LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044045.D
Acq On : 14 Jan 2020 20:44
Operator : JU
Sample : L1108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-01-B

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-BG123019.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	3.135	3	8	27	rVB	370179	758408	15.71%	1.526%
2	5.056	329	335	345	rBV	393107	622374	12.90%	1.253%
3	5.532	409	416	434	rBV	1639623	2695235	55.84%	5.425%
4	7.125	678	687	702	rBV	1688589	3097922	64.19%	6.235%
5	7.483	739	748	758	rBV	1755562	3073621	63.68%	6.186%
6	7.947	818	827	837	rBV	444623	769363	15.94%	1.549%
7	8.270	872	882	891	rBV	1343997	2352309	48.74%	4.735%
8	9.105	1016	1024	1036	rBV	1022473	1873186	38.81%	3.770%
9	10.750	1295	1304	1311	rBV	589933	1092755	22.64%	2.199%
10	13.206	1713	1722	1731	rBV	2494312	3963012	82.11%	7.977%
11	14.028	1854	1862	1869	rBV	177538	263414	5.46%	0.530%
12	14.580	1947	1956	1963	rBV	918773	1497457	31.03%	3.014%
13	14.639	1963	1966	1974	rVB	42479	69922	1.45%	0.141%
14	14.980	2018	2024	2034	rBV	33332	59300	1.23%	0.119%
15	15.626	2127	2134	2143	rBV	56386	91252	1.89%	0.184%
16	16.067	2202	2209	2220	rBV	2087565	3133783	64.93%	6.308%
17	16.972	2359	2363	2371	rVB	39087	64128	1.33%	0.129%
18	17.142	2387	2392	2397	rVB	39116	61776	1.28%	0.124%
19	17.324	2414	2423	2426	rBV	1045631	1651171	34.21%	3.323%
20	17.365	2426	2430	2436	rVV	754475	1128387	23.38%	2.271%
21	17.454	2436	2445	2450	rVB	139384	256200	5.31%	0.516%
22	17.724	2481	2491	2497	rBV2	87608	189846	3.93%	0.382%
23	18.200	2567	2572	2575	rBV	94234	137442	2.85%	0.277%
24	18.247	2575	2580	2586	rVV	147224	251544	5.21%	0.506%
25	18.329	2590	2594	2599	rVV	43624	62725	1.30%	0.126%
26	18.394	2599	2605	2609	rVV2	143829	272592	5.65%	0.549%
27	18.429	2609	2611	2616	rVB	71788	84841	1.76%	0.171%
28	18.652	2644	2649	2652	rBV4	41563	61633	1.28%	0.124%
29	18.693	2652	2656	2660	rVV	73109	121222	2.51%	0.244%
30	18.734	2660	2663	2668	rVB	79613	108300	2.24%	0.218%
31	19.116	2723	2728	2732	rBV2	72282	119539	2.48%	0.241%
32	19.175	2733	2738	2742	rBV3	25525	48934	1.01%	0.098%
33	19.251	2747	2751	2761	rVV	63551	119785	2.48%	0.241%
34	19.375	2766	2772	2778	rBV	1437088	1995977	41.35%	4.017%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044045.D
Acq On : 14 Jan 2020 20:44
Operator : JU
Sample : L1108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-01-B

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-BG123019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.733	2823	2833	2842	rBV2	1147999	2071106	42.91%	4.169%
36	19.804	2842	2845	2852	rVB2	58800	110729	2.29%	0.223%
37	19.939	2860	2868	2873	rBV	3514486	4826470	100.00%	9.715%
38	20.056	2884	2888	2895	rBV5	77702	179522	3.72%	0.361%
39	20.197	2908	2912	2914	rBV4	67077	105680	2.19%	0.213%
40	20.233	2914	2918	2924	rVB	153576	226882	4.70%	0.457%
41	20.333	2932	2935	2939	rBV2	57338	71455	1.48%	0.144%
42	20.391	2939	2945	2949	rBV2	125085	219661	4.55%	0.442%
43	20.532	2965	2969	2973	rBV	61513	86037	1.78%	0.173%
44	20.573	2973	2976	2980	rVB2	62758	87795	1.82%	0.177%
45	20.985	3043	3046	3052	rVB	124757	185775	3.85%	0.374%
46	21.208	3081	3084	3087	rBV	92478	126906	2.63%	0.255%
47	21.249	3087	3091	3098	rVV3	536206	899144	18.63%	1.810%
48	21.326	3100	3104	3112	rVB	138245	243439	5.04%	0.490%
49	21.584	3140	3148	3153	rBV2	1157158	2885969	59.79%	5.809%
50	21.631	3153	3156	3170	rVB	584357	1048126	21.72%	2.110%
51	21.790	3179	3183	3189	rVB2	86712	176908	3.67%	0.356%
52	23.781	3513	3522	3539	rBV3	357302	1641916	34.02%	3.305%
53	24.657	3663	3671	3685	rVB	223898	882682	18.29%	1.777%
54	24.821	3689	3699	3711	rVV3	340416	1457299	30.19%	2.933%

