LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044889.D
Acq On : 19 Mar 2020 9:02
Operator : CG/JU
Sample : PB127639BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB127639BL

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	3.147	4	10	19	rBV	154983	323567	5.38%	1.288%
2	3.223	19	23	30	rVB	132607	199479	3.31%	0.794%
3	5.609	423	429	438	rVB	494321	823919	13.69%	3.280%
4	7.195	691	699	710	rBV2	292445	530377	8.81%	2.112%
5	8.041	835	843	851	rBV	252746	441044	7.33%	1.756%
6	8.370	891	899	907	rBV	925297	1709283	28.40%	6.805%
7	9.199	1032	1040	1051	rBV	837078	1513636	25.15%	6.026%
8	10.850	1314	1321	1329	rBV	330369	610158	10.14%	2.429%
9	13.300	1730	1738	1746	rBV	2200249	3469097	57.64%	13.812%
10	13.576	1779	1785	1791	rBV	156385	243569	4.05%	0.970%
11	14.122	1871	1878	1883	rBV	204324	297319	4.94%	1.184%
12	14.675	1963	1972	1983	rVB	526888	865937	14.39%	3.448%
13	16.161	2217	2225	2238	rBV	1894914	3049618	50.67%	12.142%
14	17.418	2432	2439	2447	rBV	747625	1184677	19.69%	4.717%
15	20.033	2877	2884	2890	rVB	4200458	6018068	100.00%	23.960%
16	21.349	3103	3108	3116	rBV3	88753	168226	2.80%	0.670%
17	21.684	3158	3165	3172	rBV	831165	1397157	23.22%	5.563%
18	21.907	3198	3203	3209	rBV	59893	85653	1.42%	0.341%
19	22.518	3301	3307	3314	rBV2	70355	125789	2.09%	0.501%
20	23.218	3420	3426	3432	rBV2	76241	140121	2.33%	0.558%
21	23.411	3454	3459	3465	rVB2	41078	74734	1.24%	0.298%
22	24.022	3557	3563	3571	rBV3	73467	174719	2.90%	0.696%
23	24.892	3699	3711	3720	rBV2	466793	1362434	22.64%	5.424%
24	24.986	3720	3727	3738	rVB3	66333	166538	2.77%	0.663%
25	26.120	3911	3920	3928	rBV4	48426	142163	2.36%	0.566%

Sum of corrected areas: 25117282

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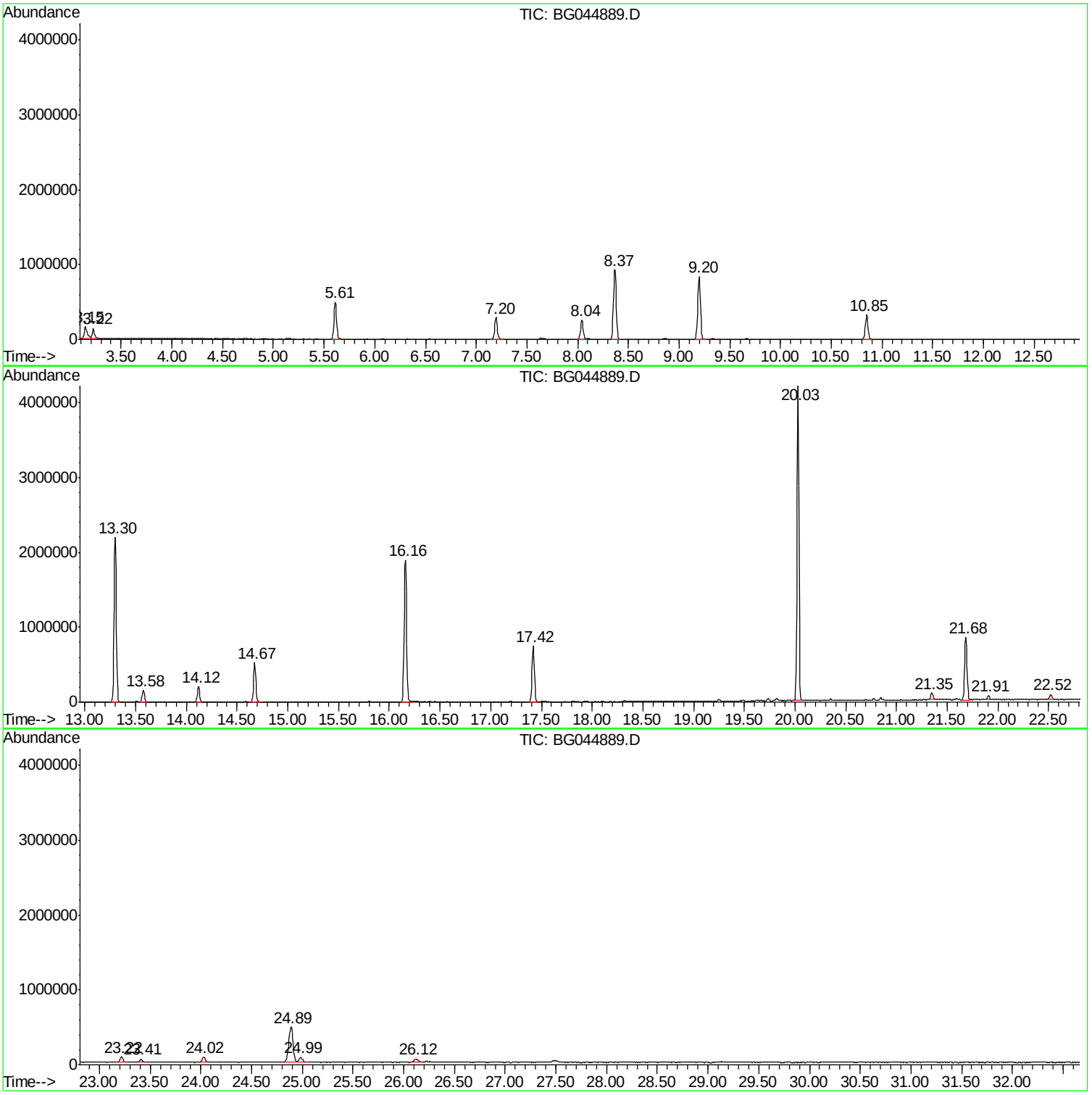
ClientSampleId :
PB127639BL

