LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
Data File : BG059888.D
Acq On : 25 Nov 2023 12:37
Operator : MA/JU
Sample : 05447-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP2

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-BG111623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG059888.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.814	405	413	420	rBV	465392	750831	40.09%	7.823%
2	7.442	682	690	696	rBV2	508829	845822	45.16%	8.813%
3	8.317	833	839	847	rVB3	121821	220242	11.76%	2.295%
4	9.516	1034	1043	1053	rVB	305228	576801	30.80%	6.010%
5	11.167	1315	1324	1330	rBV2	173609	321532	17.17%	3.350%
6	13.570	1725	1733	1740	rBV	955934	1459060	77.90%	15.203%
7	13.764	1765	1766	1774	rVB3	15969	23269	1.24%	0.242%
8	14.951	1961	1968	1975	rBV2	263332	434234	23.19%	4.525%
9	16.431	2213	2220	2227	rBV	741548	1090357	58.22%	11.361%
10	17.701	2430	2436	2441	rBV	329315	497764	26.58%	5.186%
11	17.736	2441	2442	2448	rVB2	16606	20145	1.08%	0.210%
12	18.000	2482	2487	2496	rBV2	34376	51864	2.77%	0.540%
13	18.511	2570	2574	2580	rBV	126976	169584	9.05%	1.767%
14	18.923	2640	2644	2647	rBV3	41035	50682	2.71%	0.528%
15	19.733	2777	2782	2785	rBV2	31666	45726	2.44%	0.476%
16	19.769	2785	2788	2792	rVB2	54606	65252	3.48%	0.680%
17	20.098	2838	2844	2849	rVB2	23496	47557	2.54%	0.496%
18	20.274	2868	2874	2880	rBV	1509205	1872892	100.00%	19.515%
19	21.549	3087	3091	3096	rBV6	51945	89976	4.80%	0.938%
20	22.019	3165	3171	3178	rVV2	259199	431497	23.04%	4.496%
21	22.131	3186	3190	3193	rBV5	15117	20109	1.07%	0.210%
