

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
 Data File : BM023869.D
 Acq On : 22 Nov 2019 21:22
 Operator : JU
 Sample : K5784-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLN4

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-BM111119MA.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	3.052	25	28	35	rVB	70239	104927	1.01%	0.120%
2	3.675	131	134	139	rVB2	22067	32675	0.32%	0.037%
3	4.699	306	308	311	rBV4	10740	12275	0.12%	0.014%
4	6.575	620	627	630	rBV8	7010	16624	0.16%	0.019%
5	6.698	643	648	651	rBV	328721	551942	5.34%	0.629%
6	6.857	669	675	690	rBV	1012703	1670244	16.15%	1.905%
7	7.045	700	707	721	rBV	1200727	1926112	18.62%	2.197%
8	7.510	779	786	795	rBV	1089639	1753208	16.95%	2.000%
9	7.592	795	800	805	rVB7	13019	21973	0.21%	0.025%
10	8.228	901	908	920	rBV	884924	1496369	14.47%	1.707%
11	8.657	974	981	993	rBV	1253920	2128599	20.58%	2.428%
12	8.804	1004	1006	1015	rVB9	7821	14755	0.14%	0.017%
13	9.104	1051	1057	1064	rBV	41373	64381	0.62%	0.073%
14	9.375	1095	1103	1114	rBV	1047201	1782720	17.24%	2.033%
