

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
 Data File : BM027379.D
 Acq On : 10 Sep 2020 18:25
 Operator : JU/CG
 Sample : L3855-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW276

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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	3.134	22	25	31	rVB	42978	55885	0.94%	0.092%
2	3.840	143	145	151	rVB4	9225	10125	0.17%	0.017%
3	4.057	179	182	187	rVB2	19920	25453	0.43%	0.042%
4	4.457	248	250	255	rVB3	10189	11283	0.19%	0.018%
5	4.746	296	299	304	rVB5	10989	17303	0.29%	0.028%
6	5.322	393	397	402	rBV3	17228	22654	0.38%	0.037%
7	6.751	634	640	652	rBV	881936	1400784	23.58%	2.296%
8	6.910	661	667	679	rBV	707812	1056609	17.79%	1.732%
9	7.104	693	700	713	rVB	901286	1412375	23.78%	2.315%
10	7.204	713	717	729	rBV3	14811	31457	0.53%	0.052%
11	7.569	772	779	787	rBV	716063	1093179	18.40%	1.792%
12	7.645	789	792	801	rVB6	5951	10963	0.18%	0.018%
13	8.016	849	855	858	rBV4	4096	7373	0.12%	0.012%
14	8.275	892	899	911	rBV	1106737	1733156	29.18%	2.841%