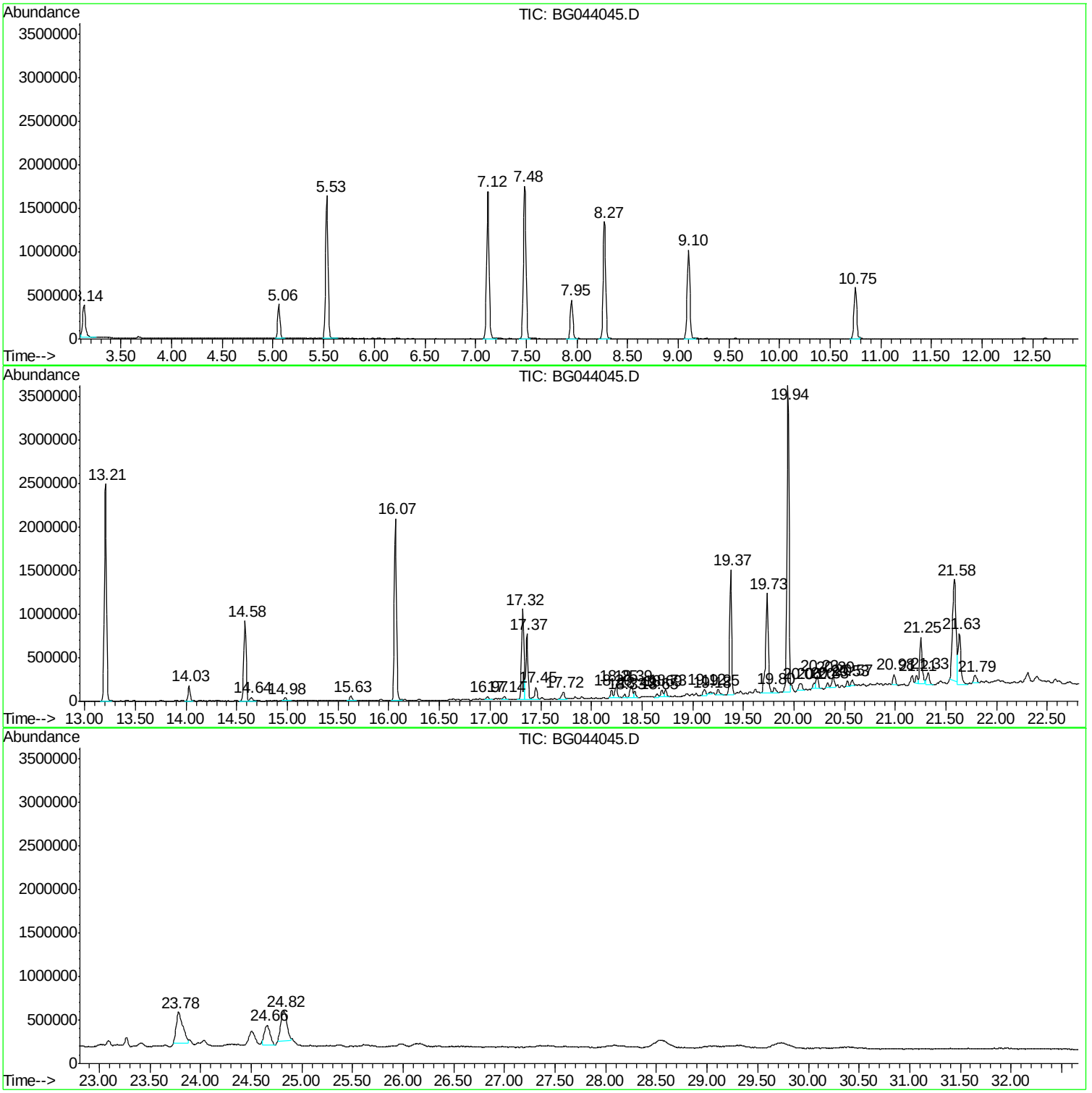
Sum of corrected areas: 49682856

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044045.D
Acq On : 14 Jan 2020 20:44
Operator : JU
Sample : L1108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044045.D
Acq On : 14 Jan 2020 20:44
Operator : JU
Sample : L1108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

