

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010495.D
 Acq On : 10 Jun 2017 20:58
 Operator : SJ/MA
 Sample : I3522-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C35

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.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	7.081	672	679	694	rBV	648436	1128029	18.60%	1.784%
2	7.234	699	705	713	rBV	450866	690937	11.39%	1.093%
3	7.434	731	739	748	rBV	760267	1215567	20.04%	1.922%
4	7.893	809	817	826	rBV	743224	1192940	19.67%	1.886%
5	8.616	930	940	953	rVB2	821054	1338506	22.06%	2.117%
6	9.081	1012	1019	1026	rBV	613371	1053148	17.36%	1.665%
7	9.792	1133	1140	1148	rBV	647742	1048805	17.29%	1.659%
8	10.322	1223	1230	1240	rBV	987907	1671854	27.56%	2.644%
9	10.698	1286	1294	1299	rBV	898410	1536786	25.33%	2.430%
10	10.745	1299	1302	1310	rVB	341421	522771	8.62%	0.827%
11	10.863	1314	1322	1333	rBV	786446	1385746	22.84%	2.191%
12	12.351	1569	1575	1582	rVB3	100971	161160	2.66%	0.255%
13	12.569	1607	1612	1618	rVB3	53283	86790	1.43%	0.137%
14	13.363	1741	1747	1754	rBV2	47550	89160	1.47%	0.141%
15	13.945	1840	1846	1850	rBV	1869117	2530009	41.71%	4.001%
16	13.992	1850	1854	1859	rVB	1037833	1304230	21.50%	2.062%
17	14.227	1887	1894	1904	rBV	1837239	2730585	45.01%	4.318%
18	14.433	1923	1929	1938	rVV6	62022	168454	2.78%	0.266%
19	14.533	1940	1946	1952	rVV	1388223	2134622	35.19%	3.376%
20	14.598	1952	1957	1964	rVB	108775	179294	2.96%	0.284%
21	14.680	1967	1971	1976	rBV2	54850	91043	1.50%	0.144%
22	14.774	1981	1987	1998	rBV	659256	1121934	18.49%	1.774%
23	14.927	2007	2013	2018	rBV	180072	293594	4.84%	0.464%
24	14.969	2018	2020	2026	rVB3	66962	97454	1.61%	0.154%
25	15.316	2075	2079	2084	rVB5	48337	68420	1.13%	0.108%
26	15.521	2107	2114	2120	rBV	2544023	3514750	57.94%	5.558%
27	15.580	2120	2124	2129	rVB	179135	261286	4.31%	0.413%
28	15.651	2130	2136	2143	rBV	735607	1041374	17.17%	1.647%