15	8.710	964	973	984	rBV	884989	1416580	23.85%	2.322%
16	8.887	1001	1003	1014	rVB8	3979	6611	0.11%	0.011%
17	9.428	1087	1095	1104	rBV	783102	1253228	21.10%	2.054%
18	9.963	1179	1186	1203	rBV	1251667	1992846	33.55%	3.266%
19	10.334	1242	1249	1256	rBV	978992	1569896	26.43%	2.573%
20	10.475	1264	1273	1286	rBV	1008389	1764506	29.71%	2.892%
21	11.875	1504	1511	1515	rBV6	3826	8228	0.14%	0.013%
22	11.933	1517	1521	1528	rVB2	16459	28810	0.49%	0.047%
23	12.563	1622	1628	1632	rBV5	2898	6039	0.10%	0.010%
24	13.057	1708	1712	1718	rVB4	4489	6541	0.11%	0.011%
25	13.127	1718	1724	1728	rBV3	13956	23163	0.39%	0.038%
26	13.539	1789	1794	1799	rVB7	5039	6701	0.11%	0.011%
27	13.627	1802	1809	1813	rBV	2344710	3129447	52.69%	5.129%
28	13.674	1813	1817	1823	rVB	553479	732199	12.33%	1.200%
29	13.898	1848	1855	1865	rBV	2591843	3602338	60.65%	5.904%
30	14.139	1890	1896	1900	rBV3	5663	7556	0.13%	0.012%
31	14.210	1901	1908	1918	rVV	1607603	2352635	39.61%	3.856%
32	14.416	1933	1943	1963	rBV	966224	1486079	25.02%	2.436%
