

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
 Data File : BM020987.D
 Acq On : 17 Jun 2019 20:00
 Operator : HP/JU
 Sample : K3332-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A41W5

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-BM061419MA.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	3.034	4	8	20	rVB	1741151	2191375	36.76%	3.291%
2	3.122	21	23	28	rVB2	34134	39600	0.66%	0.059%
3	3.299	50	53	60	rVB	32446	49468	0.83%	0.074%
4	6.957	668	675	684	rBV	676579	1065424	17.87%	1.600%
5	7.128	698	704	715	rBV	555199	877568	14.72%	1.318%
6	7.322	730	737	748	rVB	721999	1138438	19.10%	1.710%
7	7.793	808	817	826	rBV	886833	1408249	23.63%	2.115%
8	8.492	929	936	949	rBV2	870917	1405300	23.58%	2.111%
9	8.951	1007	1014	1028	rBV	735464	1208508	20.27%	1.815%
10	9.110	1038	1041	1046	rVB5	5185	7528	0.13%	0.011%
11	9.328	1073	1078	1084	rVB4	6281	9499	0.16%	0.014%
12	9.669	1126	1136	1146	rBV	626298	1024589	17.19%	1.539%
13	10.198	1219	1226	1238	rBV	973152	1677681	28.15%	2.520%
14	10.581	1284	1291	1299	rVB	1338075	2213275	37.13%	3.324%
15	10.722	1307	1315	1327	rBV	764645	1401483	23.51%	2.105%