29	16.098	2208	2212	2219	rVB6	33147	62177	1.02%	0.098%
30	16.180	2219	2226	2230	rBV4	52129	88716	1.46%	0.140%
31	17.098	2374	2382	2387	rBV3	68521	129040	2.13%	0.204%
32	17.280	2407	2413	2417	rBV	1965719	2776810	45.77%	4.391%
33	17.321	2417	2420	2424	rVV	581442	771503	12.72%	1.220%
34	17.380	2424	2430	2441	rVB	2828008	4228330	69.70%	6.686%

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35	17.668	2473	2479	2481	rBV	255257	358411	5.91%	0.567%
36	17.698	2481	2484	2493	rVB	243748	364917	6.02%	0.577%
37	18.127	2550	2557	2564	rBV2	428057	631760	10.41%	0.999%
38	18.198	2566	2569	2575	rVB7	65539	120104	1.98%	0.190%
39	19.327	2757	2761	2766	rVB	181695	250485	4.13%	0.396%
40	19.398	2769	2773	2776	rBV3	189798	251380	4.14%	0.398%
41	19.533	2792	2796	2805	rBV	2533470	2779127	45.81%	4.395%
42	19.668	2813	2819	2832	rBV	3683007	5305801	87.46%	8.390%
43	20.574	2969	2973	2980	rBV	1598470	1607429	26.50%	2.542%
44	21.098	3059	3062	3067	rBV6	198977	340488	5.61%	0.538%
