LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044850.D
Acq On : 18 Mar 2020 2:26
Operator : CG/JU
Sample : L1917-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-719

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	3.152	3	11	20	rBV3	126606	397863	6.38%	1.298%
2	3.234	20	25	32	rVB	94501	190190	3.05%	0.621%
3	5.620	424	431	440	rBV	718225	1217352	19.52%	3.972%
4	7.200	692	700	709	rVB	454261	806537	12.93%	2.632%
5	8.046	836	844	851	rBV	355249	622689	9.98%	2.032%
6	8.369	891	899	907	rBV	1322220	2372247	38.04%	7.741%
7	9.204	1034	1041	1050	rVB	1090867	2041801	32.74%	6.663%
8	10.855	1314	1322	1331	rBV	466423	864588	13.86%	2.821%
9	13.305	1731	1739	1748	rBV	2765280	4523600	72.53%	14.761%
10	14.122	1871	1878	1885	rBV	310772	466786	7.48%	1.523%
11	14.674	1964	1972	1980	rVB	715313	1204542	19.31%	3.930%
12	16.160	2217	2225	2235	rBV	2383564	3697686	59.29%	12.066%
13	17.424	2433	2440	2449	rVB	872949	1412096	22.64%	4.608%
14	18.317	2588	2592	2600	rBV	171340	286859	4.60%	0.936%
15	19.586	2804	2808	2816	rBV2	79410	120701	1.94%	0.394%
16	19.838	2843	2851	2858	rBV4	34891	103181	1.65%	0.337%
17	20.032	2878	2884	2890	rBV	4649214	6236441	100.00%	20.350%
18	21.354	3104	3109	3115	rBV3	135496	232105	3.72%	0.757%
19	21.689	3159	3166	3172	rVB2	834325	1422696	22.81%	4.642%
20	21.907	3200	3203	3212	rVB2	81993	124607	2.00%	0.407%
21	22.523	3303	3308	3315	rBV3	79413	140007	2.24%	0.457%
22	23.223	3422	3427	3434	rVB2	97678	194873	3.12%	0.636%
23	24.039	3559	3566	3574	rBV	88598	191031	3.06%	0.623%
24	24.891	3702	3711	3721	rVV2	509710	1464429	23.48%	4.779%
25	24.997	3724	3729	3738	rVB4	70239	180750	2.90%	0.590%
26	26.137	3918	3923	3931	rVB5	52261	130422	2.09%	0.426%

