LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035359.D
Acq On : 23 Jun 2018 9:02
Operator : JU/SJ
Sample : J3587-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-TIPC-F-U-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-BG060718.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	5.632	391	399	408	rBV	271683	461734	10.52%	2.644%
2	7.212	660	668	681	rBV	191665	358623	8.17%	2.054%
3	7.588	723	732	740	rBV	492461	874134	19.91%	5.006%
4	8.052	804	811	821	rBV	150984	266023	6.06%	1.523%
5	8.375	858	866	878	rVB	722478	1275955	29.06%	7.306%
6	9.215	999	1009	1019	rBV	593185	1066404	24.29%	6.107%
7	10.860	1281	1289	1298	rBV	179427	325738	7.42%	1.865%
8	13.298	1695	1704	1714	rBV	1662353	2629310	59.88%	15.056%
9	14.120	1838	1844	1853	rBV	43548	66178	1.51%	0.379%
10	14.673	1931	1938	1946	rVB3	307633	513914	11.70%	2.943%
11	15.959	2152	2157	2163	rVB	127808	163779	3.73%	0.938%
12	16.159	2184	2191	2198	rBV	951493	1420639	32.35%	8.135%
13	17.416	2397	2405	2412	rBV2	456769	691589	15.75%	3.960%
14	18.297	2551	2555	2563	rBV2	59089	83559	1.90%	0.478%
15	19.566	2765	2771	2778	rBV4	39891	60860	1.39%	0.349%
16	20.024	2843	2849	2858	rBV	3344519	4391049	100.00%	25.144%
17	20.817	2979	2984	2988	rBV3	45656	57001	1.30%	0.326%
18	21.328	3064	3071	3081	rBV2	65635	102916	2.34%	0.589%
19	21.681	3124	3131	3138	rBV2	543134	872972	19.88%	4.999%
20	21.875	3159	3164	3170	rVB2	77855	106840	2.43%	0.612%