45	21.445	3116	3121	3126	rBV	3275990	3996769	65.89%	6.320%
46	22.474	3293	3296	3300	rVB3	430502	505580	8.33%	0.799%
47	23.633	3486	3493	3501	rVB2	3267712	6066265	100.00%	9.593%
48	23.780	3512	3518	3525	rVB	2076463	3943355	65.00%	6.236%

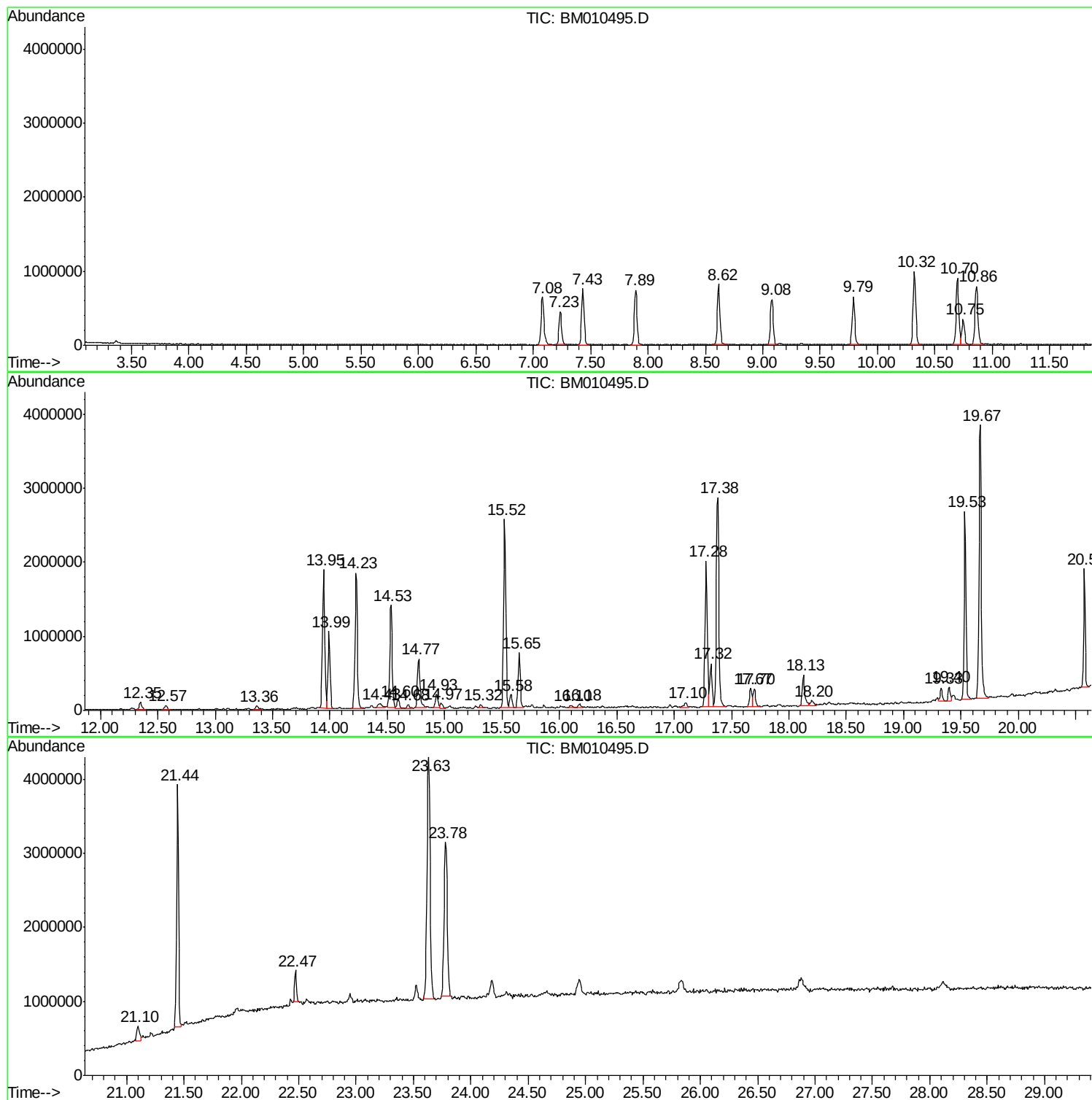
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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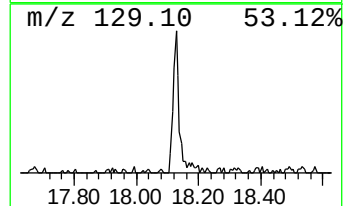
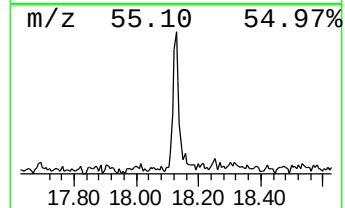
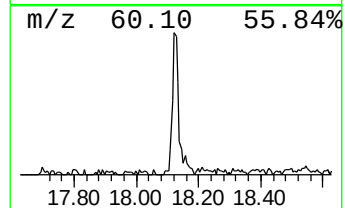
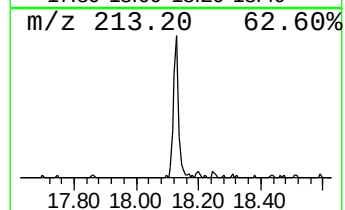
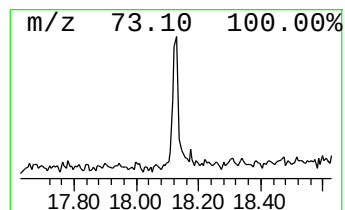
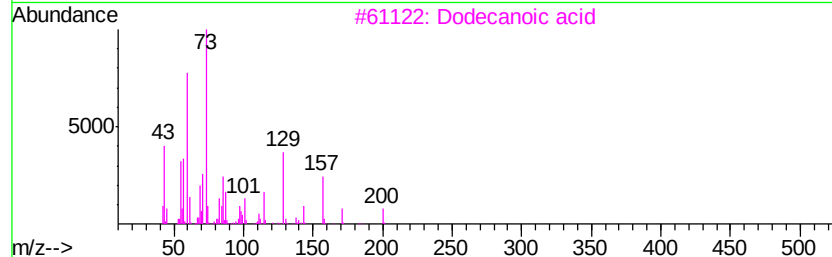
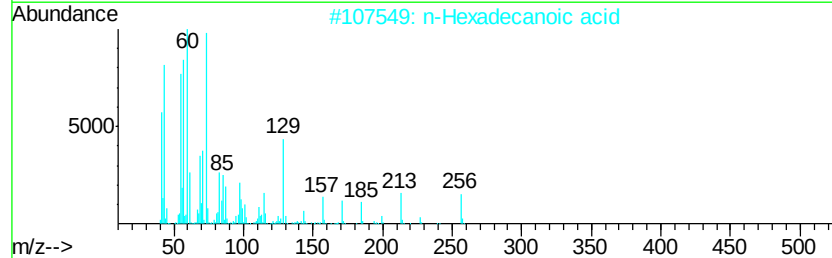
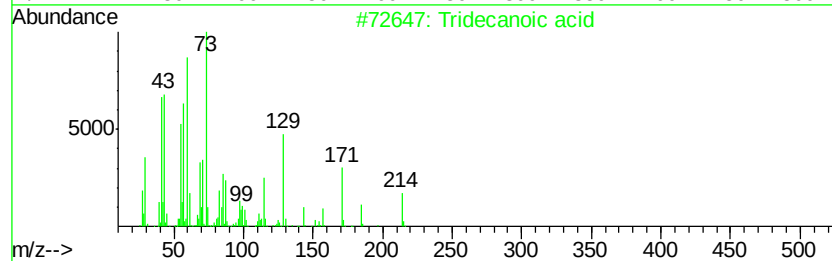
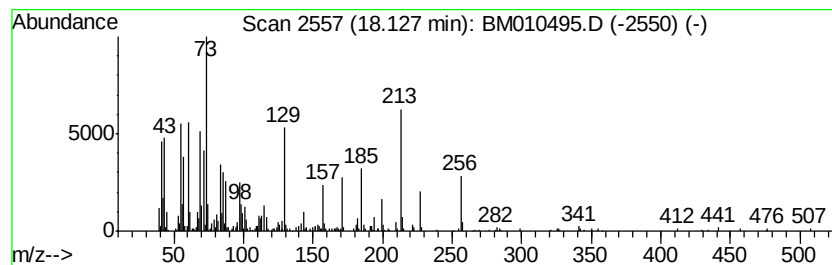
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	4.55 ng/ul	631760	Phenanthrene-d10	17.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecanoic acid	214 C13H26O2	000638-53-9 64