22	23.741	3460	3464	3465	rBV4	25263	29738	1.59%	0.310%
23	24.422	3576	3580	3582	rBV5	16610	20685	1.10%	0.216%
24	25.585	3766	3778	3788	rBV2	142142	442198	23.61%	4.607%
25	28.441	4260	4264	4267	rBV6	14533	19565	1.04%	0.204%

Sum of corrected areas: 9597382

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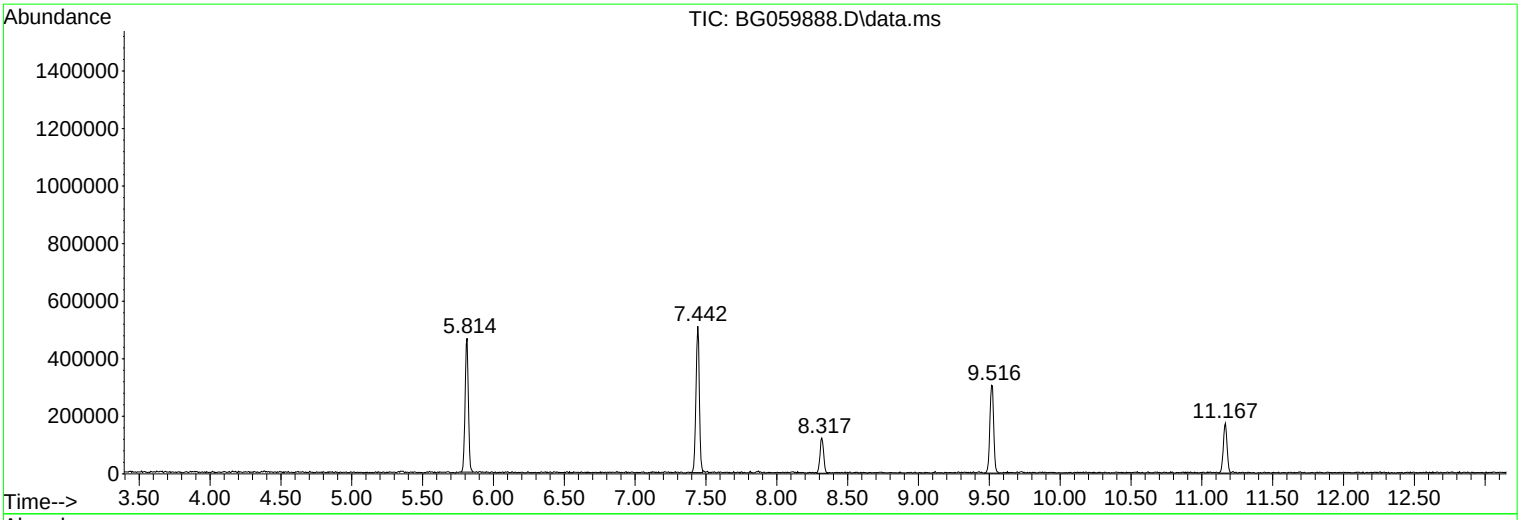
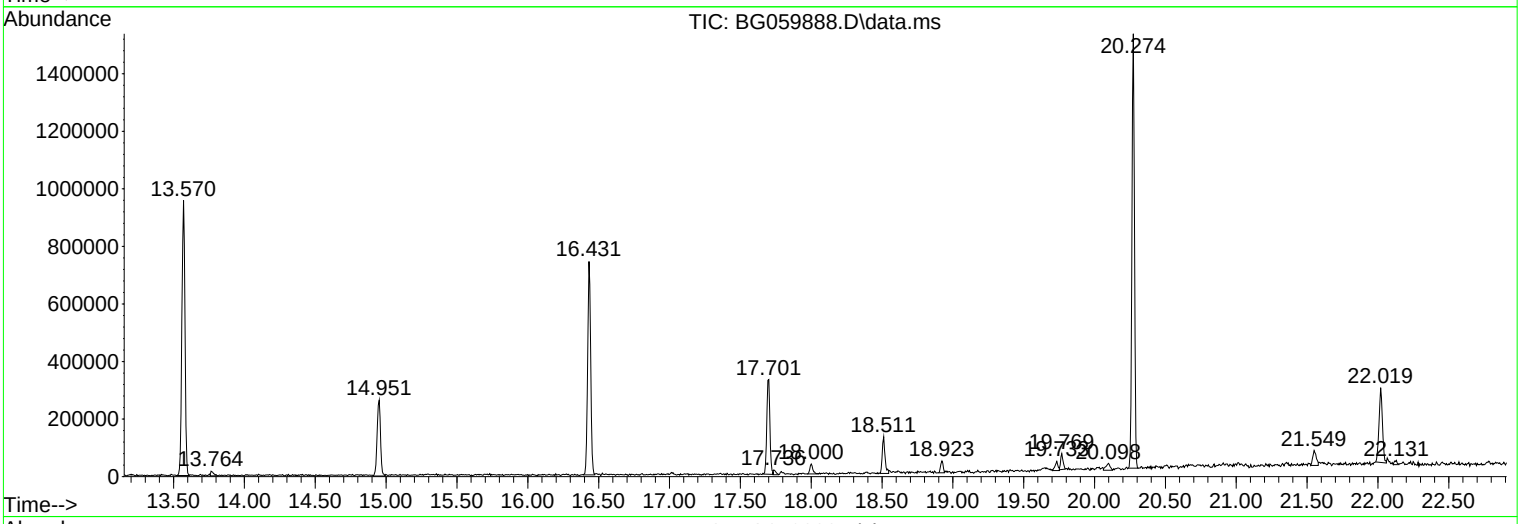
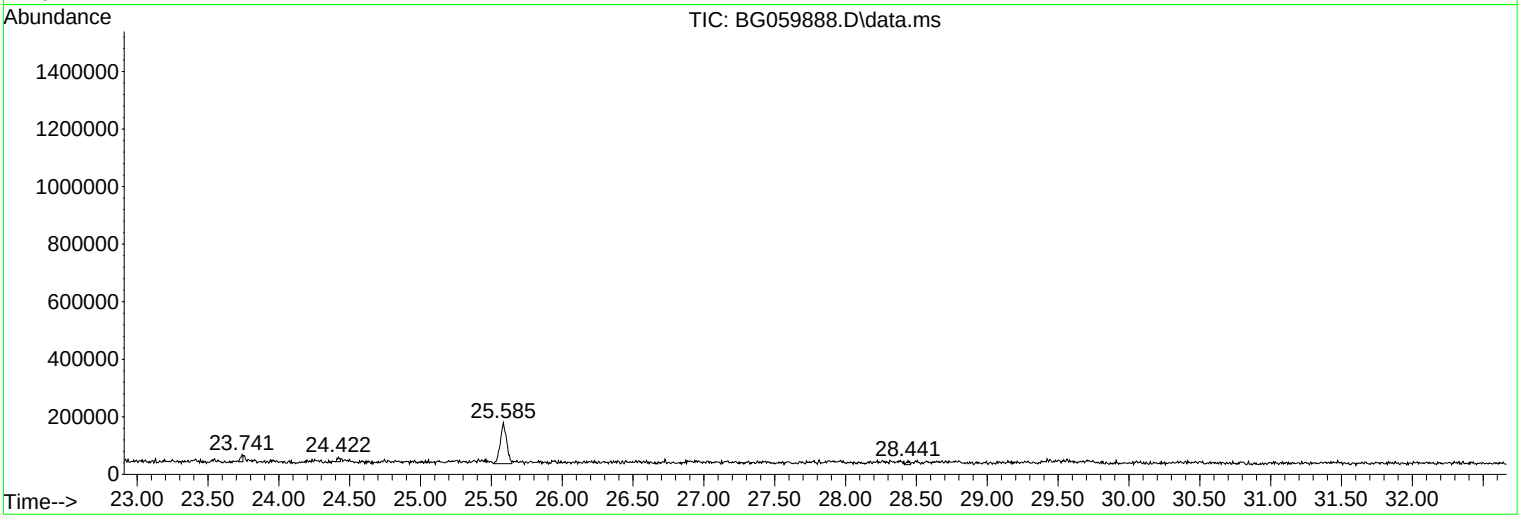
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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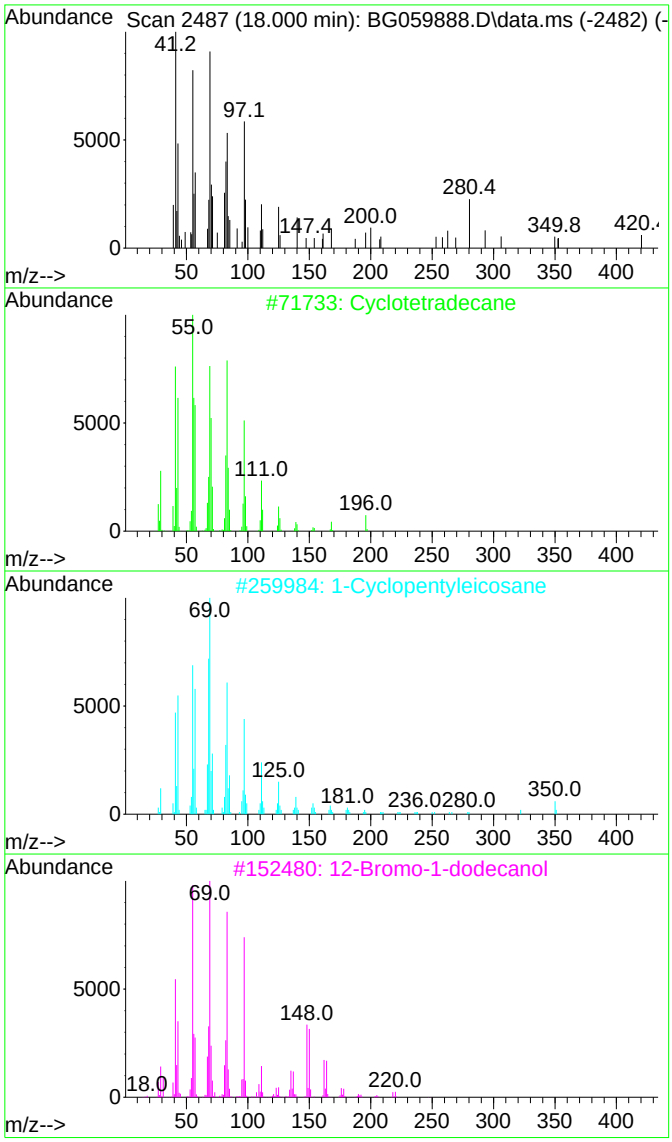
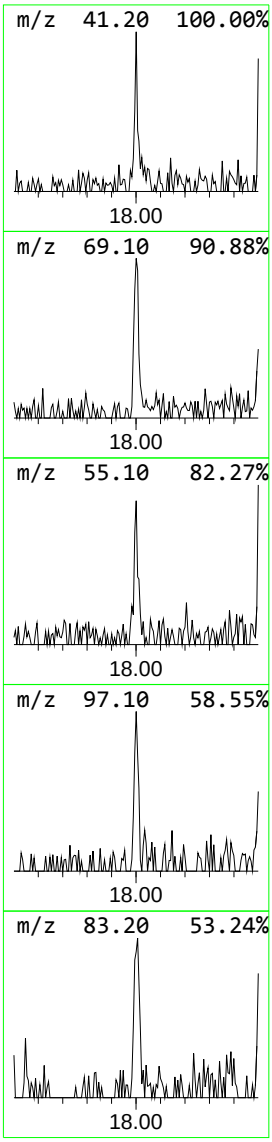
Peak Number 1 Cyclotetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.000	2.08 ng	51864	Phenanthrene-d10	17.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	58