33	14.657	1980	1984	1989	rVB4	10163	13426	0.23%	0.022%
34	15.204	2070	2077	2088	rBV	3249768	4534563	76.34%	7.432%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	15.327	2092	2098	2114	rBV	962972	1388068	23.37%	2.275%
36	15.445	2114	2118	2123	rVB	36402	51363	0.86%	0.084%
37	15.721	2161	2165	2170	rVB2	30915	39468	0.66%	0.065%
38	15.986	2207	2210	2218	rVB5	14621	25903	0.44%	0.042%
39	16.633	2317	2320	2325	rVB6	6139	9212	0.16%	0.015%
40	16.745	2334	2339	2343	rBV3	11266	18065	0.30%	0.030%
41	16.957	2368	2375	2381	rBV	2092848	2918088	49.13%	4.783%
42	17.051	2385	2391	2406	rVV	3556180	4885341	82.25%	8.007%
43	17.762	2505	2512	2516	rBV9	5760	14783	0.25%	0.024%
44	17.880	2527	2532	2550	rBV	732665	1197365	20.16%	1.963%
45	18.186	2578	2584	2588	rBV6	17435	33281	0.56%	0.055%
46	18.756	2677	2681	2686	rBV8	19698	28780	0.48%	0.047%
47	18.821	2690	2692	2697	rVB6	10734	10896	0.18%	0.018%
48	18.992	2716	2721	2723	rBV	51384	78369	1.32%	0.128%
49	19.168	2746	2751	2760	rBV	436391	651770	10.97%	1.068%
50	19.239	2760	2763	2770	rVB	52674	95232	1.60%	0.156%