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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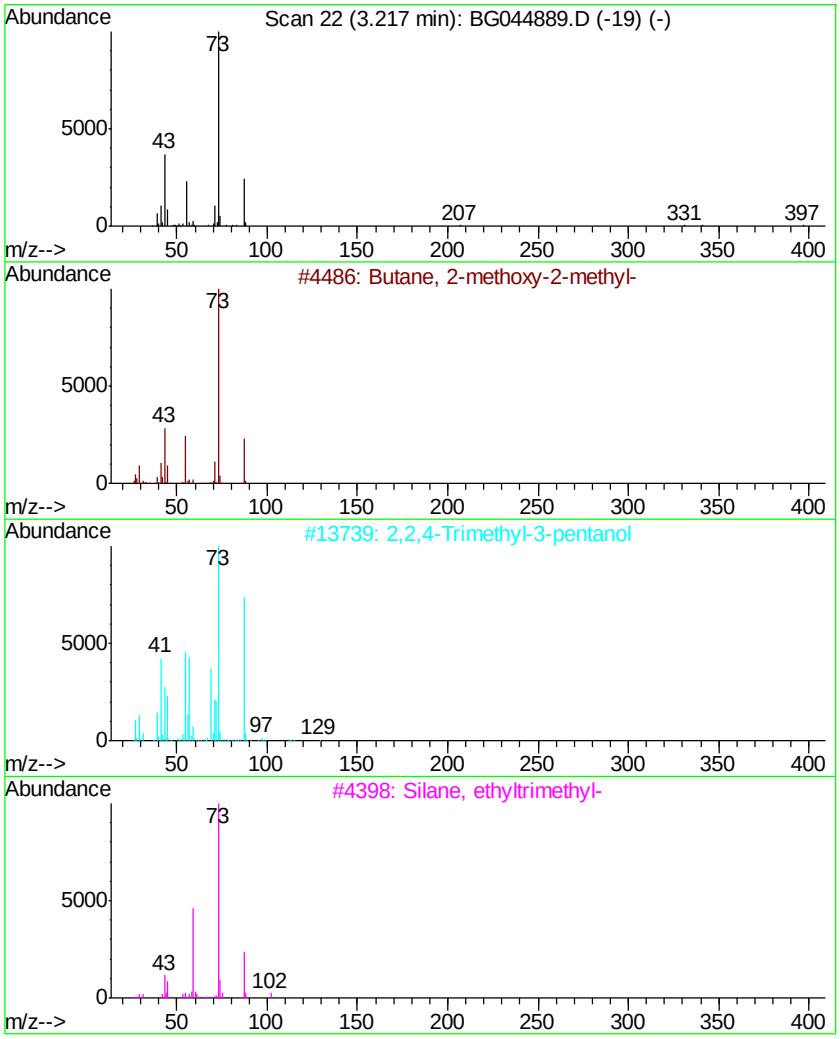
TIC Integration Parameters: LSCINT.P

