LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044818.D
Acq On : 16 Mar 2020 18:18
Operator : CG/JU
Sample : L1912-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z1-2

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-BG031020.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	3.153	5	11	20	rBV3	88456	220021	4.16%	0.695%
2	3.235	20	25	30	rVB2	44893	74707	1.41%	0.236%
3	5.621	420	431	442	rBV	1439557	2394731	45.32%	7.566%
4	7.207	692	701	715	rBV	1465177	2616193	49.52%	8.266%
5	8.047	835	844	852	rBV	360946	632182	11.97%	1.997%
6	8.376	892	900	914	rVB	1070530	1964629	37.18%	6.207%
7	9.205	1031	1041	1050	rBV	911875	1699199	32.16%	5.369%
8	10.856	1314	1322	1331	rBV	478775	875681	16.57%	2.767%
9	13.306	1731	1739	1747	rBV	2354650	3658743	69.25%	11.560%
10	14.128	1873	1879	1885	rBV	224942	337576	6.39%	1.067%
11	14.681	1963	1973	1981	rBV2	771676	1255449	23.76%	3.967%
12	16.167	2219	2226	2239	rBV	1977698	3173433	60.06%	10.026%
13	17.424	2432	2440	2445	rBV	995238	1593252	30.15%	5.034%
14	17.466	2445	2447	2453	rVB	128920	172238	3.26%	0.544%
15	18.323	2585	2593	2595	rBV5	48263	90893	1.72%	0.287%
16	18.494	2615	2622	2626	rBV4	26248	55961	1.06%	0.177%
17	19.475	2783	2789	2794	rBV	176296	254024	4.81%	0.803%
18	19.833	2840	2850	2858	rBV	167914	312942	5.92%	0.989%
19	20.039	2876	2885	2895	rBV	3830411	5283567	100.00%	16.693%
20	20.726	2998	3002	3009	rBV2	66798	84131	1.59%	0.266%
21	21.355	3105	3109	3116	rBV2	225444	409241	7.75%	1.293%