16	12.116	1548	1552	1557	rVV	13724	22516	0.38%	0.034%
17	12.175	1557	1562	1567	rVB2	13472	21531	0.36%	0.032%
18	12.780	1659	1665	1669	rVB5	8411	13603	0.23%	0.020%
19	13.033	1704	1708	1715	rBV4	10681	16797	0.28%	0.025%
20	13.710	1818	1823	1828	rBV3	12943	21946	0.37%	0.033%
21	13.839	1839	1845	1850	rBV	2126735	3053585	51.23%	4.586%
22	13.886	1850	1853	1862	rVB	444614	615375	10.32%	0.924%
23	14.074	1881	1885	1887	rBV3	7676	10420	0.17%	0.016%
24	14.121	1887	1893	1905	rVB	2303305	3350093	56.20%	5.031%
25	14.427	1938	1945	1955	rBV2	2198651	3377928	56.67%	5.073%
26	14.633	1974	1980	1997	rBV	732574	1167760	19.59%	1.754%
27	14.857	2012	2018	2025	rVB6	15474	26959	0.45%	0.040%
28	15.221	2077	2080	2084	rBV	33239	41877	0.70%	0.063%
29	15.257	2084	2086	2093	rVB4	7241	14120	0.24%	0.021%
30	15.427	2108	2115	2122	rBV	3132070	4480512	75.17%	6.729%
31	15.545	2129	2135	2146	rBV	812462	1132777	19.00%	1.701%
32	15.663	2150	2155	2161	rVB2	39966	54324	0.91%	0.082%
33	16.139	2232	2236	2239	rBV5	7743	12234	0.21%	0.018%
34	16.221	2245	2250	2255	rVB6	28084	41028	0.69%	0.062%

