

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051117\
 Data File : BG026953.D
 Acq On : 11 May 2017 21:30
 Operator : SJ/MA
 Sample : I3054-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDCG9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.406	48	54	67	rVB2	70907	191717	2.31%	0.277%
2	4.175	183	185	193	rBV7	4235	9356	0.11%	0.014%
3	4.722	270	278	300	rVB	4813226	8285151	100.00%	11.978%
4	5.109	338	344	352	rBV	16432	26900	0.32%	0.039%
5	6.214	523	532	540	rVB10	4628	12033	0.15%	0.017%
6	7.184	690	697	713	rBV	147844	302352	3.65%	0.437%
7	7.330	715	722	735	rVV	611682	1018145	12.29%	1.472%
8	7.542	750	758	770	rBV	605696	1089442	13.15%	1.575%
9	8.006	829	837	851	rVB	547949	937132	11.31%	1.355%
10	8.723	945	959	988	rBV	474031	952423	11.50%	1.377%
11	9.164	1025	1034	1044	rBV	735903	1285430	15.51%	1.858%
12	9.886	1146	1157	1172	rBV	605112	1090964	13.17%	1.577%
13	10.439	1241	1251	1273	rBV	785991	1631272	19.69%	2.358%
14	10.803	1302	1313	1326	rBV	856472	1559925	18.83%	2.255%
15	10.961	1332	1340	1353	rVB9	7316	20882	0.25%	0.030%
16	12.389	1573	1583	1597	rBV	16451	34566	0.42%	0.050%