21	22.480	3259	3267	3272	rBV2	80603	136900	3.12%	0.784%
22	23.173	3379	3385	3393	rBV2	89001	166450	3.79%	0.953%
23	23.978	3514	3522	3529	rBV3	80457	177505	4.04%	1.016%
24	24.906	3666	3680	3692	rBV3	302229	993556	22.63%	5.689%
25	26.057	3868	3876	3886	rVB4	46462	142066	3.24%	0.814%
26	27.414	4100	4107	4115	rVB8	21264	57599	1.31%	0.330%

Sum of corrected areas: 17463293

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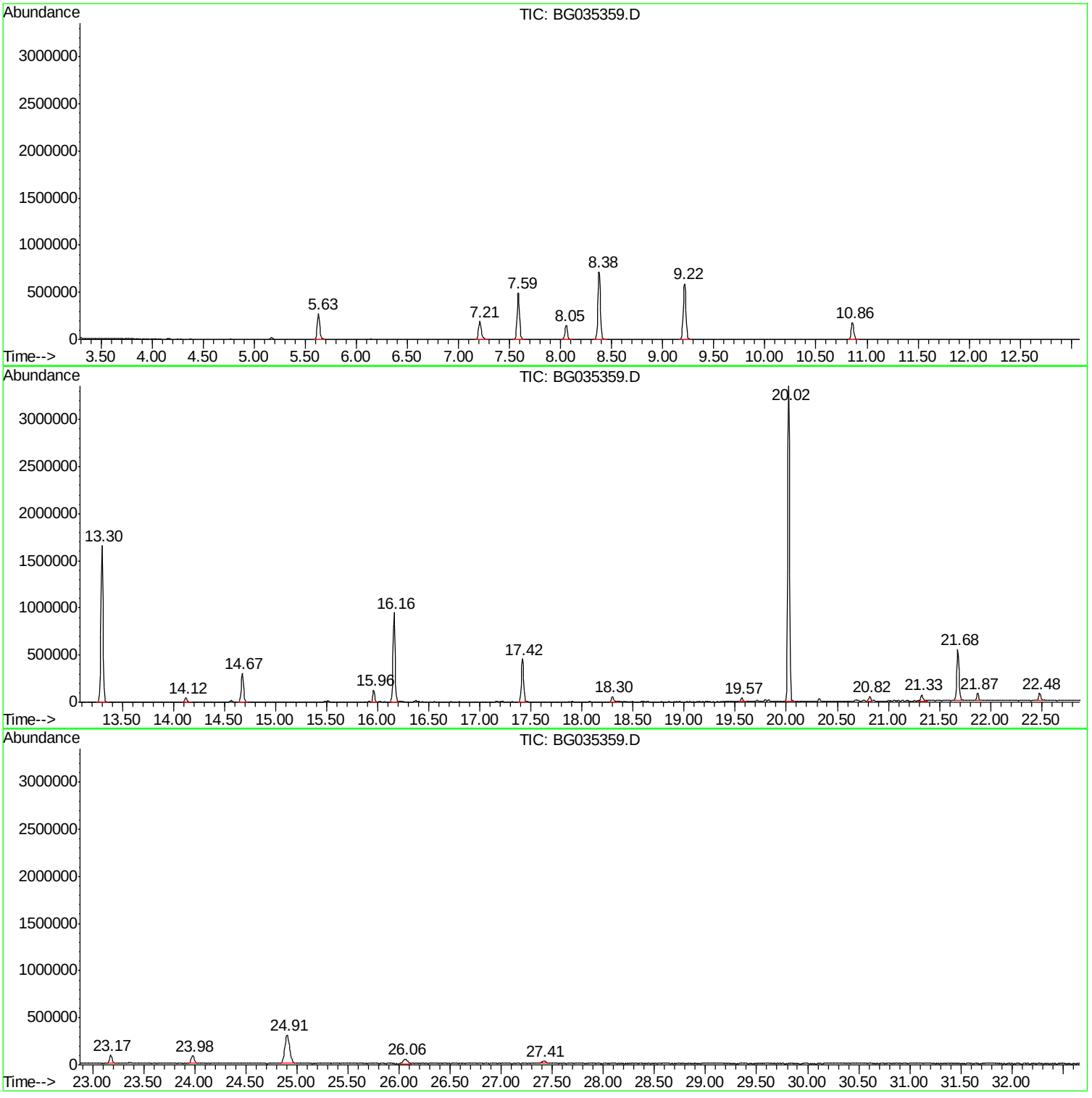
BNA_G
ClientSampleId :
061818-TIPC-F-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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

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