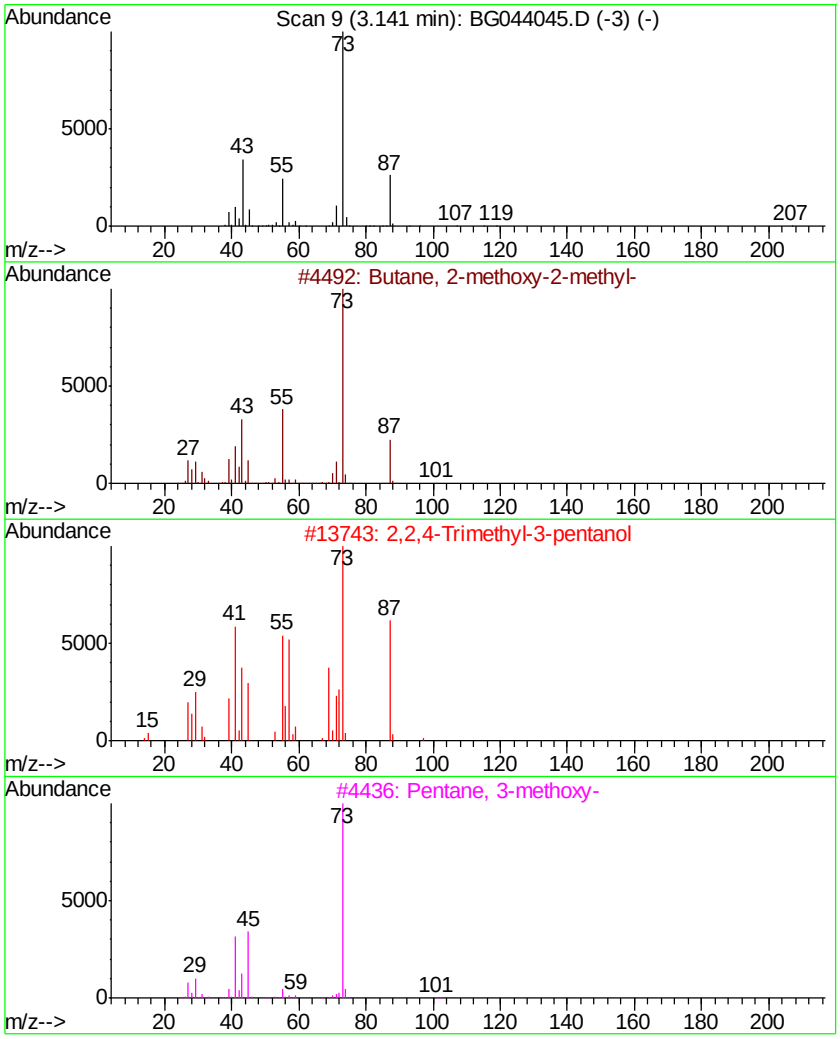
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

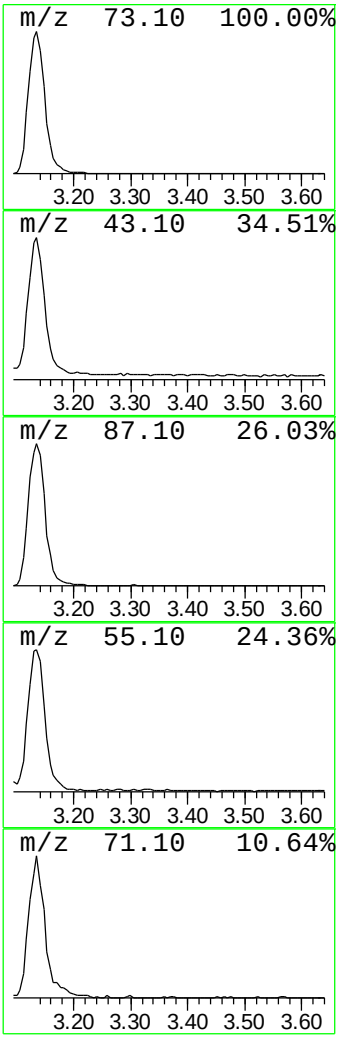
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	19.72 ng	758408	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044045.D
Acq On : 14 Jan 2020 20:44
Operator : JU
Sample : L1108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

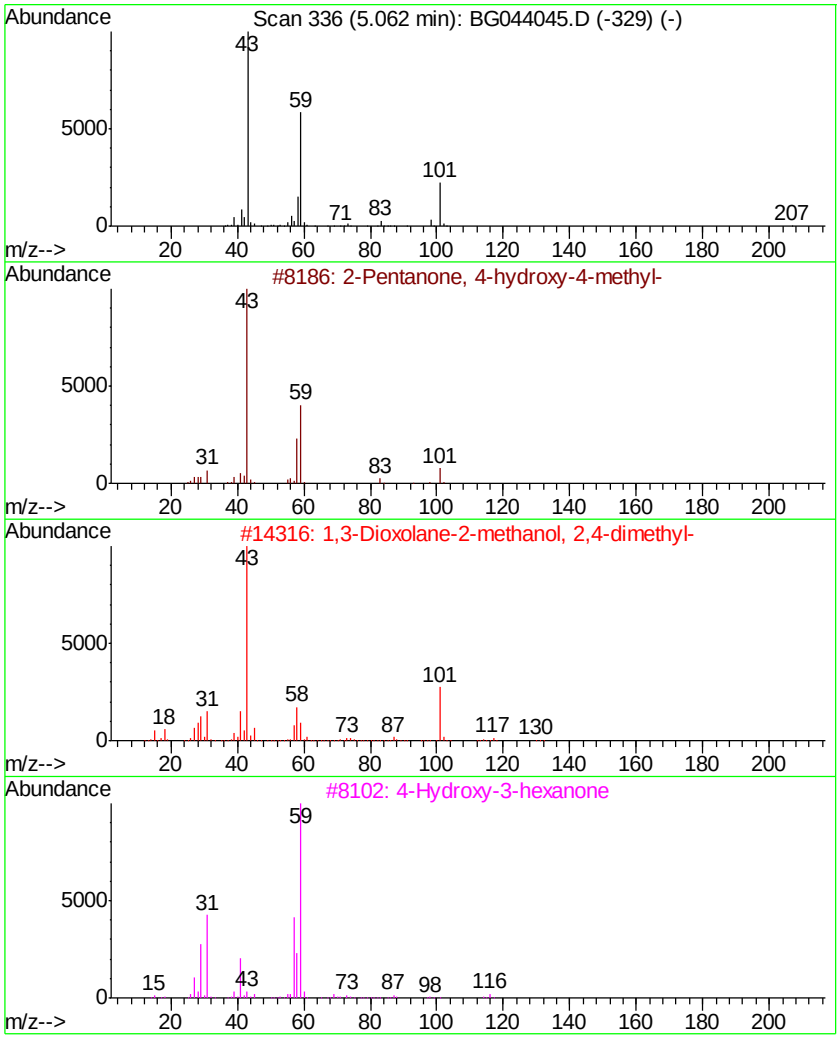
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