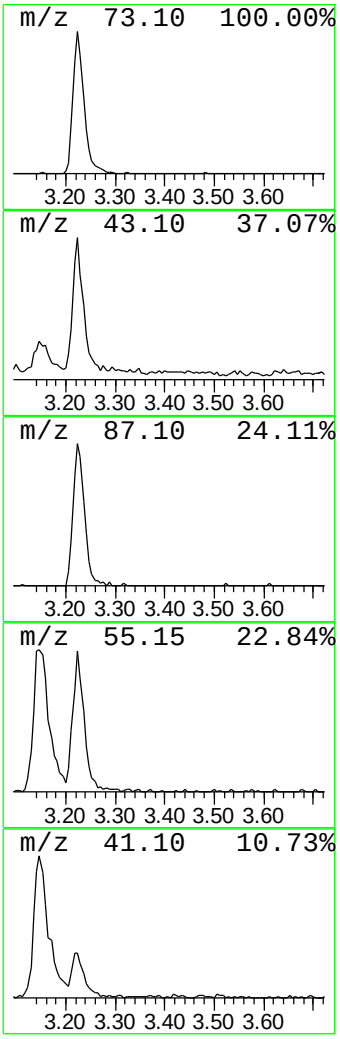
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	9.05 ng	199479	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	28
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Misc :
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Instrument : BNA_G
ClientSampleId : PB127639BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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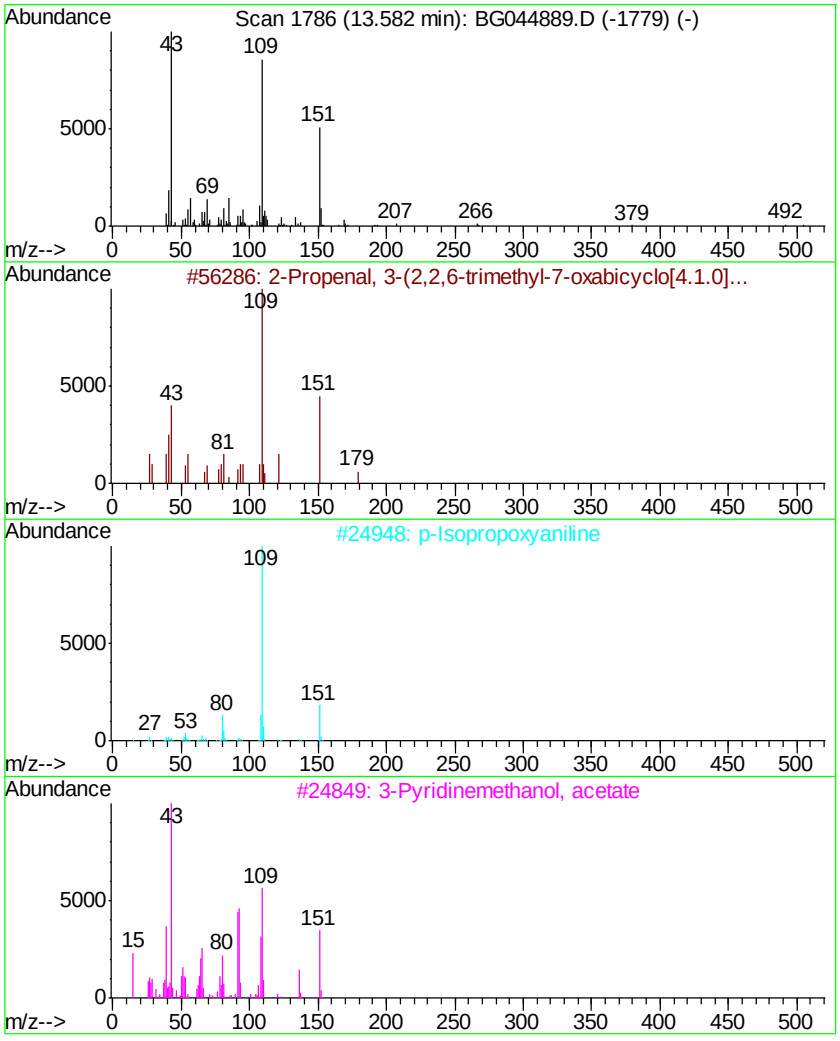
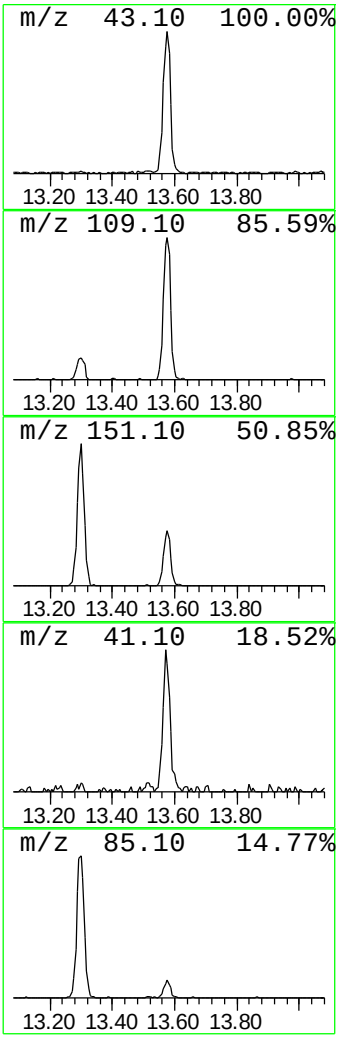
Peak Number 4 2-Propenal, 3-(2,2,6-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	5.63 ng	243569	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	56
2	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	53
3	3-Pyridinemethanol, acetate	151	C8H9NO2	010072-09-0	53
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
5	Metacetamol	151	C8H9NO2	000621-42-1	53