17	13.218	1720	1724	1731	rVB5	3842	9225	0.11%	0.013%
18	14.017	1852	1860	1875	rBV	1632879	2440586	29.46%	3.529%
19	14.310	1902	1910	1923	rBV	2031870	3243039	39.14%	4.689%
20	14.616	1953	1962	1975	rBV2	1241176	2005279	24.20%	2.899%
21	14.857	1996	2003	2023	rBV2	54735	200445	2.42%	0.290%
22	15.392	2090	2094	2102	rVB3	5650	10701	0.13%	0.015%
23	15.603	2123	2130	2145	rVB	2431751	3820553	46.11%	5.524%
24	15.732	2145	2152	2166	rBV	410624	645520	7.79%	0.933%
25	15.844	2166	2171	2179	rVB3	35444	57475	0.69%	0.083%
26	16.749	2319	2325	2336	rBV9	10263	28043	0.34%	0.041%
27	17.137	2387	2391	2398	rBV3	8447	15222	0.18%	0.022%
28	17.354	2421	2428	2437	rBV	1368799	2084201	25.16%	3.013%
29	17.454	2437	2445	2466	rVB	2495732	3813276	46.03%	5.513%
30	17.736	2486	2493	2502	rBV8	5579	18683	0.23%	0.027%
31	18.012	2534	2540	2543	rBV6	5495	9989	0.12%	0.014%
32	18.247	2569	2580	2622	rBV	3333022	5977598	72.15%	8.642%
33	18.899	2686	2691	2703	rVB	13386	33894	0.41%	0.049%
34	19.075	2718	2721	2727	rVB6	5504	9425	0.11%	0.014%

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35	19.152	2730	2734	2741	rVB10	5067	11089	0.13%	0.016%