51	19.356	2777	2783	2789	rVB	4557665	5939841	100.00%	9.736%
52	19.903	2873	2876	2879	rBV2	34768	38367	0.65%	0.063%
53	20.892	3040	3044	3055	rBV	1224845	1501123	25.27%	2.460%
54	21.150	3083	3088	3099	rBV	2430339	3227472	54.34%	5.290%
55	21.774	3190	3194	3201	rVB4	146804	229971	3.87%	0.377%
56	22.703	3349	3352	3355	rBV2	132006	178056	3.00%	0.292%
57	22.744	3355	3359	3366	rVB	292433	465396	7.84%	0.763%
58	23.186	3428	3434	3441	rBV	2502481	4262607	71.76%	6.987%
59	23.321	3451	3457	3466	rVB	1399150	2462612	41.46%	4.036%
60	23.950	3560	3564	3572	rVB2	218184	428694	7.22%	0.703%

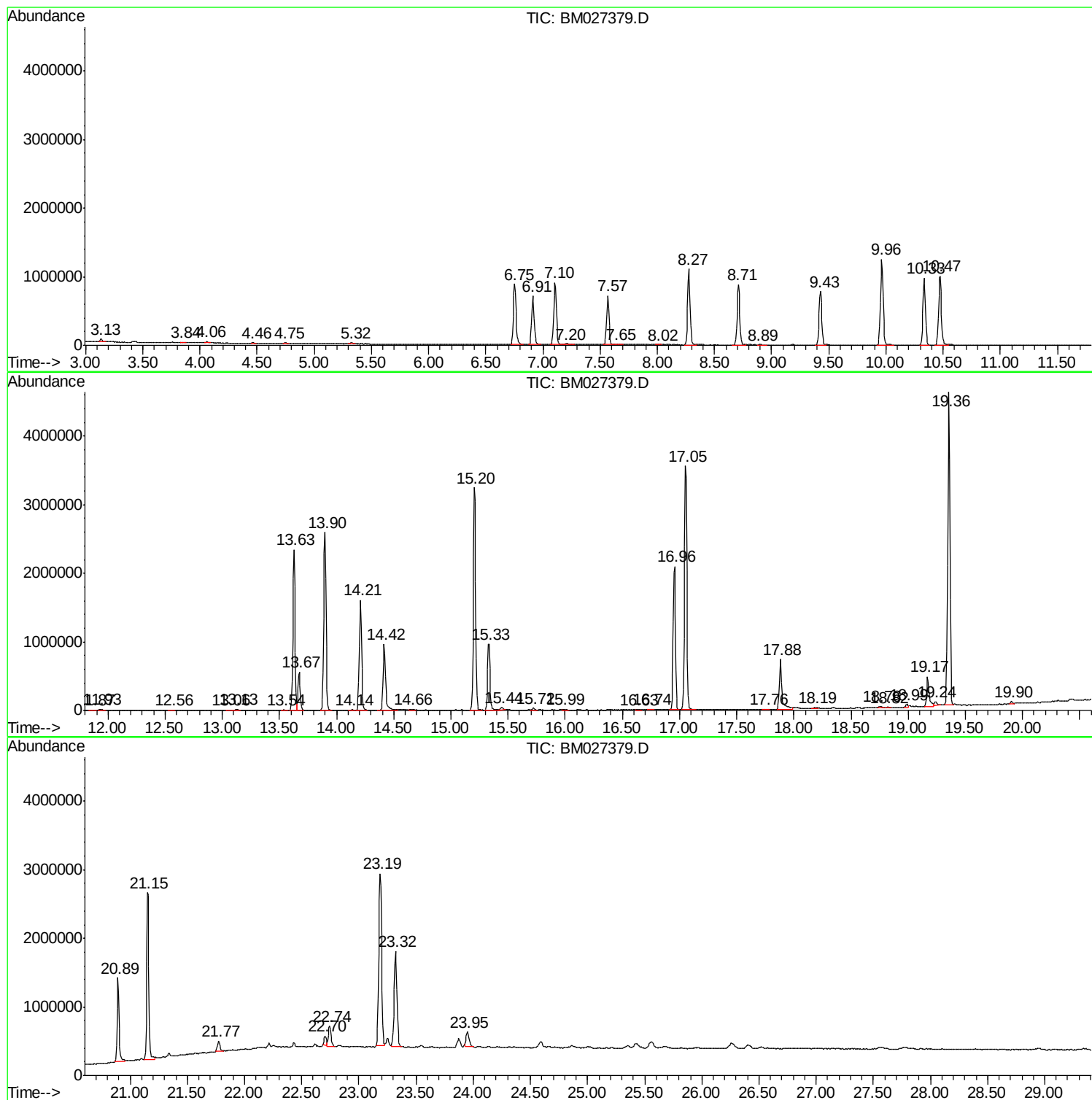
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Quant Title : SVOA CALIBRATION

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



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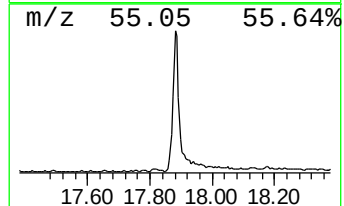
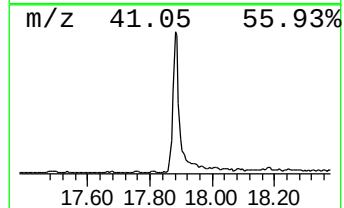
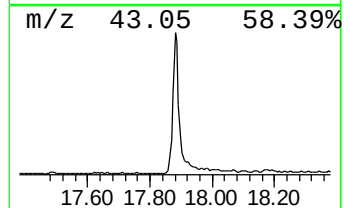
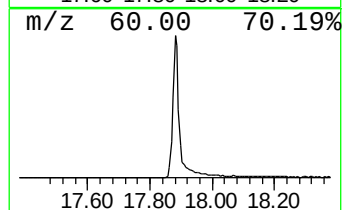
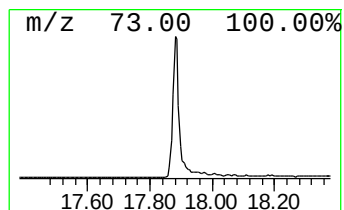