Sum of corrected areas: 30646079

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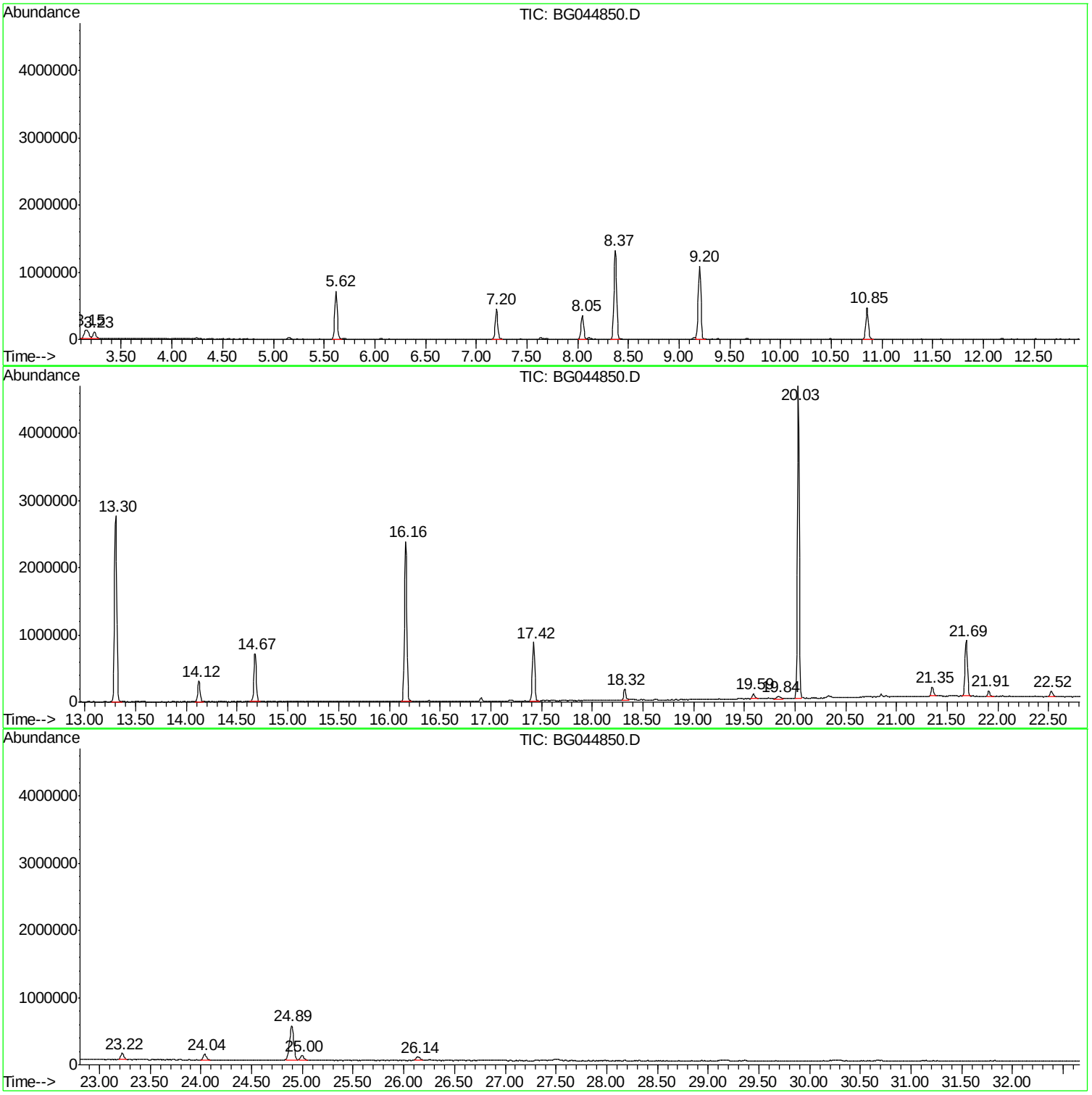
BNA_G
ClientSampleId :
MH-719