22	21.696	3159	3167	3172	rBV	956319	1750270	33.13%	5.530%
23	21.737	3172	3174	3181	rVB2	75131	119355	2.26%	0.377%
24	21.919	3202	3205	3210	rVB3	54408	73008	1.38%	0.231%
25	22.542	3306	3311	3318	rVB4	69969	124782	2.36%	0.394%
26	23.241	3424	3430	3436	rBV2	79353	145381	2.75%	0.459%
27	24.058	3562	3569	3579	rVB4	80345	173648	3.29%	0.549%
28	24.745	3680	3686	3697	rVB2	44611	145770	2.76%	0.461%
29	24.904	3703	3713	3724	rBV2	558000	1606933	30.41%	5.077%
30	25.010	3724	3731	3742	rVB5	73247	203132	3.84%	0.642%
31	26.167	3921	3928	3935	rVB7	52582	149906	2.84%	0.474%

Sum of corrected areas: 31650978

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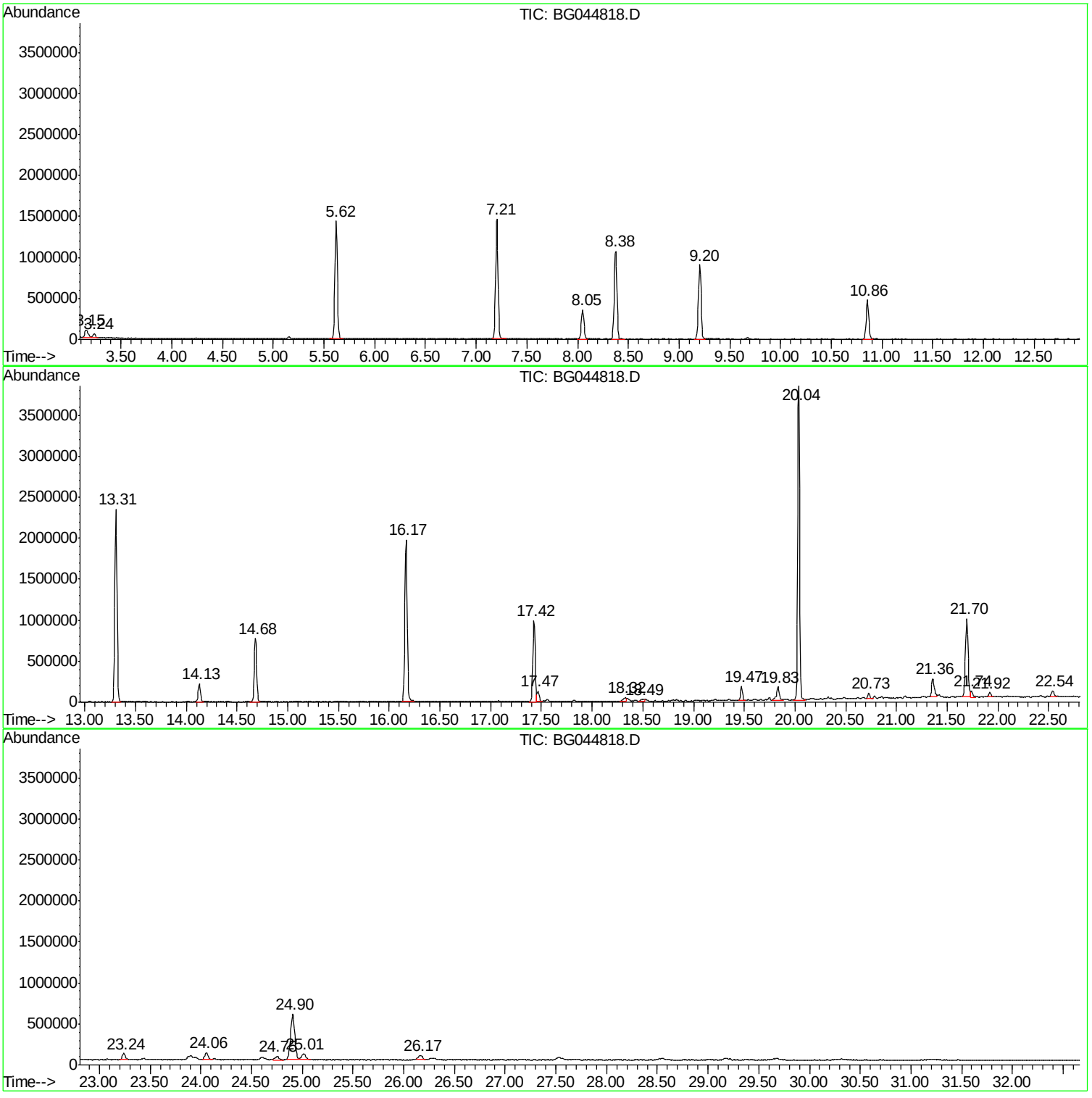
Instrument :