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Sample : PB127639BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB127639BL

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
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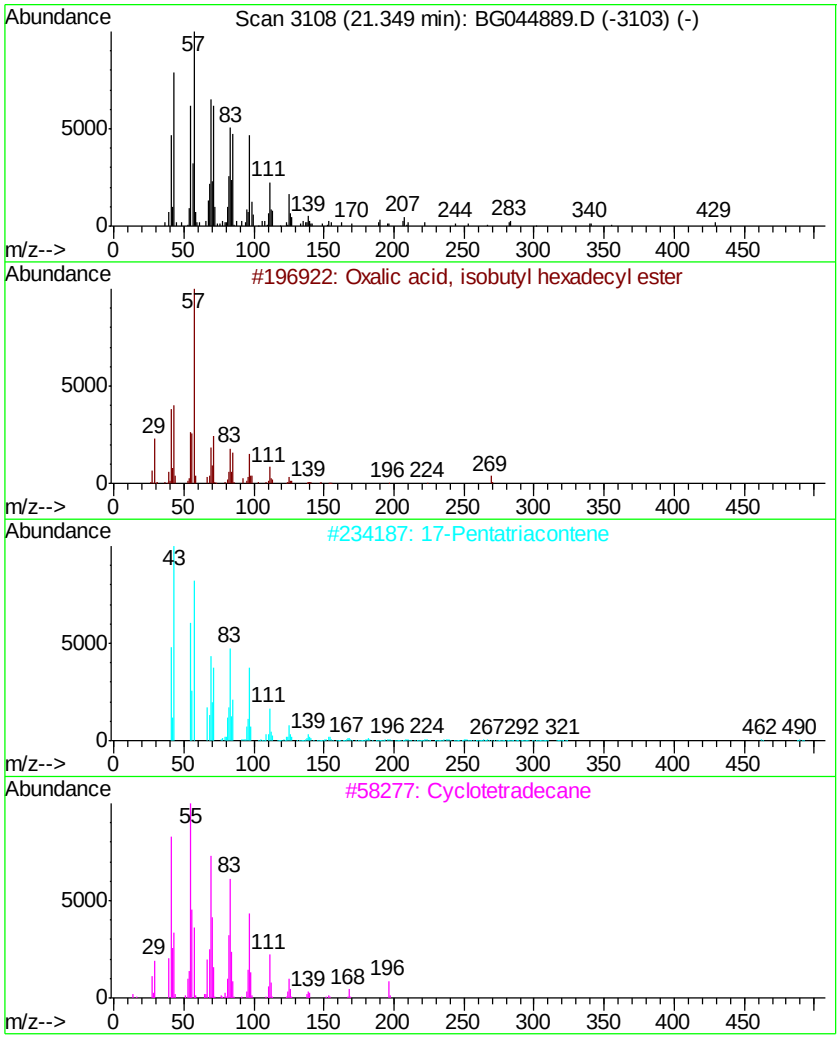
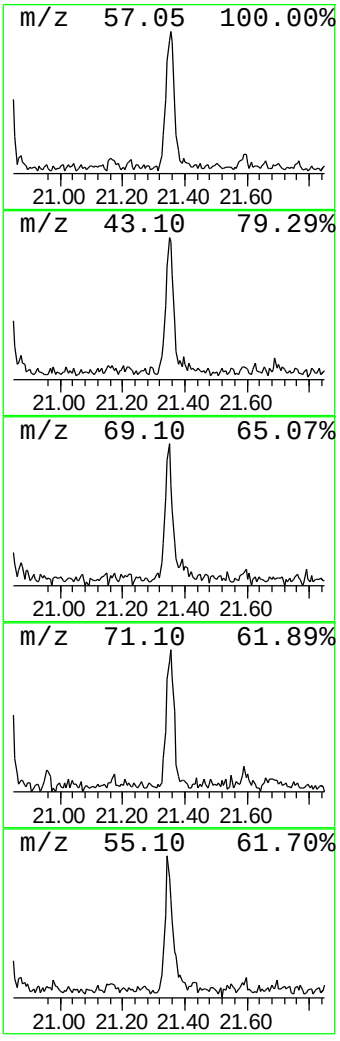
Peak Number 5 Oxalic acid, isobutyl hexad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	2.41 ng	168226	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	86
2	17-Pentatriacontene	491	C35H70	006971-40-0	83
3	Cyclotetradecane	196	C14H28	000295-17-0	83
4	2-Tetradecene, (E)-	196	C14H28	035953-54-9	70
5	1-Eicosanol	298	C20H42O	000629-96-9	68