2	1-Cyclopentyleicosane	350	C25H50	1000357-25-6	52
3	12-Bromo-1-dodecanol	264	C12H25BrO	003344-77-2	47
4	1-Tetradecene	196	C14H28	001120-36-1	42
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	30





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
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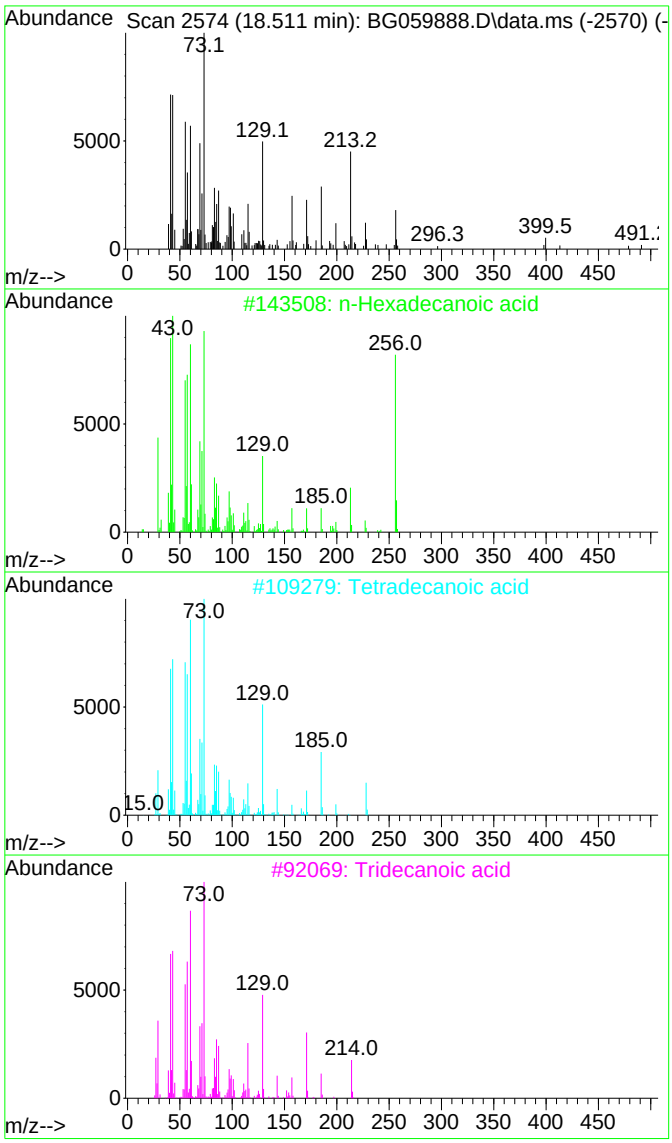
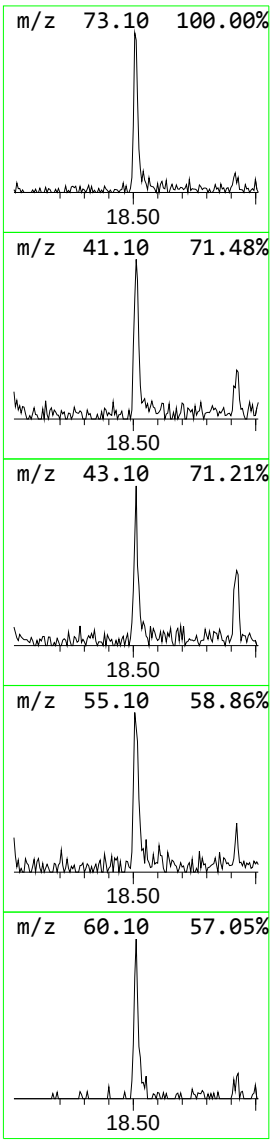
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.511	6.81 ng	169584	Phenanthrene-d10	17.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	55
4	n-Decanoic acid	172	C10H20O2	000334-48-5	27
5	2-Oxopiperidine-3-carboxylic aci...	157	C7H11NO3	1000303-46-8	18





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BNA_G
ClientSampleId :
