

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
 Data File : BM016178.D
 Acq On : 03 Aug 2018 14:05
 Operator : SJ/JU
 Sample : J4178-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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	7.351	686	691	712	rBB3	103385	284305	7.21%	2.252%
2	7.510	712	718	734	rBB	79874	132572	3.36%	1.050%
3	7.716	748	753	766	rBV	116891	201112	5.10%	1.593%
4	8.187	827	833	844	rBV	251633	407813	10.34%	3.230%
5	8.910	951	956	968	rBV	108500	199009	5.04%	1.576%
6	9.375	1030	1035	1048	rBV	100851	183690	4.66%	1.455%
7	10.098	1153	1158	1169	rBB	91869	160112	4.06%	1.268%
8	10.639	1244	1250	1266	rBV	111303	213583	5.41%	1.692%
9	11.004	1306	1312	1324	rBV	315075	537251	13.62%	4.255%
10	11.163	1334	1339	1355	rBV	64033	126221	3.20%	1.000%
11	14.221	1853	1859	1863	rBV	243783	319574	8.10%	2.531%
12	14.269	1863	1867	1874	rVB	60614	85637	2.17%	0.678%
13	14.516	1903	1909	1915	rBV	227838	335488	8.50%	2.657%
14	14.816	1954	1960	1968	rBB2	404947	603378	15.30%	4.779%
15	15.057	1996	2001	2009	rBV2	44739	97423	2.47%	0.772%
16	15.551	2080	2085	2094	rBV2	29666	60662	1.54%	0.480%
17	15.804	2122	2128	2135	rBB	304951	426151	10.80%	3.375%
18	15.951	2148	2153	2160	rBV	69825	102604	2.60%	0.813%
19	17.545	2419	2424	2431	rBV2	457325	646205	16.38%	5.118%
20	17.645	2436	2441	2454	rBV	302651	433479	10.99%	3.433%
21	18.392	2564	2568	2578	rBV	135894	192526	4.88%	1.525%
22	19.533	2754	2762	2767	rBV	23260	58429	1.48%	0.463%
23	19.651	2777	2782	2788	rBV	68354	95220	2.41%	0.754%
24	19.909	2821	2826	2835	rBV	325390	462816	11.73%	3.666%
25	20.386	2903	2907	2914	rBV6	26349	44784	1.14%	0.355%
26	20.880	2987	2991	2995	rBV3	34170	49559	1.26%	0.393%
27	20.956	3000	3004	3007	rBV3	37160	52200	1.32%	0.413%
28	21.333	3065	3068	3077	rBV4	76020	166691	4.23%	1.320%
29	21.668	3120	3125	3130	rBV	552490	705758	17.89%	5.590%
30	22.215	3215	3218	3222	rBV	62773	69202	1.75%	0.548%