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ClientSampleId : PB127639BL

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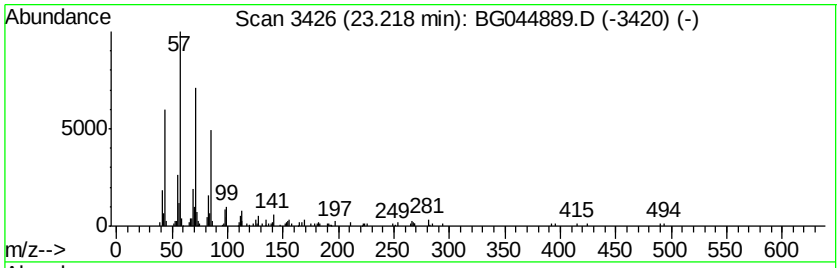
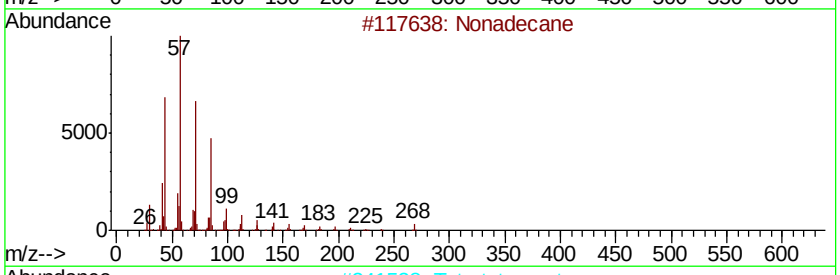
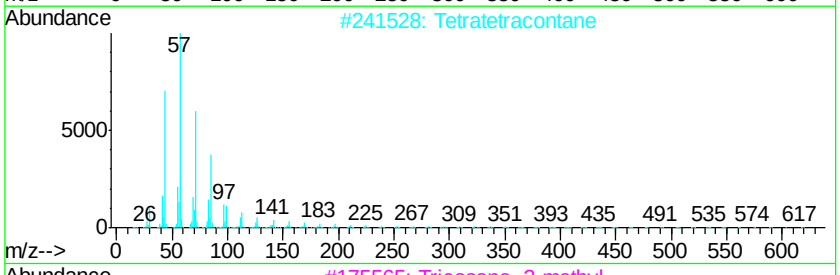
Peak Number 6 Tetratetracontane Concentration Rank 9

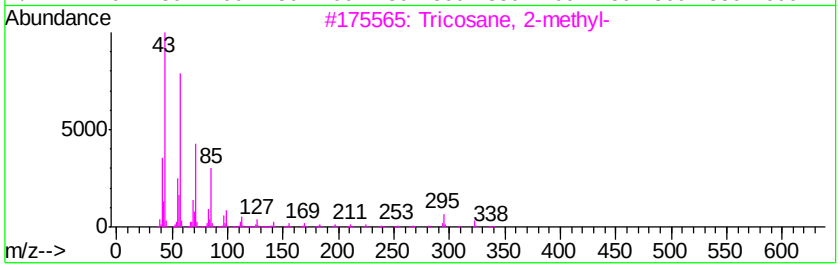
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	2.01 ng	140121	Chrysene-d12	21.68

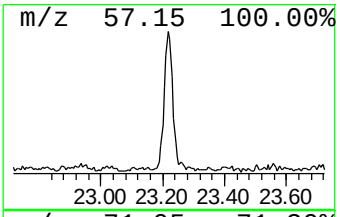
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	Hexadecane	226	C16H34	000544-76-3	80