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 Library : C:\Database\NIST11.L
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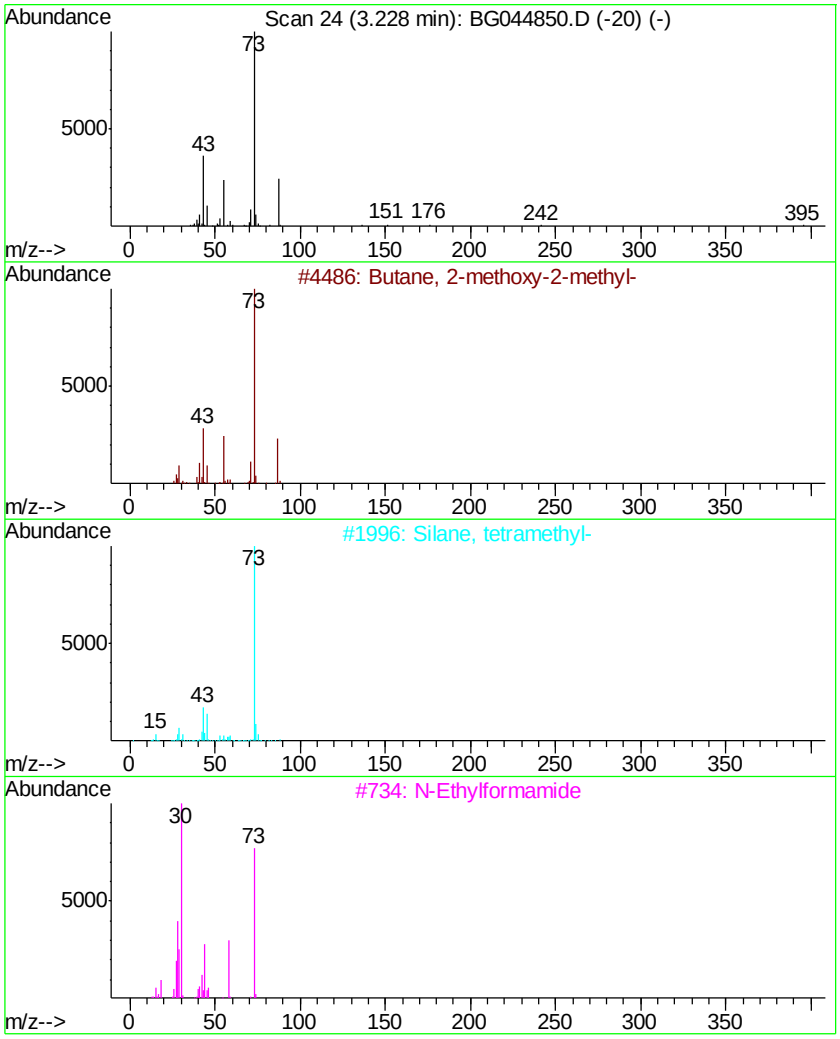
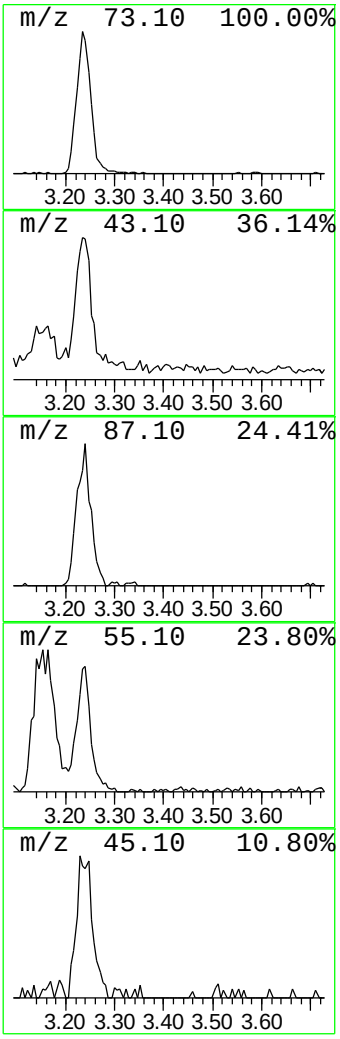
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	6.11 ng	190190	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	72
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : MH-719