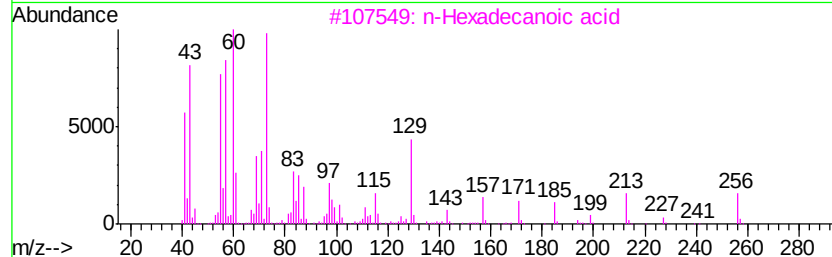
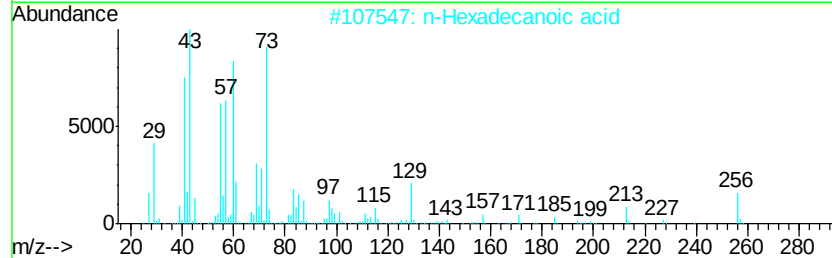
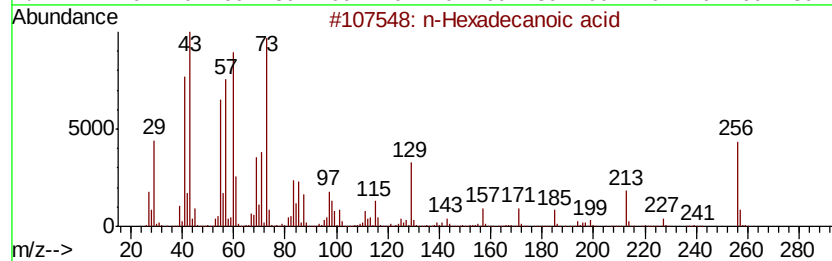
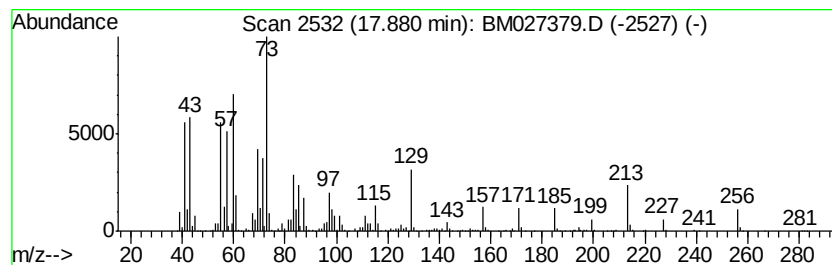
Instrument :
BNA_M
ClientSampleId :
EW276

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	8.21 ng/ul	1197370	Phenanthrene-d10	16.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	62
5	Pentadecanoic acid	242 C15H30O2	001002-84-2	62



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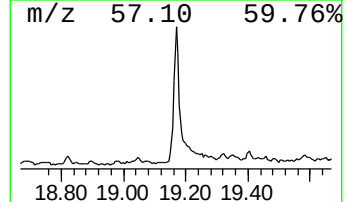
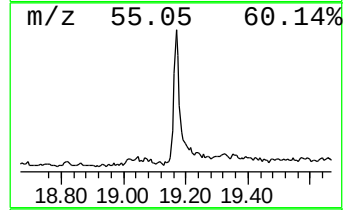
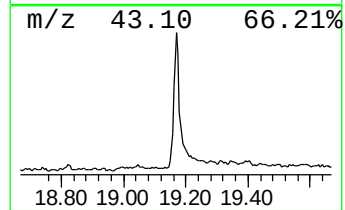
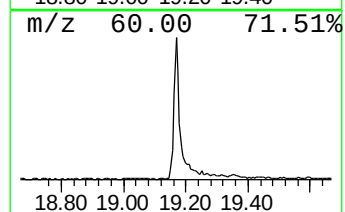
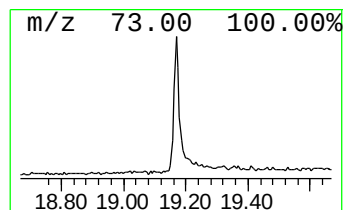
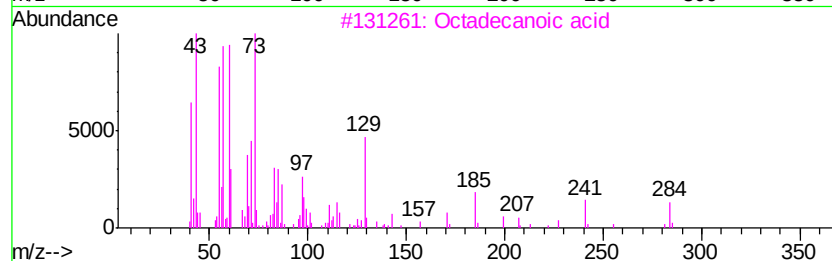
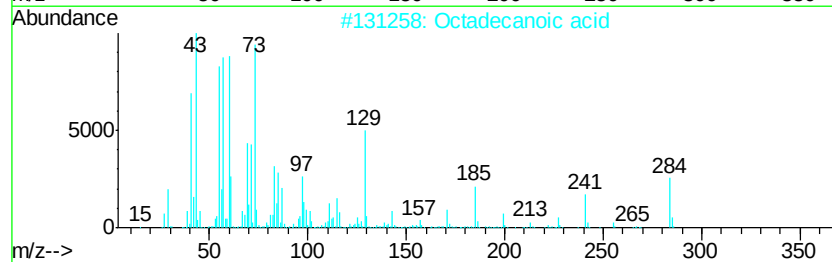
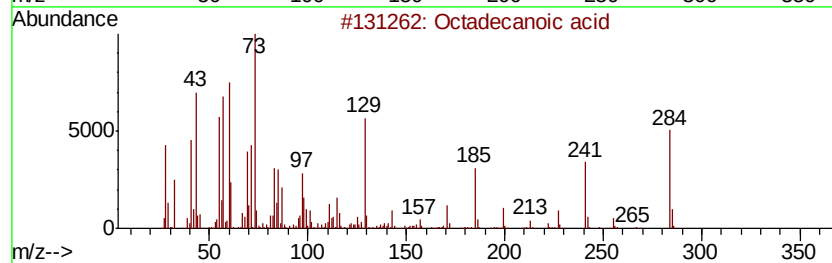
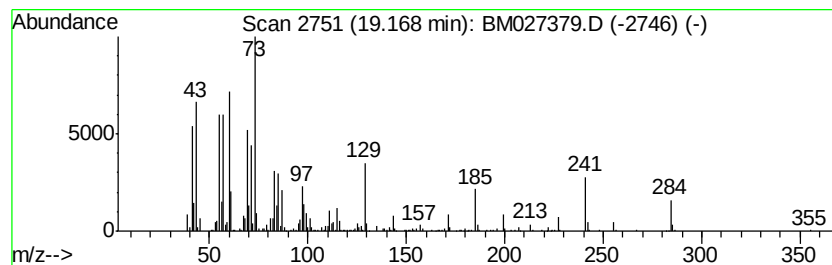
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	4.04 ng/ul	651770	Chrysene-d12	21.15

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	97
3			Octadecanoic acid	284	C18H36O2	000057-11-4	97