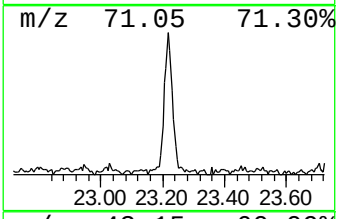


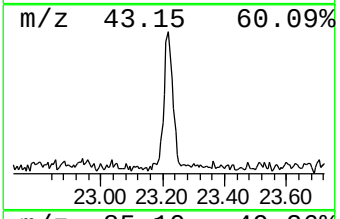


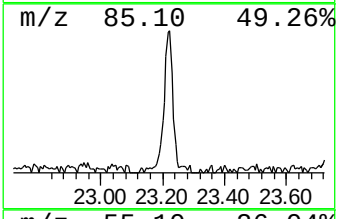


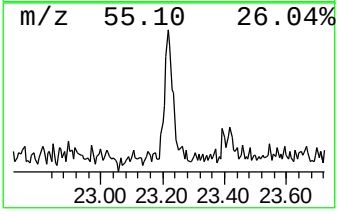












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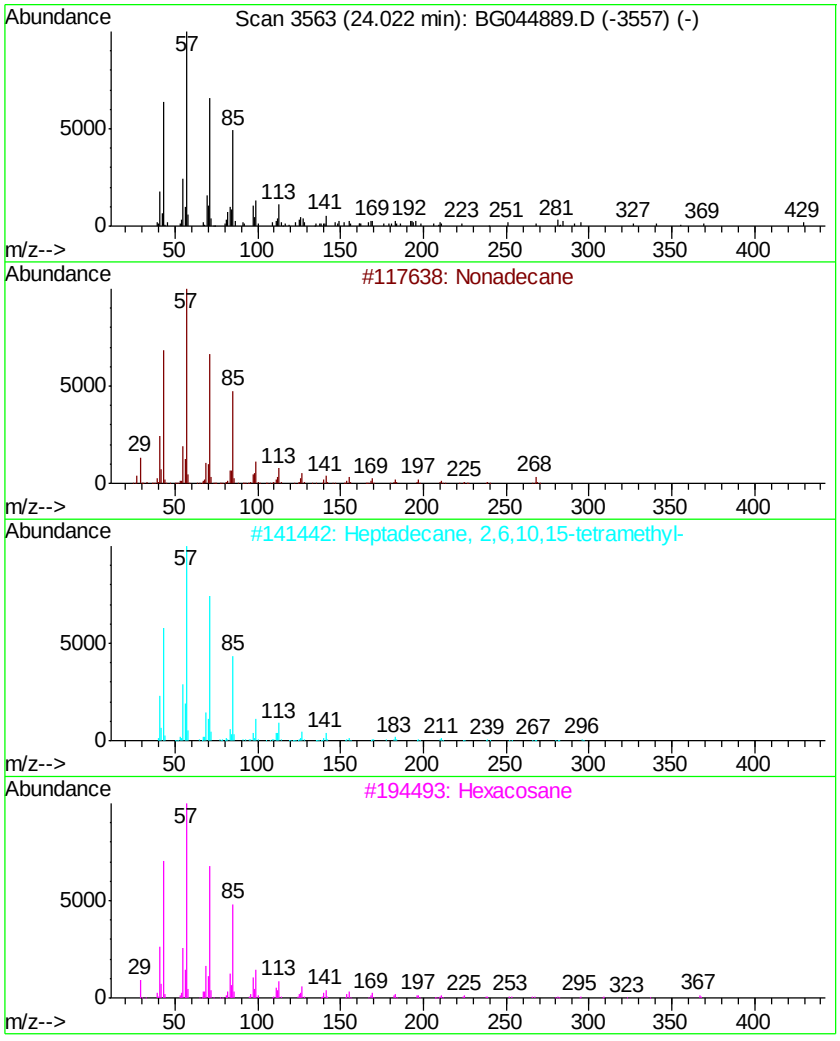
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

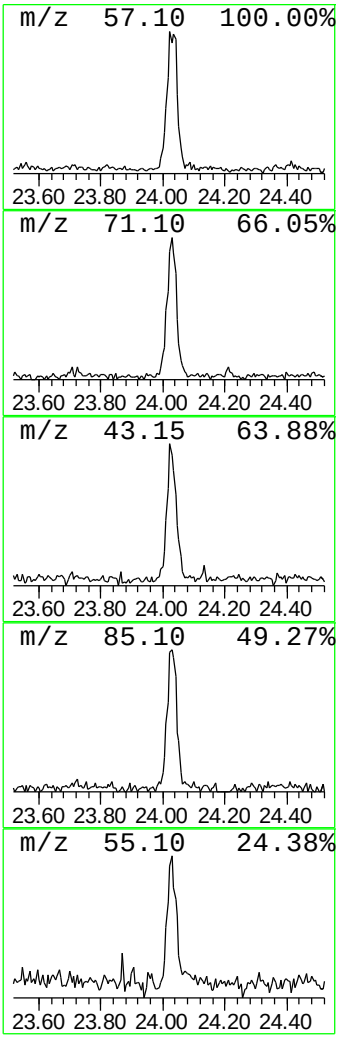
****

Peak Number 7 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	2.56 ng	174719	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Hexacosane	366	C26H54	000630-01-3	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Heneicosane	296	C21H44	000629-94-7	86