36	19.357	2764	2769	2771	rBV	643719	836723	10.10%	1.210%
37	19.387	2771	2774	2777	rVV	827822	1306658	15.77%	1.889%
38	19.428	2777	2781	2791	rVV	3371070	6054153	73.07%	8.753%
39	19.504	2791	2794	2811	rVV	1770063	2986439	36.05%	4.318%
40	19.634	2811	2816	2821	rVV2	312818	611841	7.38%	0.885%
41	19.675	2821	2823	2827	rVV2	153129	246971	2.98%	0.357%
42	19.733	2827	2833	2848	rVB	2719807	3936836	47.52%	5.692%
43	19.857	2850	2854	2869	rVB4	55125	128800	1.55%	0.186%
44	19.980	2871	2875	2884	rVB6	48783	97804	1.18%	0.141%
45	20.486	2955	2961	2973	rBV	477001	865747	10.45%	1.252%
46	20.574	2973	2976	2986	rVB9	51051	129203	1.56%	0.187%
47	20.703	2992	2998	3008	rBV9	25194	80803	0.98%	0.117%
48	21.238	3086	3089	3095	rBV7	30186	33942	0.41%	0.049%
49	21.602	3143	3151	3159	rBV	1270681	2103265	25.39%	3.041%
50	22.372	3277	3282	3285	rBV6	24367	50225	0.61%	0.073%
51	23.036	3392	3395	3400	rVB4	34421	59529	0.72%	0.086%
52	23.817	3523	3528	3539	rVB4	46532	98854	1.19%	0.143%
53	24.551	3642	3653	3671	rBV2	1289178	3924050	47.36%	5.673%
54	24.763	3678	3689	3713	rVB2	725097	2214402	26.73%	3.202%
55	25.838	3865	3872	3881	rBV2	60218	143745	1.73%	0.208%