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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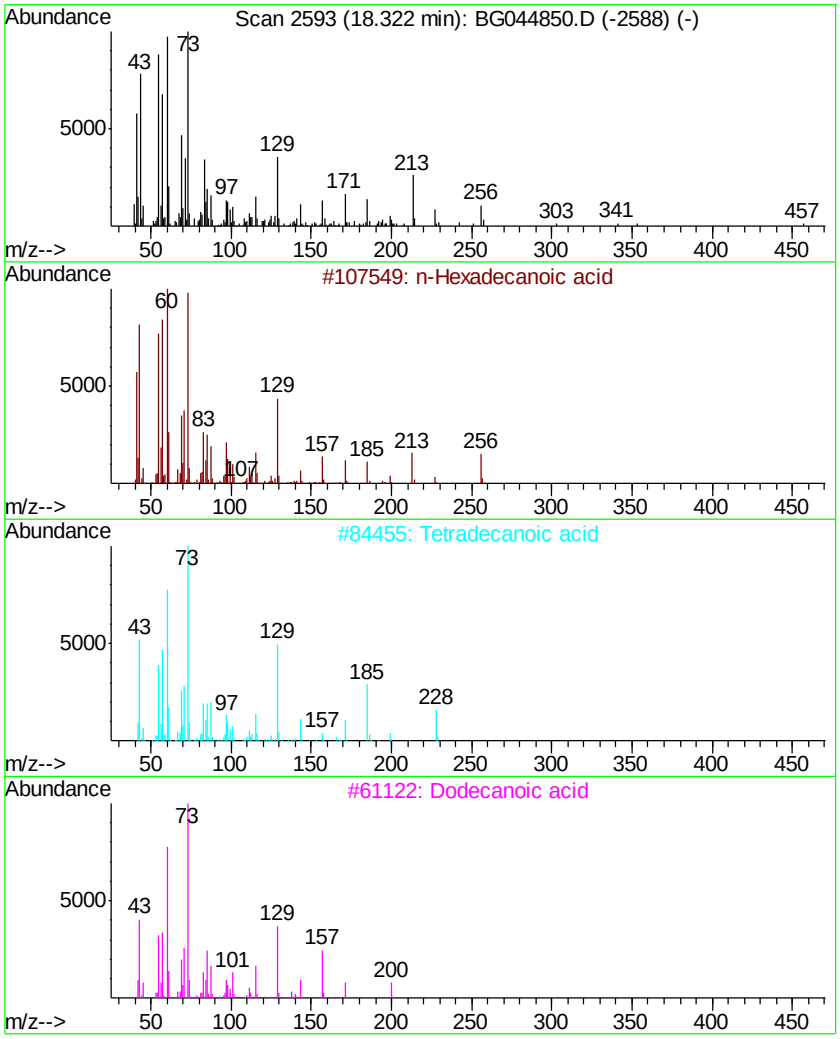
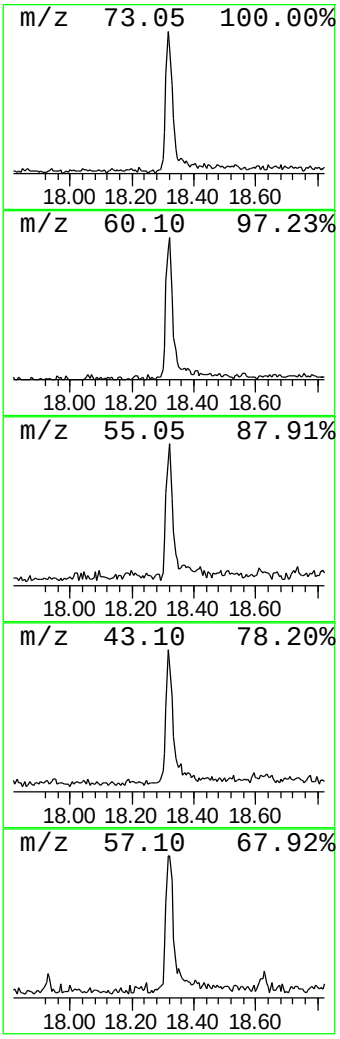
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.06 ng	286859	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Dodecanoic acid	200	C12H24O2	000143-07-7	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76





Library Search Compound Report

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Operator : CG/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-719