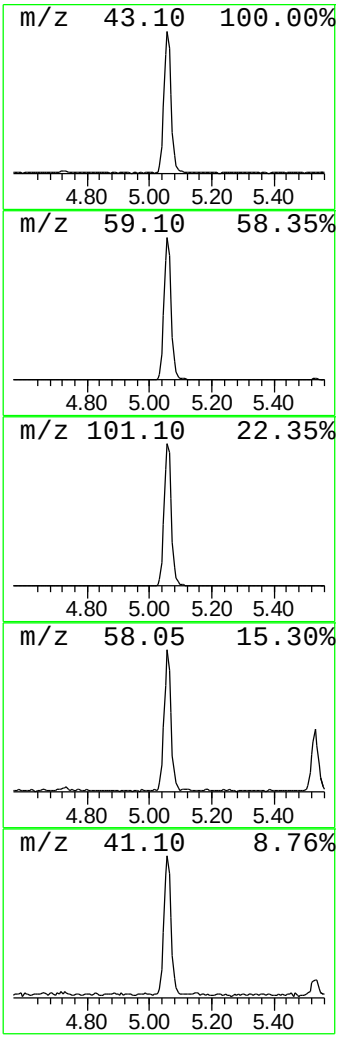
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	16.18 ng	622374	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044045.D
Acq On : 14 Jan 2020 20:44
Operator : JU
Sample : L1108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

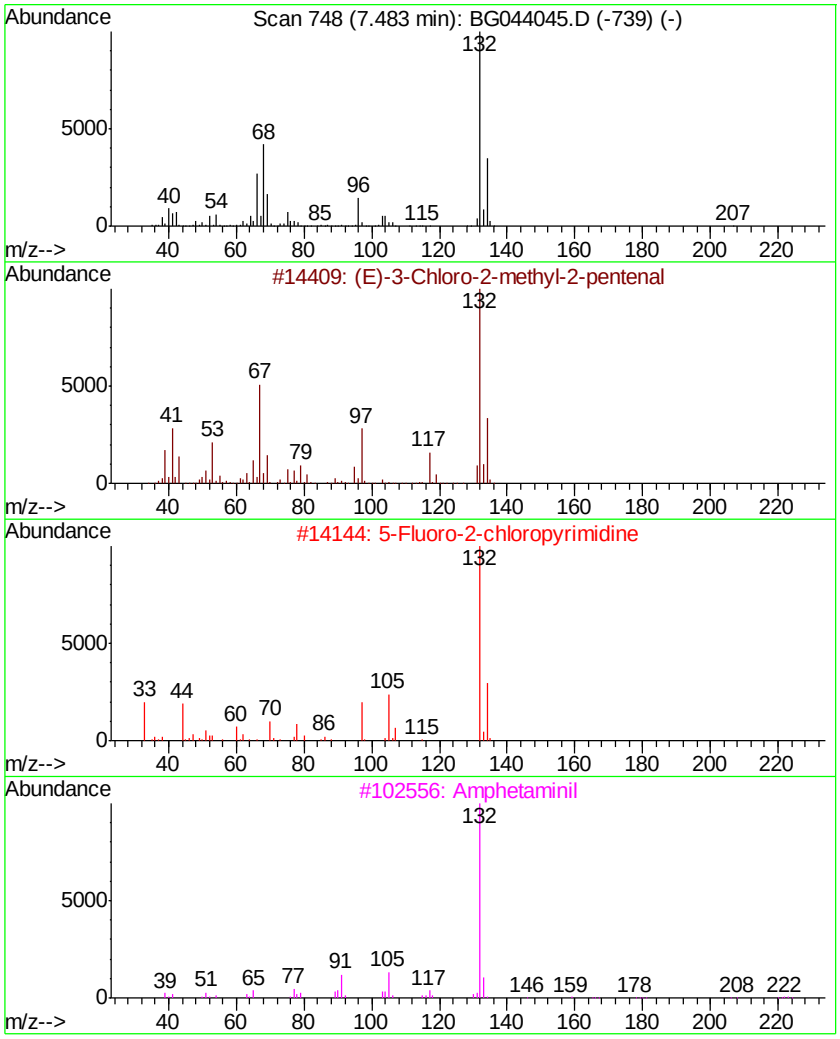
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