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35	16.315	2260	2266	2270	rBV6	13095	22114	0.37%	0.033%
36	16.374	2273	2276	2281	rBV5	4367	6413	0.11%	0.010%
37	16.710	2328	2333	2336	rBV4	5564	9009	0.15%	0.014%
38	16.927	2365	2370	2372	rBV5	8714	11400	0.19%	0.017%
39	16.962	2373	2376	2383	rVB2	10699	18857	0.32%	0.028%
40	17.086	2395	2397	2403	rVB4	6548	7689	0.13%	0.012%
41	17.180	2406	2413	2423	rBV	2854684	4185637	70.22%	6.286%
42	17.274	2423	2429	2439	rVV	3668420	5123323	85.95%	7.694%
43	17.345	2439	2441	2446	rVB6	6462	9557	0.16%	0.014%
44	17.662	2492	2495	2501	rVB6	8038	10273	0.17%	0.015%
45	17.845	2520	2526	2529	rBV3	25272	35050	0.59%	0.053%
46	18.062	2558	2563	2574	rBV	399328	640173	10.74%	0.961%
47	18.139	2574	2576	2581	rVB	20424	31044	0.52%	0.047%
48	18.245	2590	2594	2599	rVB8	19691	28880	0.48%	0.043%
49	18.304	2602	2604	2607	rVV4	13810	12916	0.22%	0.019%
50	18.351	2610	2612	2619	rVB7	9397	13366	0.22%	0.020%
51	18.527	2639	2642	2646	rBV5	13130	19525	0.33%	0.029%
52	18.698	2669	2671	2675	rBV5	9577	11949	0.20%	0.018%
53	18.868	2698	2700	2702	rVB2	8492	6888	0.12%	0.010%
