LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048456.D
Acq On : 22 Mar 2021 23:57
Operator : CG/JU
Sample : M1707-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ELEVATOR-511-EL-162-157

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-BG031821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048456.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.647	385	393	403	rVB	698270	1105523	37.23%	7.473%
2	7.245	657	665	680	rVB	708482	1241418	41.81%	8.391%
3	8.103	799	811	819	rBV	188799	316484	10.66%	2.139%
4	9.266	1001	1009	1020	rVB	437639	770928	25.96%	5.211%
5	10.923	1280	1291	1302	rBV	241213	430623	14.50%	2.911%
6	13.367	1700	1707	1714	rVB	1159038	1714794	57.75%	11.591%
7	14.184	1841	1846	1852	rBV2	34472	50296	1.69%	0.340%
8	14.742	1934	1941	1952	rVB	413360	640098	21.56%	4.327%
9	16.229	2187	2194	2202	rBV	1217810	1754193	59.08%	11.857%
10	17.492	2402	2409	2415	rBV	602430	889170	29.95%	6.010%
11	18.373	2554	2559	2566	rBV3	105258	158877	5.35%	1.074%
12	18.884	2640	2646	2652	rBV	18946	36709	1.24%	0.248%
13	19.143	2684	2690	2695	rBV	83815	106452	3.59%	0.720%
14	19.231	2700	2705	2712	rVB2	20542	32497	1.09%	0.220%
15	19.642	2770	2775	2782	rBV3	67869	104801	3.53%	0.708%
16	20.100	2847	2853	2859	rBV	2310327	2969124	100.00%	20.069%
17	21.411	3072	3076	3085	rBV3	99555	217478	7.32%	1.470%