4			Octadecanoic acid	284	C18H36O2	000057-11-4	92
5			Octadecanoic acid	284	C18H36O2	000057-11-4	91



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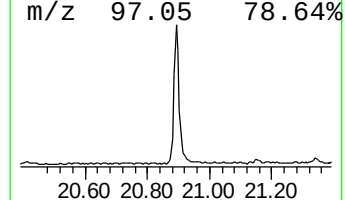
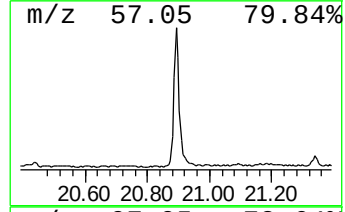
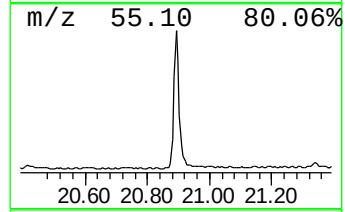
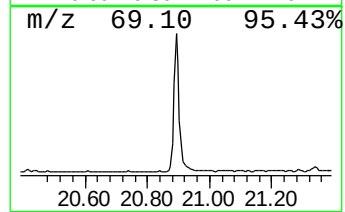
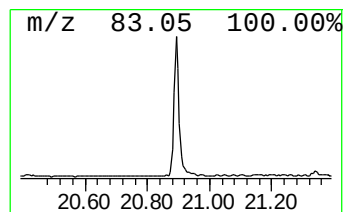
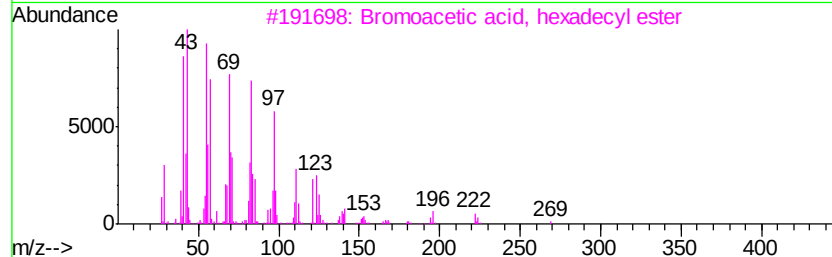
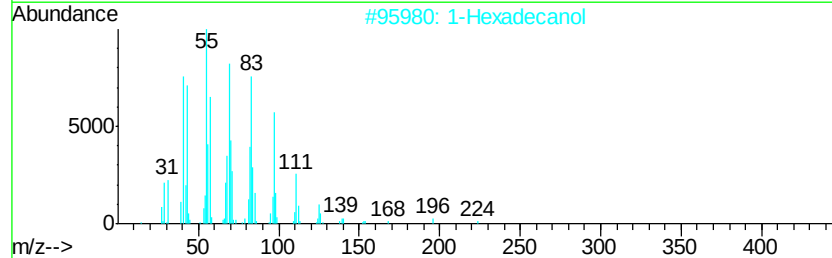
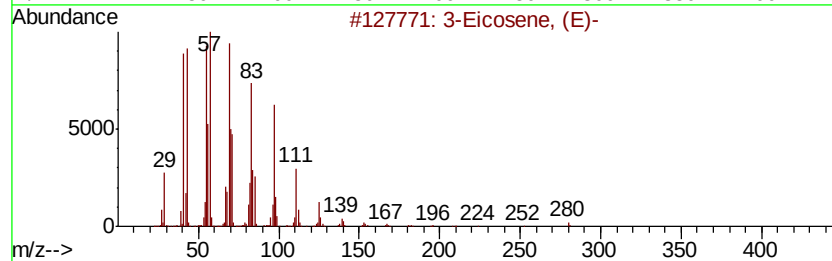
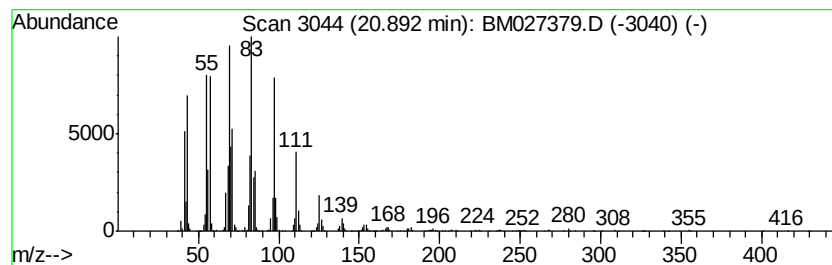
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	9.30 ng/ul	1501120	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2		1-Hexadecanol	242	C16H34O	036653-82-4	90
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
4		Behenic alcohol	326	C22H46O	000661-19-8	89
5		1-Docosene	308	C22H44	001599-67-3	81



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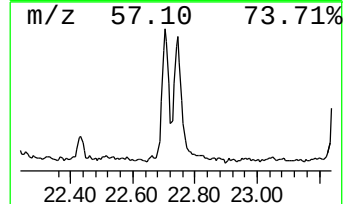
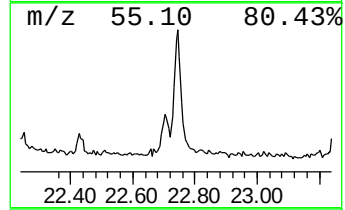
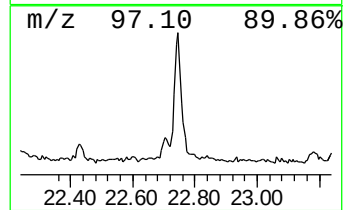