31	22.433	3249	3255	3271	rBV	2661810	3944917	100.00%	31.245%
32	22.827	3319	3322	3328	rVB	177983	226349	5.74%	1.793%
33	23.874	3495	3500	3507	rBV	184484	331548	8.40%	2.626%
34	24.021	3520	3525	3534	rVB	348814	669482	16.97%	5.303%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM071318MA.M
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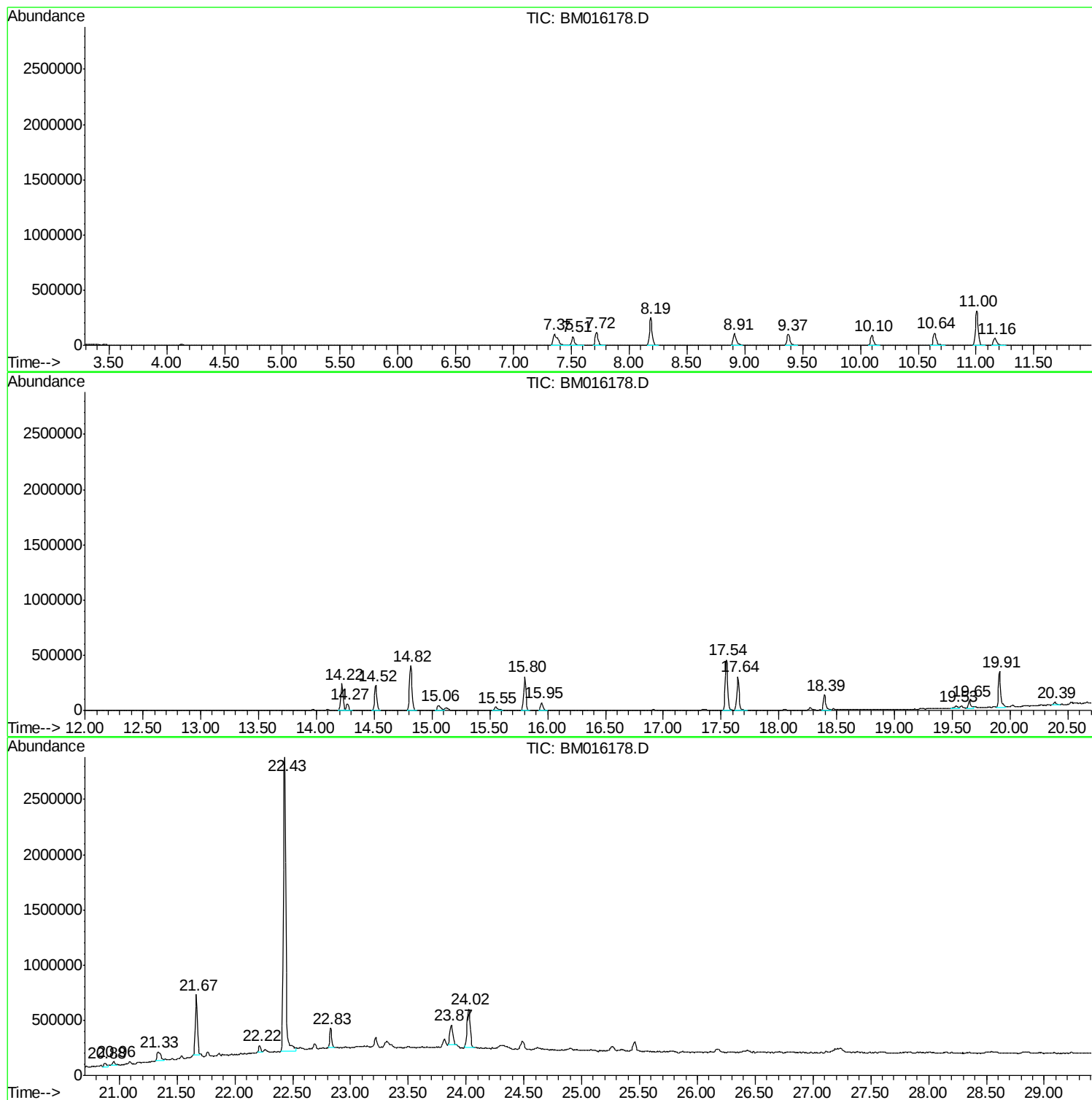
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



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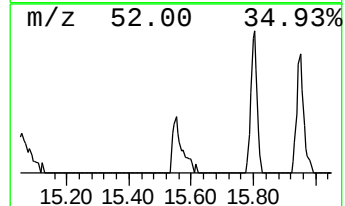
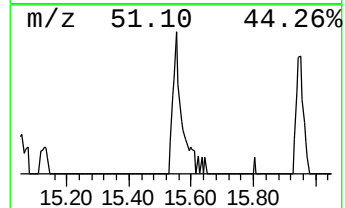
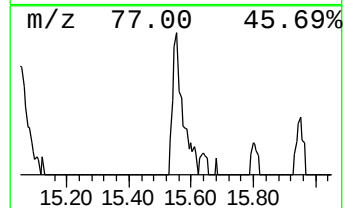
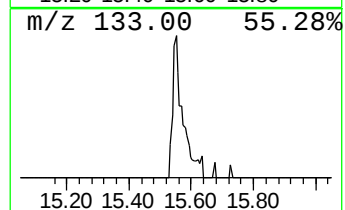
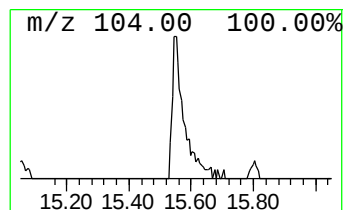
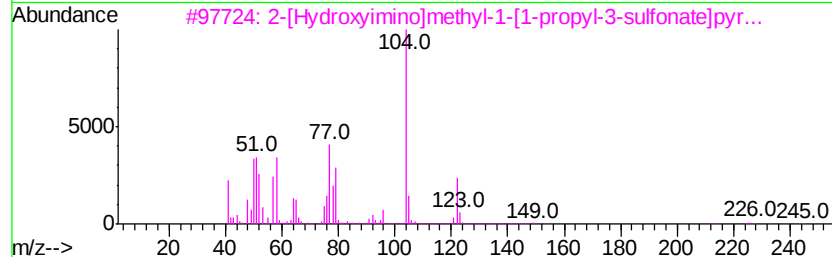
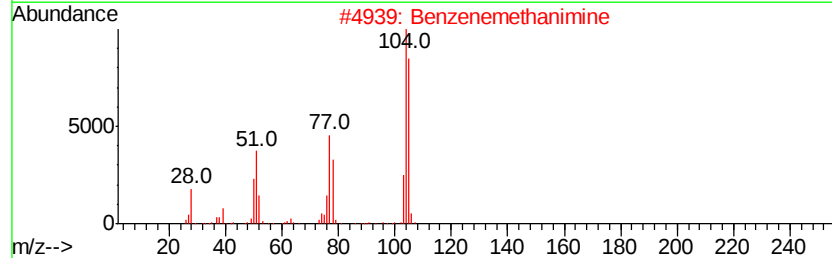
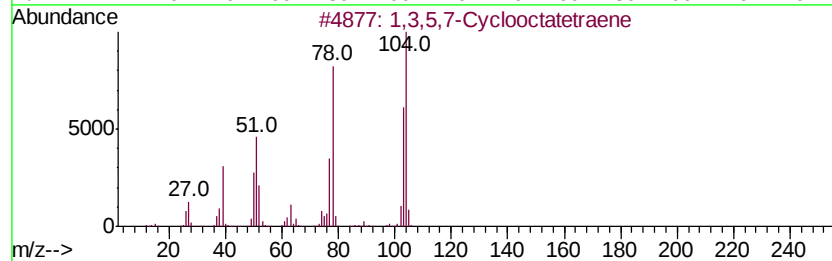
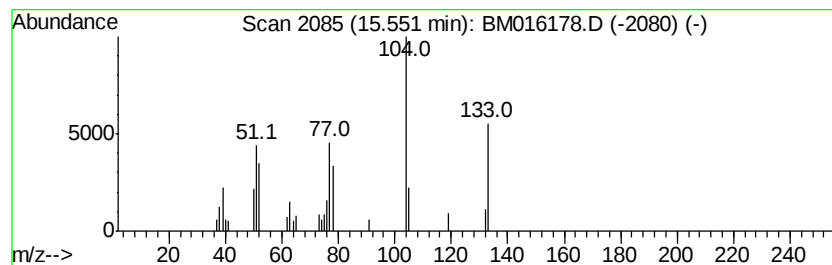