54	18.992	2717	2721	2724	rBV4	29847	35765	0.60%	0.054%
55	19.204	2753	2757	2759	rBV	51917	71744	1.20%	0.108%
56	19.345	2777	2781	2786	rBV2	138061	186195	3.12%	0.280%
57	19.456	2797	2800	2804	rVB2	41491	51222	0.86%	0.077%
58	19.568	2813	2819	2831	rBV	4398252	5960760	100.00%	8.952%
59	20.103	2907	2910	2915	rVB2	63220	69458	1.17%	0.104%
60	20.603	2991	2995	2998	rBV2	77911	89311	1.50%	0.134%
61	21.062	3069	3073	3083	rBV	818914	1059205	17.77%	1.591%
62	21.356	3118	3123	3132	rBV	3205473	4167481	69.92%	6.259%
63	21.497	3144	3147	3153	rBV	214254	258625	4.34%	0.388%
64	21.945	3219	3223	3228	rBV	396077	556761	9.34%	0.836%
65	22.415	3299	3303	3308	rVB	328123	426225	7.15%	0.640%
66	22.927	3386	3390	3394	rVB	462411	626103	10.50%	0.940%
67	23.491	3479	3486	3496	rVB	2982192	5707933	95.76%	8.572%
68	23.639	3504	3511	3521	rVB2	2002320	3920146	65.77%	5.887%

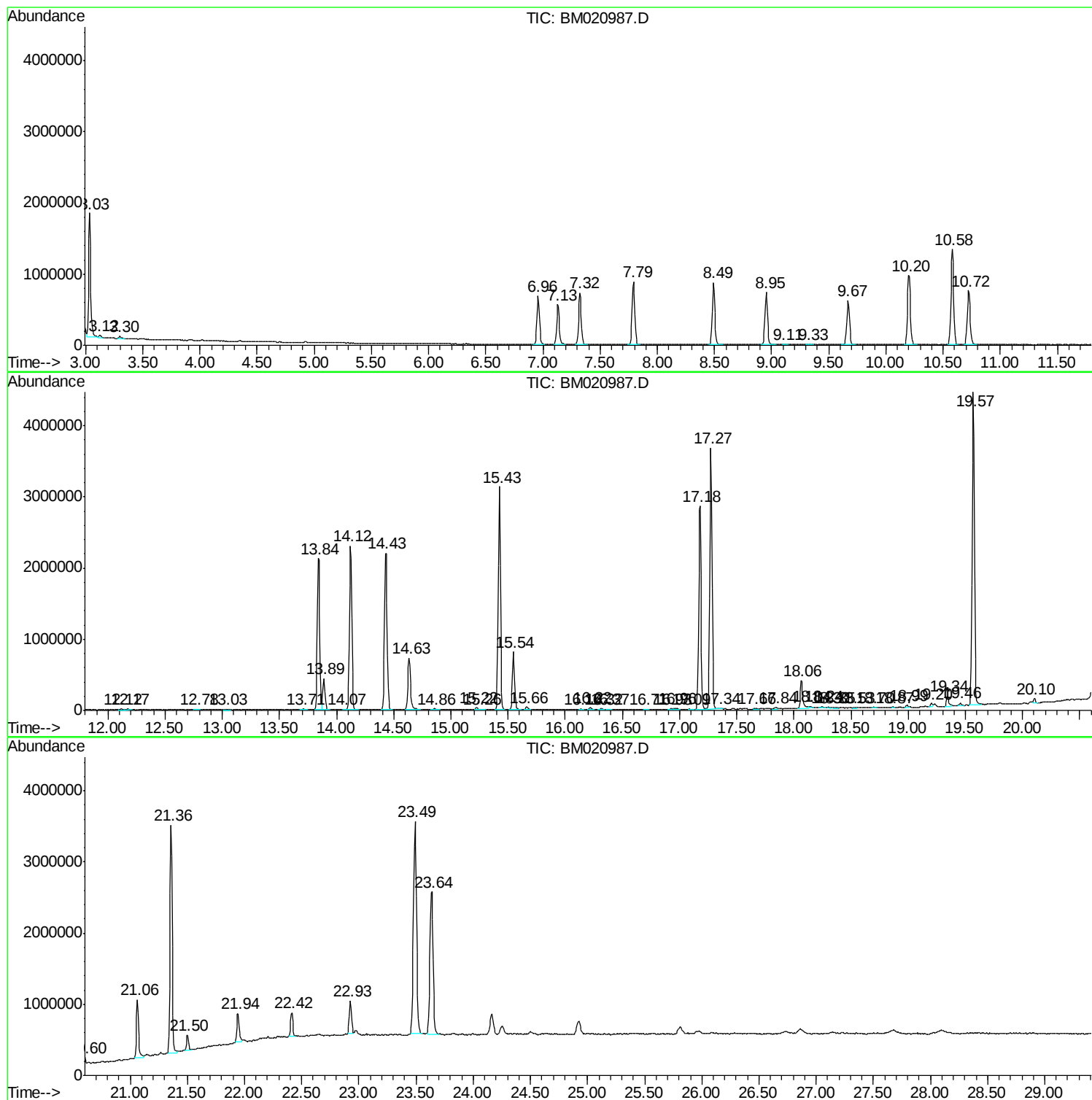
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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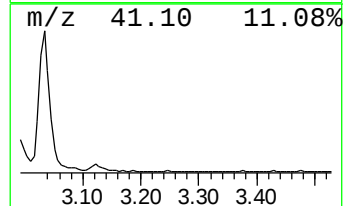
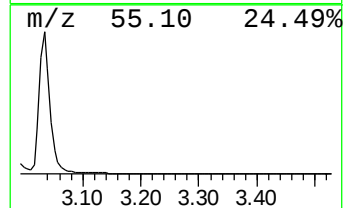
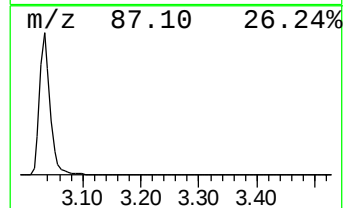