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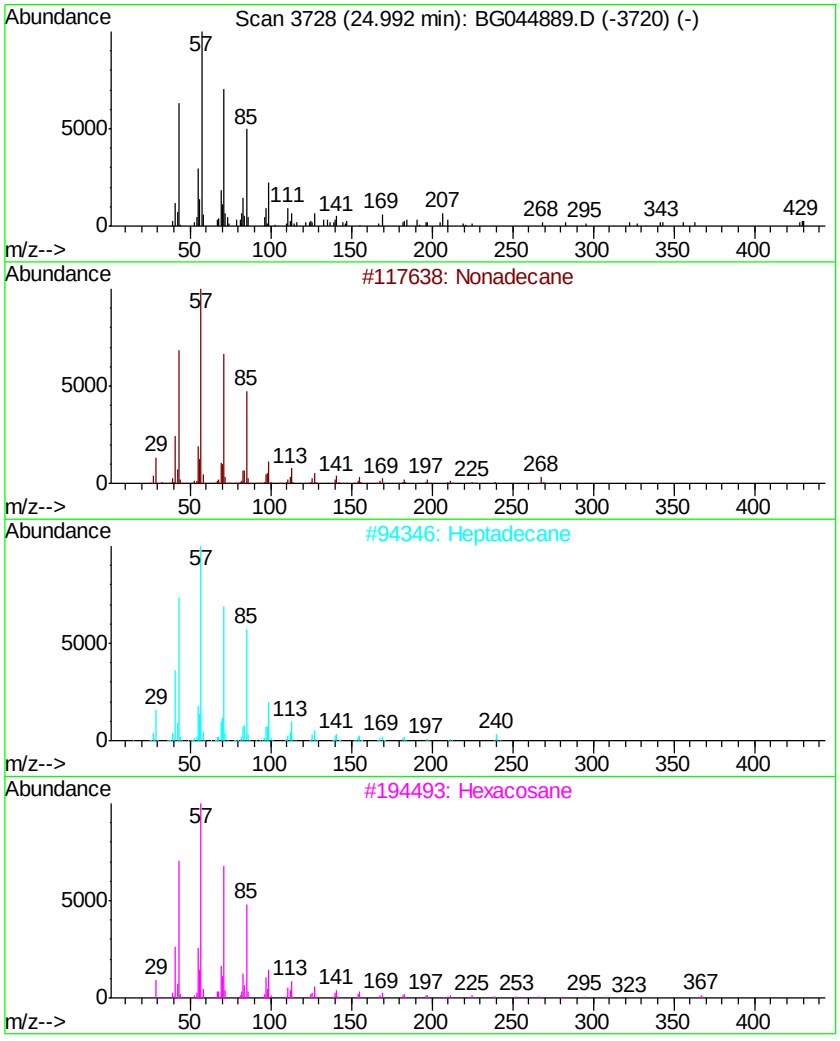
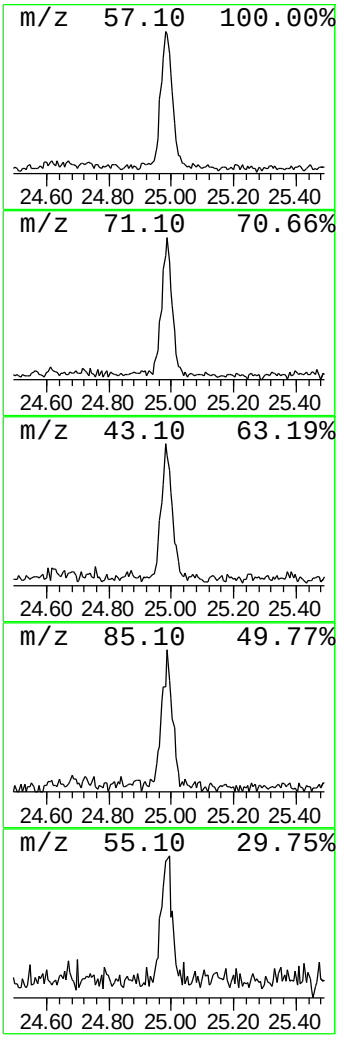
Peak Number 8 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	2.44 ng	166538	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexacosane	366	C26H54	000630-01-3	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86