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1,3,5,7-Cyclooctatetraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	2.01 ng/ul	60662	Acenaphthene-d10	14.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,3,5,7-Cyclooctatetraene	104 C8H8	000629-20-9	52
2	Benzenemethanimine	105 C7H7N	016118-22-2	47
3	2-[Hydroxymethyl]methyl-1-[1-propyl-3-sulfonate]pyr...	244 C9H12N2O4S	1000211-97-4	45
4	N-Ethylbenzimidoyl bromide	211 C9H10BrN	041182-87-0	43
5	2-Pyridinecarbonitrile	104 C6H4N2	000100-70-9	43



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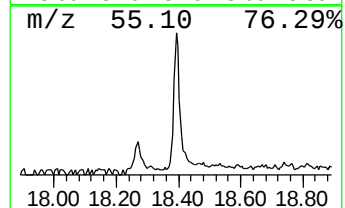
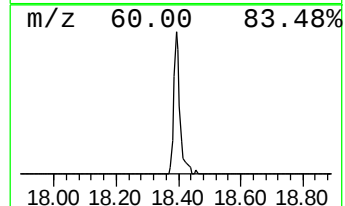
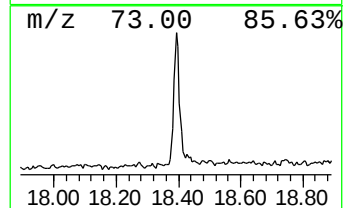
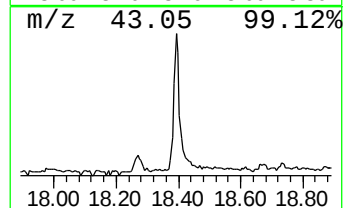
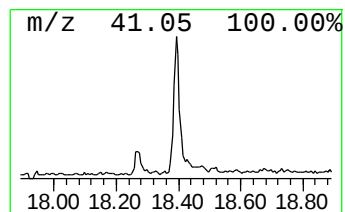
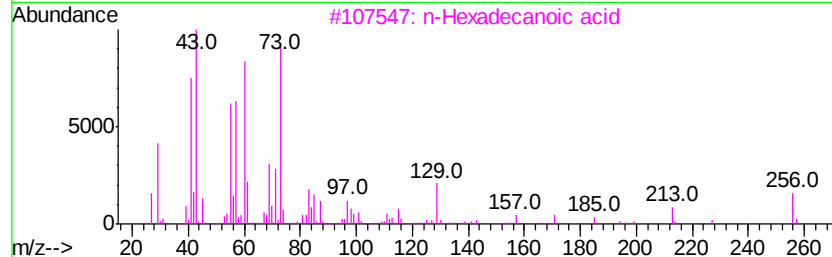
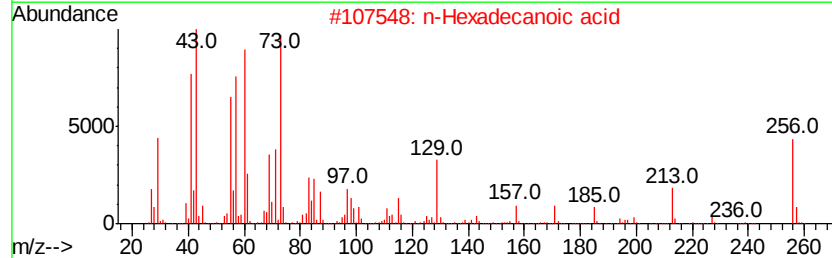
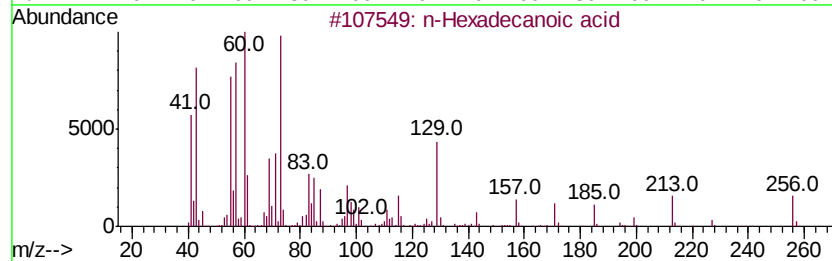
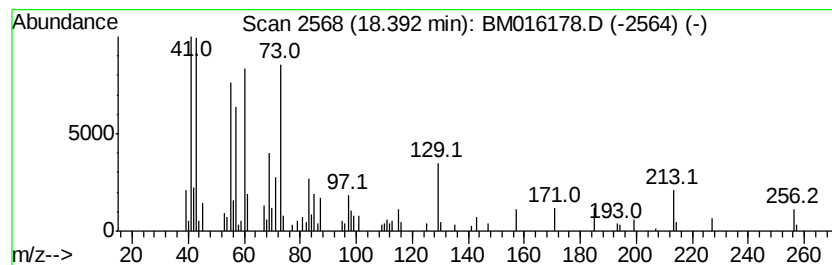