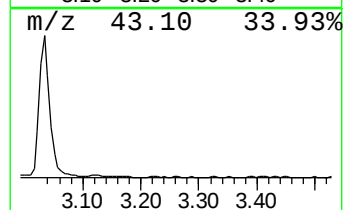
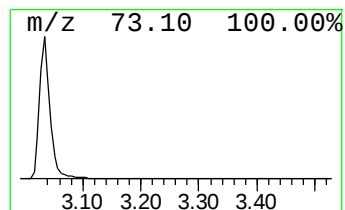
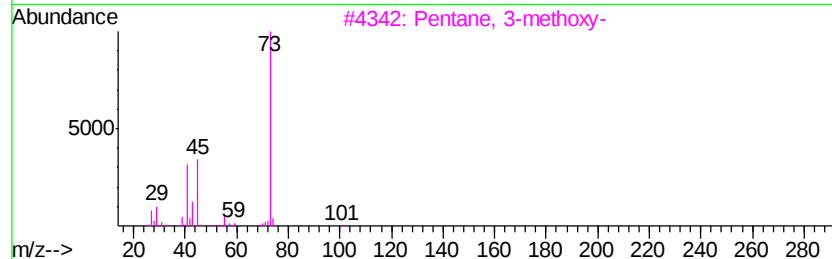
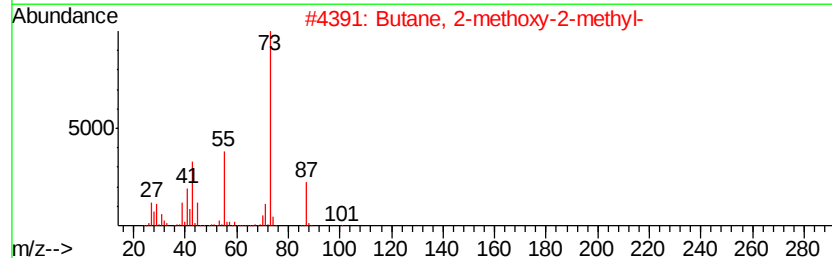
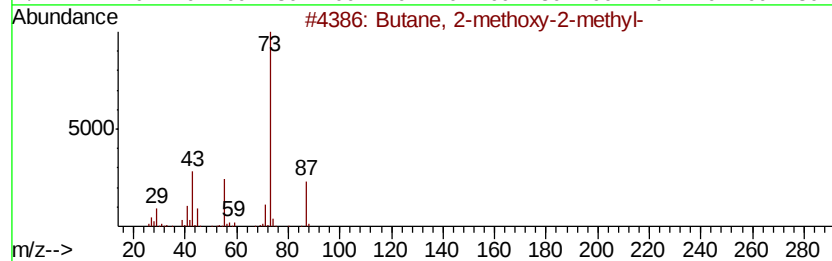
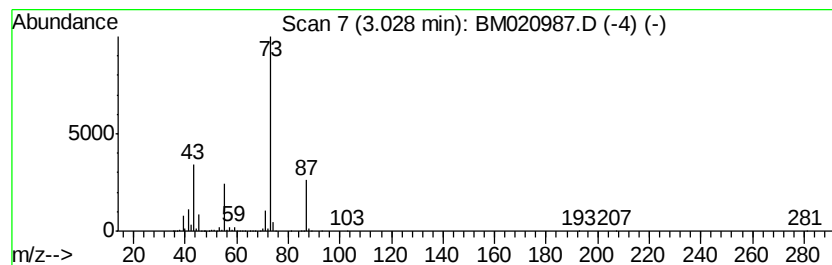
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	31.12 ng/ul	2191380	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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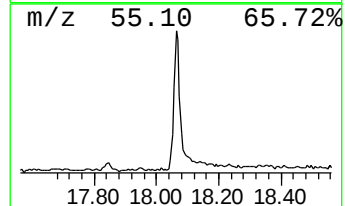
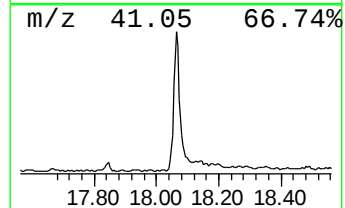
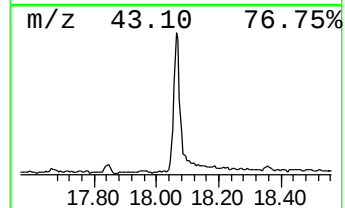
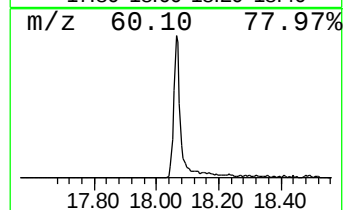
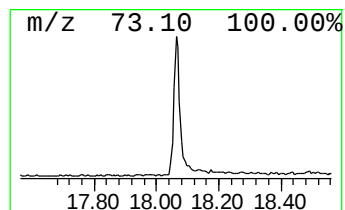
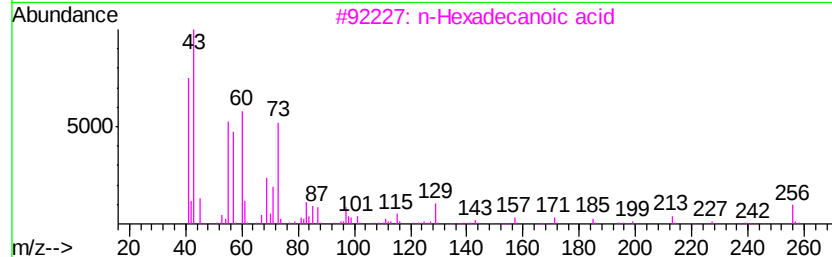
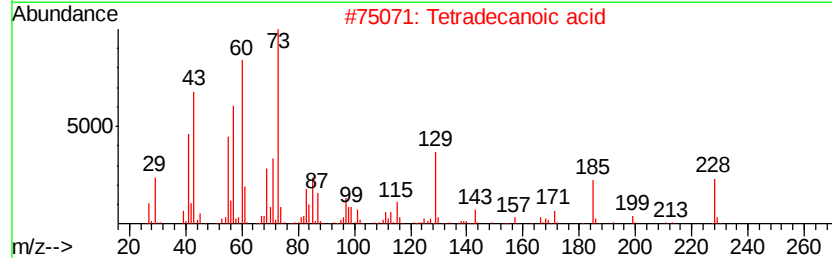
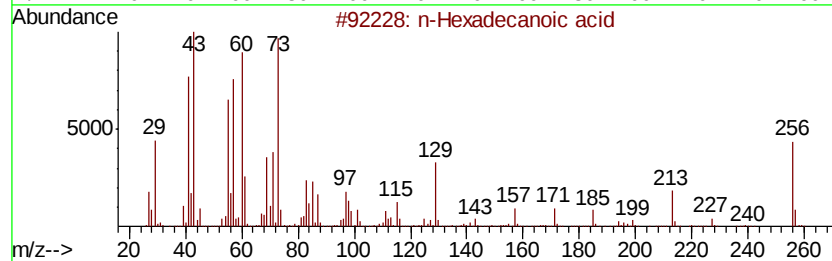
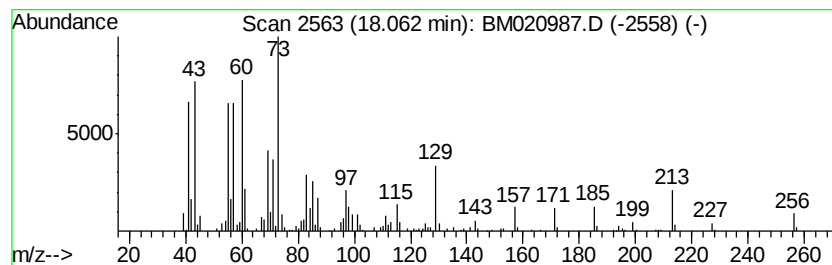
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.06 ng/ul	640173	Phenanthrene-d10	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80



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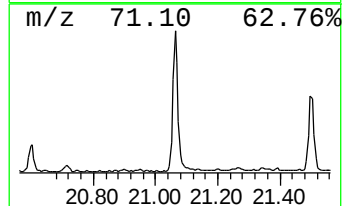
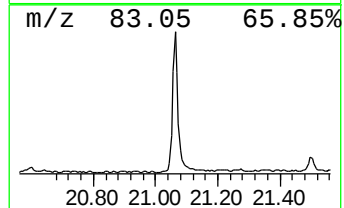