18	21.781	3132	3139	3148	rVB	631871	1049137	35.33%	7.091%
19	23.303	3392	3398	3405	rBV2	80253	170663	5.75%	1.154%
20	25.112	3696	3706	3723	rVB2	343535	1035288	34.87%	6.998%

Sum of corrected areas: 14794553

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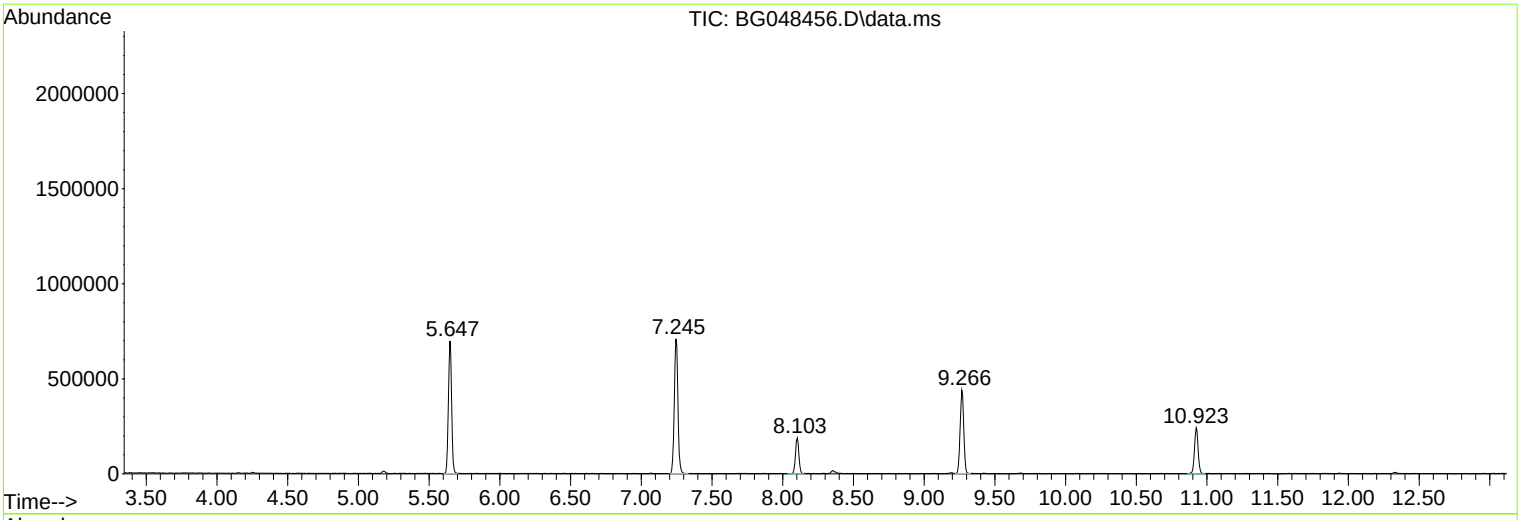
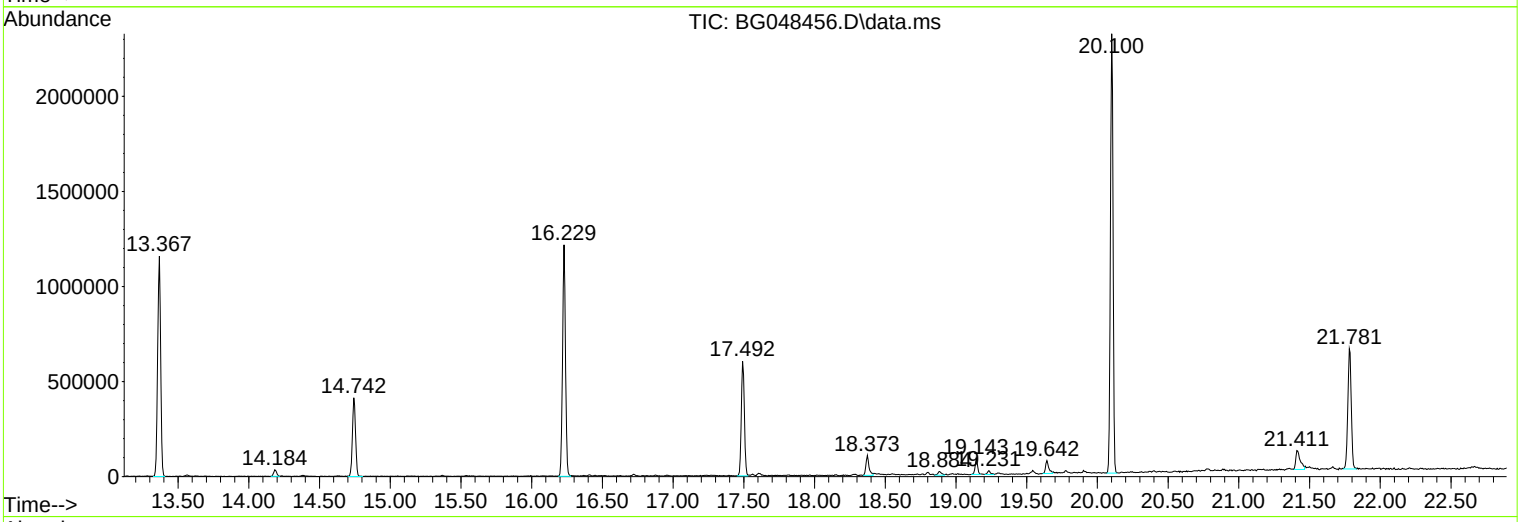
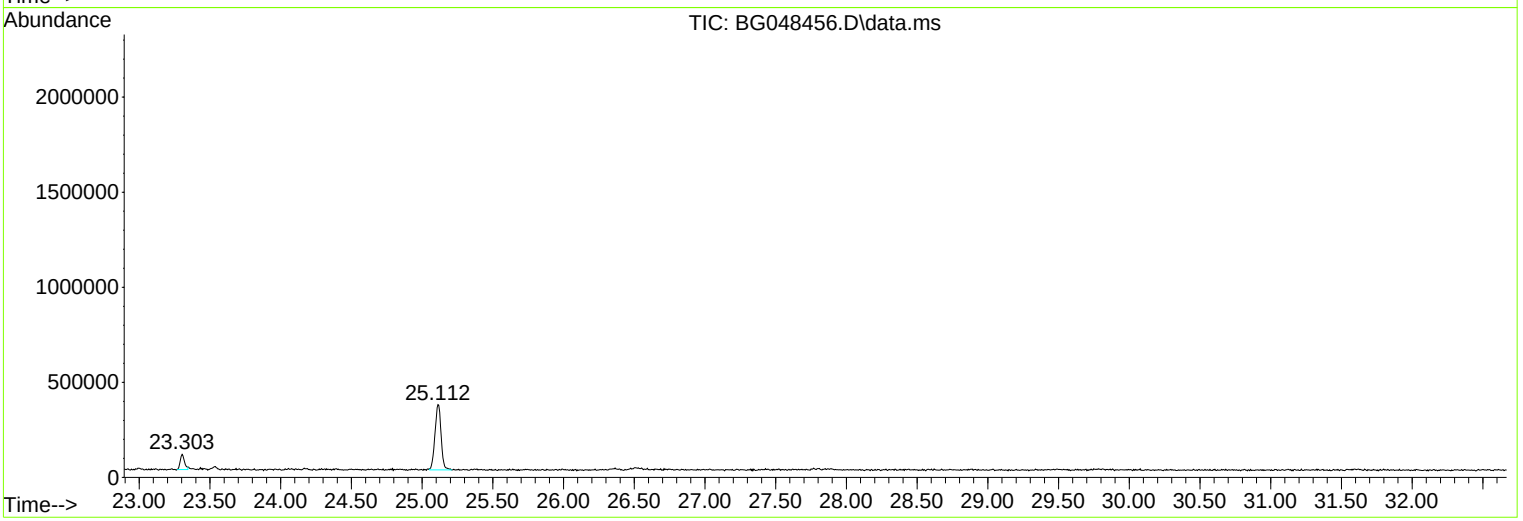
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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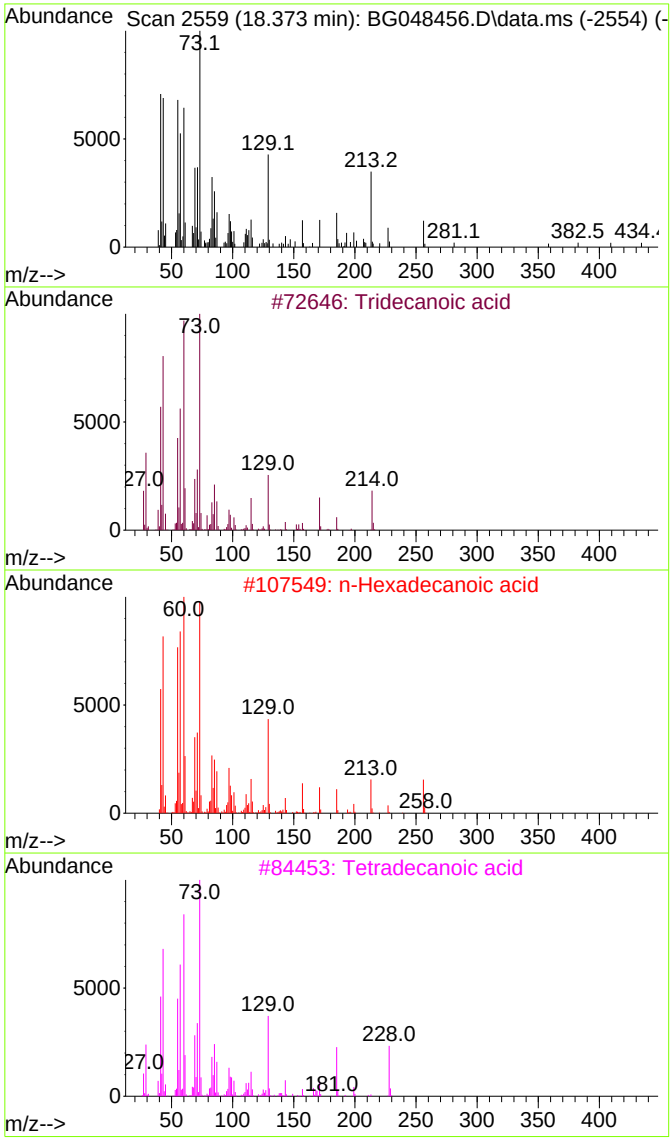
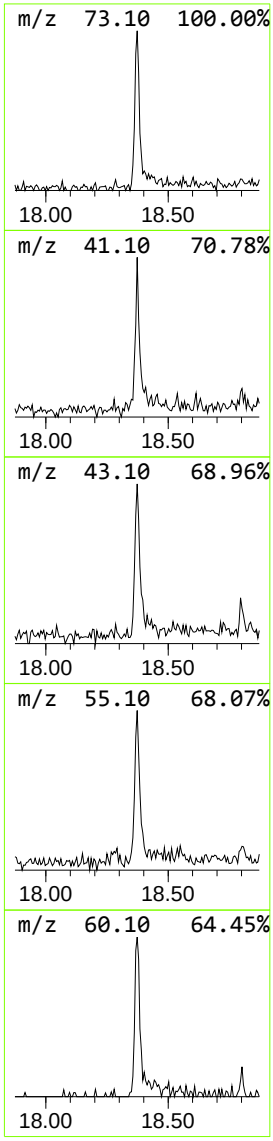
Peak Number 1 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.373	3.57 ng	158877	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	70