15	9.810	1171	1177	1179	rBV5	11857	15770	0.15%	0.018%
16	9.916	1188	1195	1210	rBV	1509204	2754253	26.63%	3.141%
17	10.281	1248	1257	1265	rBV	1522389	2508259	24.25%	2.861%
18	10.439	1277	1284	1293	rBV2	87550	183086	1.77%	0.209%
19	11.598	1478	1481	1489	rVB2	21989	30394	0.29%	0.035%
20	11.886	1525	1530	1536	rVB3	23697	39816	0.38%	0.045%
21	12.527	1631	1639	1643	rBV7	7382	16639	0.16%	0.019%
22	12.774	1676	1681	1689	rVB8	9417	16895	0.16%	0.019%
23	13.010	1717	1721	1728	rBV7	9563	14860	0.14%	0.017%
24	13.074	1728	1732	1736	rBV4	14955	23368	0.23%	0.027%
25	13.586	1813	1819	1824	rBV	3059186	4246417	41.06%	4.843%
26	13.633	1824	1827	1834	rVB	539261	748962	7.24%	0.854%
27	13.857	1858	1865	1875	rBV	3826790	5523635	53.41%	6.300%
28	14.098	1901	1906	1911	rBV7	5892	10843	0.10%	0.012%
29	14.169	1911	1918	1929	rBV	2396403	3457802	33.43%	3.944%
30	14.333	1942	1946	1950	rVB4	5558	10566	0.10%	0.012%
31	14.380	1950	1954	1955	rBV4	11716	11784	0.11%	0.013%
32	14.416	1955	1960	1975	rVV	148054	375000	3.63%	0.428%
33	14.616	1992	1994	2001	rVB8	13523	22974	0.22%	0.026%