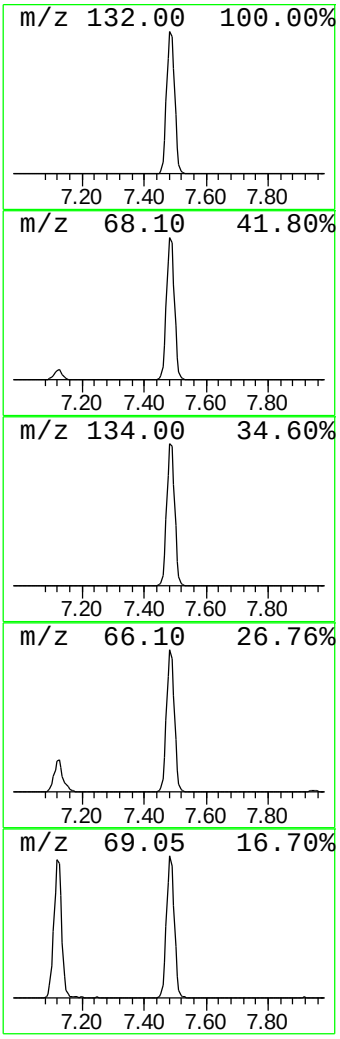
****

Peak Number 3 unknown7.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	79.90 ng	3073620	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044045.D
Acq On : 14 Jan 2020 20:44
Operator : JU
Sample : L1108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

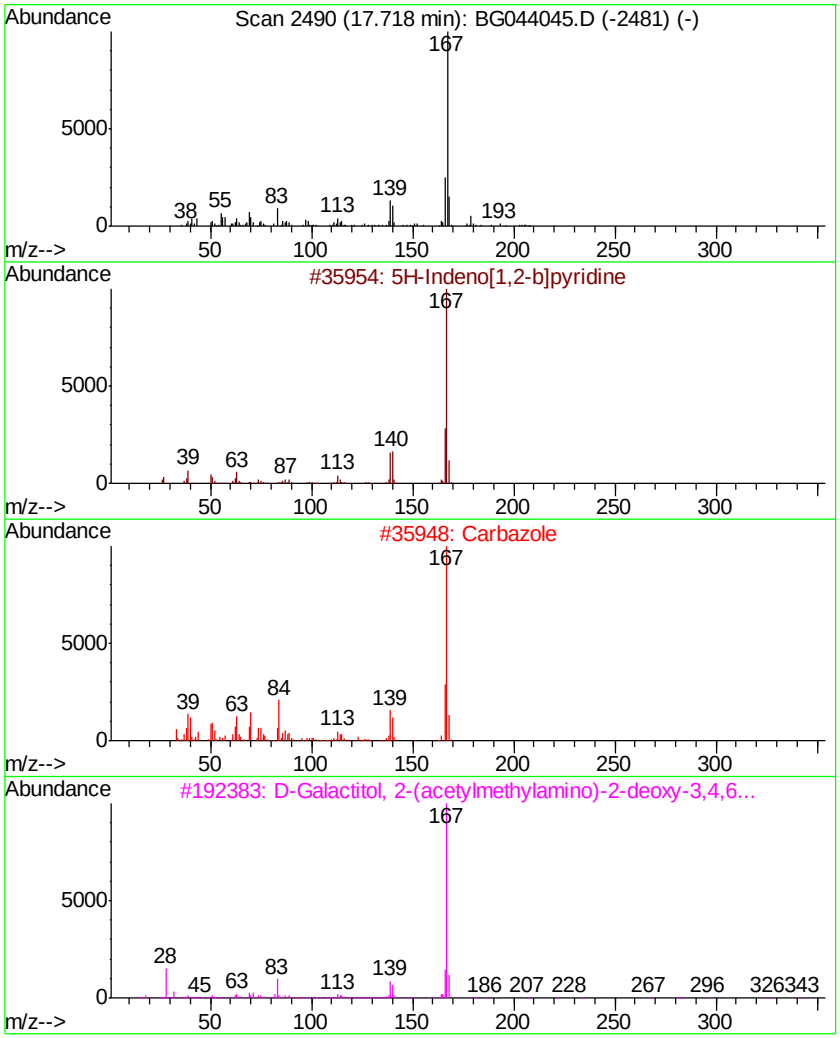
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