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Octadecanoic acid	284	C18H36O2	000057-11-4	43
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	43





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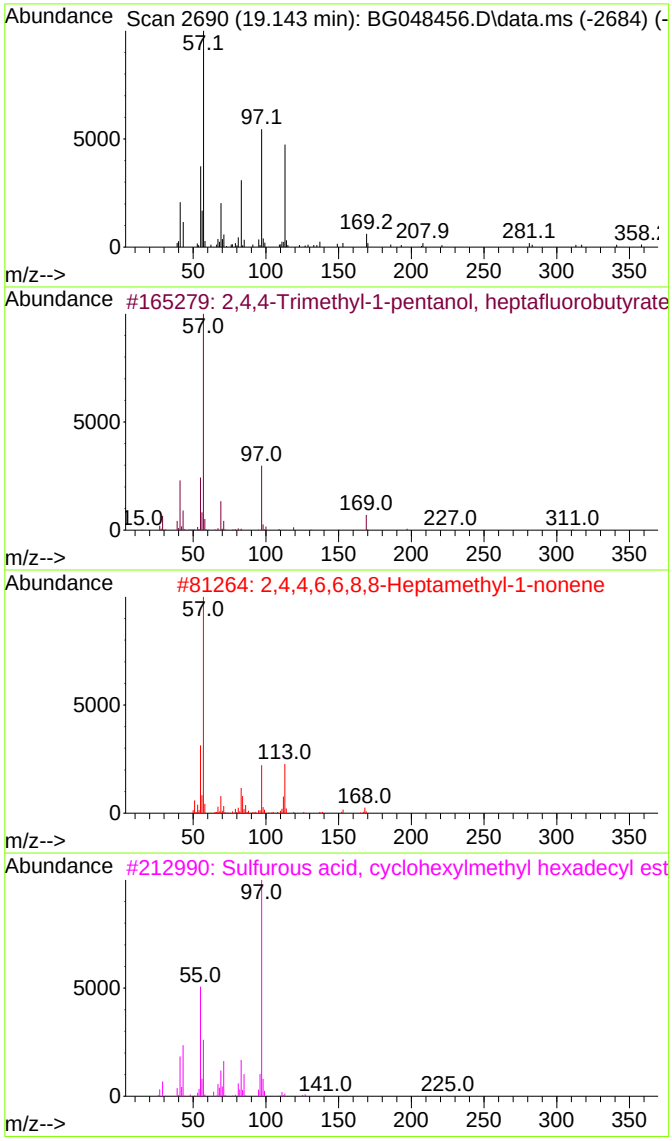
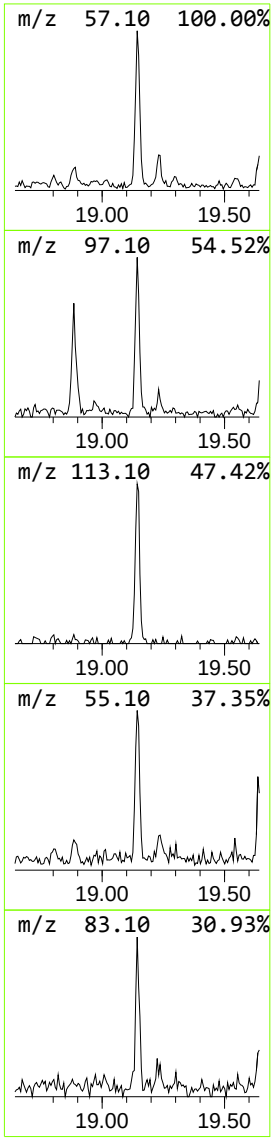
Peak Number 2 unknown19.143 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.143	2.39 ng	106452	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	35
2	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	32
3	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	16
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	14