34	14.998	2054	2059	2064	rBV2	21062	36991	0.36%	0.042%

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35	15.051	2066	2068	2072	rVB5	12023	14637	0.14%	0.017%
36	15.168	2081	2088	2104	rBV	4850389	6970070	67.39%	7.949%
37	15.304	2106	2111	2125	rBV	1054759	1560282	15.09%	1.780%
38	15.410	2125	2129	2137	rVB2	59692	93244	0.90%	0.106%
39	15.557	2149	2154	2158	rBV8	8055	16385	0.16%	0.019%
40	15.868	2202	2207	2212	rVV7	8518	16975	0.16%	0.019%
41	15.921	2212	2216	2218	rVV4	11937	14289	0.14%	0.016%
42	15.957	2218	2222	2225	rVB4	21173	28993	0.28%	0.033%
43	16.174	2256	2259	2263	rVB2	11544	15093	0.15%	0.017%
44	16.604	2328	2332	2334	rVV4	11818	11668	0.11%	0.013%
45	16.710	2348	2350	2357	rVB3	20591	29047	0.28%	0.033%
46	16.921	2380	2386	2396	rBV	2967672	4094050	39.58%	4.669%
47	17.021	2396	2403	2417	rBV	6096992	8317775	80.42%	9.487%
48	17.133	2419	2422	2427	rVB5	27490	41024	0.40%	0.047%
49	17.198	2427	2433	2437	rBV3	39945	87962	0.85%	0.100%
50	17.451	2473	2476	2481	rBV6	17367	24291	0.23%	0.028%
51	17.845	2538	2543	2550	rBV	274957	458245	4.43%	0.523%