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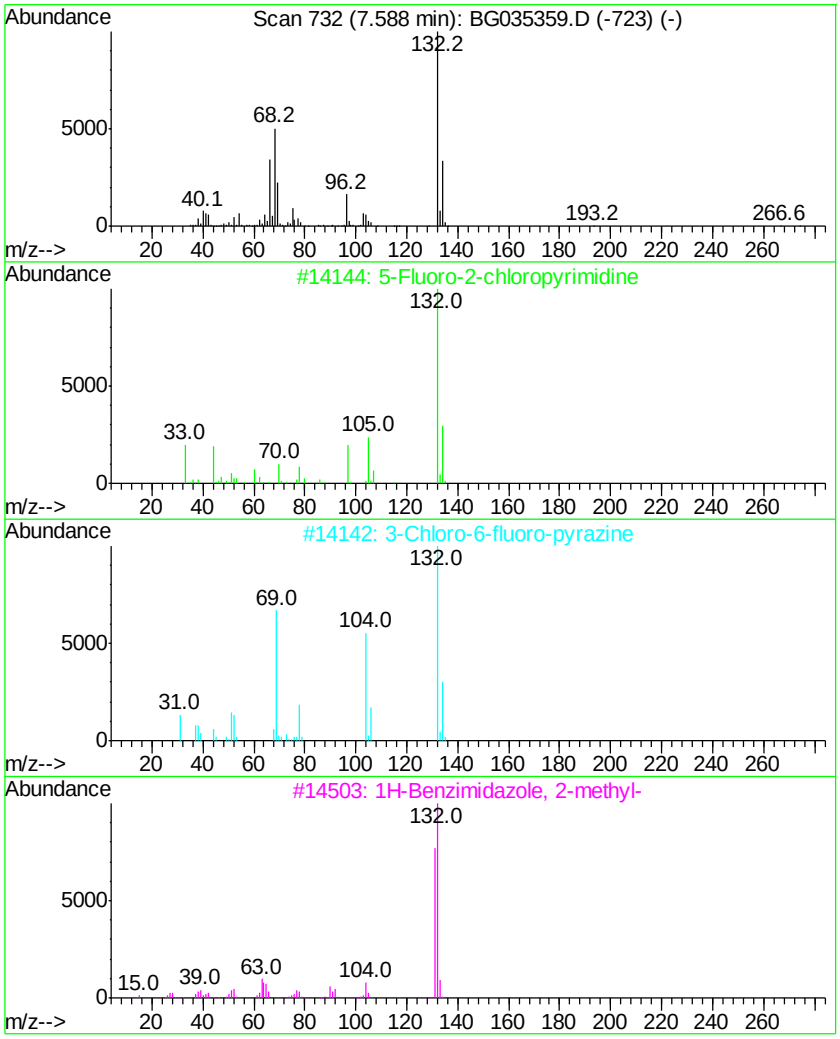
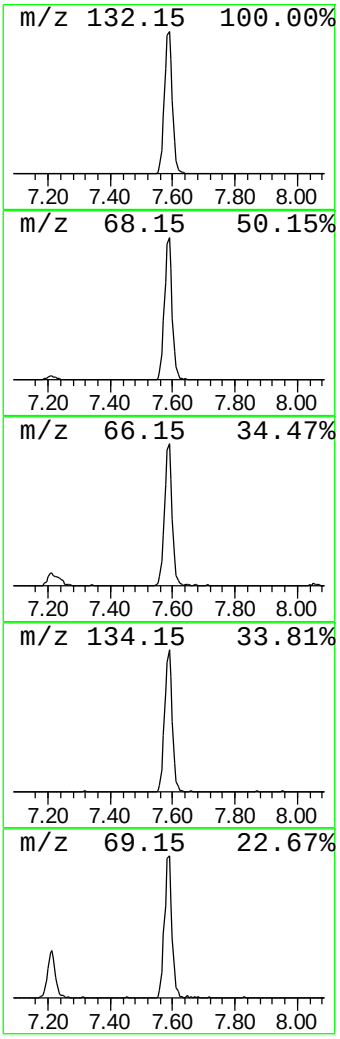
Peak Number 1 unknown7.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	65.72 ng	874134	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Operator : JU/SJ
Sample : J3587-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-TIPC-F-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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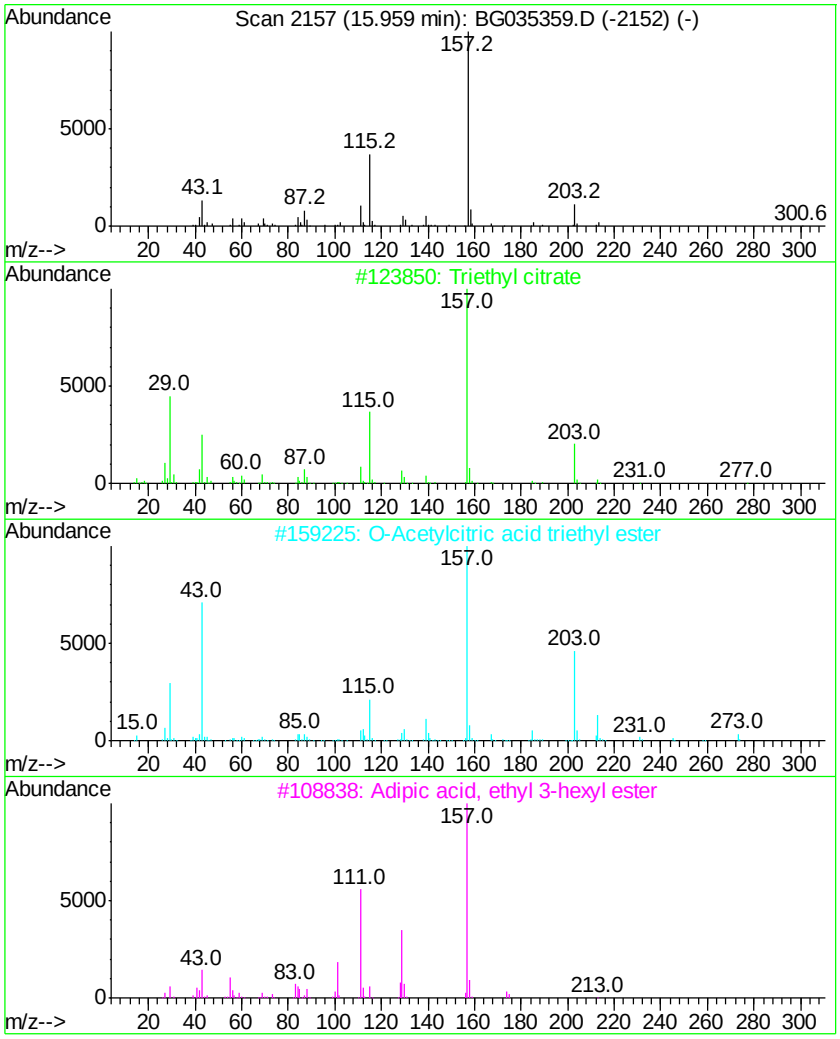
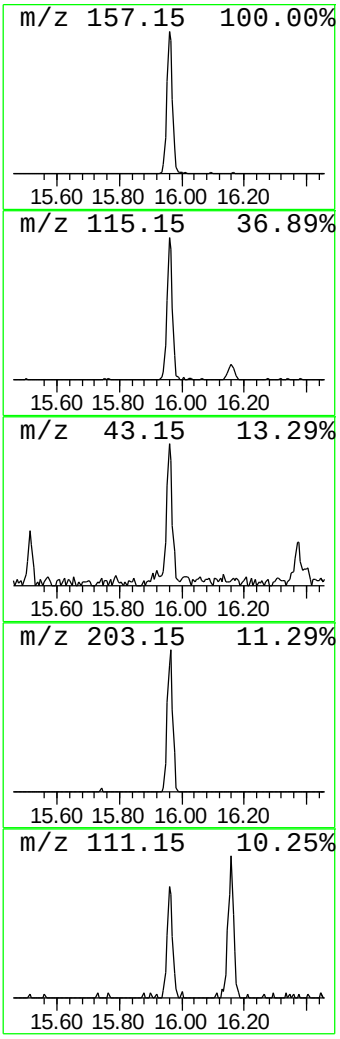
Peak Number 3 Triethyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	6.37 ng	163779	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	86