5	Cyclopentanecarboxylic acid, 4-t...	310	C20H38O2	1000280-58-9	14





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BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
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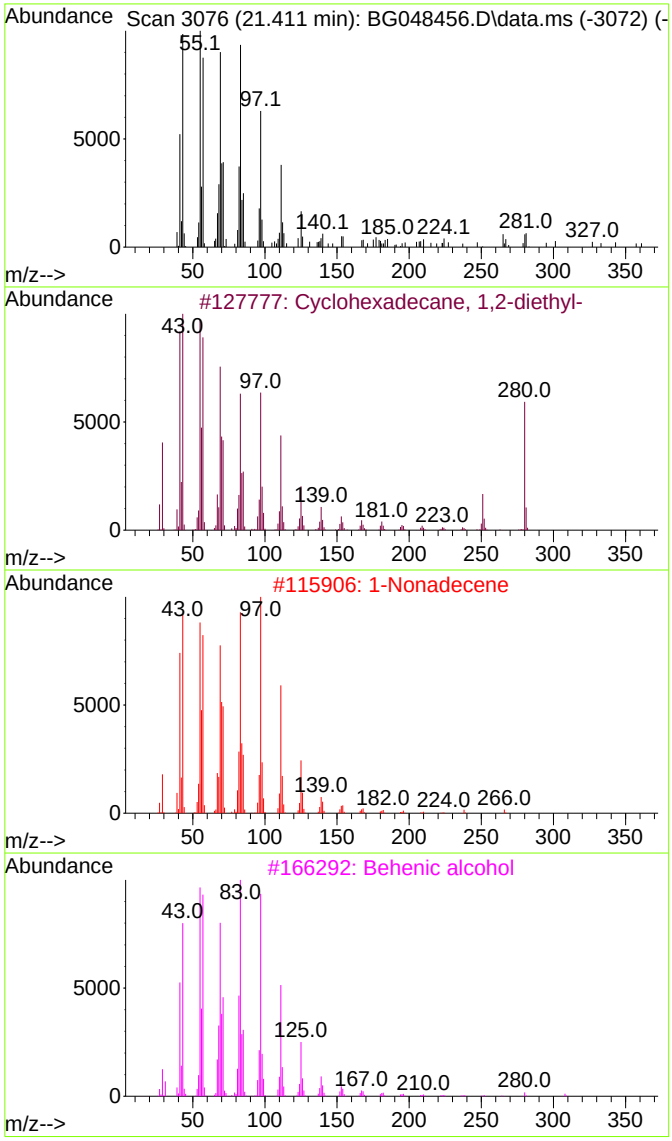
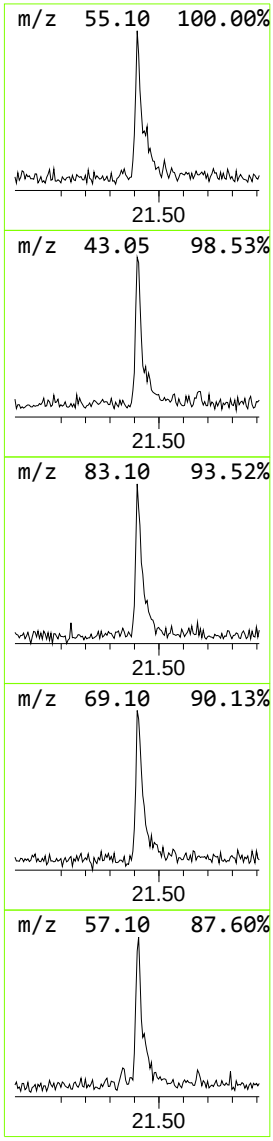
Peak Number 3 Cyclohexadecane, 1,2-diethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.411	4.15 ng	217478	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Cycloeicosane	280	C20H40	000296-56-0	90
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	83





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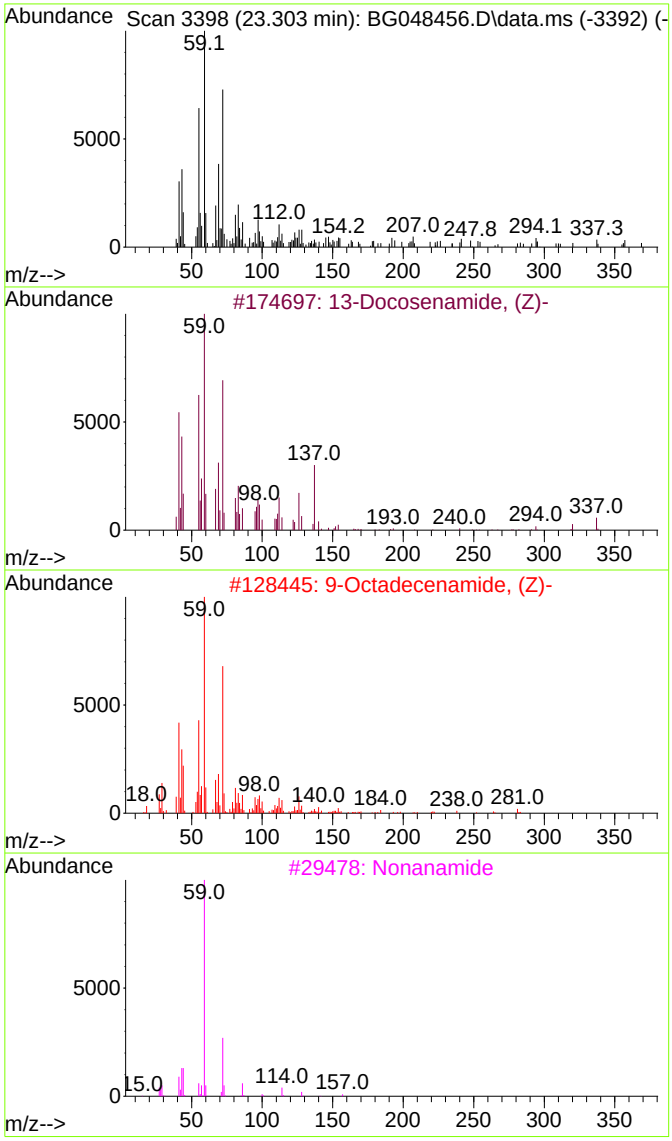