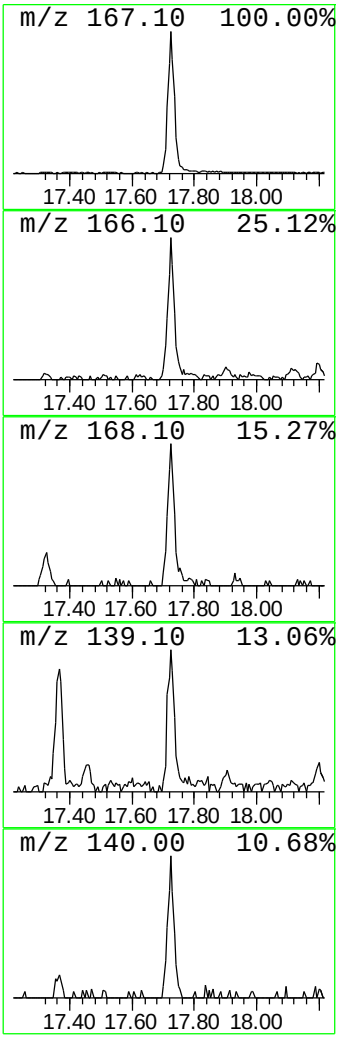
****

Peak Number 5 5H-Indeno[1,2-b]pyridine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	2.30 ng	189846	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
2	Carbazole	167	C12H9N	000086-74-8	87
3	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	80
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	72
5	4H-1,3,2-Dioxaborin, 2-ethyl-4-m...	210	C12H23BO2	074421-10-6	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044045.D
Acq On : 14 Jan 2020 20:44
Operator : JU
Sample : L1108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

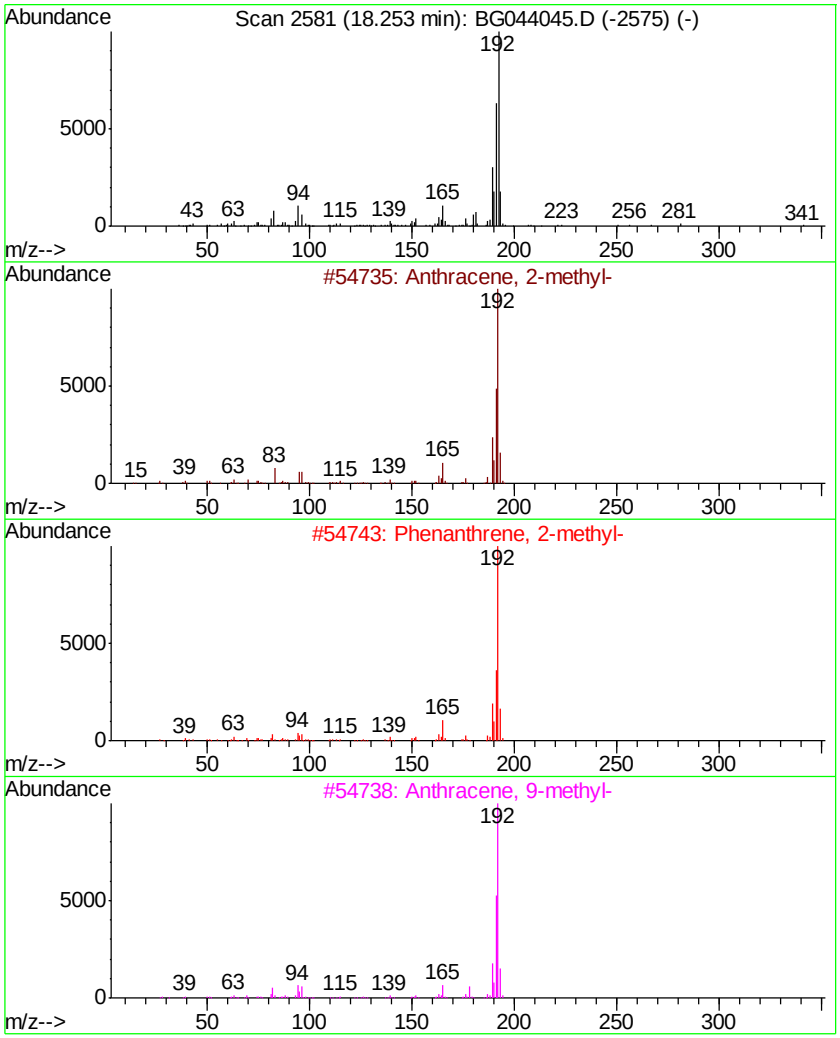
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