2	O-Acetylcitric acid triethyl ester	318	C14H22O8	000077-89-4	56
3	Adipic acid, ethyl 3-hexyl ester	258	C14H26O4	1000353-62-1	50
4	Quinoline, 4,8-dimethyl-	157	C11H11N	013362-80-6	38
5	N-Methoxy-2,2-dicarbomethoxyazir...	189	C7H11NO5	053084-34-7	37





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Sample : J3587-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-TIPC-F-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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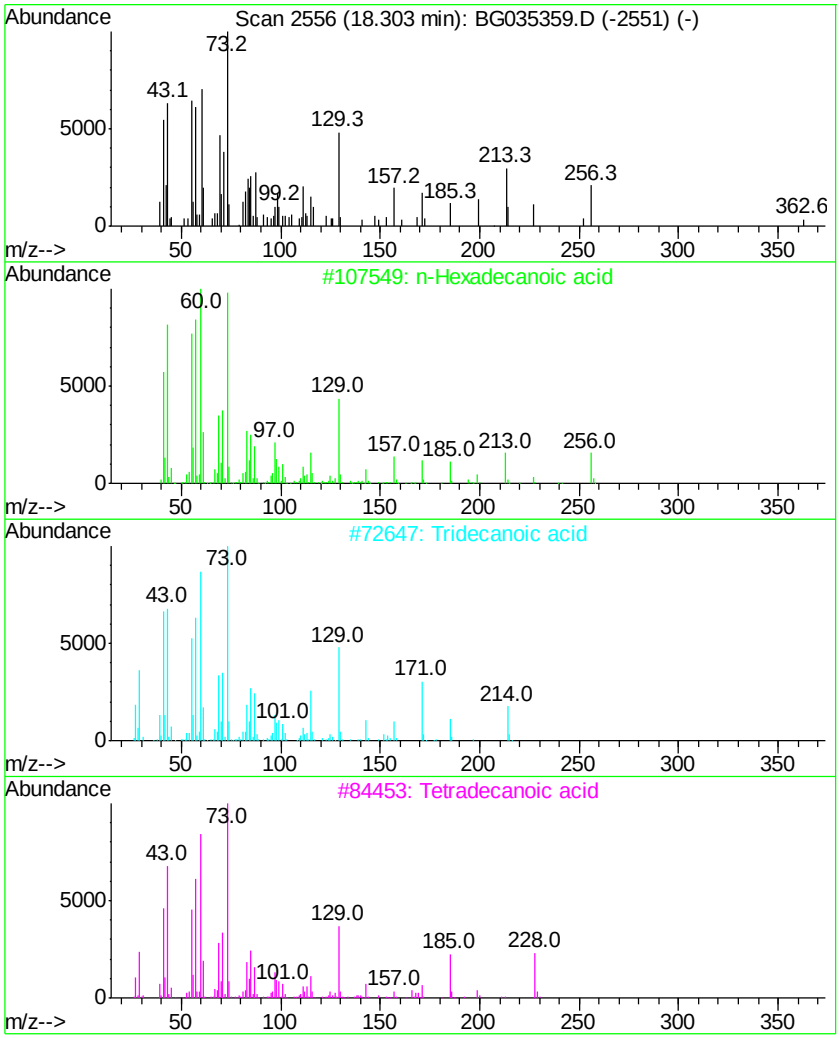
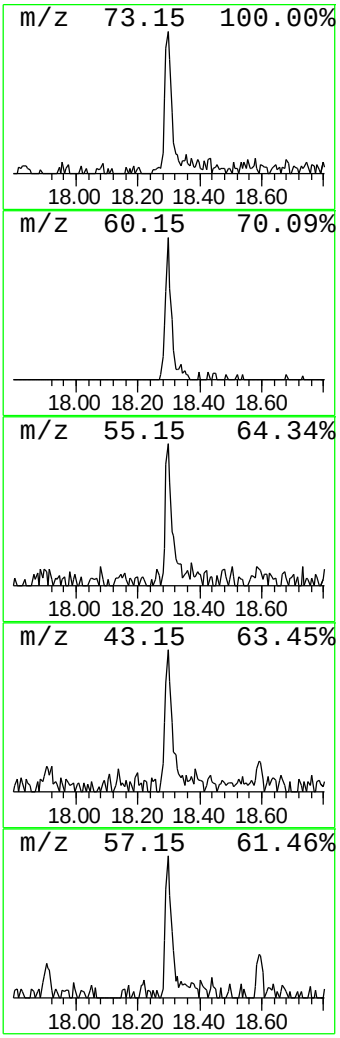
Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.42 ng	83559	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	58