BNA_G
ClientSampleId :
Z1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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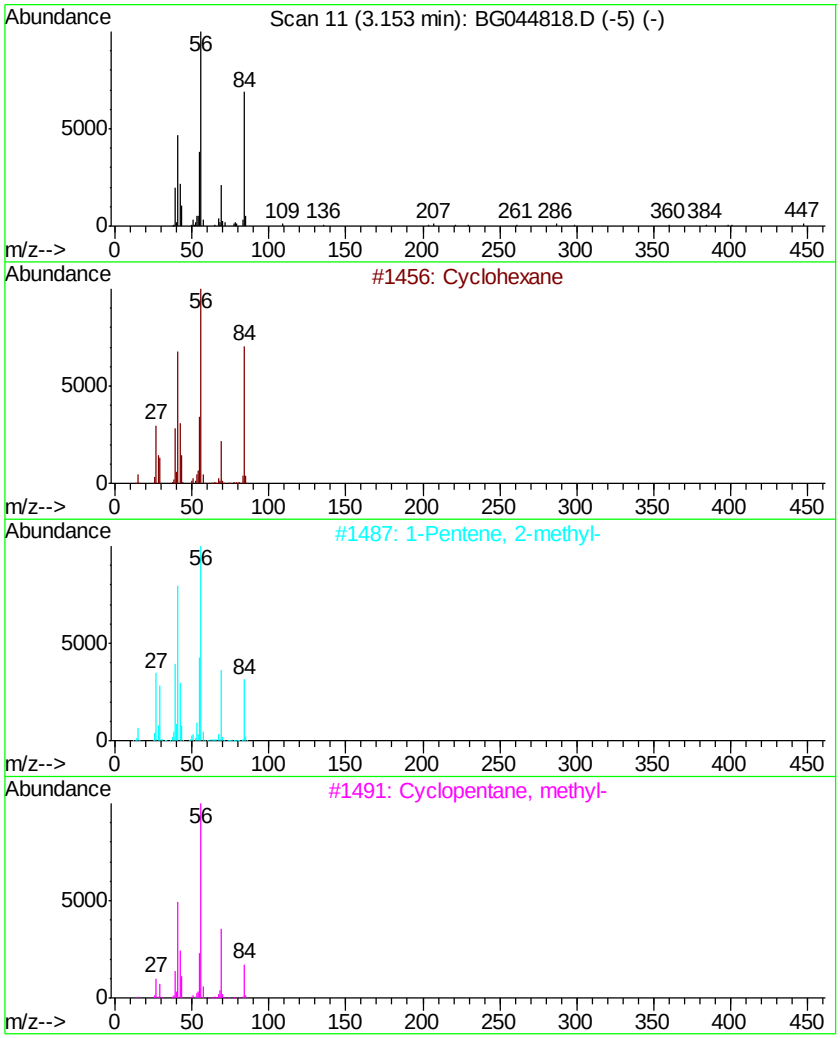
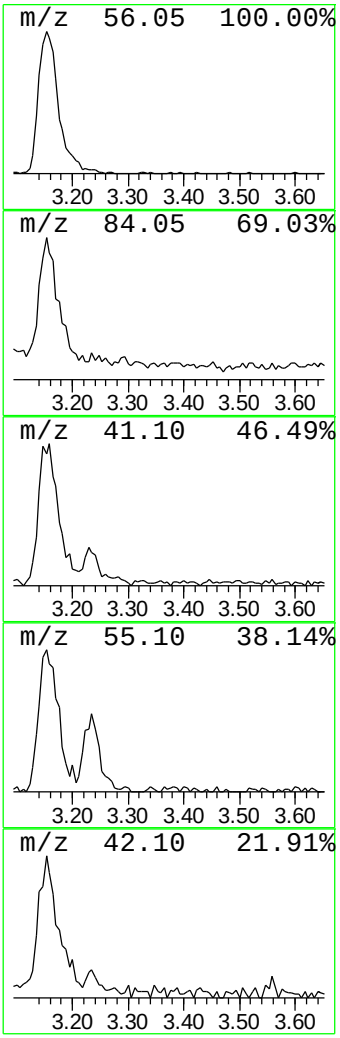
Peak Number 1 Cyclohexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	6.96 ng	220021	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
4	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	40
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	38





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Misc :
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Instrument : BNA_G
ClientSampleId : Z1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