56	27.148	4088	4095	4106	rVB4	64607	206739	2.50%	0.299%
57	28.735	4357	4365	4377	rVB6	46419	168912	2.04%	0.244%

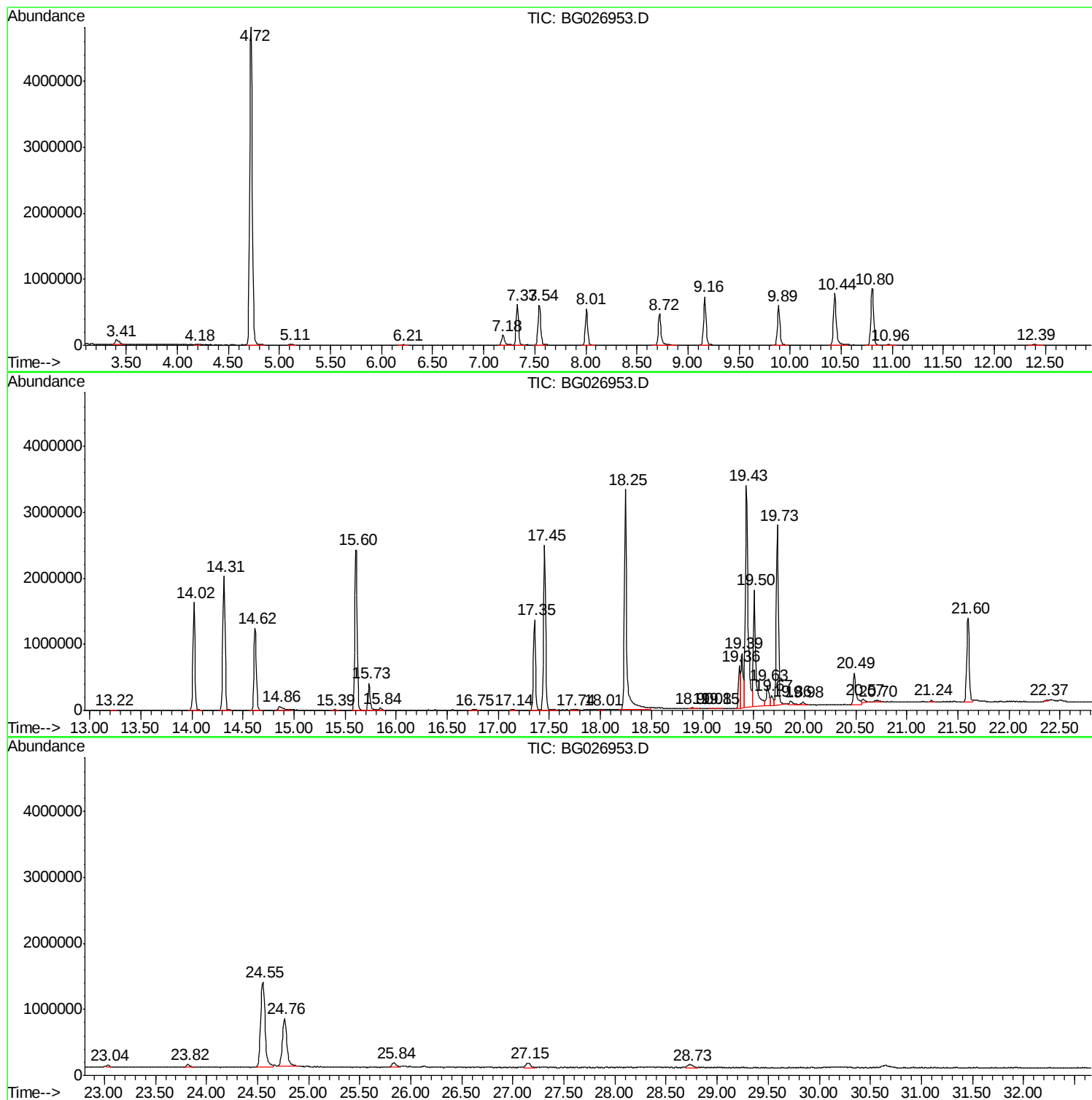
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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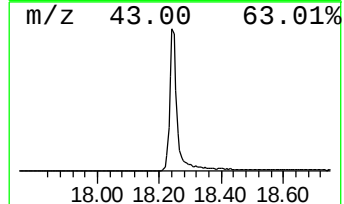
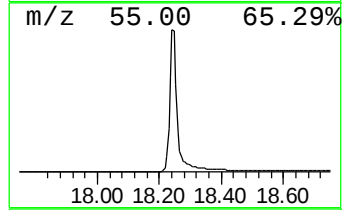
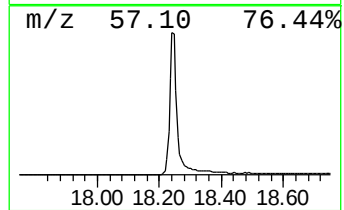
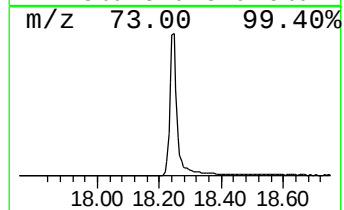
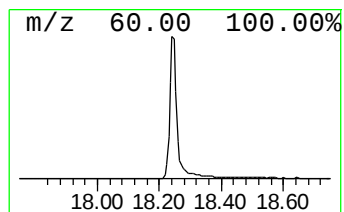
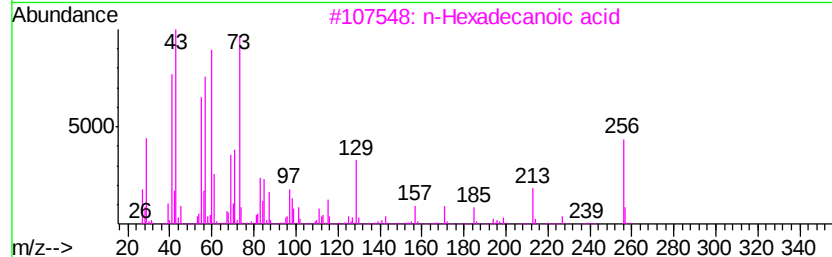
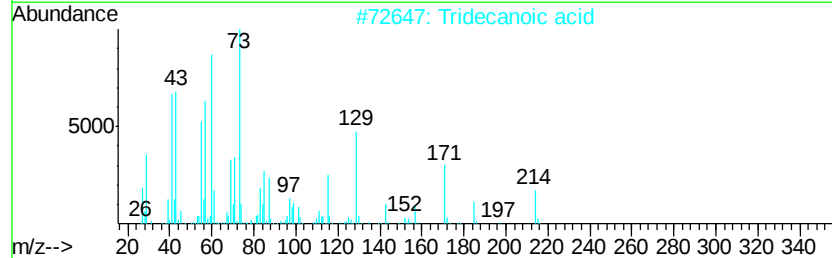
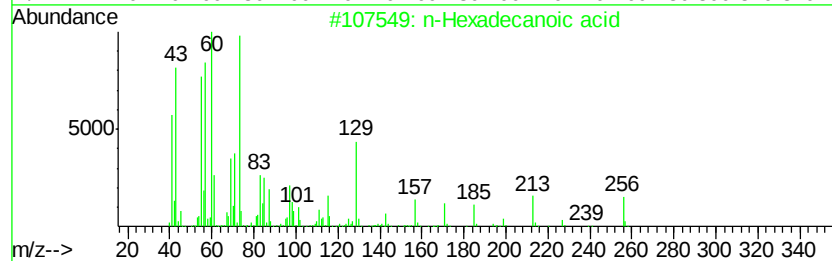
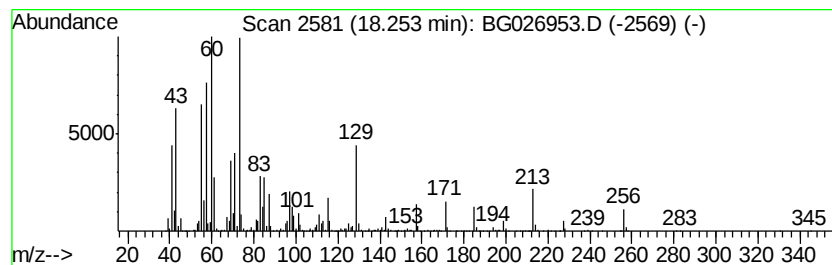
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	57.36 ng/ul	5977600	Phenanthrene-d10	17.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	91



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Instrument :
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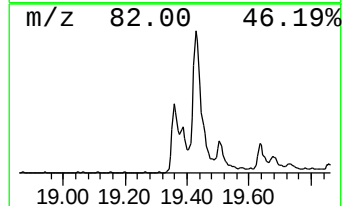
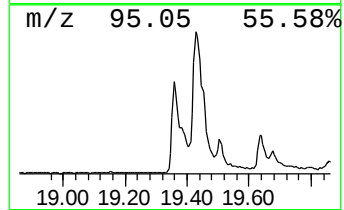
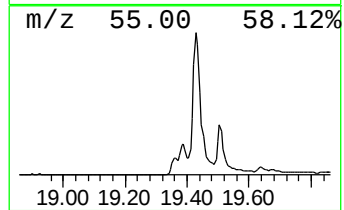
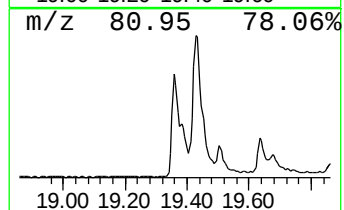
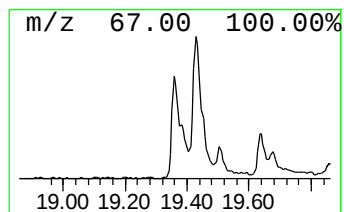