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	5.96 ng/ul	192526	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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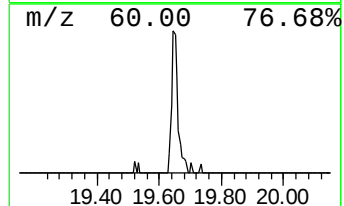
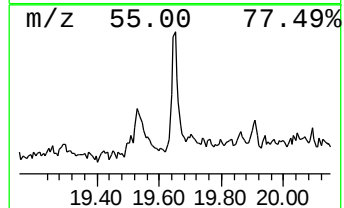
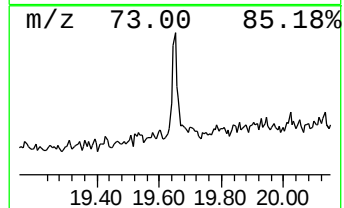
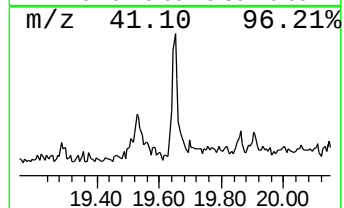
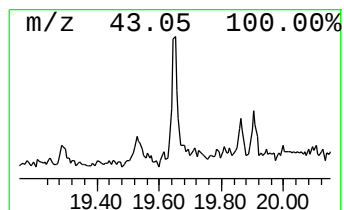
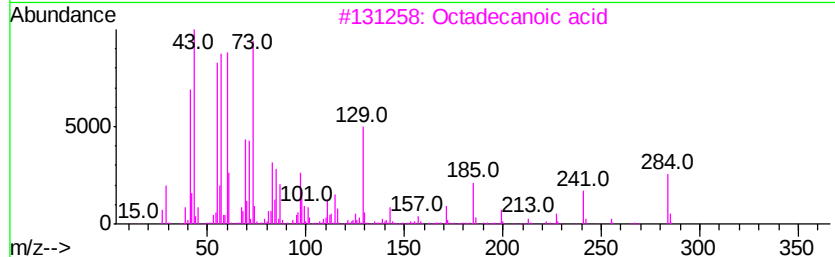
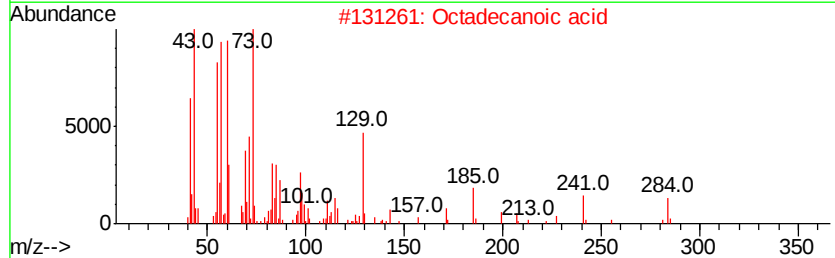
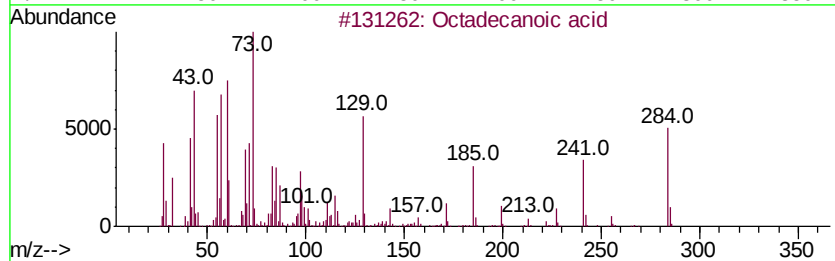
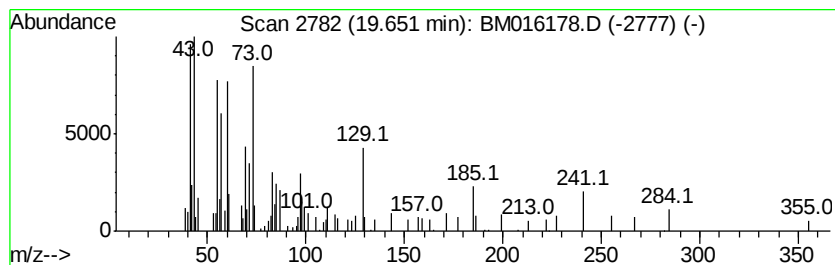
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	2.70 ng/ul	95220	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	95
5		Octadecanoic acid	284	C18H36O2	000057-11-4	89



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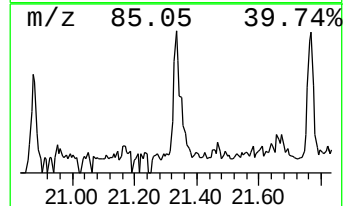
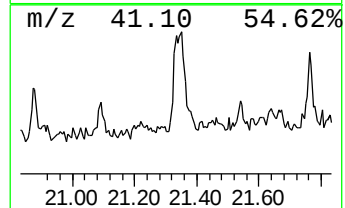
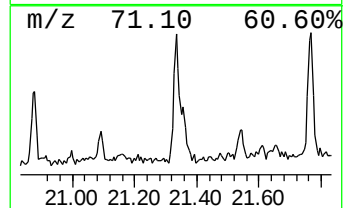
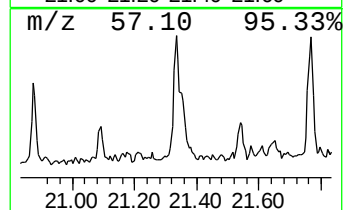
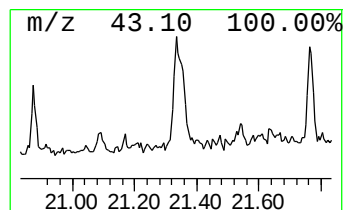