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
4	Hexanoic acid	116	C6H12O2	000142-62-1	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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Misc :
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Instrument : BNA_G
ClientSampleId : 061818-TIPC-F-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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TIC Library : C:\Database\NIST11.L
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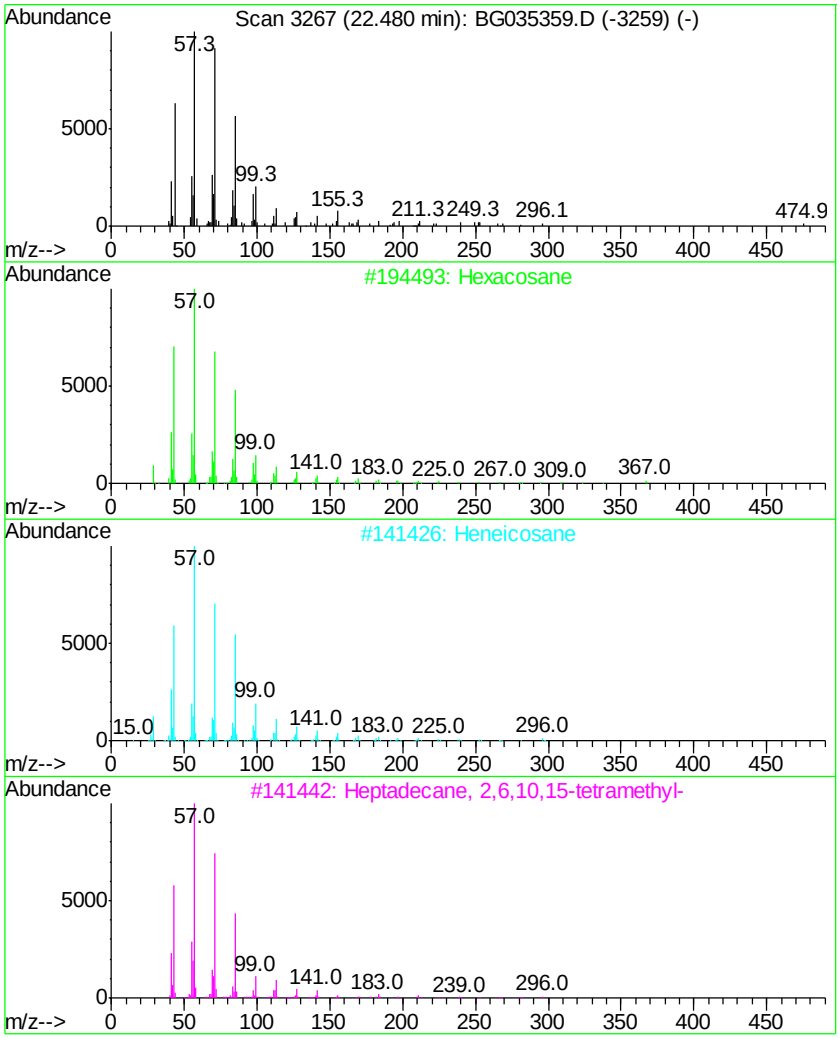
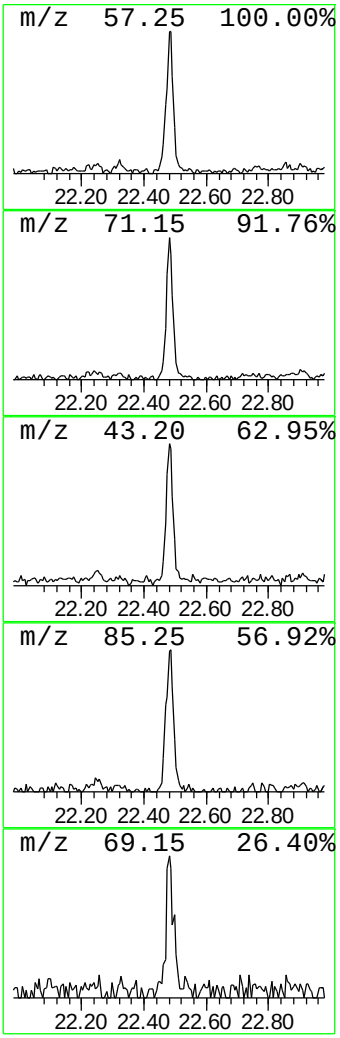
Peak Number 7 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	3.14 ng	136900	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	89