2		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 50
3		Dodecanoic acid	200 C12H24O2	000143-07-7 46
4		Tridecanoic acid	214 C13H26O2	000638-53-9 45
5		Dodecanoic acid	200 C12H24O2	000143-07-7 41



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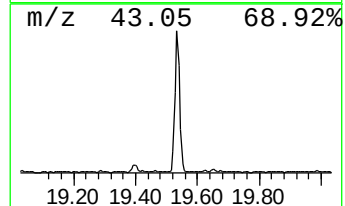
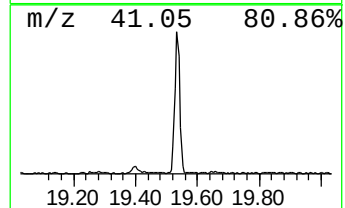
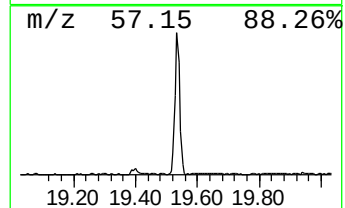
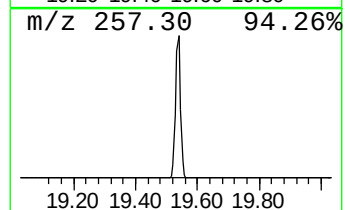
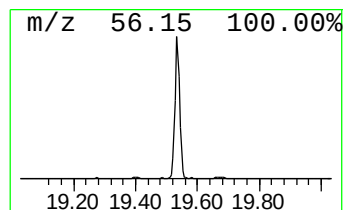
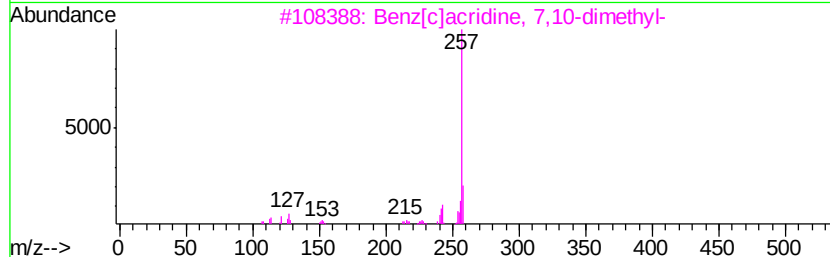
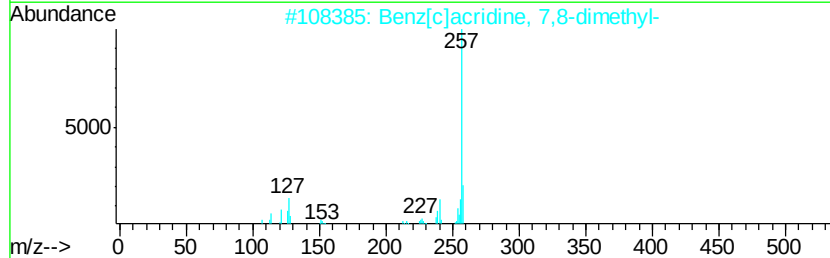
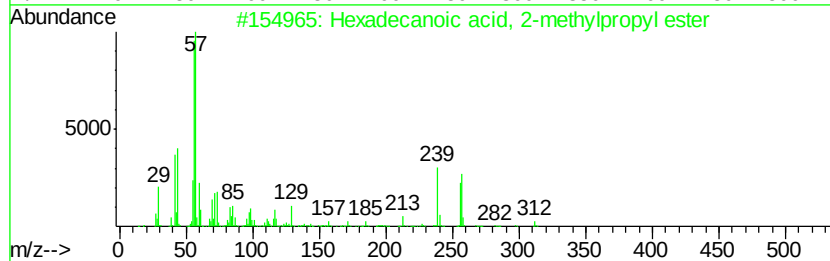
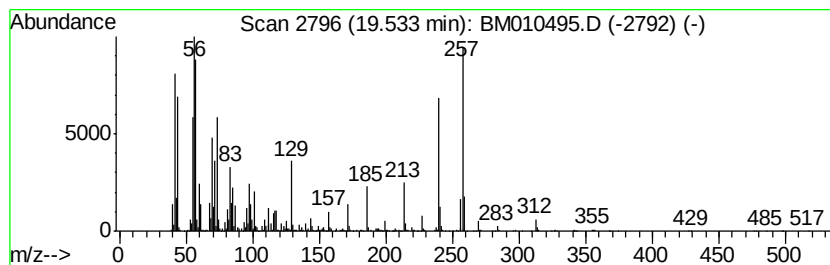
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	13.91 ng/ul	2779130	Chrysene-d12	21.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	38
2		Benz[c]acridine, 7,8-dimethyl-	257	C19H15N	003518-01-2	38
3		Benz[c]acridine, 7,10-dimethyl-	257	C19H15N	002381-40-0	38
4		Butyl 4,8,12-trimethyl-tridecanoate	312	C20H40O2	1000336-63-2	38
