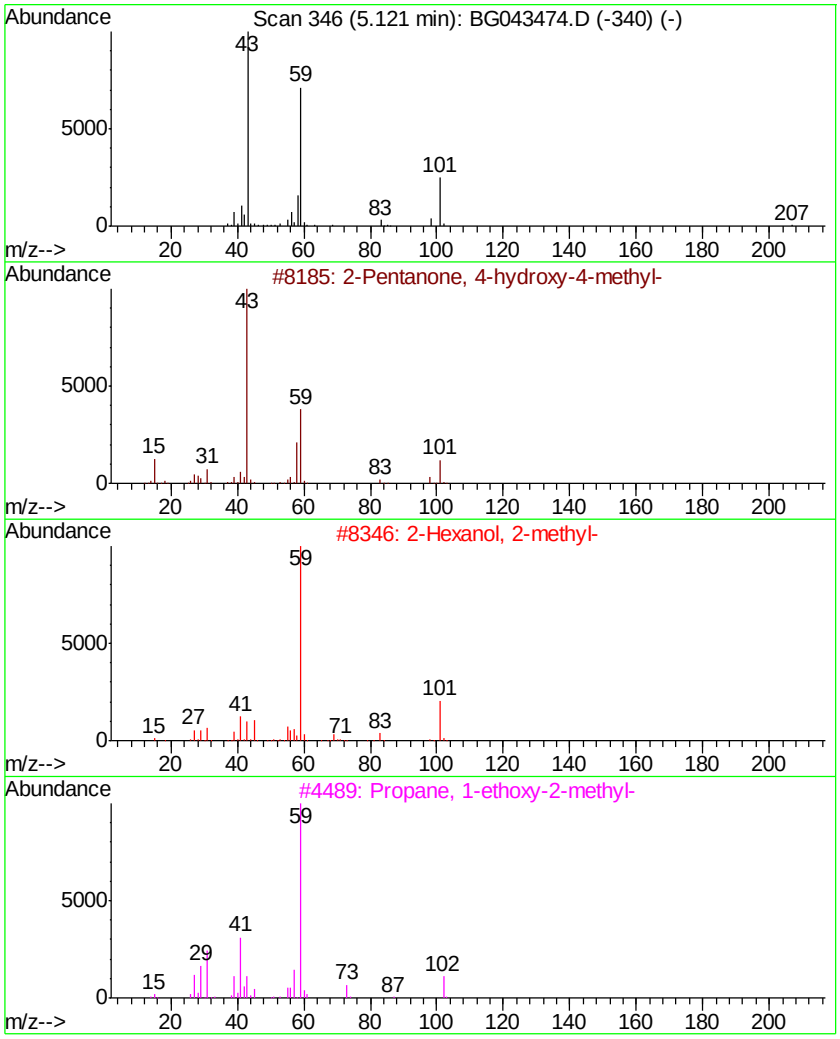
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

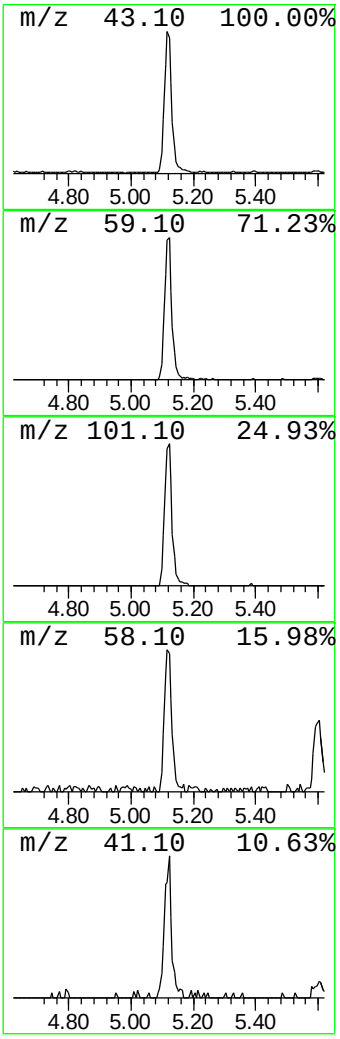
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	13.37 ng	193656	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	42
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	17