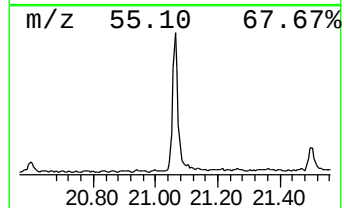
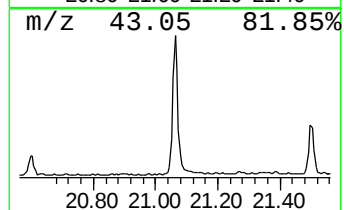
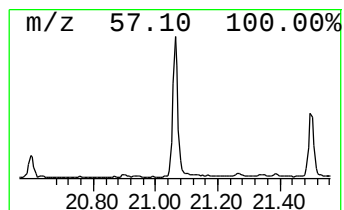
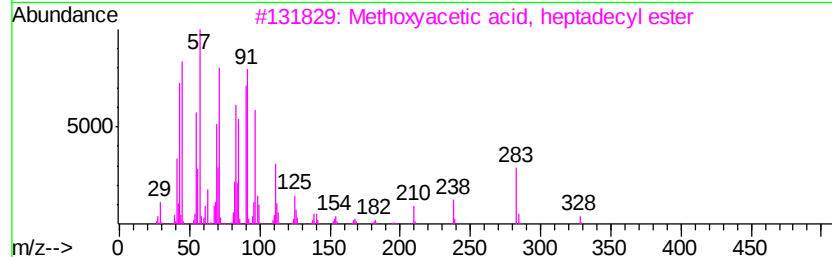
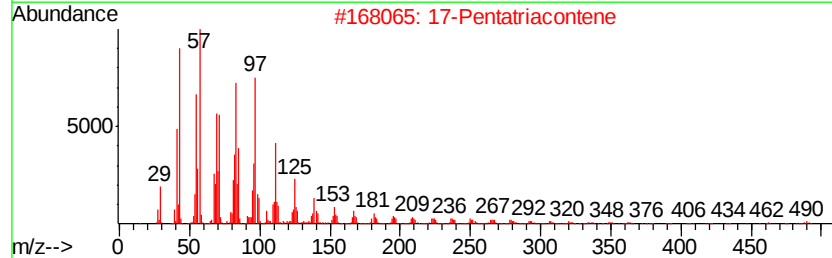
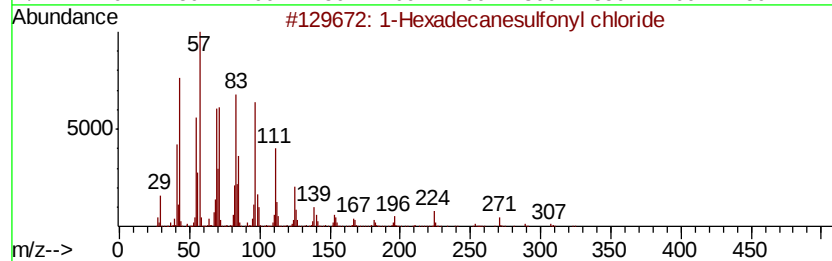
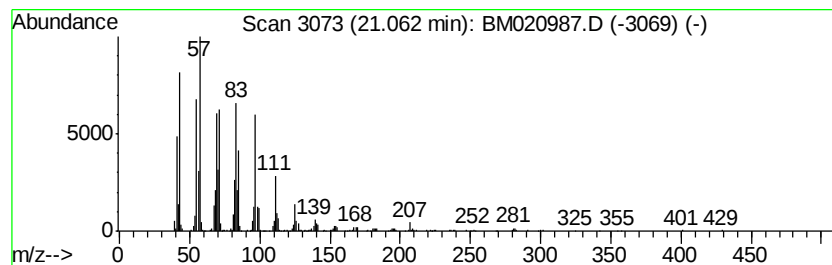
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Hexadecanesulfonyl chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	5.08 ng/ul	1059210	Chrysene-d12	21.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Hexadecanesulfonyl chloride	324 C16H33ClO2S	038775-38-1 91
2		17-Pentatriacontene	491 C35H70	006971-40-0 91
3		Methoxyacetic acid, heptadecyl e...	328 C20H40O3	1000282-99-1 91
4		17-Pentatriacontene	491 C35H70	006971-40-0 90
5		Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3 81



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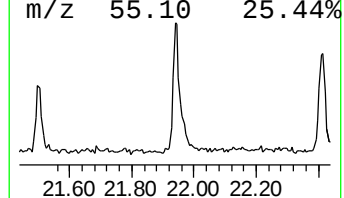
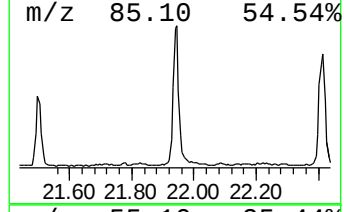
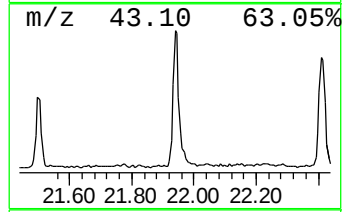
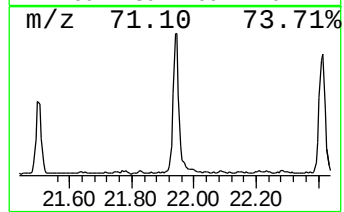
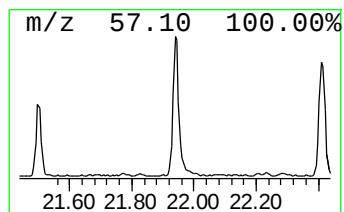
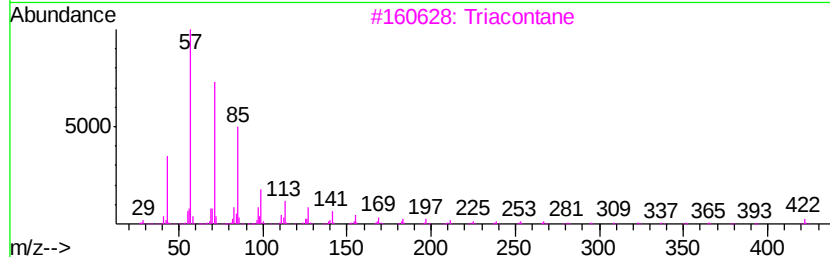