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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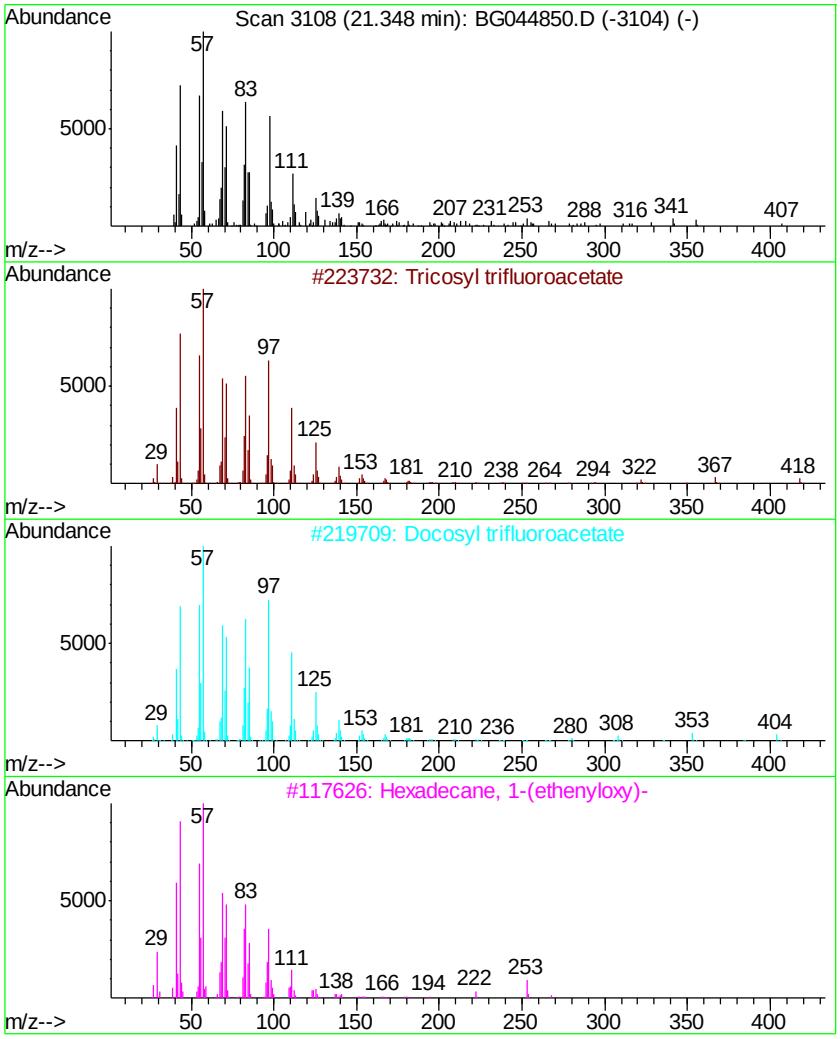
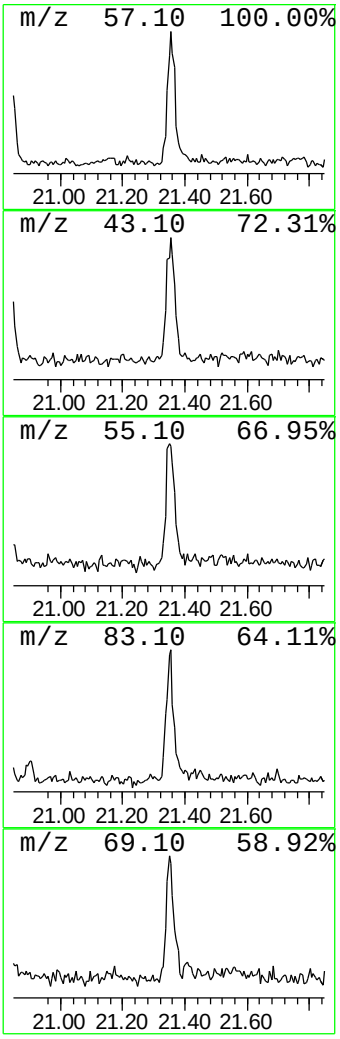
****

Peak Number 5 Tricosyl trifluoroacetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.26 ng	232105	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	87
2	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	86
3	Hexadecane, 1-(ethenyloxy)-	268	C18H36O	000822-28-6	83
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	64
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	64





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Instrument : BNA_G
ClientSampleId : MH-719