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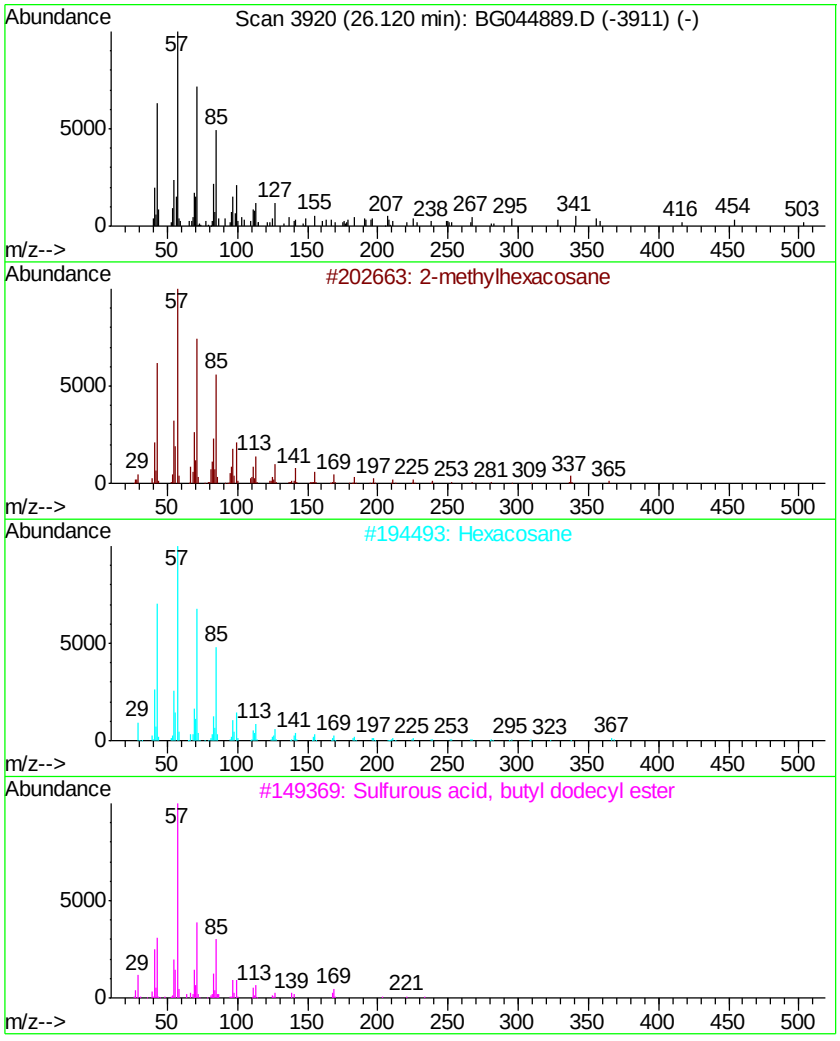
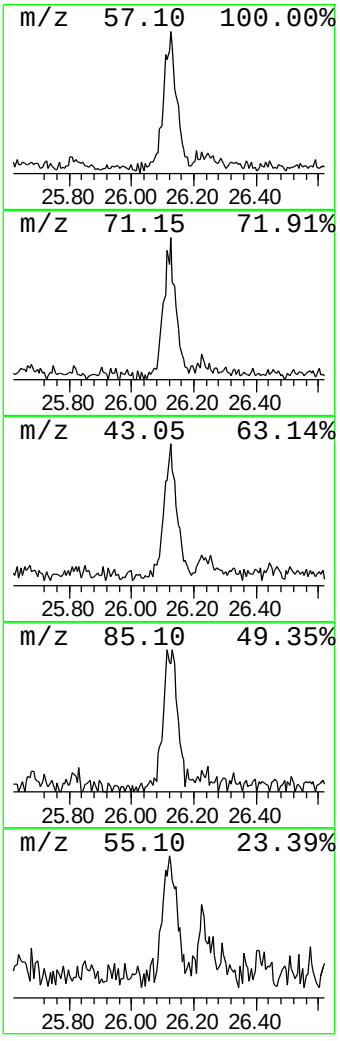
Peak Number 9 2-methylhexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.12	2.09 ng	142163	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methylhexacosane	380	C27H56	1000376-72-7	68
2	Hexacosane	366	C26H54	000630-01-3	68
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	68
4	Tetratetracontane	619	C44H90	007098-22-8	64
5	Heneicosane	296	C21H44	000629-94-7	64





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
Butane, 2-methoxy...	3.22	9.1	ng	199479	1	8.04	441044	20.0
2-Propenal, 3-(2,...	13.58	5.6	ng	243569	3	14.67	865937	20.0
Oxalic acid, isob...	21.35	2.4	ng	168226	5	21.68	1397160	20.0
Tetratetracontane	23.22	2.0	ng	140121	5	21.68	1397160	20.0
Nonadecane	24.02	2.6	ng	174719	6	24.89	1362430	20.0
Heptadecane	24.99	2.4	ng	166538	6	24.89	1362430	20.0
2-methylhexacosane	26.12	2.1	ng	142163	6	24.89	1362430	20.0