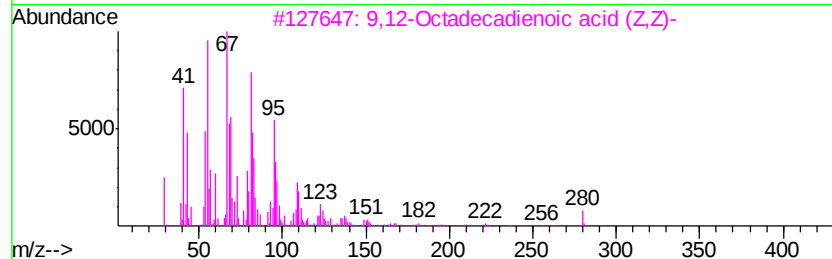
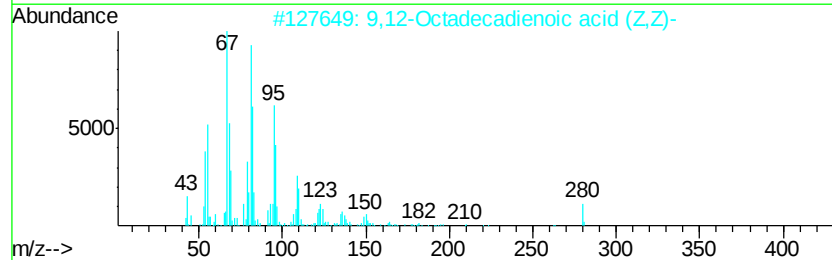
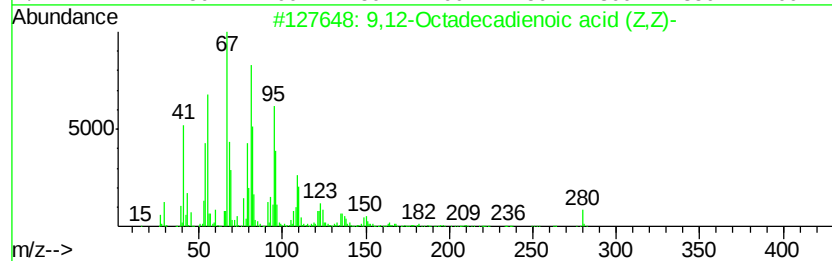
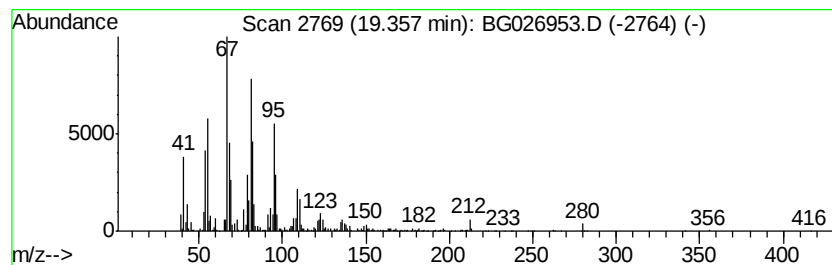
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 9,12-Octadecadienoic acid (... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	8.03 ng/ul	836723	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
3		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	94
4		8-Dodecen-1-ol, (Z)-	184	C12H24O	040642-40-8	90
5		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	78



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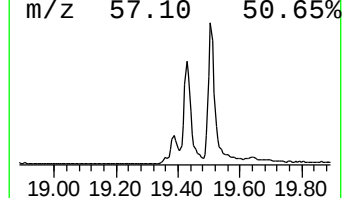
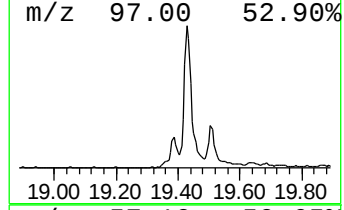
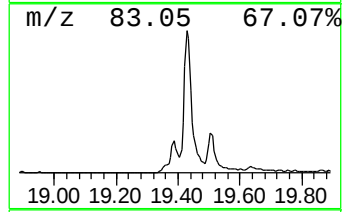
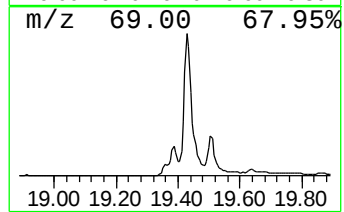
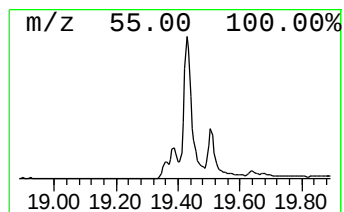
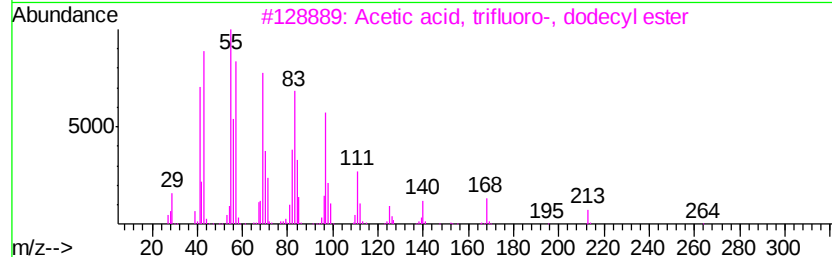
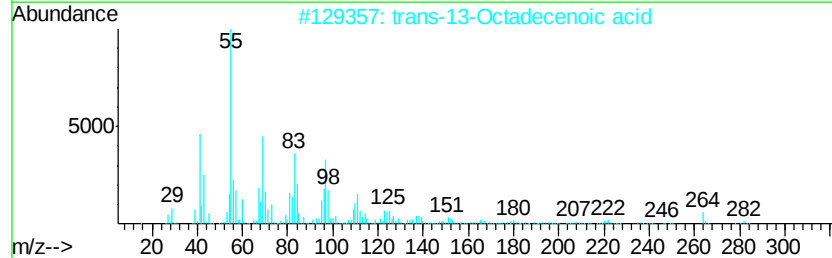
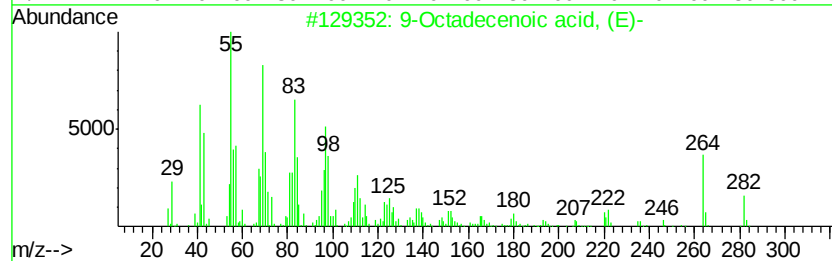
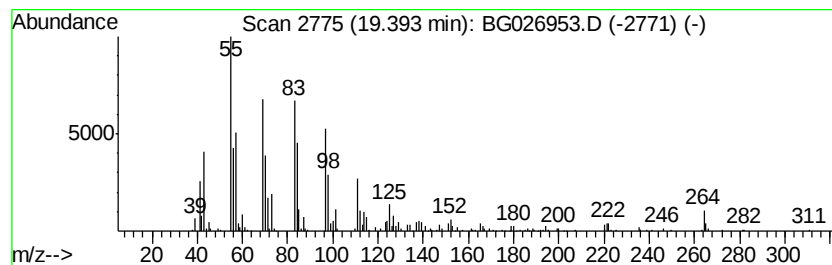
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9-Octadecenoic acid, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.39	12.54 ng/ul	1306660	Phenanthrene-d10	17.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91	