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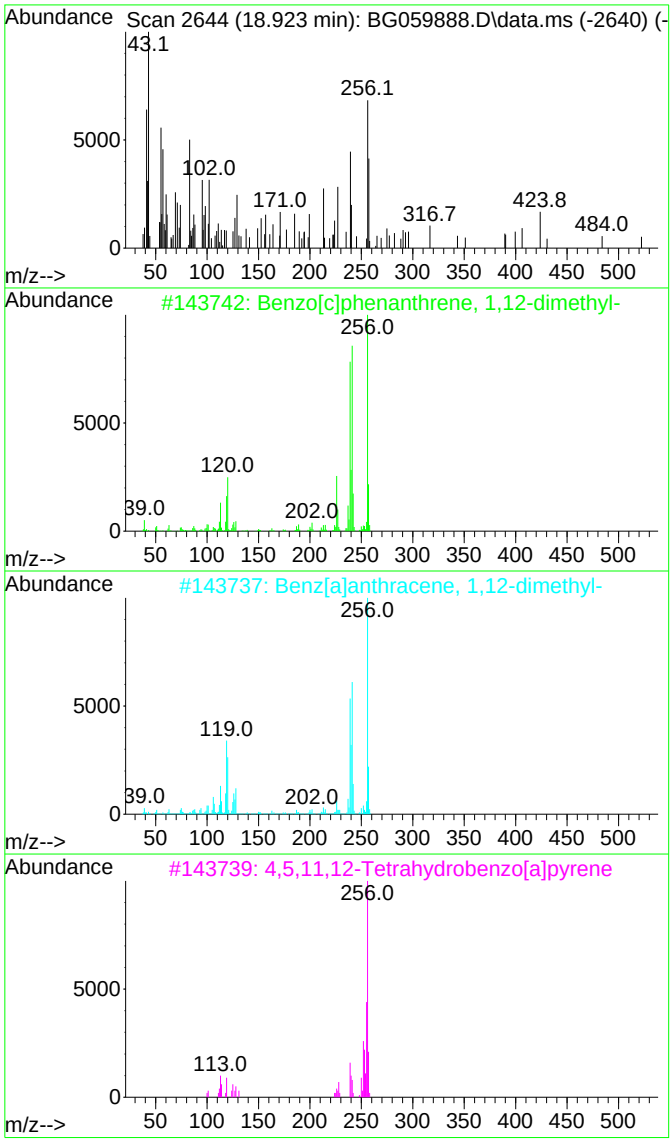
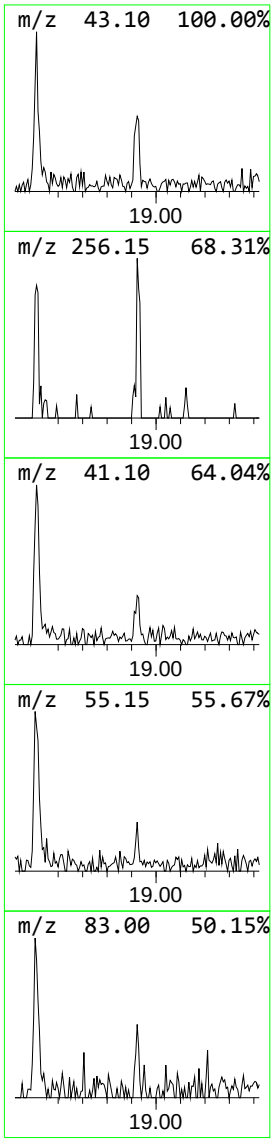
Peak Number 3 unknown18.923 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.923	2.04 ng	50682	Phenanthrene-d10	17.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene, 1,12-dimet...	256	C20H16	004076-43-1	47
2	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	47
3	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	38
4	4-[4-Amidoximinophnoxy]benzaldehyde	256	C14H12N2O3	1000212-42-7	38
5	4H-[1,2,4]Triazole-3-thiol, 4-am...	256	C13H12N4S	1000302-57-9	22





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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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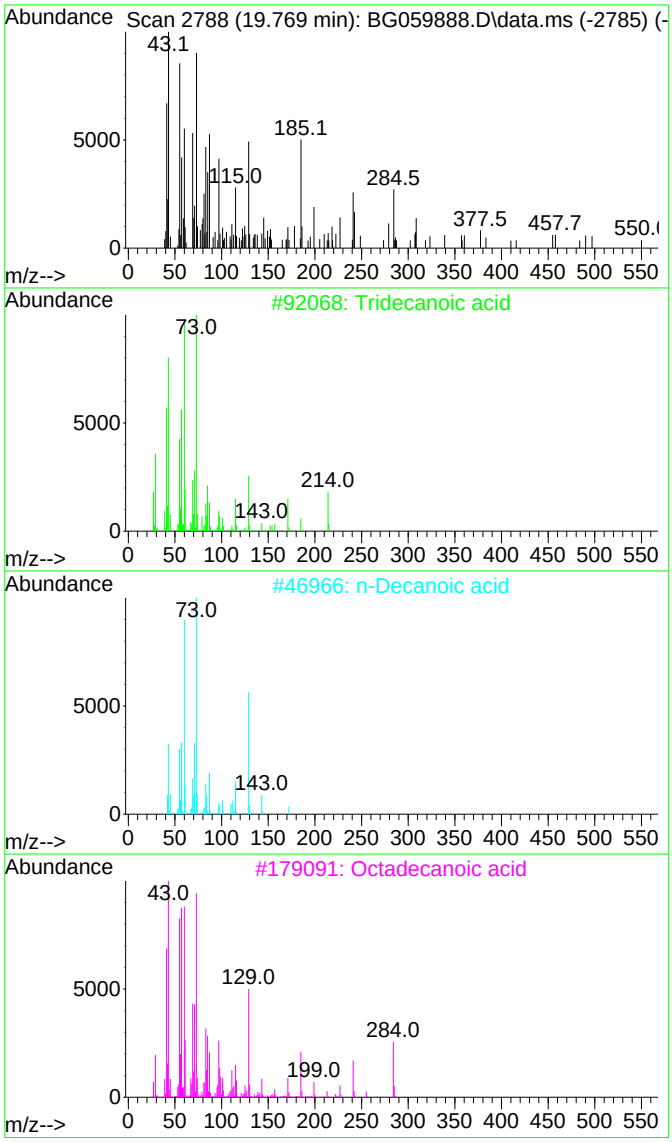