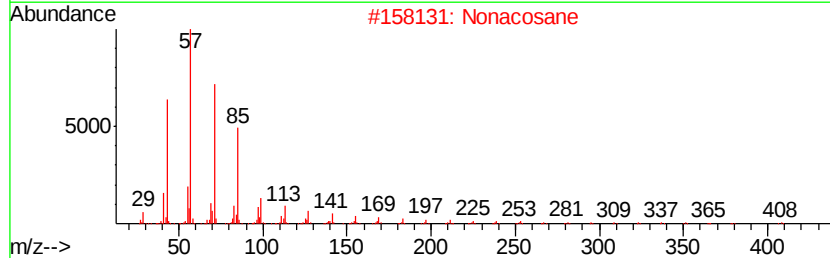
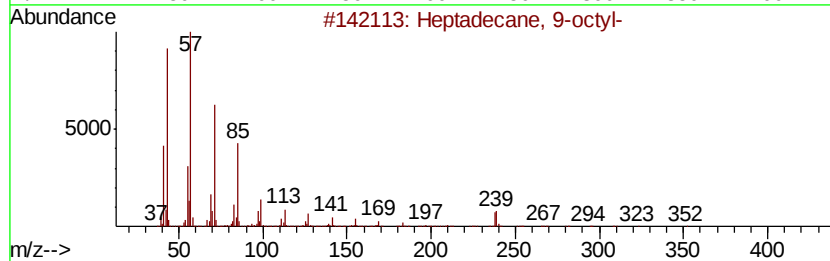
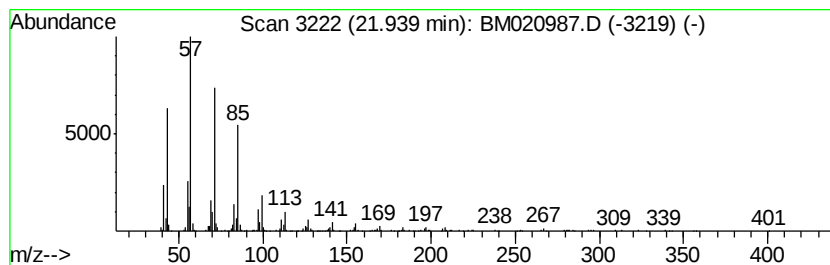
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	2.67 ng/ul	556761	Chrysene-d12	21.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Nonacosane	408	C29H60	000630-03-5	91
3		triacontane	422	C30H62	000638-68-6	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heneicosane	296	C21H44	000629-94-7	90



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ClientSampleId :
A41W5

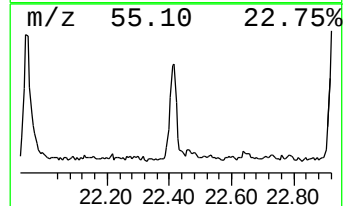
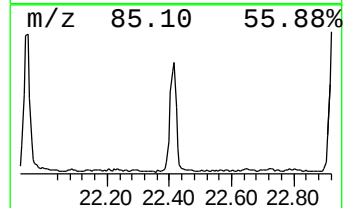
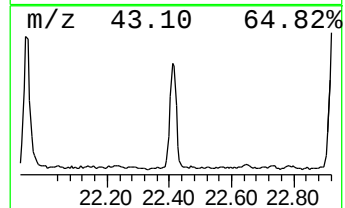
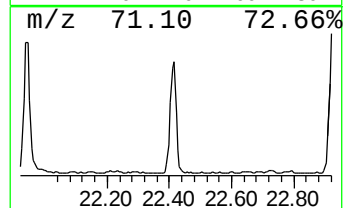
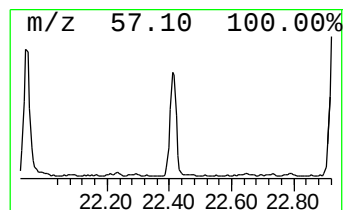
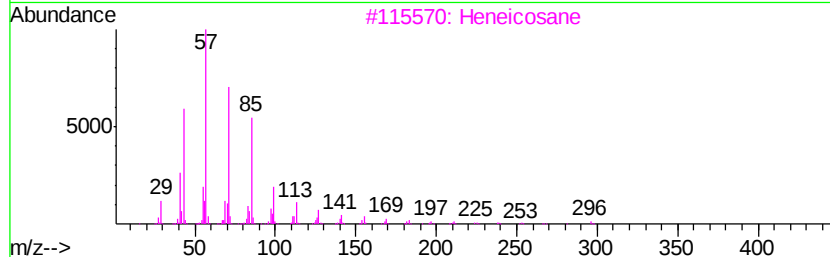
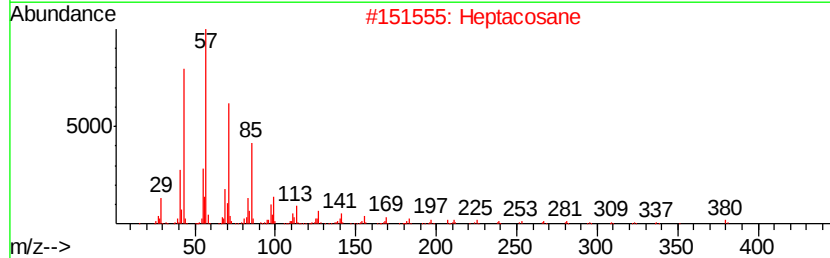
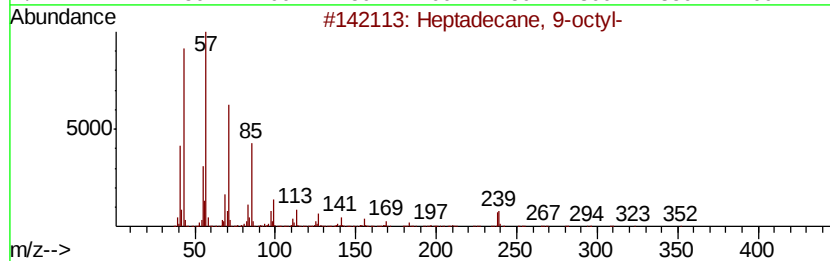
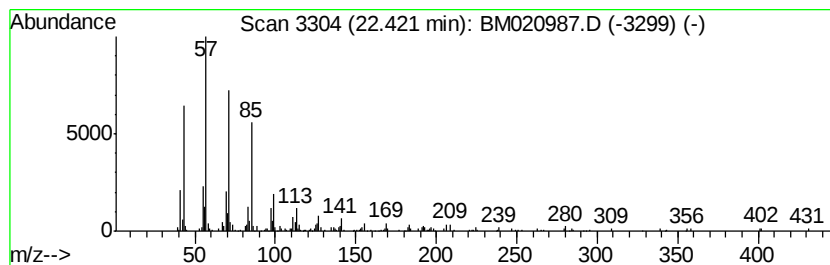
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.05 ng/ul	426225	Chrysene-d12	21.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020987.D
Acq On : 17 Jun 2019 20:00
Operator : HP/JU
Sample : K3332-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A41W5