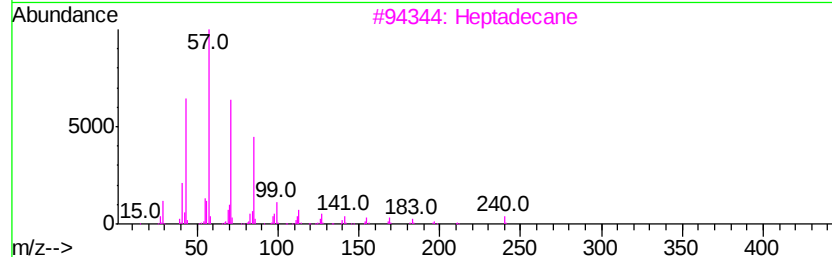
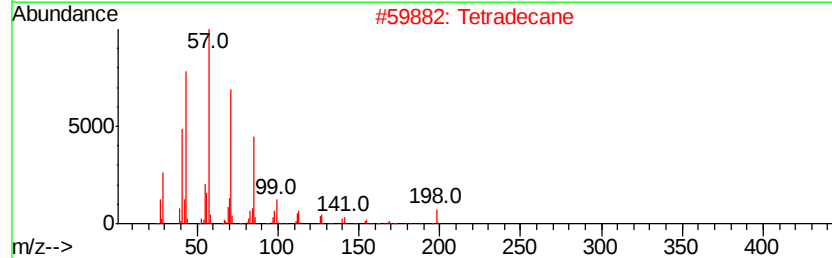
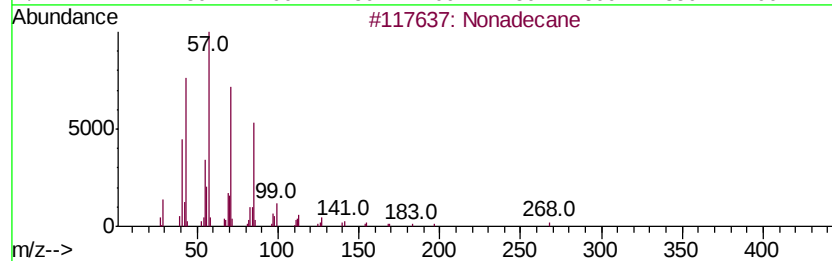
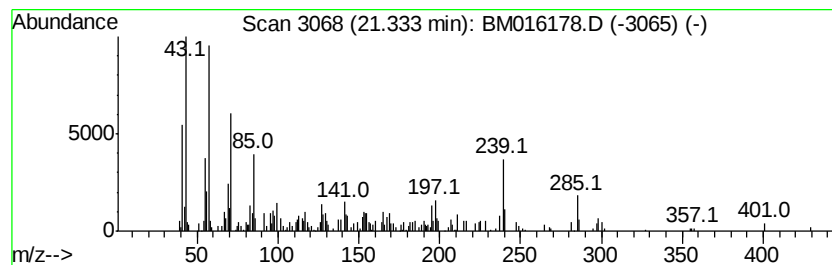
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	4.72 ng/ul	166691	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	95
2	Tetradecane		198	C14H30	000629-59-4	90
3	Heptadecane		240	C17H36	000629-78-7	83
4	Heptadecane		240	C17H36	000629-78-7	64
5	Heptadecane		240	C17H36	000629-78-7	64



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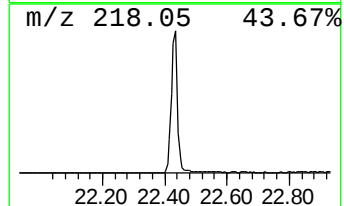
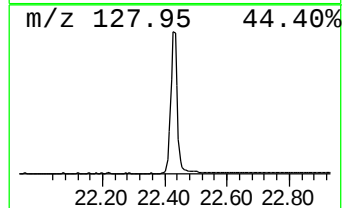
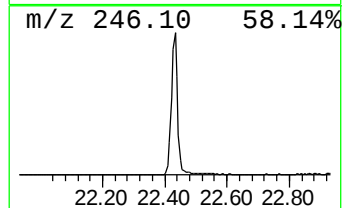
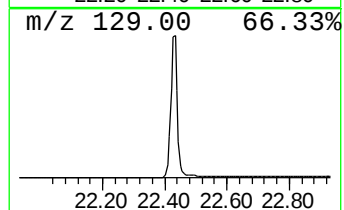
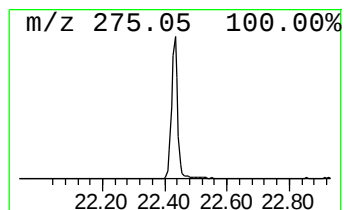
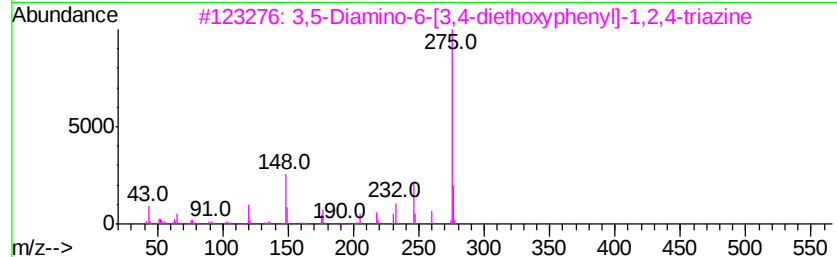
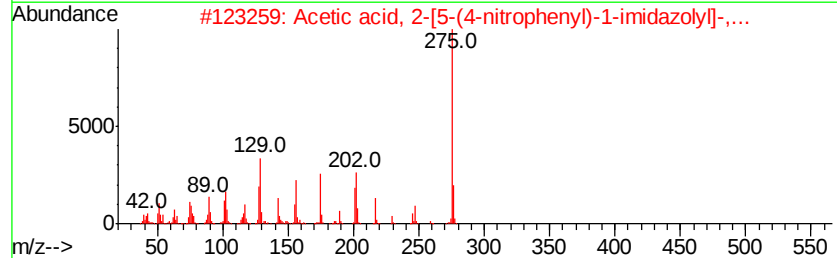
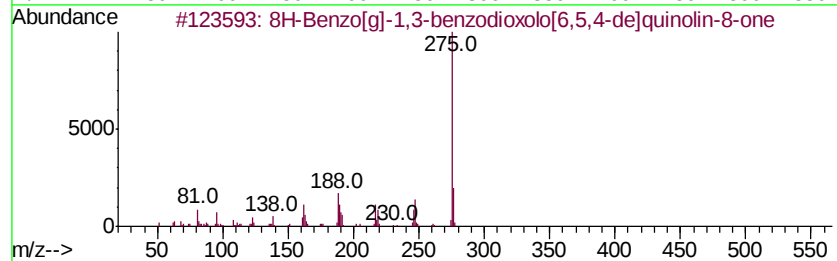
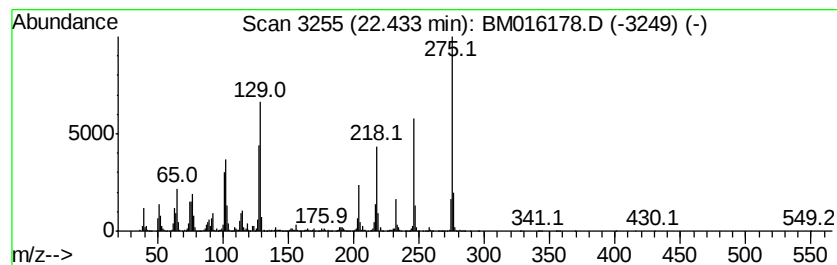