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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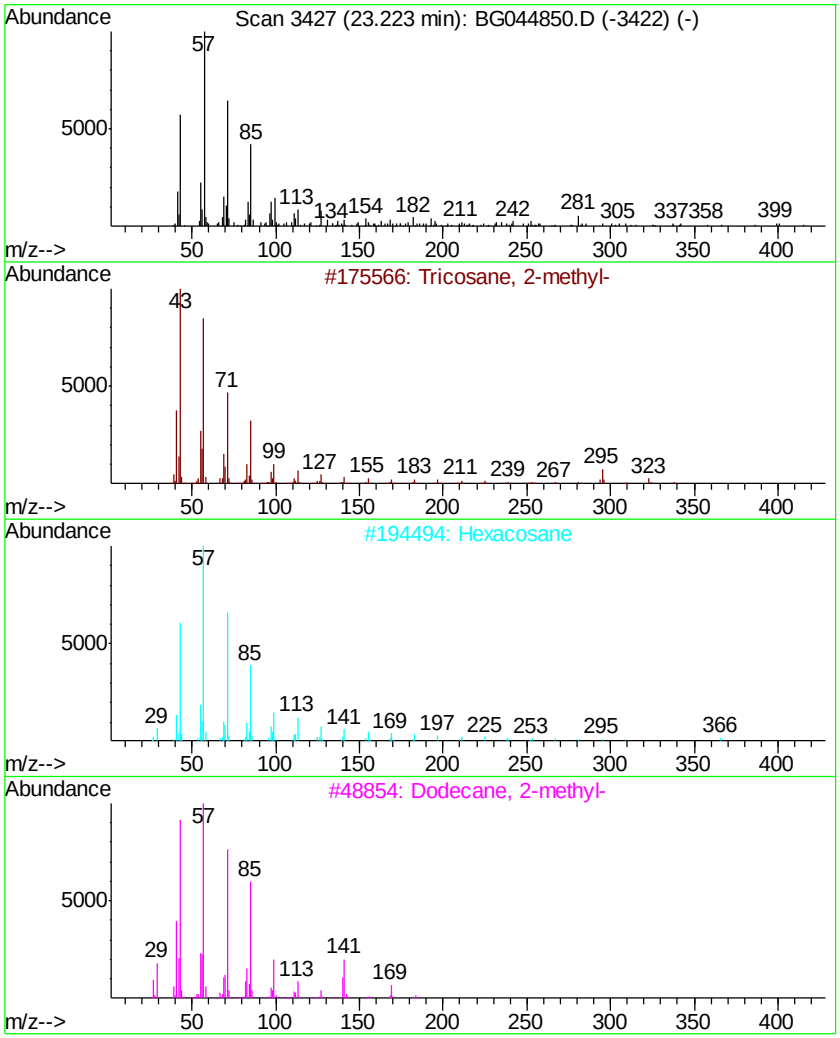
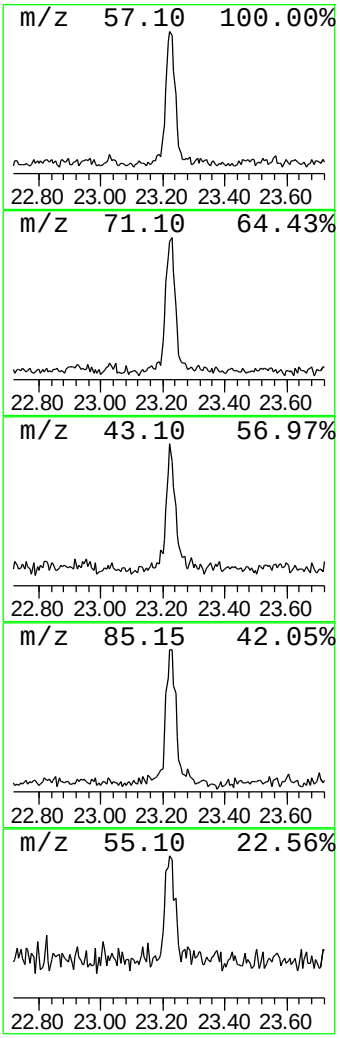
****

Peak Number 6 Tricosane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	2.74 ng	194873	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4	Pentacosane	352	C25H52	000629-99-2	83
5	Octacosane	394	C28H58	000630-02-4	80