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	70	
3	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	64	
4	n-Pentadecanol	228	C15H32O	000629-76-5	64	
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	62	



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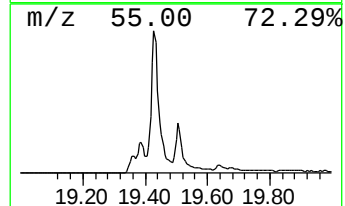
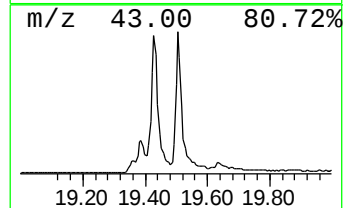
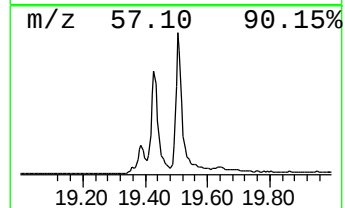
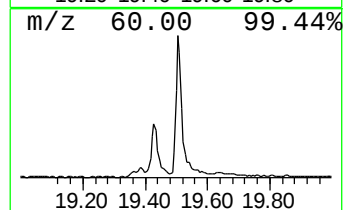
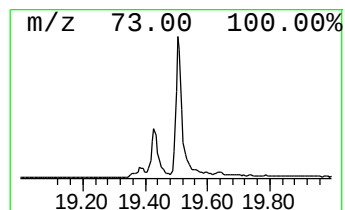
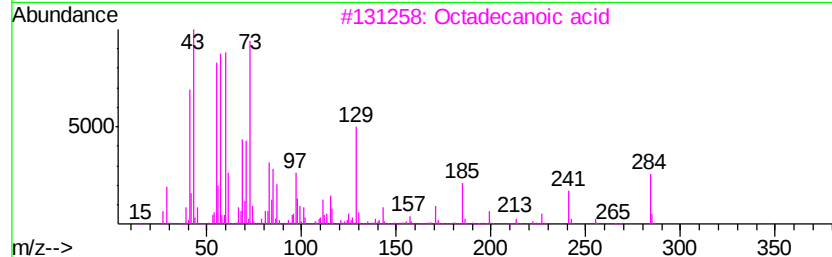
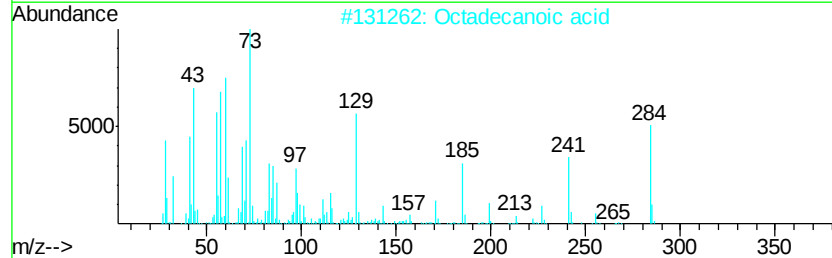
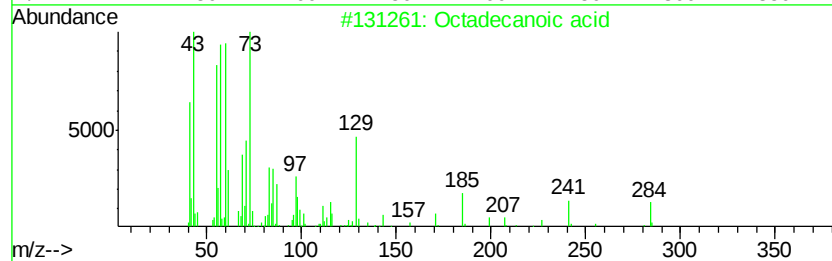
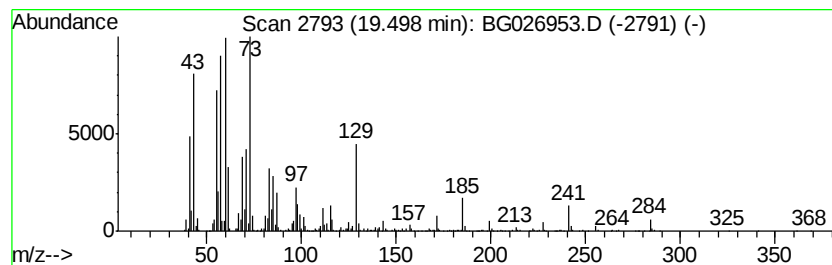
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	28.40 ng/ul	2986440	Chrysene-d12	21.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95	



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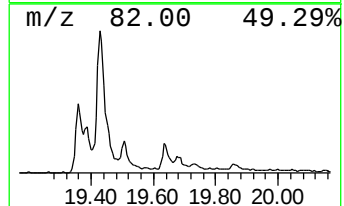
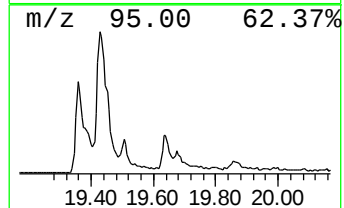
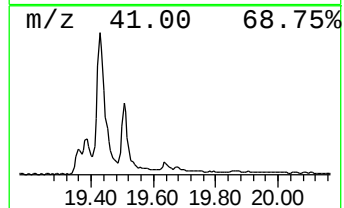
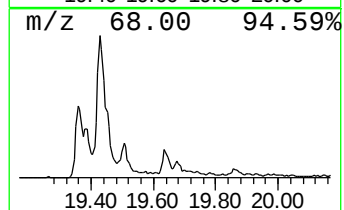
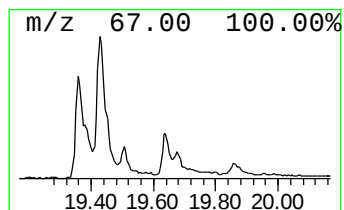