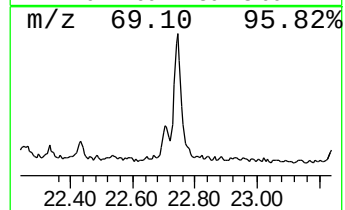
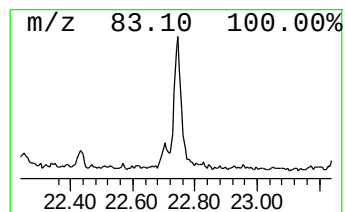
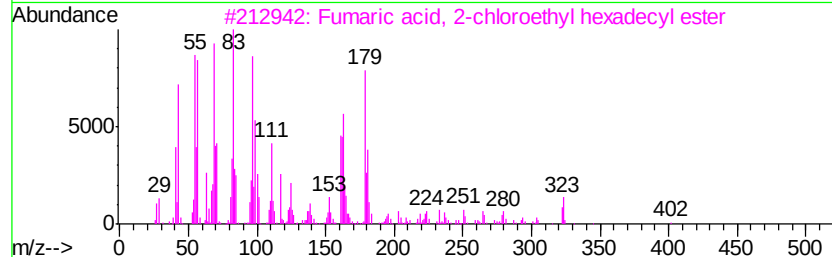
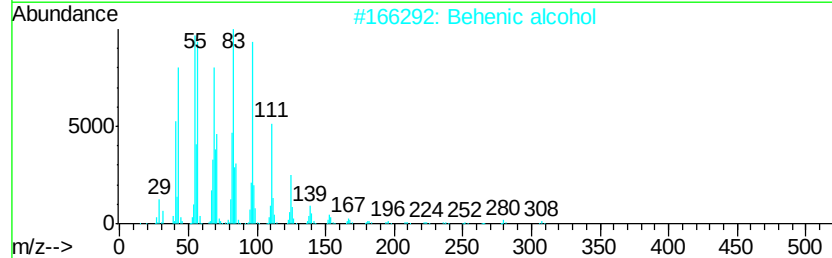
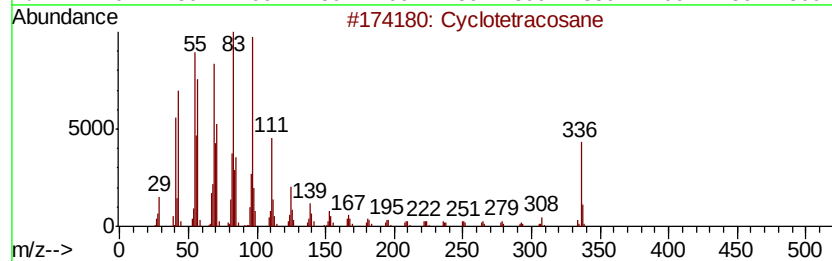
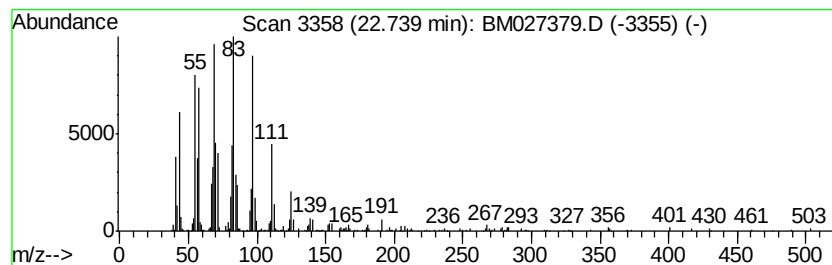
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic22.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	3.78 ng/ul	465396	Perylene-d12	23.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	93
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		Fumaric acid, 2-chloroethyl hexa...	402	C22H39ClO4	1000330-62-2	83
4		Fumaric acid, 2,2-dichloroethyl ...	422	C21H36Cl2O4	1000348-58-2	83
5		1-Eicosanol	298	C20H42O	000629-96-9	81



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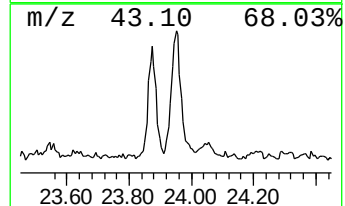
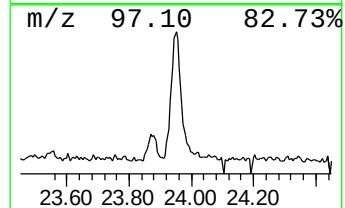
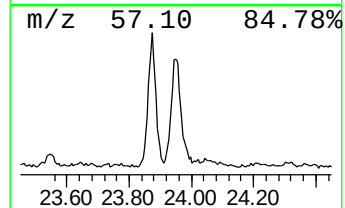
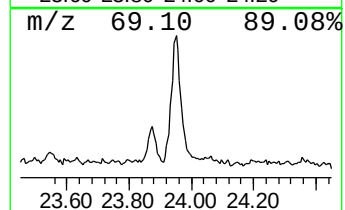
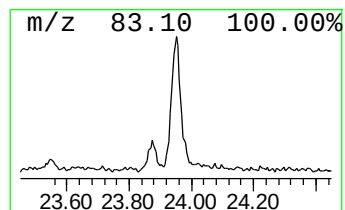
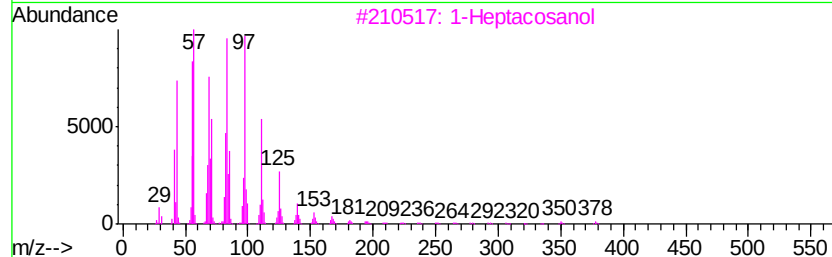
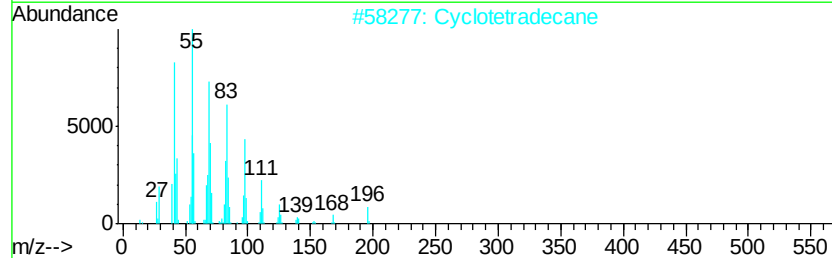