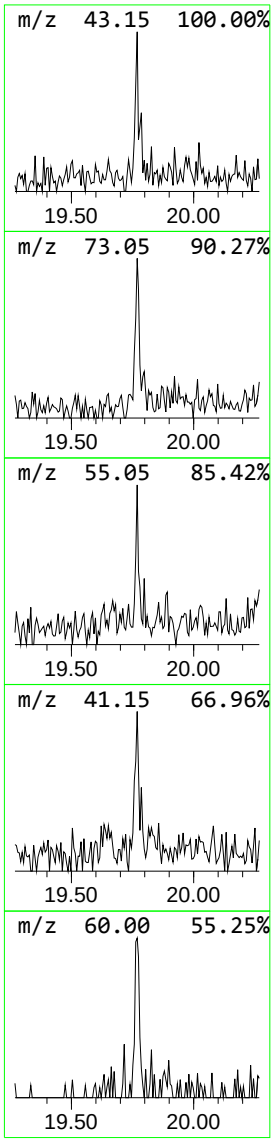
Peak Number 4 unknown19.769 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.769	2.62 ng	65252	Phenanthrene-d10	17.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	30
2	n-Decanoic acid	172	C10H20O2	000334-48-5	30
3	Octadecanoic acid	284	C18H36O2	000057-11-4	27
4	Propanedioic acid, dipropyl ester	188	C9H16O4	001117-19-7	22
5	Butanoic acid, chloromethyl(pent...	234	C10H19ClO2Si	1000279-86-7	22





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Sample : 05447-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
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TIC Library : C:\Database\NIST20.L
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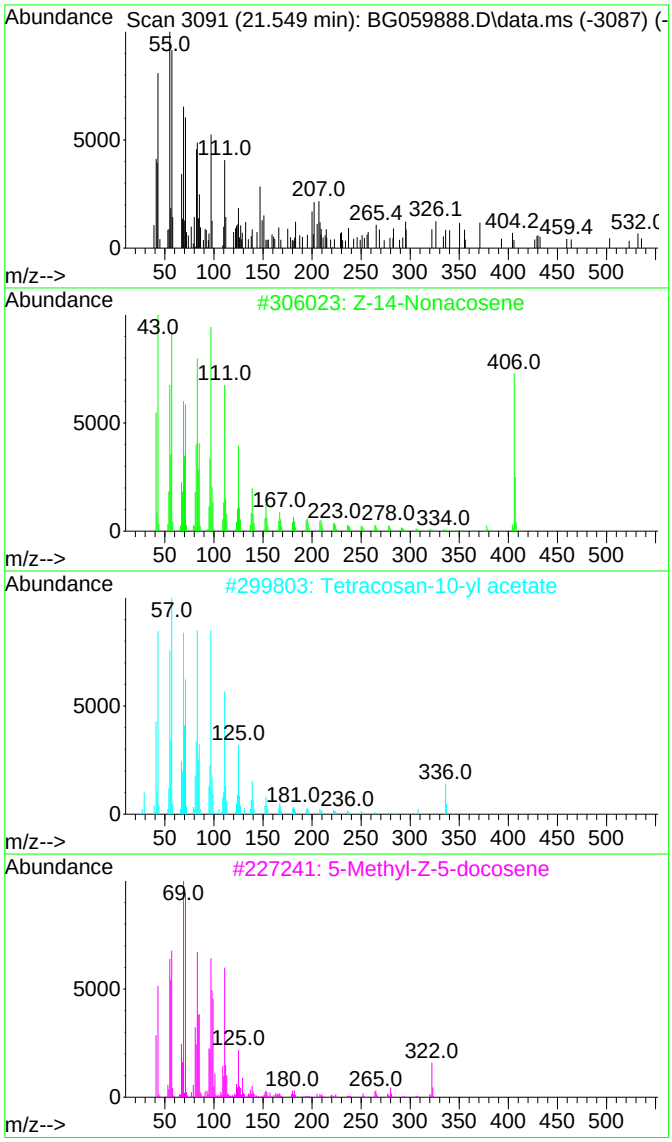
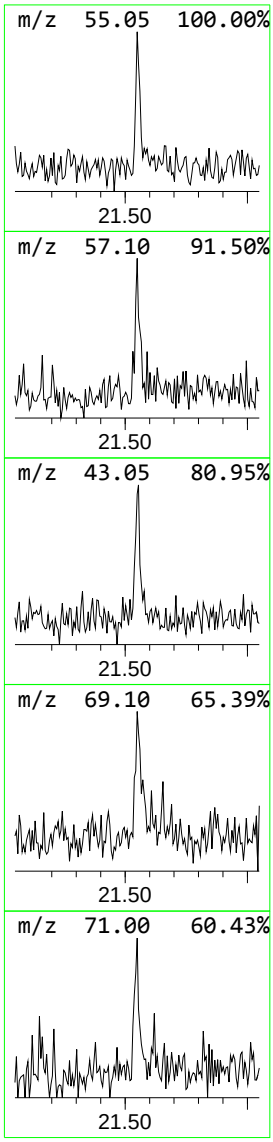
Peak Number 6 Z-14-Nonacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.549	4.17 ng	89976	Chrysene-d12	22.019

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-14-Nonacosene	406	C29H58	1010131-18-9	83
2	Tetracosan-10-yl acetate	396	C26H52O2	1000466-24-3	64
3	5-Methyl-Z-5-docosene	322	C23H46	1000131-17-1	58
4	9-Tricosanol, acetate	382	C25H50O2	039754-92-2	58
5	Triacontyl acetate	480	C32H64O2	041755-58-2	52





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclotetradecane	18.000	2.1	ng	51864	4	17.701	497764	20.0
n-Hexadecanoic ...	18.511	6.8	ng	169584	4	17.701	497764	20.0
unknown18.923	18.923	2.0	ng	50682	4	17.701	497764	20.0
unknown19.769	19.769	2.6	ng	65252	4	17.701	497764	20.0
Z-14-Nonacosene	21.549	4.2	ng	89976	5	22.019	431497	20.0