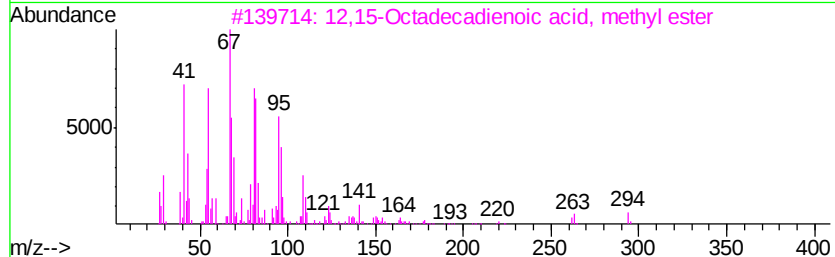
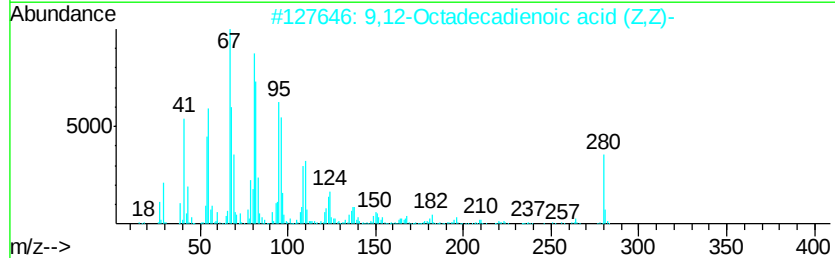
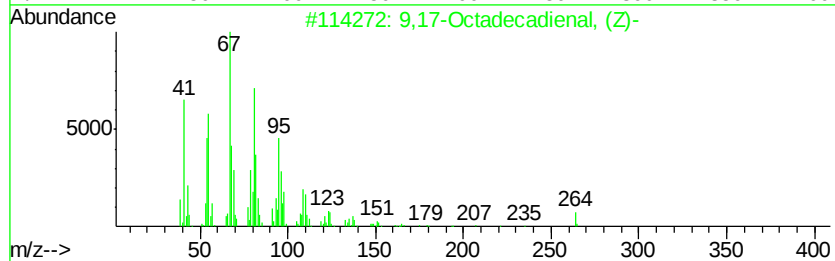
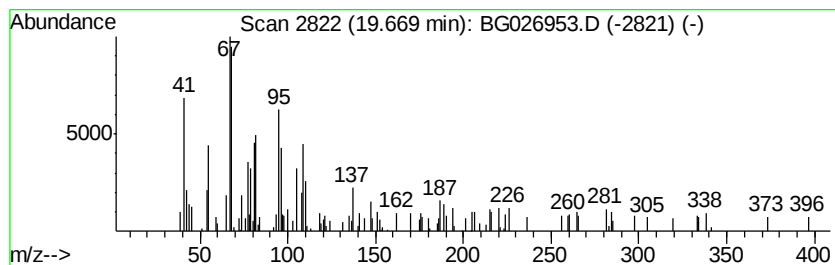
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 9,17-Octadecadienal, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	2.35 ng/ul	246971	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	87
2		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	86
3		12,15-Octadecadienoic acid, meth...	294	C19H34O2	057156-97-5	86
4		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	74
5		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051117\
Data File : BG026953.D
Acq On : 11 May 2017 21:30
Operator : SJ/MA
Sample : I3054-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

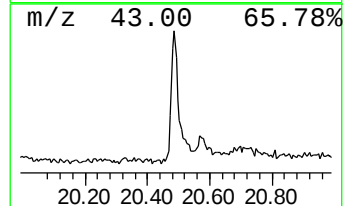
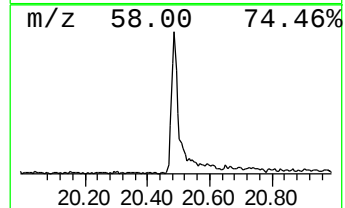
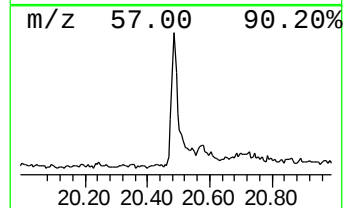
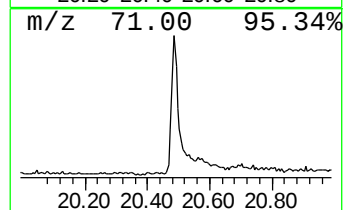
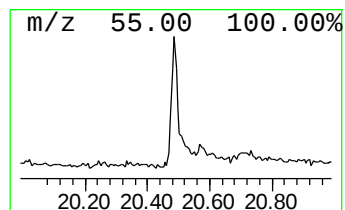
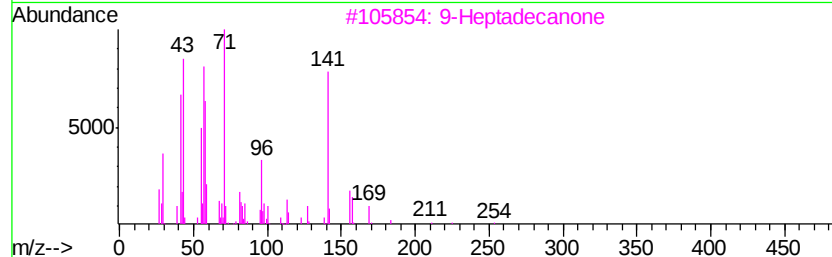
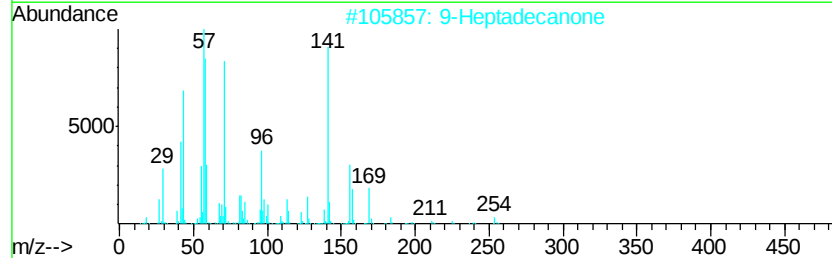
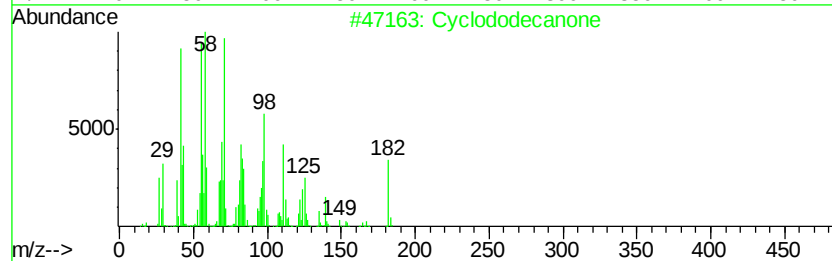
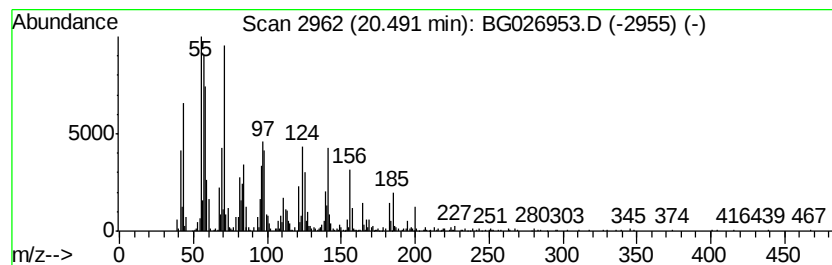
Instrument :
BNA_G
ClientSampleId :
BDCG9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Cyclododecanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	8.23 ng/ul	865747	Chrysene-d12	21.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclododecanone	182 C12H22O	000830-13-7 53
2		9-Heptadecanone	254 C17H34O	000540-08-9 45
3		9-Heptadecanone	254 C17H34O	000540-08-9 43
4		Cyclododecanone	182 C12H22O	000830-13-7 35
5		2-Decanone, 5,9-dimethyl-	184 C12H24O	033933-82-3 18



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051117\
Data File : BG026953.D
Acq On : 11 May 2017 21:30
Operator : SJ/MA
Sample : I3054-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCG9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.25	57.4	ng/ul	5977600	4	17.35	2084200	20.0
9,12-Octadecadien...	19.36	8.0	ng/ul	836723	4	17.35	2084200	20.0
9-Octadecenoic ac...	19.39	12.5	ng/ul	1306660	4	17.35	2084200	20.0
Octadecanoic acid	19.50	28.4	ng/ul	2986440	5	21.60	2103270	20.0
9,17-Octadecadien...	19.67	2.4	ng/ul	246971	5	21.60	2103270	20.0
Cyclododecanone	20.49	8.2	ng/ul	865747	5	21.60	2103270	20.0