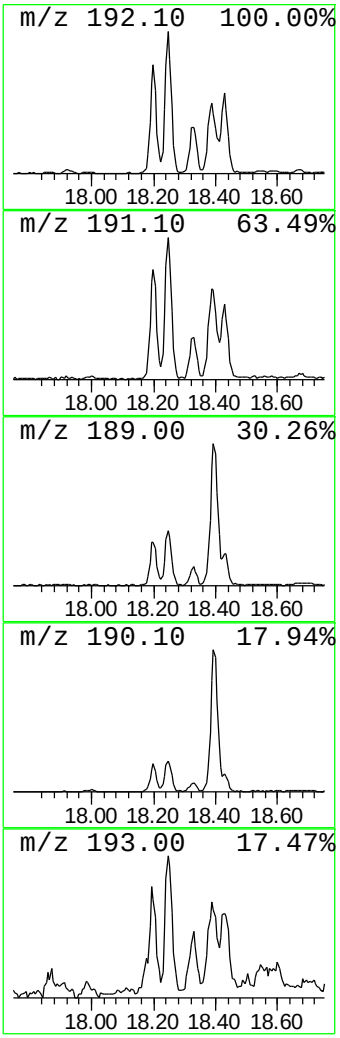
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	3.05 ng	251544	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044045.D
Acq On : 14 Jan 2020 20:44
Operator : JU
Sample : L1108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

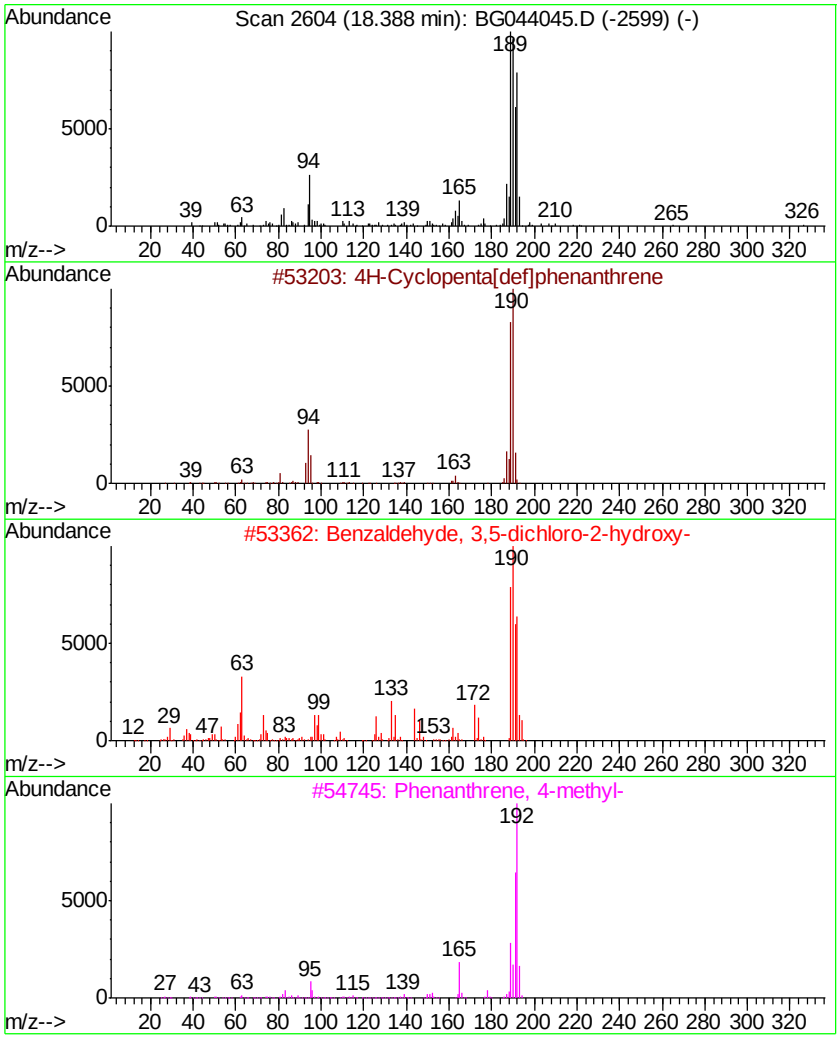
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

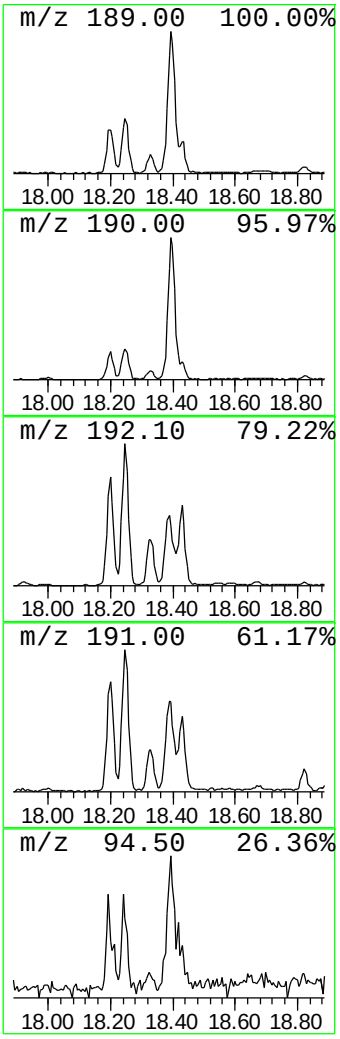
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	3.30 ng	272592	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	18
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044045.D
Acq On : 14 Jan 2020 20:44
Operator : JU
Sample : L1108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