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Instrument : BNA_G
ClientSampleId : AU-05-103019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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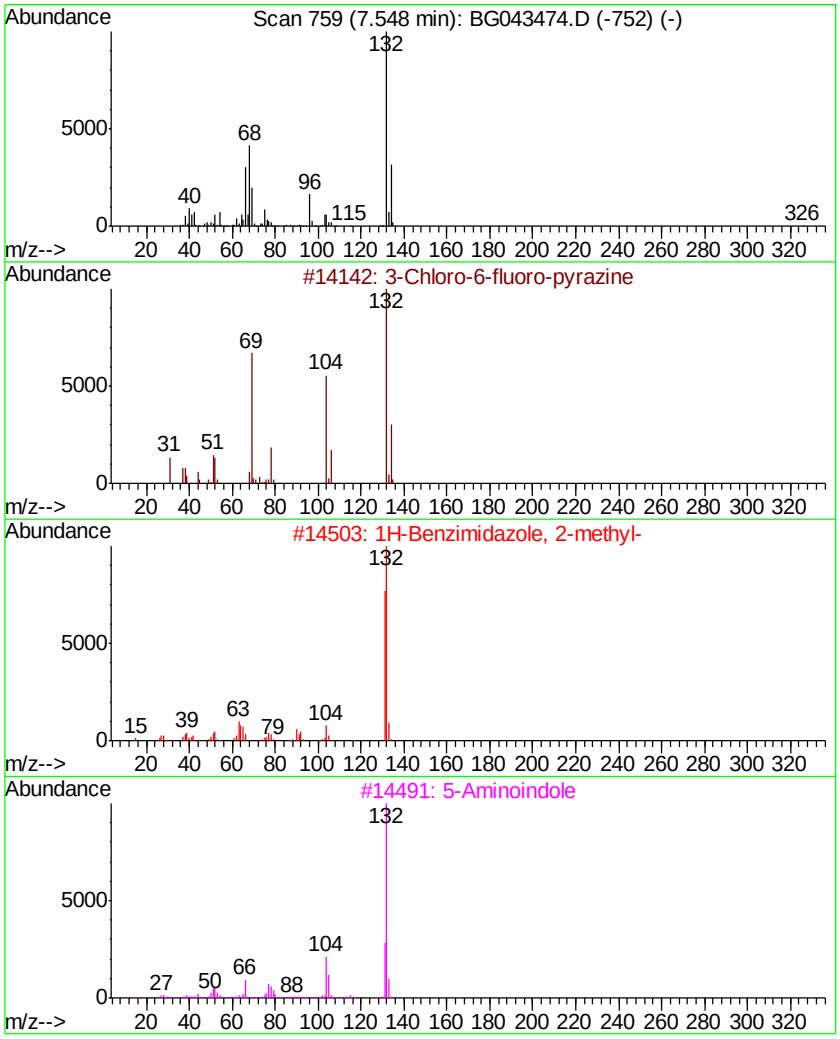
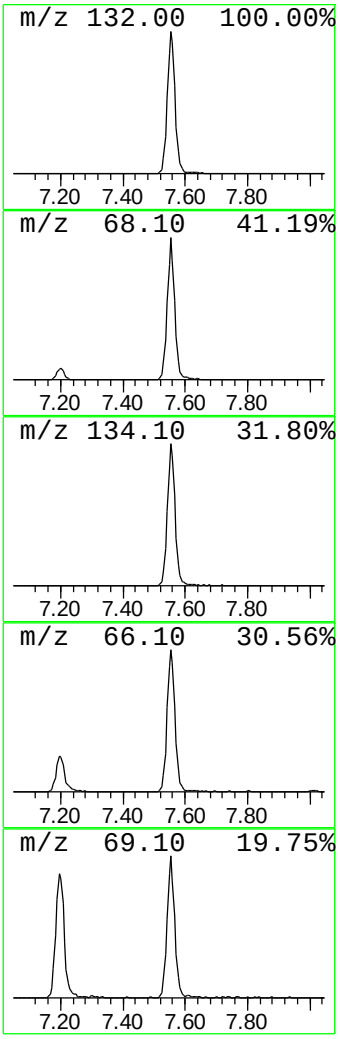
****