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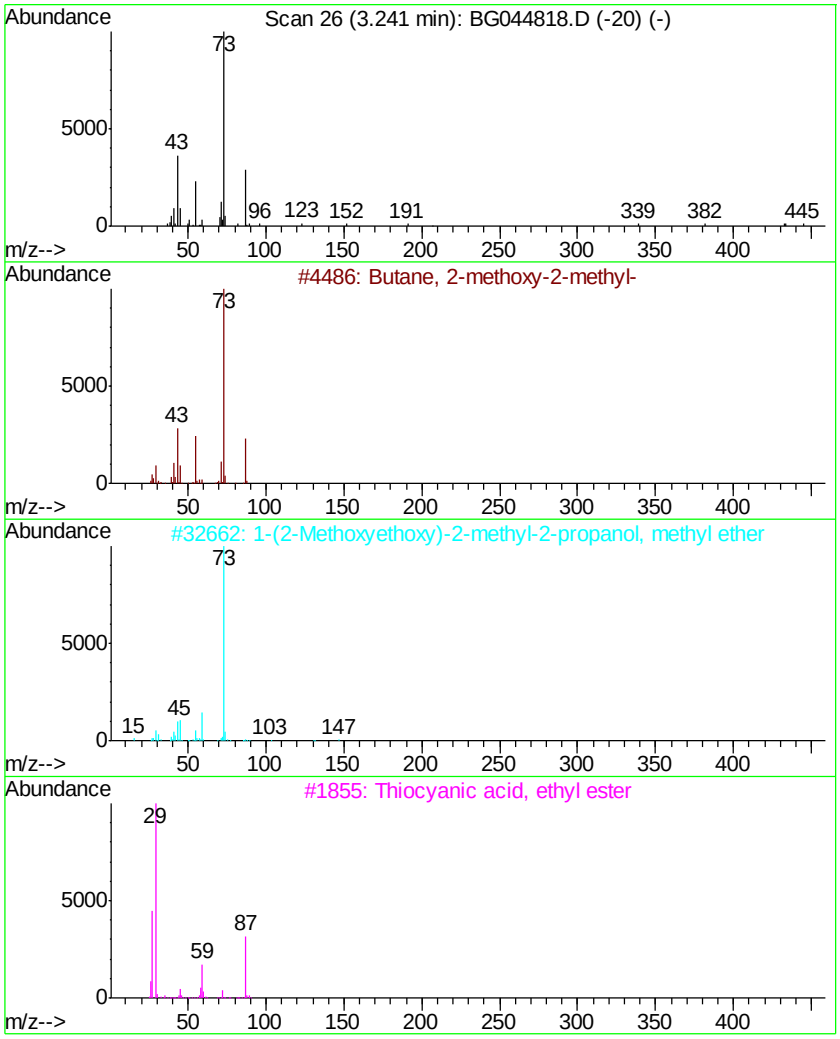
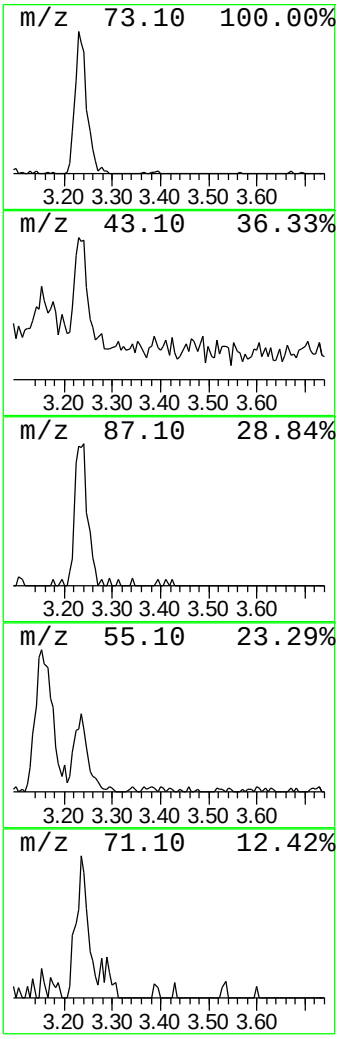
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	2.36 ng	74707	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	10
3	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	9
4	1,3-Dioxolane, 2-butyl-	130	C7H14O2	004360-76-3	9
5	Acetamide, N-(2-hydroxy-3-penten...	143	C7H13NO2	093393-95-4	9





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ClientSampleId : Z1-2

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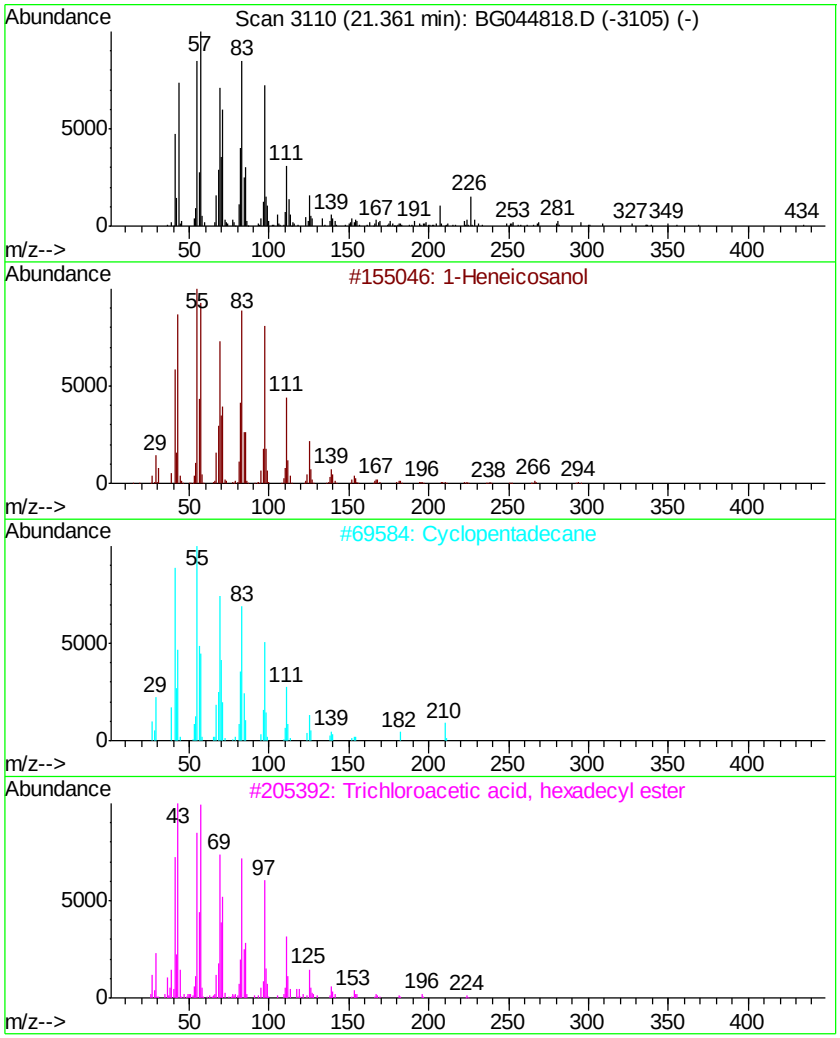
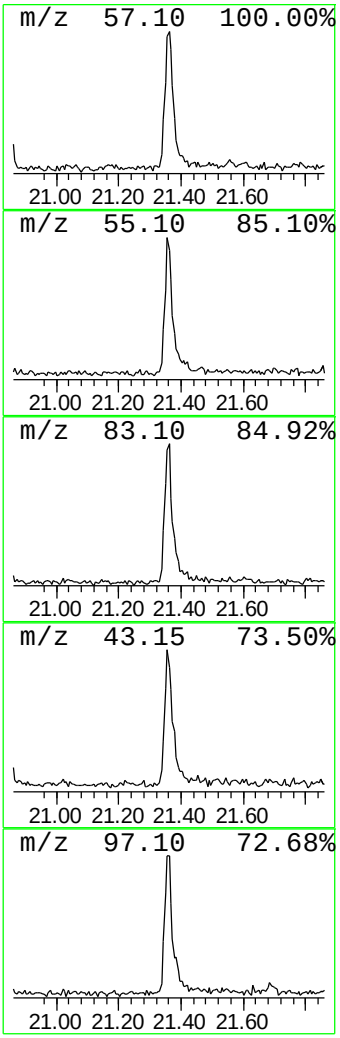
Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	4.68 ng	409241	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