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-719

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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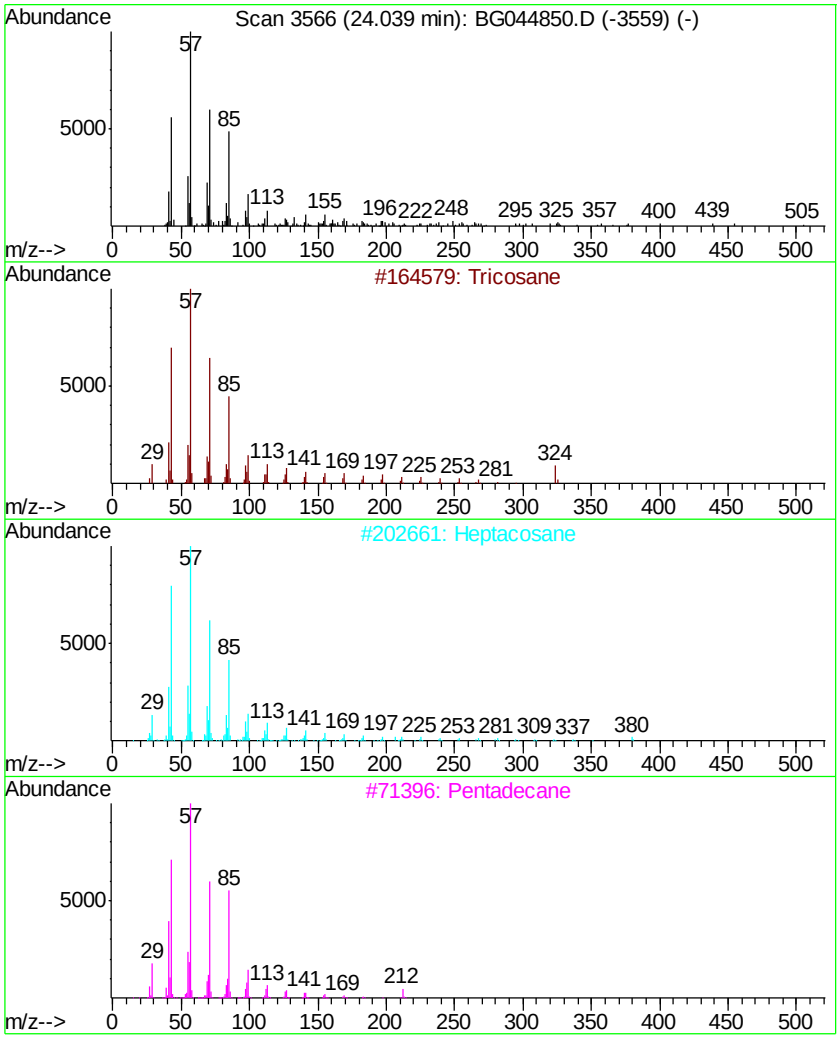
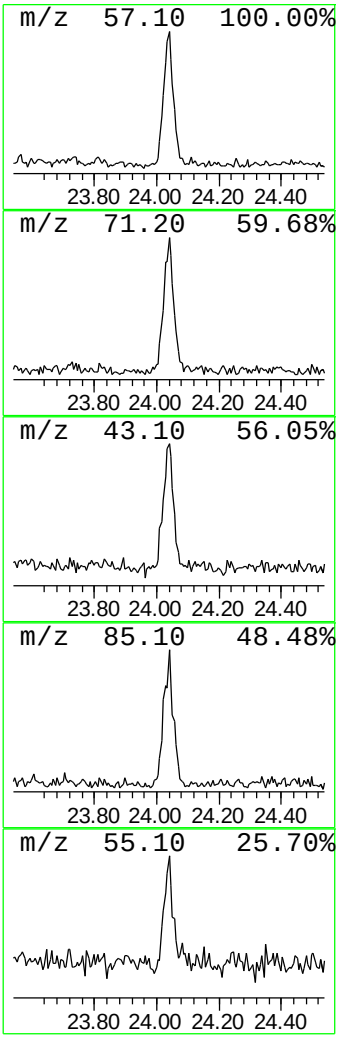
****

Peak Number 7 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.61 ng	191031	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	91
2	Heptacosane	380	C27H56	000593-49-7	83
3	Pentadecane	212	C15H32	000629-62-9	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Hexadecane	226	C16H34	000544-76-3	83





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Instrument : BNA_G
ClientSampleId : MH-719