5		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	38



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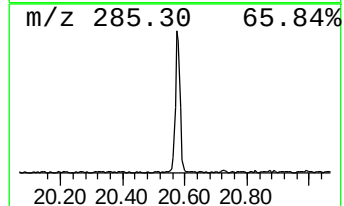
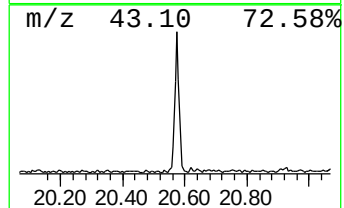
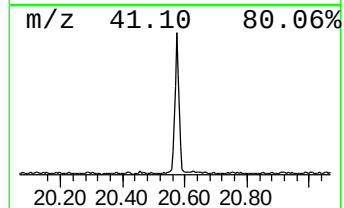
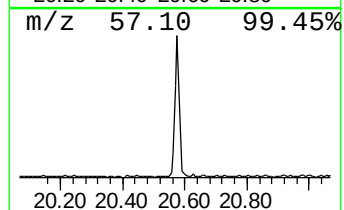
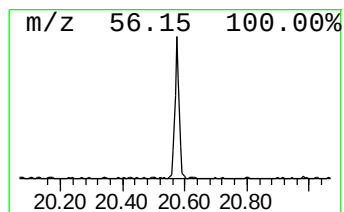
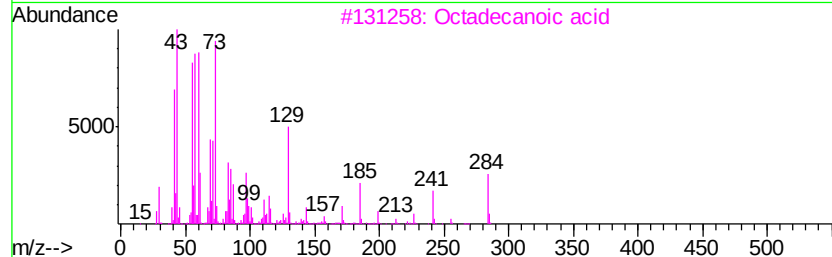
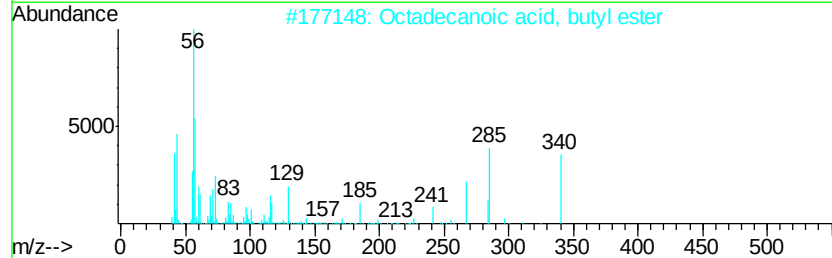
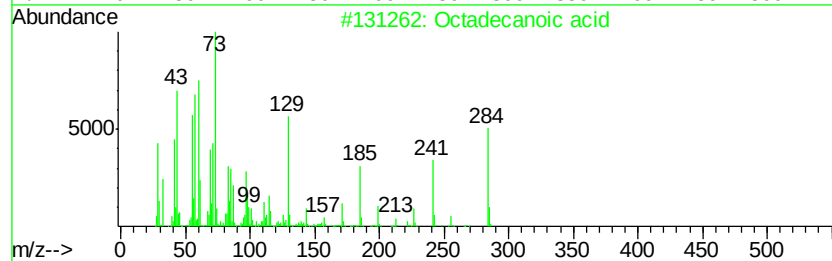
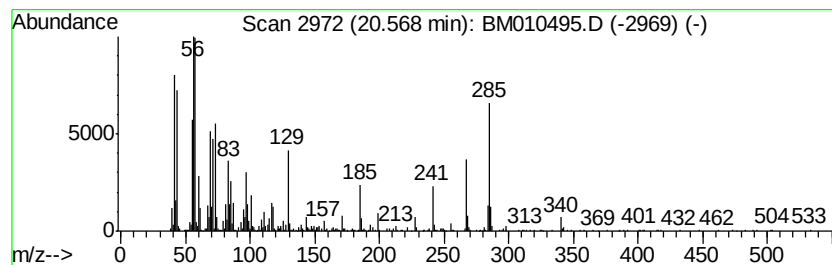
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	8.04 ng/ul	1607430	Chrysene-d12	21.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
3		Octadecanoic acid	284	C18H36O2	000057-11-4	45
4		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	38
5		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	27



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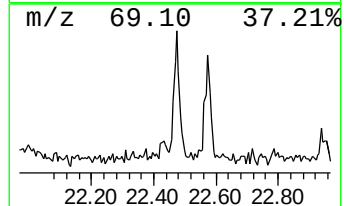