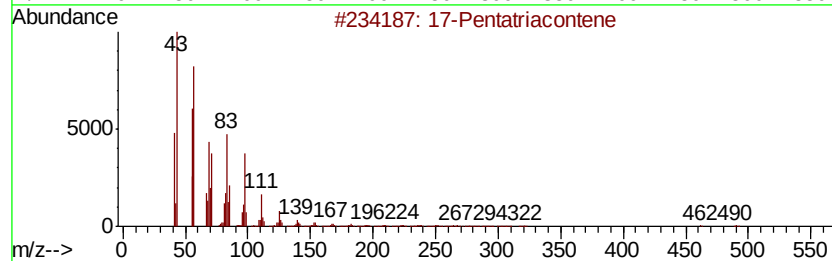
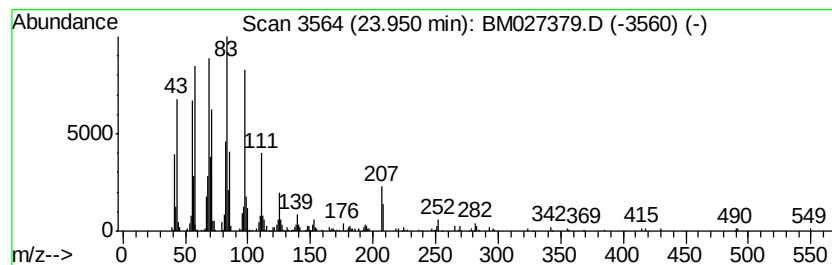
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	3.48 ng/ul	428694	Perylene-d12	23.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	93
2		Cyclotetradecane	196	C14H28	000295-17-0	89
3		1-Heptacosanol	396	C27H56O	002004-39-9	68
4		1-Octadecene	252	C18H36	000112-88-9	64
5		3-Octadecene, (E)-	252	C18H36	007206-19-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091020\
Data File : BM027379.D
Acq On : 10 Sep 2020 18:25
Operator : JU/CG
Sample : L3855-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW276

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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	17.88	8.2	ng/ul	1197370	4	16.96	2918090	20.0
Octadecanoic acid	19.17	4.0	ng/ul	651770	5	21.15	3227470	20.0
(DEL) Alkane: Str...	20.89	9.3	ng/ul	1501120	5	21.15	3227470	20.0
(DEL) Alkane: Cyc...	22.74	3.8	ng/ul	465396	6	23.32	2462610	20.0
(DEL) Alkane: Str...	23.95	3.5	ng/ul	428694	6	23.32	2462610	20.0