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Peak Number 5 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	111.79 ng/ul	3944920	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8H-Benzo[<i>g</i>]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	38
2		Acetic acid, 2-[5-(4-nitrophenyl)...	275	C13H13N3O4	351064-45-4	35
3		3,5-Diamino-6-[3,4-diethoxyphenyl]...	275	C13H17N5O2	058848-69-4	32
4		Ethyl 2-cyano-2-(9-fluorenylidene)...	275	C18H13NO2	014003-25-9	30
5		8H-Benzo[<i>g</i>]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016178.D
Acq On : 03 Aug 2018 14:05
Operator : SJ/JU
Sample : J4178-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD0

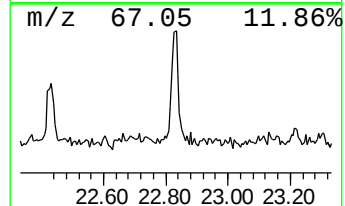
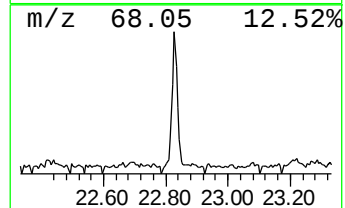
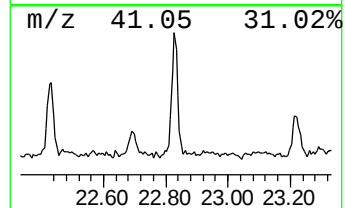
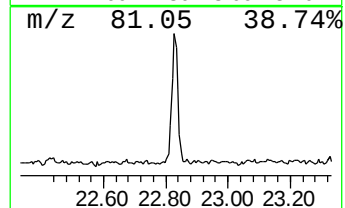
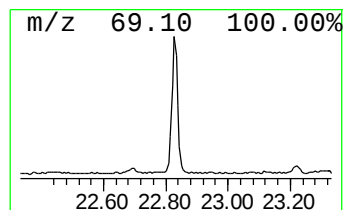
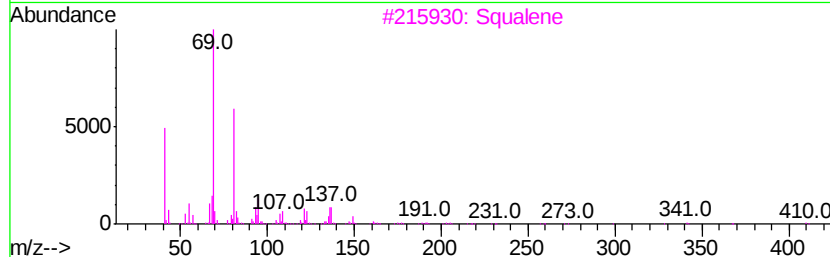
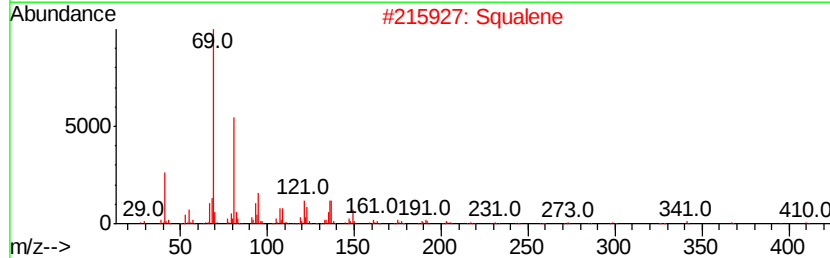