52	18.145	2589	2594	2601	rBV5	42707	71174	0.69%	0.081%
53	18.786	2699	2703	2709	rBV	102189	133894	1.29%	0.153%
54	18.962	2729	2733	2736	rBV	70383	101284	0.98%	0.116%
55	19.139	2759	2763	2772	rBV3	98627	198258	1.92%	0.226%
56	19.209	2772	2775	2782	rVB	71978	114441	1.11%	0.131%
57	19.327	2789	2795	2800	rBV	7473419	9798434	94.74%	11.175%
58	19.368	2800	2802	2806	rVB	148226	167510	1.62%	0.191%
59	19.909	2891	2894	2898	rVB	136056	136701	1.32%	0.156%
60	20.409	2975	2979	2983	rBV	174732	215754	2.09%	0.246%
61	20.868	3053	3057	3062	rBV	757212	1031290	9.97%	1.176%
62	21.127	3096	3101	3109	rBV	3736001	4821818	46.62%	5.499%
63	21.309	3129	3132	3136	rBV	382774	395271	3.82%	0.451%
64	21.733	3201	3204	3210	rBV	418781	488148	4.72%	0.557%
65	22.174	3277	3279	3284	rVB	457117	572632	5.54%	0.653%
66	22.662	3359	3362	3367	rVB	509081	654571	6.33%	0.747%
67	23.150	3438	3445	3450	rBV	5975476	10342725	100.00%	11.796%
68	23.280	3462	3467	3475	rVB2	2843903	5016660	48.50%	5.722%

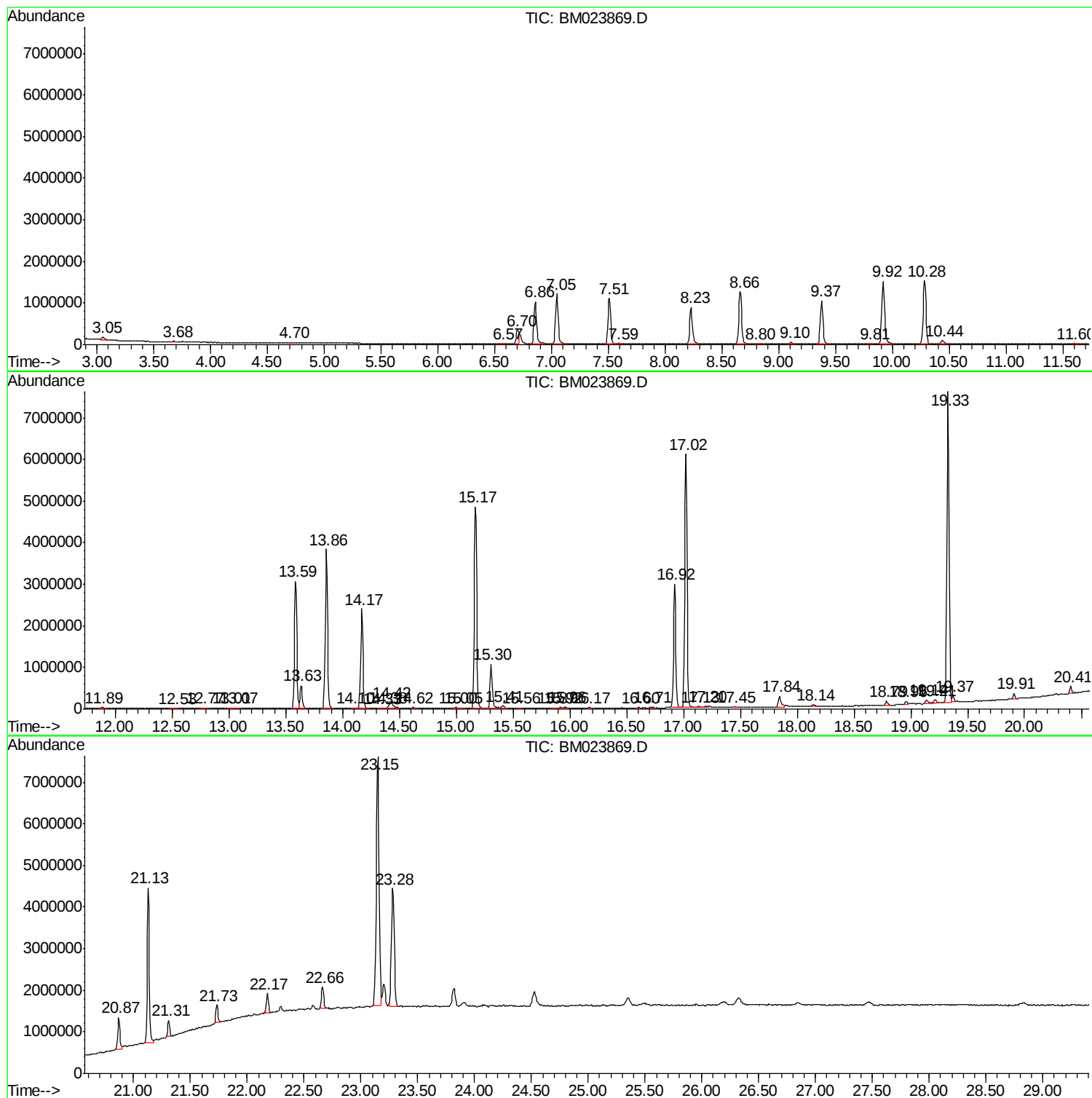