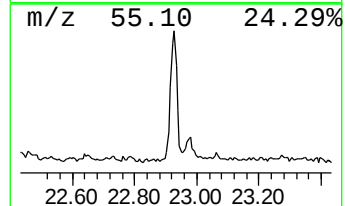
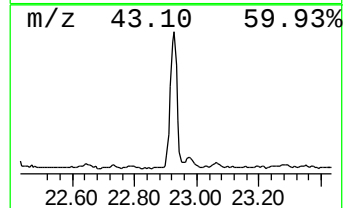
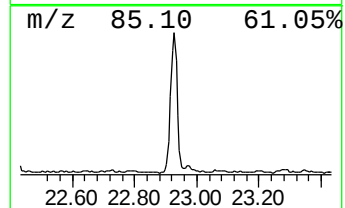
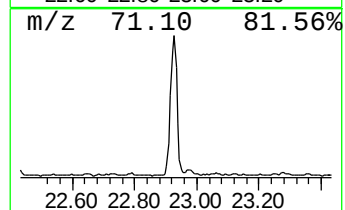
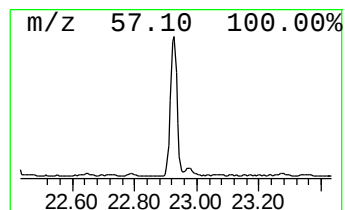
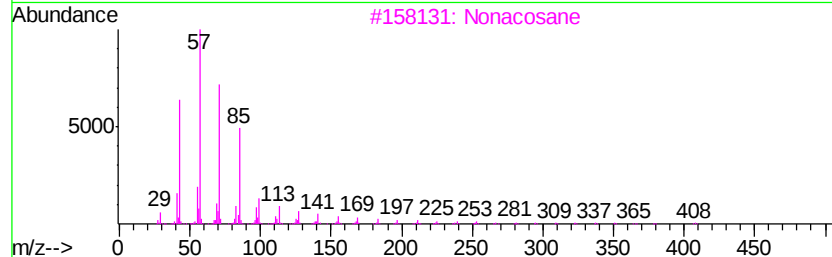
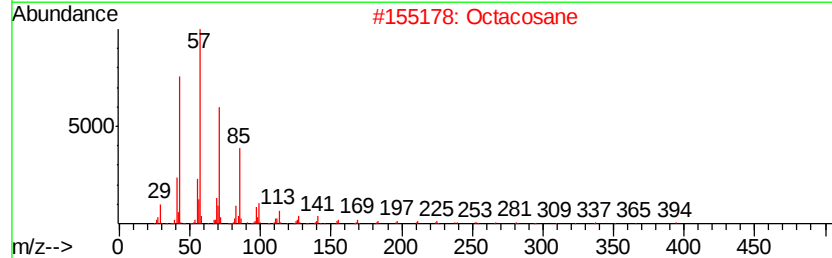
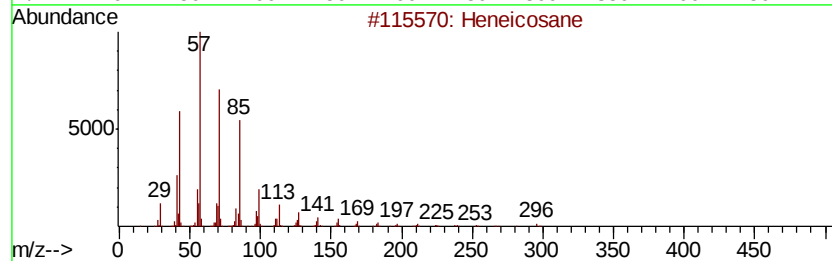
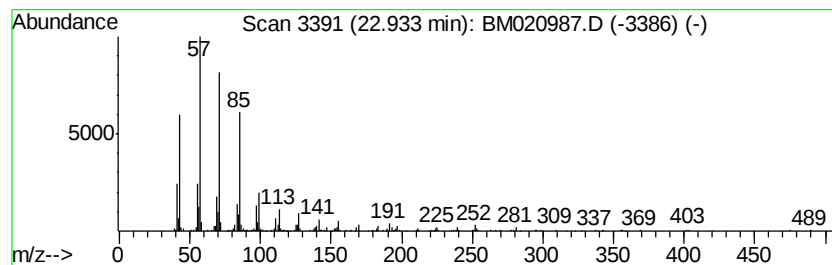
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	3.19 ng/ul	626103	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061719\
Data File : BM020987.D
Acq On : 17 Jun 2019 20:00
Operator : HP/JU
Sample : K3332-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A41W5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.03	31.1	ng/ul	2191380	1	7.79	1408250	20.0
n-Hexadecanoic acid	18.06	3.1	ng/ul	640173	4	17.18	4185640	20.0
1-Hexadecanesulfo...	21.06	5.1	ng/ul	1059210	5	21.36	4167480	20.0
(DEL) Alkane: Str...	21.94	2.7	ng/ul	556761	5	21.36	4167480	20.0
(DEL) Alkane: Str...	22.42	2.0	ng/ul	426225	5	21.36	4167480	20.0
(DEL) Alkane: Str...	22.93	3.2	ng/ul	626103	6	23.64	3920150	20.0