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Instrument : BNA_G
ClientSampleId : Z1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
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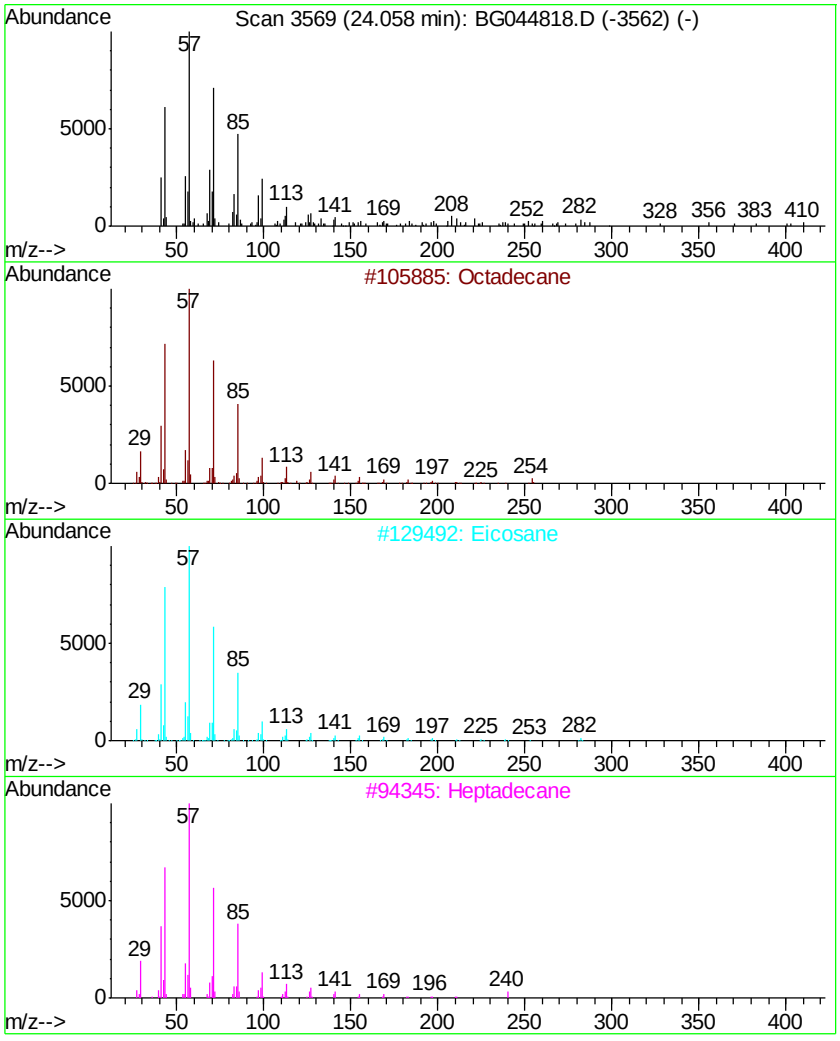
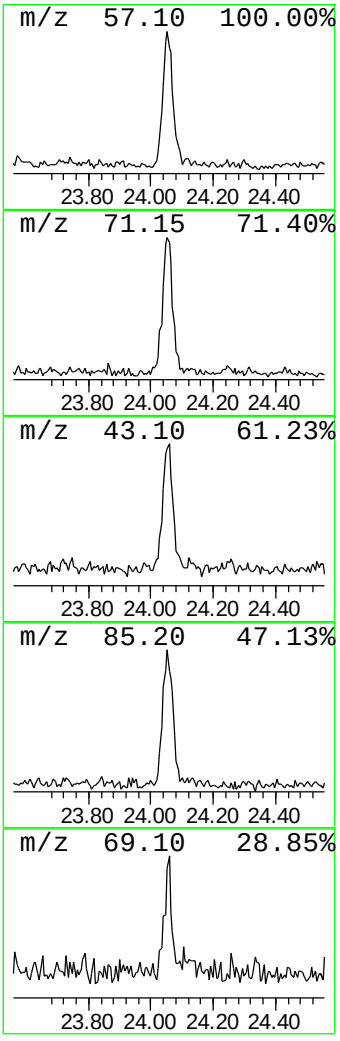
Peak Number 5 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.16 ng	173648	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Eicosane	282	C20H42	000112-95-8	90
3	Heptadecane	240	C17H36	000629-78-7	81
4	Tetratetracontane	619	C44H90	007098-22-8	74
5	Octacosane	394	C28H58	000630-02-4	74





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z1-2

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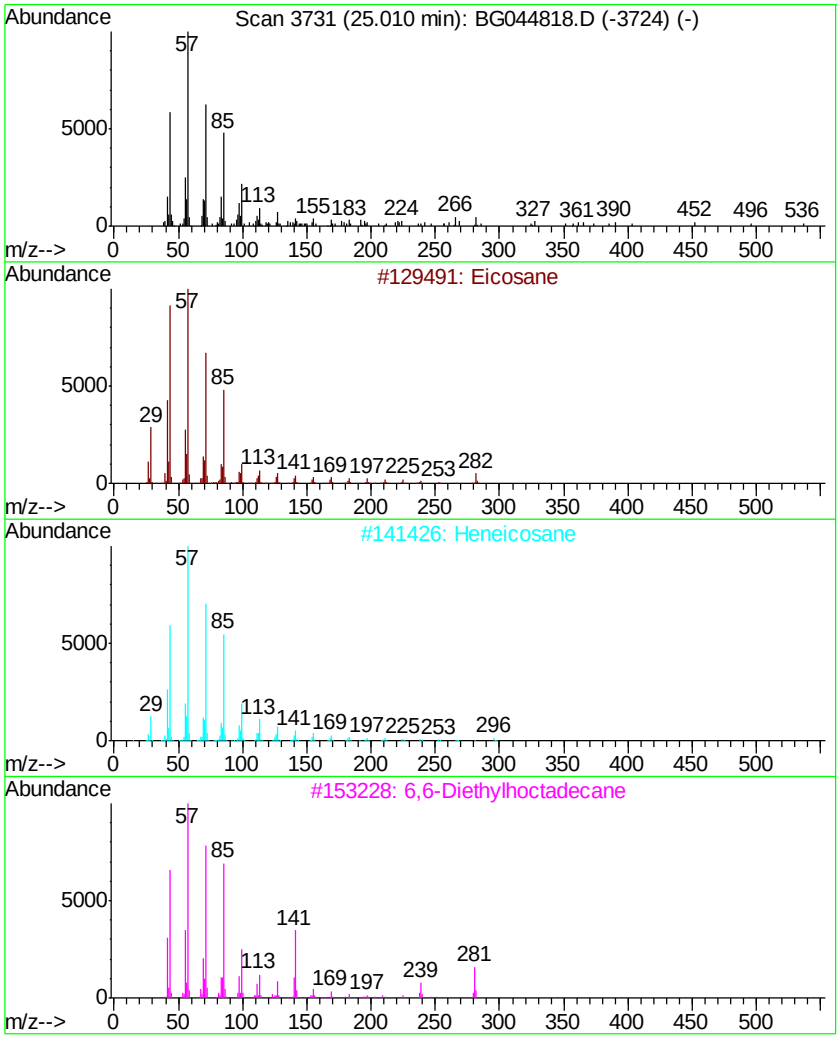