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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



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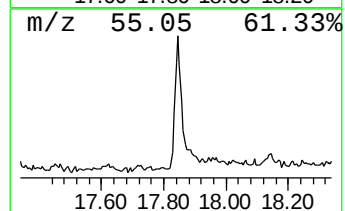
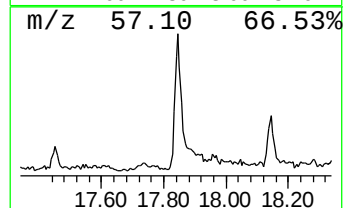
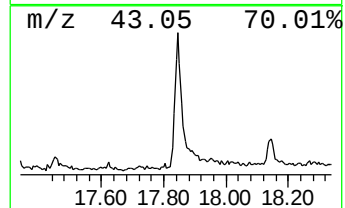
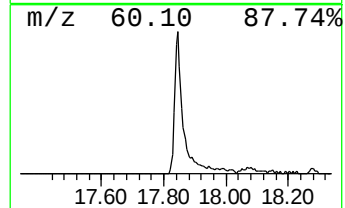
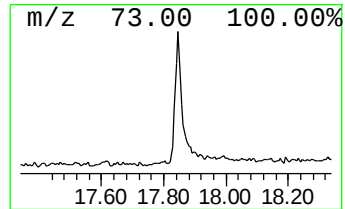
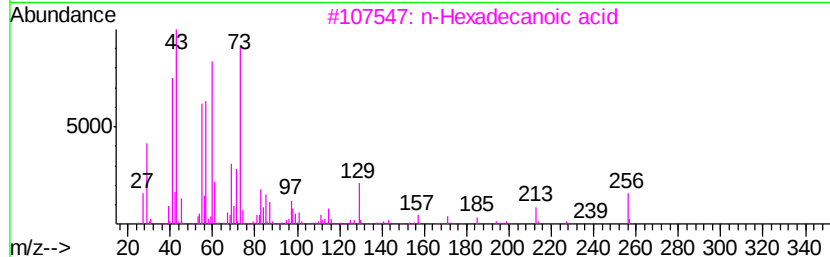
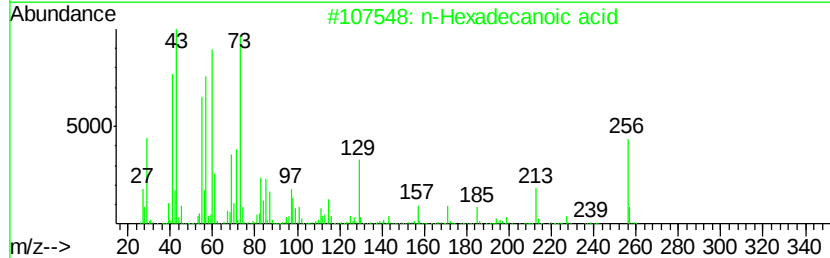
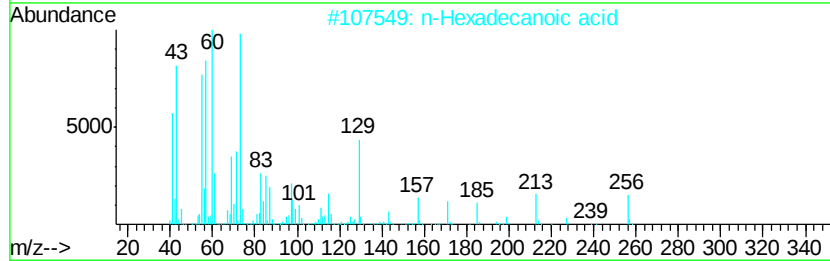
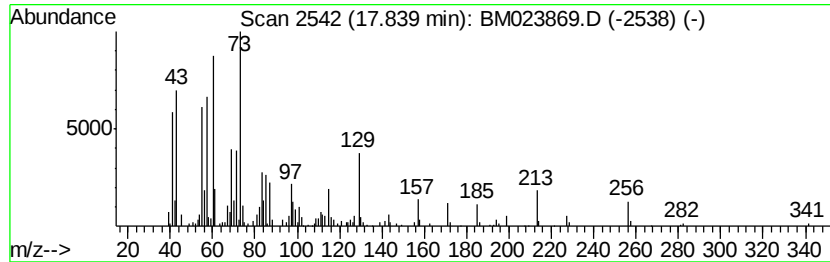
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	2.24 ng/ul	458245	Phenanthrene-d10	16.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4			Tridecanoic acid	214	C13H26O2	000638-53-9	81
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	76



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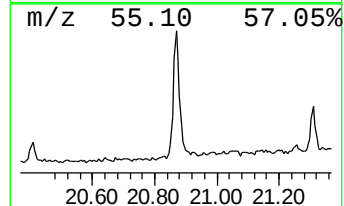
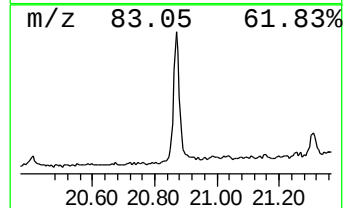
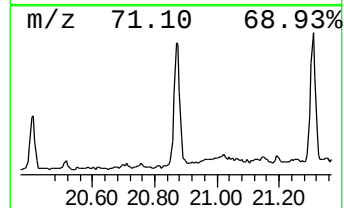
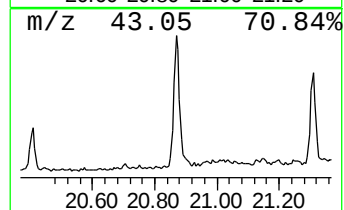
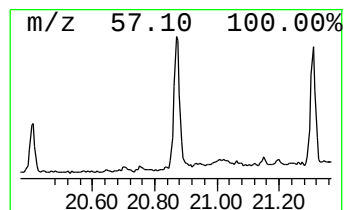
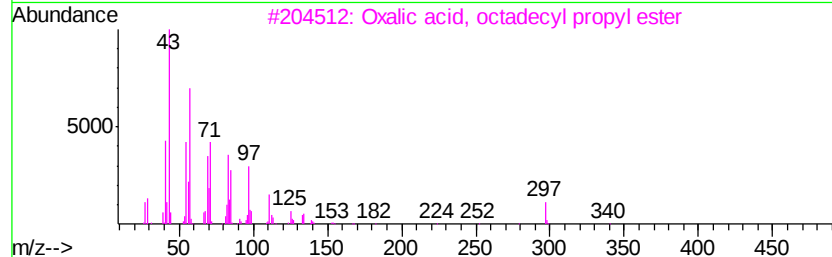