Peak Number 3 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	82.67 ng	1197070	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	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
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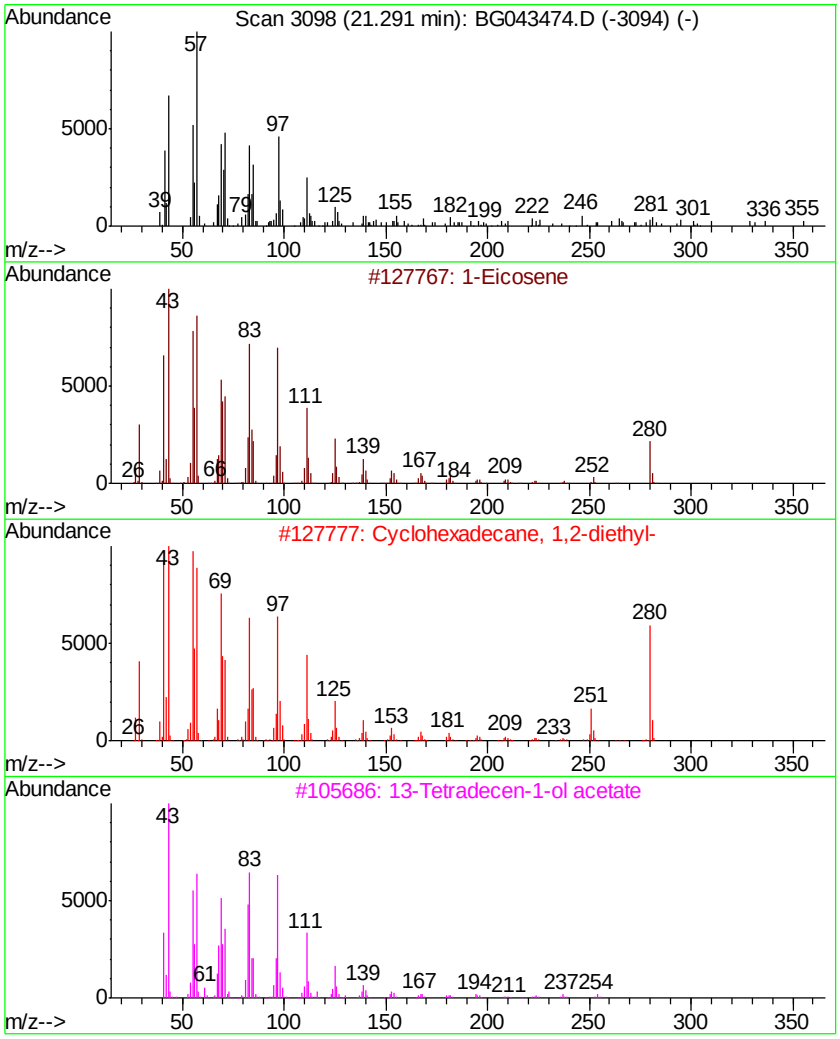
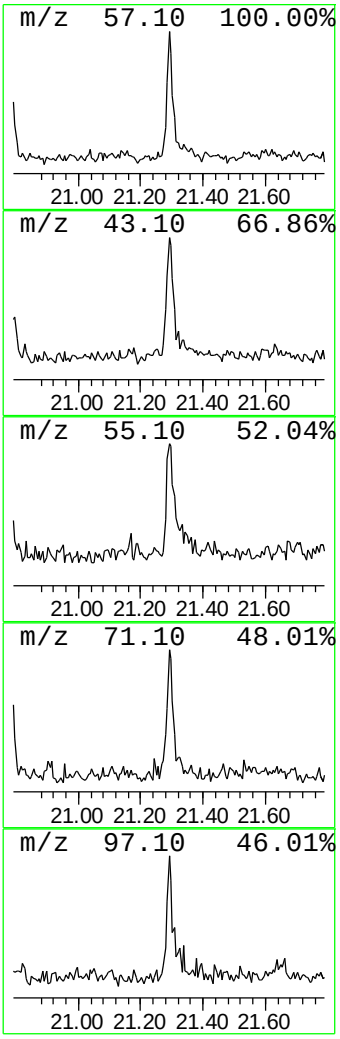
****

Peak Number 5 1-Eicosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.59 ng	115991	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	97
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	86
4	Cyclohexadecane	224	C16H32	000295-65-8	83
5	Cycloeicosane	280	C20H40	000296-56-0	83





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
Butane, 2-methoxy...	3.18	12.0	ng	174166	1	8.01	289588	20.0
2-Pentanone, 4-hy...	5.12	13.4	ng	193656	1	8.01	289588	20.0
unknown7.55	7.55	82.7	ng	1197070	1	8.01	289588	20.0
1-Eicosene	21.29	2.6	ng	115991	5	21.65	894930	20.0