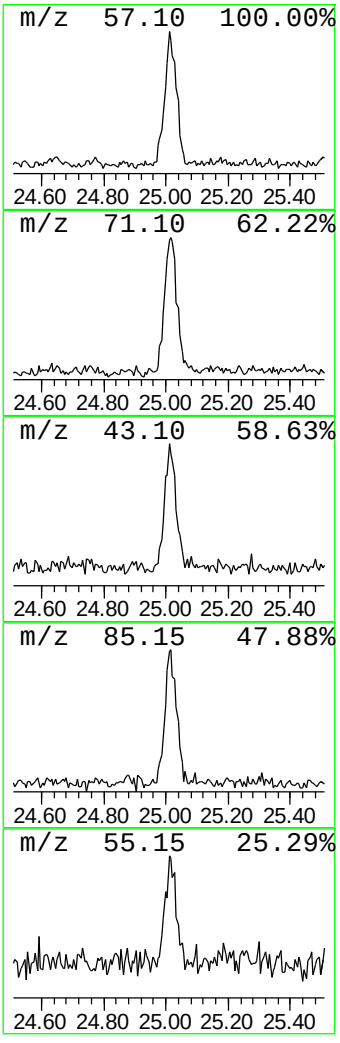
Peak Number 6 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.01	2.53 ng	203132	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Heneicosane	296	C21H44	000629-94-7	83
3	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	80
4	Tetratetracontane	619	C44H90	007098-22-8	76
5	2-methyloctacosane	408	C29H60	1000376-72-8	76





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane	3.15	7.0	ng	220021	1	8.05	632182	20.0
Butane, 2-methoxy...	3.24	2.4	ng	74707	1	8.05	632182	20.0
1-Heneicosanol	21.36	4.7	ng	409241	5	21.70	1750270	20.0
Octadecane	24.06	2.2	ng	173648	6	24.90	1606930	20.0
Eicosane	25.01	2.5	ng	203132	6	24.90	1606930	20.0