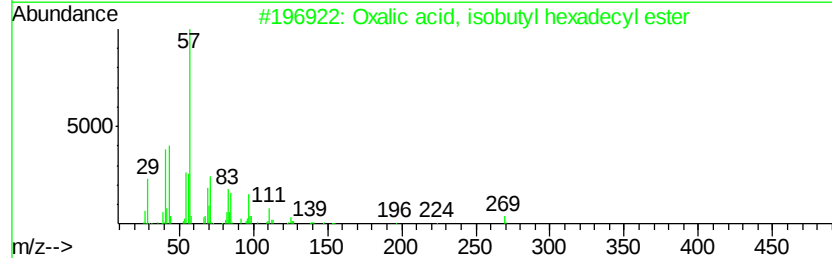
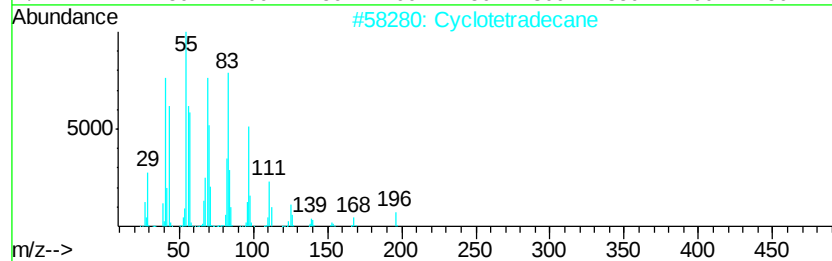
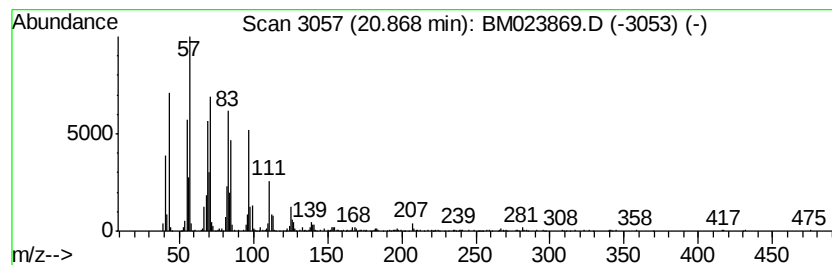
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic20.87 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.28 ng/ul	1031290	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	92
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3		Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	91
4		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	90
5		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87



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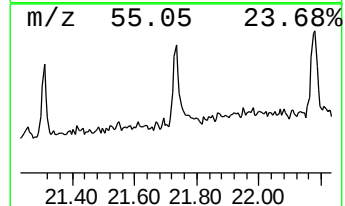
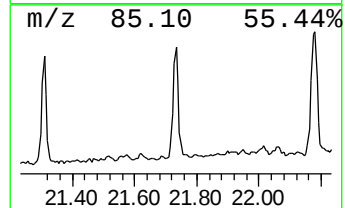
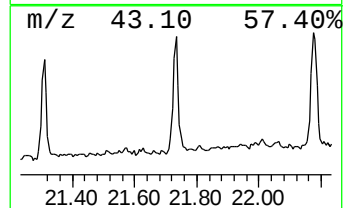
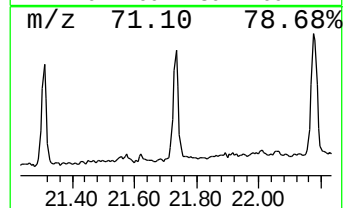
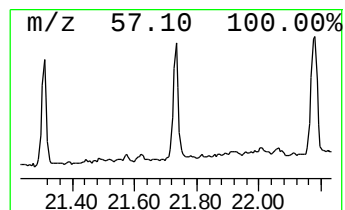
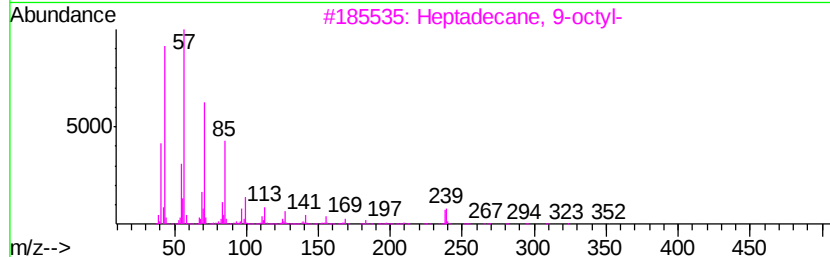
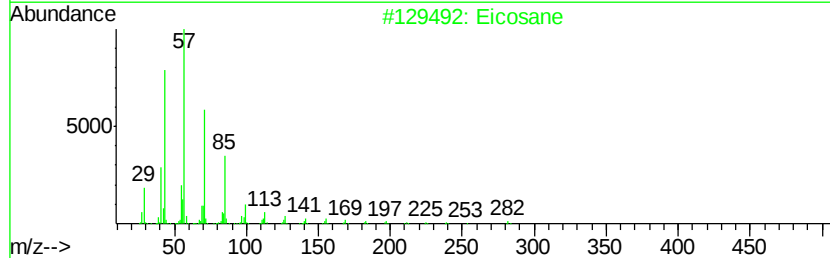
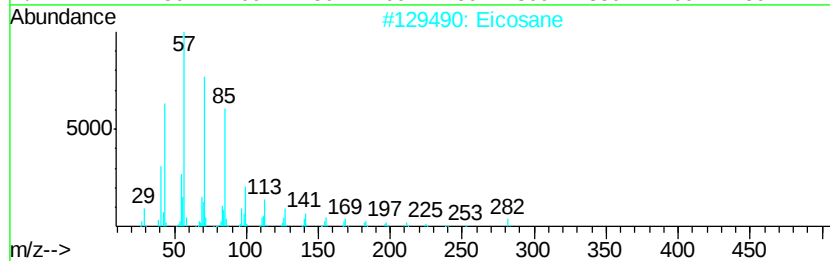
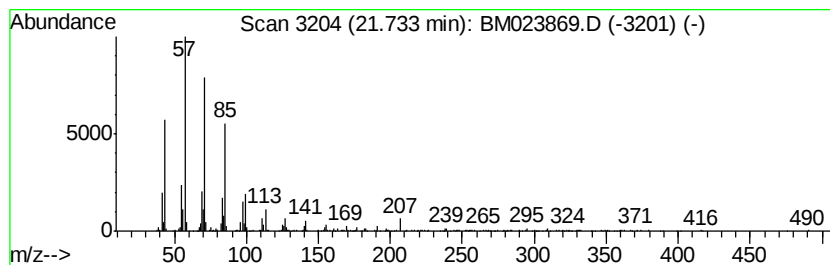
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	2.02 ng/ul	488148	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Eicosane	282	C20H42	000112-95-8	94