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86





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Instrument : BNA_G
ClientSampleId : 061818-TIPC-F-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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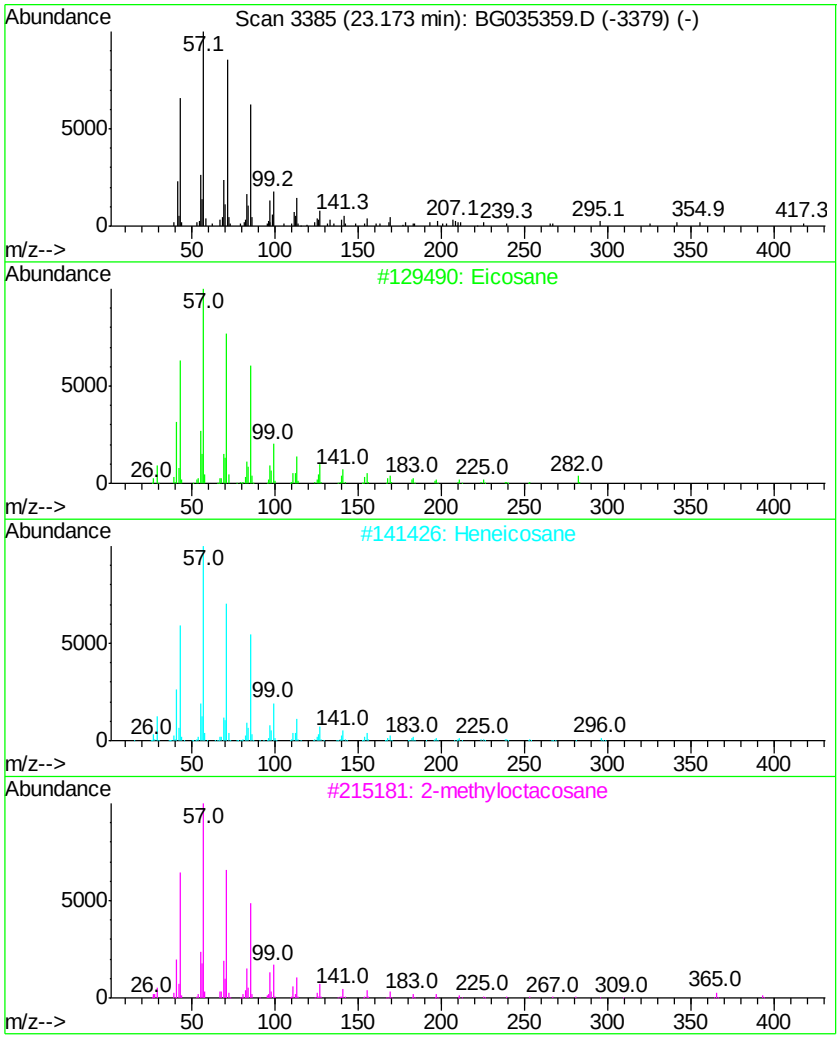
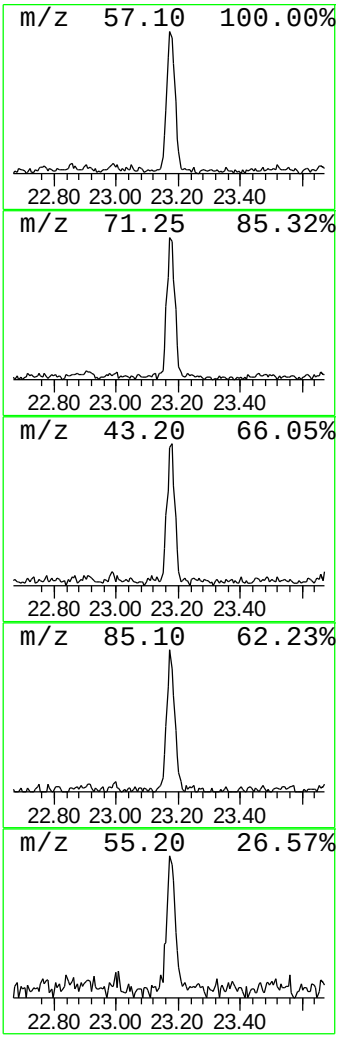
Peak Number 8 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	3.81 ng	166450	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Instrument : BNA_G
ClientSampleId : 061818-TIPC-F-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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TIC Library : C:\Database\NIST11.L