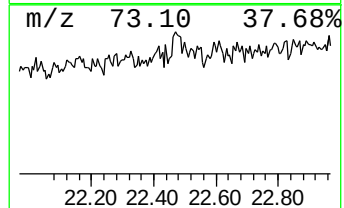
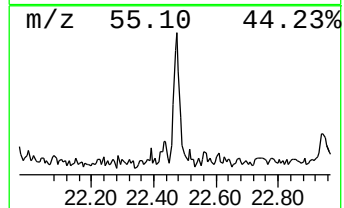
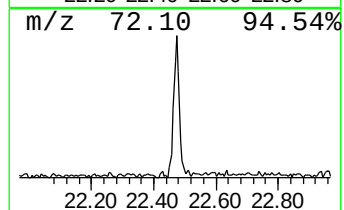
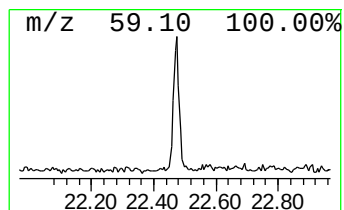
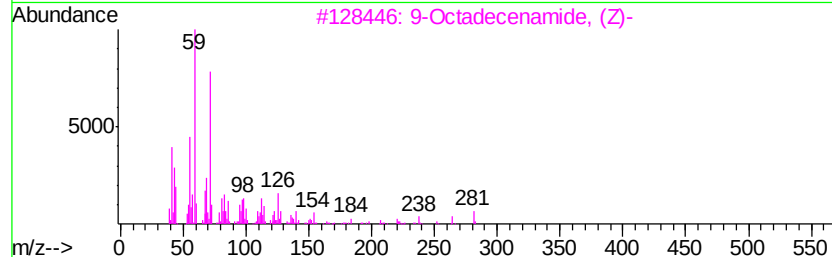
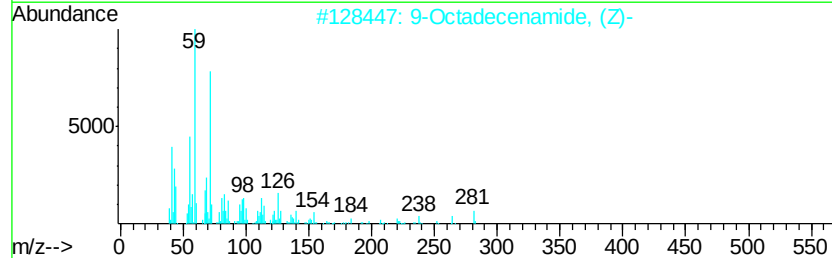
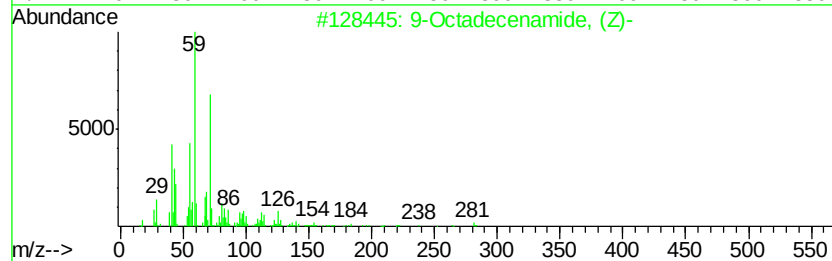
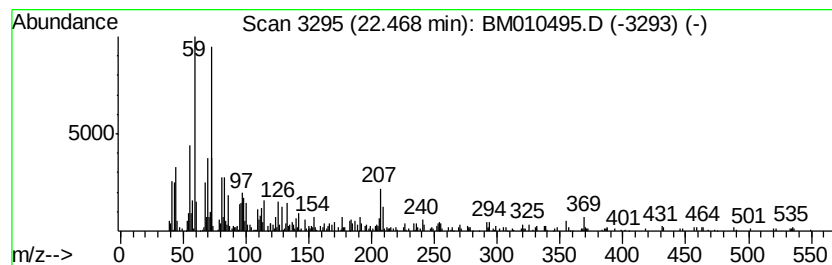
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	2.53 ng/ul	505580	Chrysene-d12	21.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
4		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
5		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	64



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TIC Library : C:\DATABASE\NIST11.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	18.13	4.5	ng/ul	631760	4	17.28	2776810	20.0
unknown-01	19.53	13.9	ng/ul	2779130	5	21.44	3996770	20.0
Octadecanoic acid	20.57	8.0	ng/ul	1607430	5	21.44	3996770	20.0
9-Octadecenamide,...	22.47	2.5	ng/ul	505580	5	21.44	3996770	20.0