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Hexacosane	366	C26H54	000630-01-3	91



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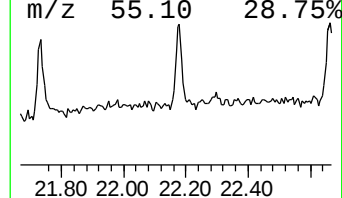
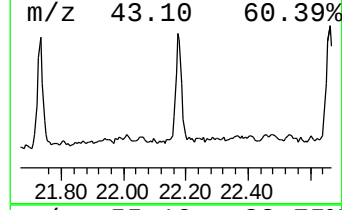
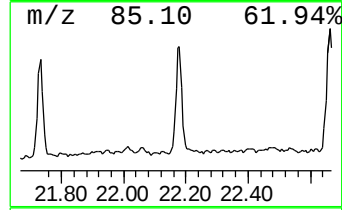
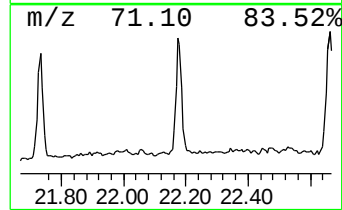
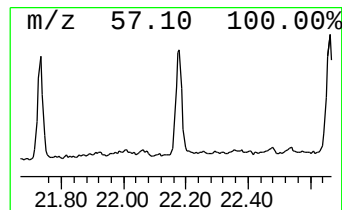
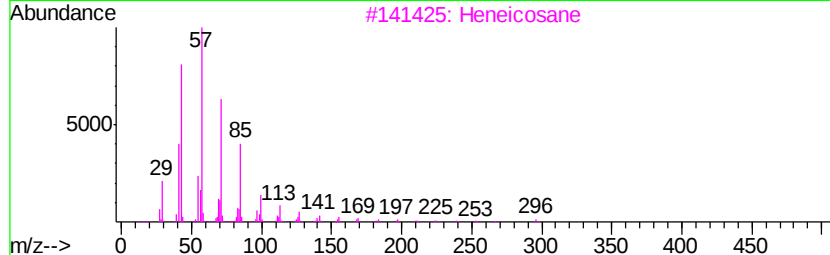
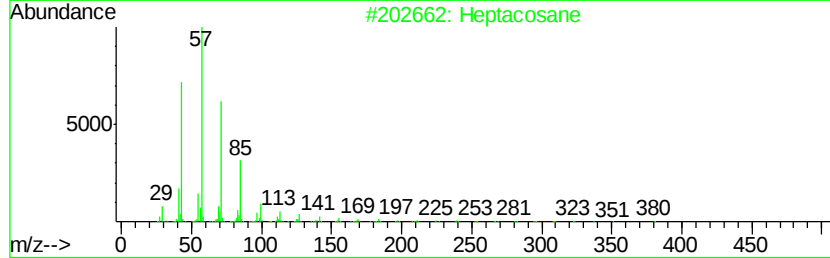
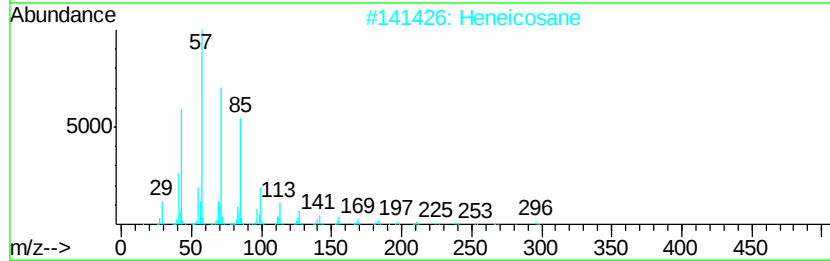
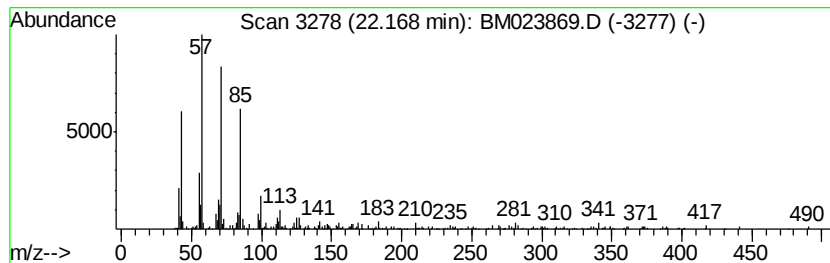
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	2.38 ng/ul	572632	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heptacosane	380	C27H56	000593-49-7	87
3		Heneicosane	296	C21H44	000629-94-7	86
4		Heneicosane	296	C21H44	000629-94-7	86
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	74



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ClientSampleId :
JLNB4

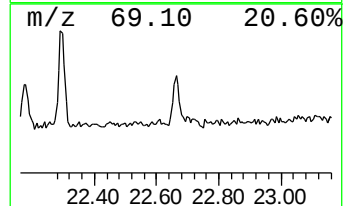
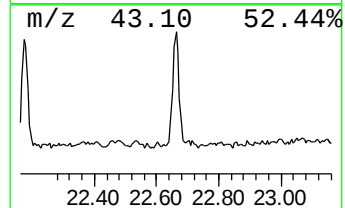