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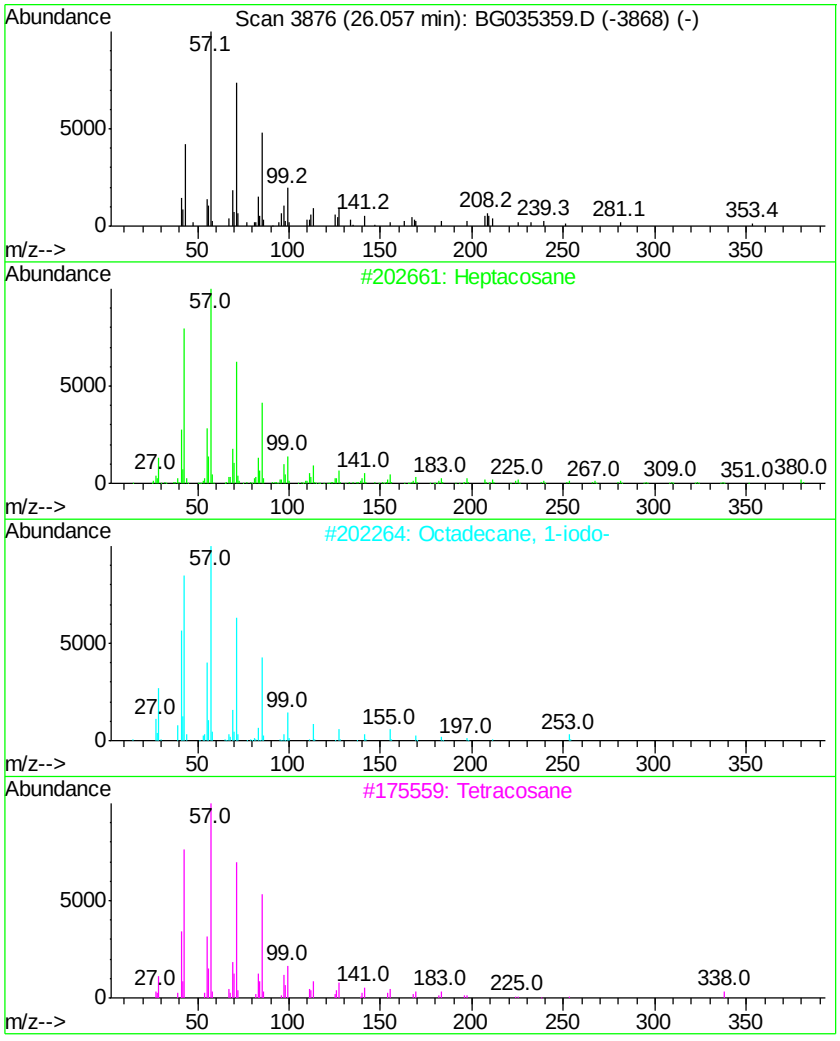
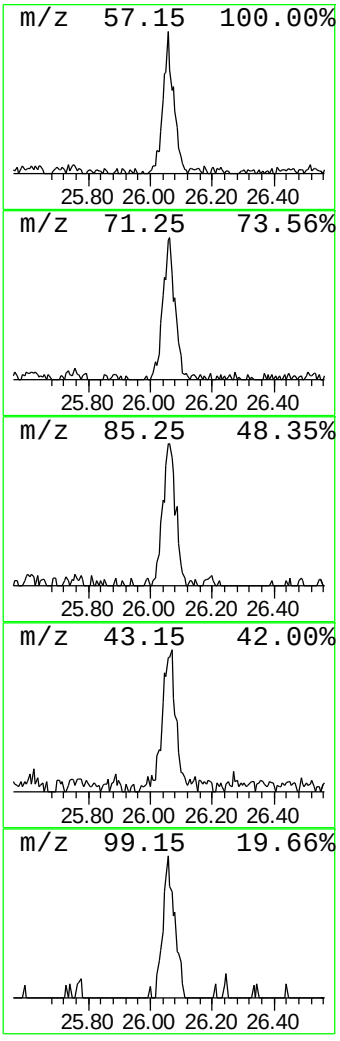
Peak Number 10 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.06	2.86 ng	142066	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





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
unknown7.59	7.59	65.7	ng	874134	1	8.05	266023	20.0
Triethyl citrate	15.96	6.4	ng	163779	3	14.67	513914	20.0
n-Hexadecanoic acid	18.30	2.4	ng	83559	4	17.42	691589	20.0
Hexacosane	22.48	3.1	ng	136900	5	21.68	872972	20.0
Eicosane	23.17	3.8	ng	166450	5	21.68	872972	20.0
Heptacosane	26.06	2.9	ng	142066	6	24.91	993556	20.0