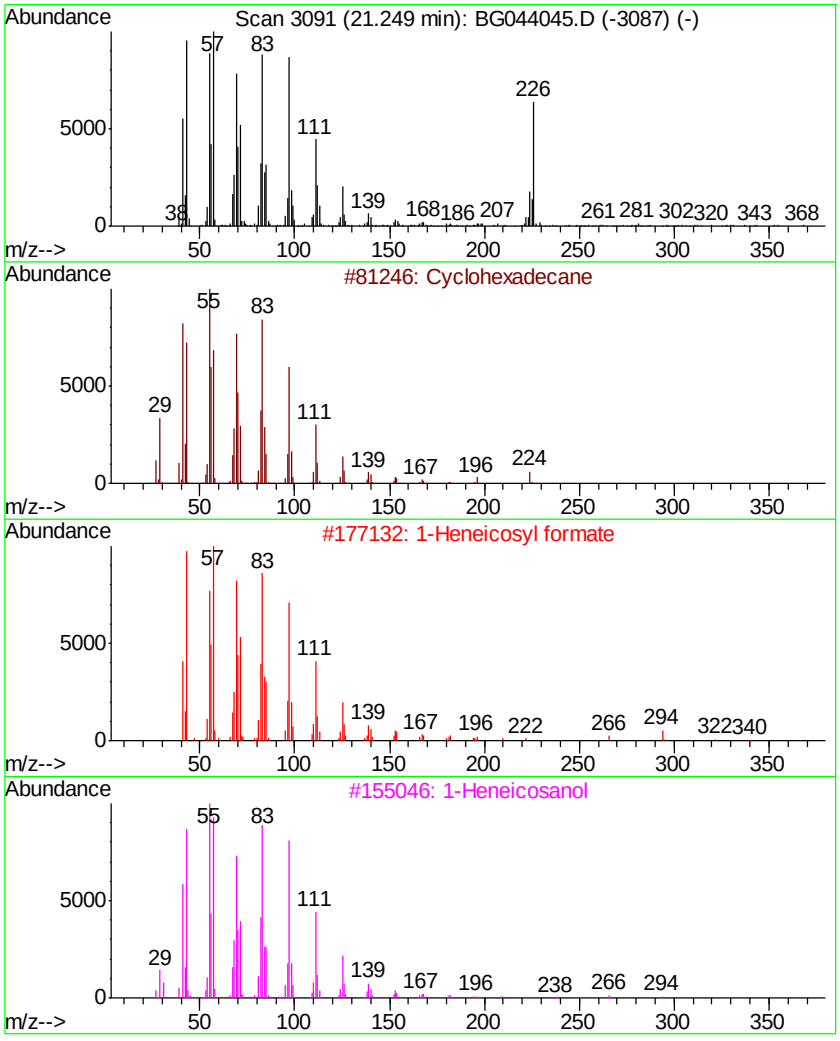
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

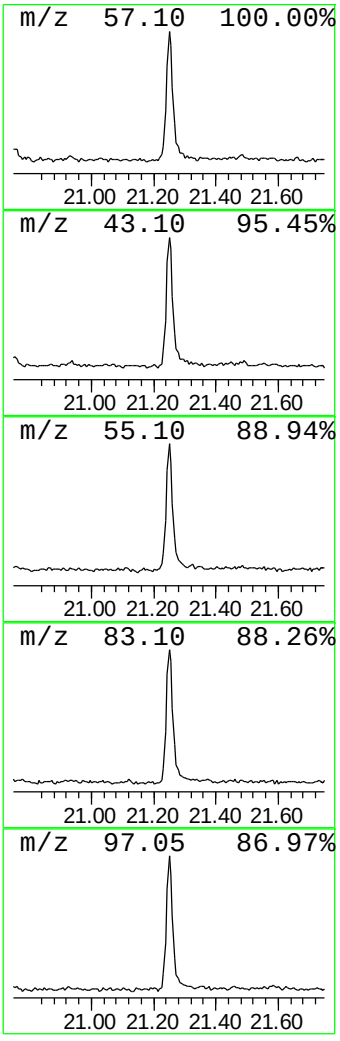
****

Peak Number 8 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	6.23 ng	899144	Chrysene-d12	21.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011420\
Data File : BG044045.D
Acq On : 14 Jan 2020 20:44
Operator : JU
Sample : L1108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INWOOD-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	19.7	ng	758408	1	7.95	769363	20.0
2-Pentanone, 4-hy...	5.06	16.2	ng	622374	1	7.95	769363	20.0
unknown7.48	7.48	79.9	ng	3073620	1	7.95	769363	20.0
5H-Indeno[1,2-b]p...	17.72	2.3	ng	189846	4	17.32	1651170	20.0
Anthracene, 2-met...	18.25	3.0	ng	251544	4	17.32	1651170	20.0
4H-Cyclopenta[def...	18.39	3.3	ng	272592	4	17.32	1651170	20.0
Cyclohexadecane	21.25	6.2	ng	899144	5	21.59	2885970	20.0