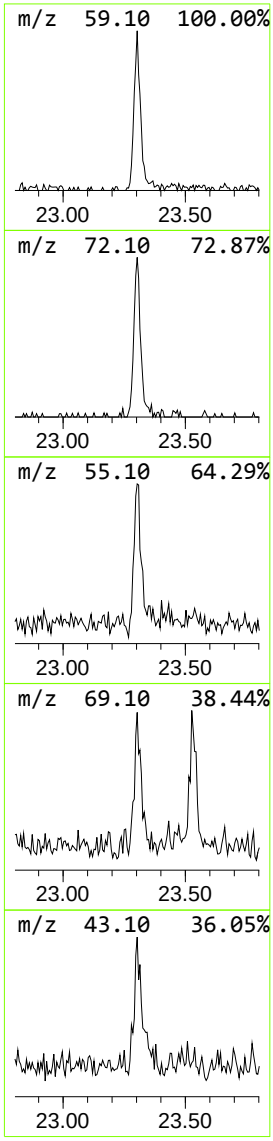
Peak Number 4 13-Docosenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.303	3.25 ng	170663	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3	Nonanamide	157	C9H19NO	001120-07-6	50
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	50
5	trans-13-Docosenamide	337	C22H43NO	010436-09-6	43





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecanoic acid	18.373	3.6	ng	158877	4	17.492	889170	20.0
unknown19.143	19.143	2.4	ng	106452	4	17.492	889170	20.0
Cyclohexadecane...	21.411	4.2	ng	217478	5	21.781	1049140	20.0
13-Docosenamide...	23.303	3.3	ng	170663	5	21.781	1049140	20.0