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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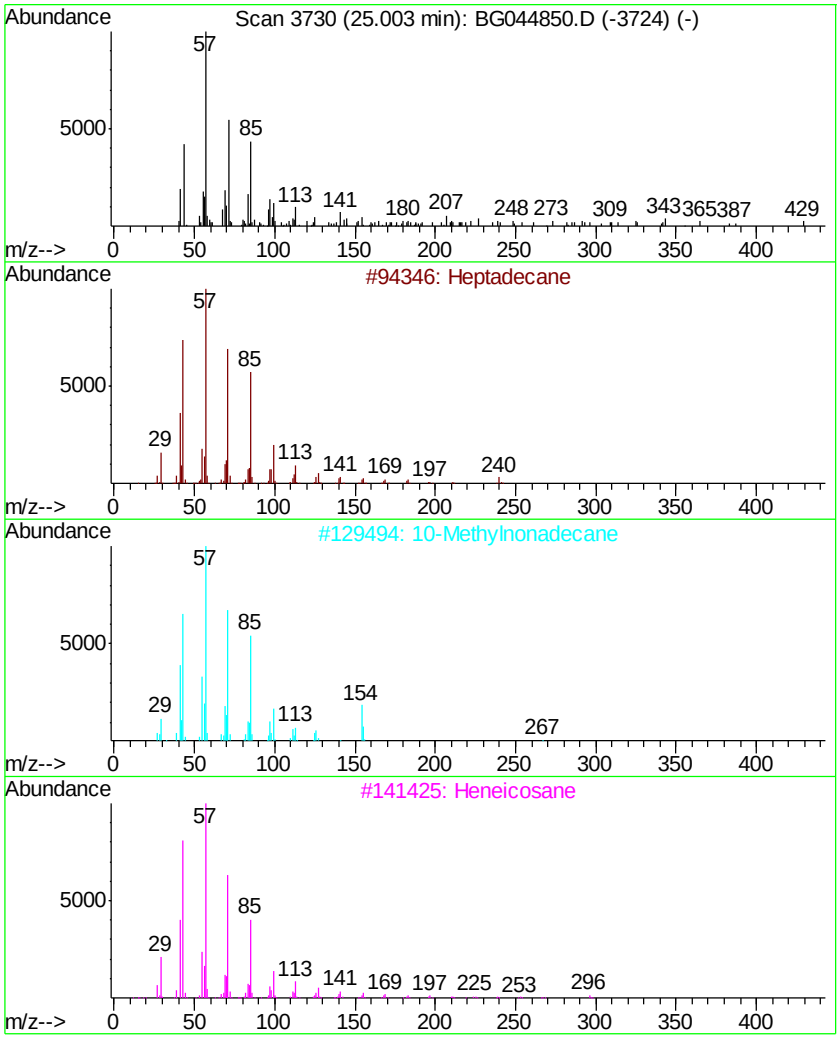
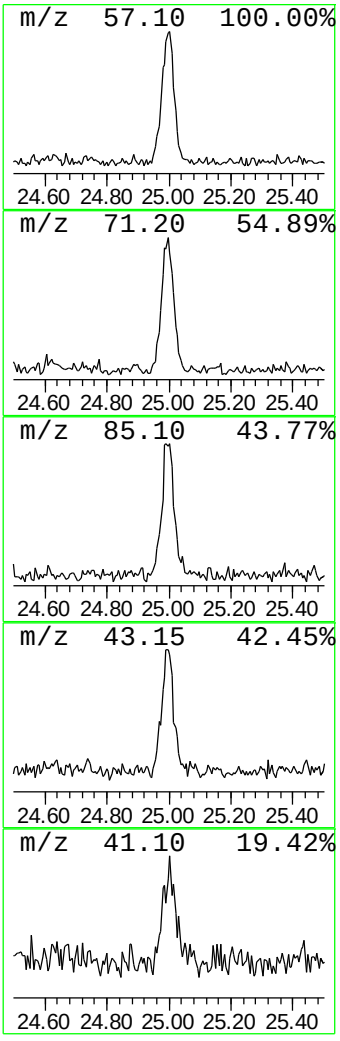
Peak Number 8 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.00	2.47 ng	180750	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	81
2	10-Methylnonadecane	282	C20H42	056862-62-5	80
3	Heneicosane	296	C21H44	000629-94-7	76
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
5	Hentriacontane	437	C31H64	000630-04-6	72





Tentatively Identified Compound (LSC) summary

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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...	3.23	6.1	ng	190190	1	8.05	622689	20.0
n-Hexadecanoic acid	18.32	4.1	ng	286859	4	17.42	1412100	20.0
Tricosyl trifluor...	21.35	3.3	ng	232105	5	21.69	1422700	20.0
Tricosane, 2-methyl-	23.22	2.7	ng	194873	5	21.69	1422700	20.0
Tricosane	24.04	2.6	ng	191031	6	24.90	1464430	20.0
Heptadecane	25.00	2.5	ng	180750	6	24.90	1464430	20.0