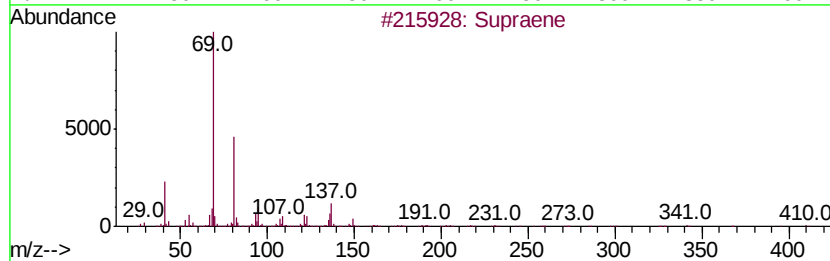
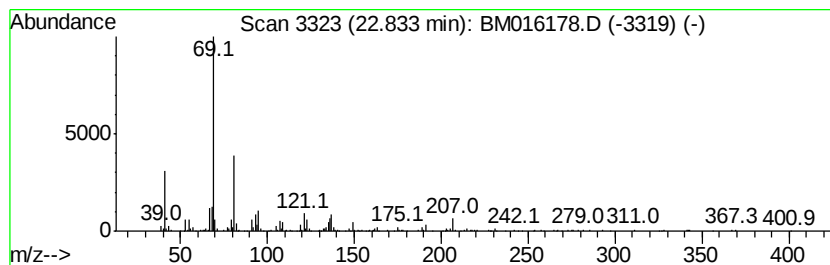
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	6.41 ng/ul	226349	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	72
2		Squalene	410	C30H50	000111-02-4	72
3		Squalene	410	C30H50	000111-02-4	72
4		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64
5		Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	64



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BNA_M
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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
1,3,5,7-Cycloocta...	15.55	2.0	ng/ul	60662	3	14.82	603378	20.0
n-Hexadecanoic acid	18.39	6.0	ng/ul	192526	4	17.54	646205	20.0
Octadecanoic acid	19.65	2.7	ng/ul	95220	5	21.67	705758	20.0
(DEL) Alkane: Str...	21.33	4.7	ng/ul	166691	5	21.67	705758	20.0
unknown-01	22.43	111.8	ng/ul	3944920	5	21.67	705758	20.0
Supraene	22.83	6.4	ng/ul	226349	5	21.67	705758	20.0