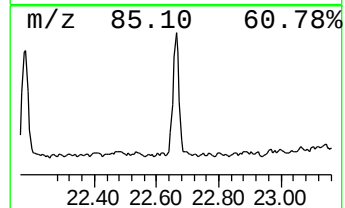
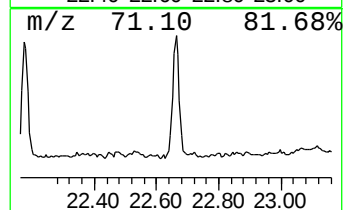
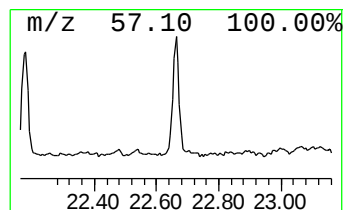
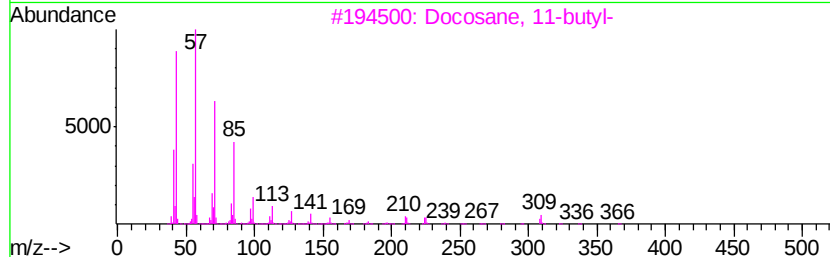
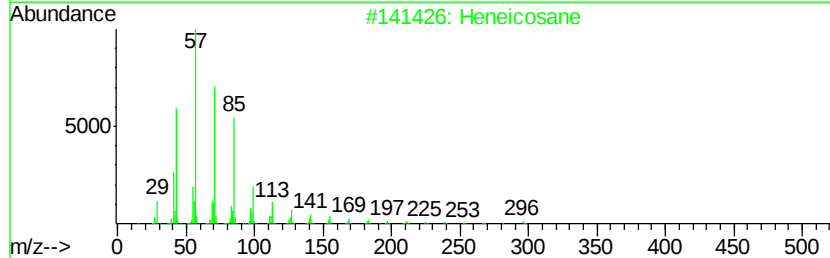
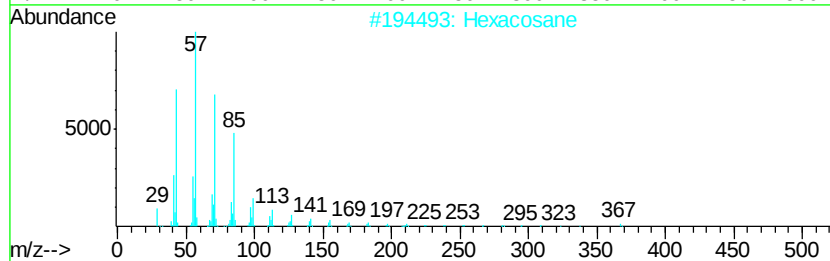
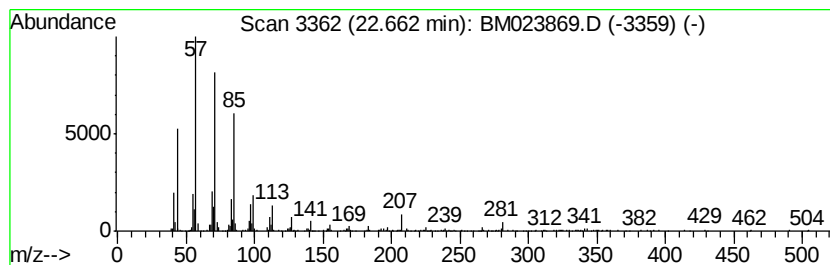
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	2.61 ng/ul	654571	Perylene-d12	23.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	86
4		Nonadecane	268	C19H40	000629-92-5	86
5		2-methyloctacosane	408	C29H60	1000376-72-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
Data File : BM023869.D
Acq On : 22 Nov 2019 21:22
Operator : JU
Sample : K5784-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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	17.84	2.2	ng/ul	458245	4	16.92	4094050	20.0
(DEL) Alkane: Cyc...	20.87	4.3	ng/ul	1031290	5	21.13	4821820	20.0
(DEL) Alkane: Str...	21.73	2.0	ng/ul	488148	5	21.13	4821820	20.0
(DEL) Alkane: Str...	22.17	2.4	ng/ul	572632	5	21.13	4821820	20.0
(DEL) Alkane: Str...	22.66	2.6	ng/ul	654571	6	23.28	5016660	20.0