

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
 Data File : BM020836.D
 Acq On : 10 Jun 2019 15:08
 Operator : HP/JU
 Sample : K3049-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFHH4

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-BM060619MA.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	3.046	6	10	27	rVB	3553443	4339037	54.86%	5.932%
2	3.305	51	54	58	rVB2	48565	57610	0.73%	0.079%
3	3.934	157	161	169	rVB2	27741	42277	0.53%	0.058%
4	4.934	328	331	341	rVB6	16475	28586	0.36%	0.039%
5	6.969	671	677	688	rVB	377347	587884	7.43%	0.804%
6	7.145	700	707	721	rBV	938585	1508133	19.07%	2.062%
7	7.340	732	740	751	rBV	1180769	1823098	23.05%	2.493%
8	7.810	811	820	827	rBV	814763	1308761	16.55%	1.789%
9	7.869	827	830	835	rVB5	5961	8061	0.10%	0.011%
10	8.510	931	939	949	rBV	910845	1471023	18.60%	2.011%
11	8.634	956	960	964	rVB6	5559	10583	0.13%	0.014%
12	8.969	1009	1017	1026	rBV	1230117	2024846	25.60%	2.768%
13	9.357	1080	1083	1085	rBV4	6450	8744	0.11%	0.012%
14	9.686	1132	1139	1152	rBV	1043813	1733745	21.92%	2.370%
15	9.816	1157	1161	1168	rVB9	4709	10740	0.14%	0.015%
16	10.216	1221	1229	1238	rBV	1658963	2748928	34.76%	3.758%
17	10.598	1287	1294	1302	rBV	1123184	1863217	23.56%	2.547%
18	10.739	1313	1318	1324	rBV2	23648	45338	0.57%	0.062%
19	11.263	1402	1407	1413	rVB6	5297	12218	0.15%	0.017%
20	11.410	1427	1432	1440	rVB3	25123	47208	0.60%	0.065%
21	11.492	1441	1446	1450	rBV3	8749	17460	0.22%	0.024%
22	12.186	1558	1564	1571	rBV2	31008	53644	0.68%	0.073%
23	12.380	1592	1597	1603	rBV6	13831	25313	0.32%	0.035%
24	12.433	1603	1606	1609	rVV3	6597	9114	0.12%	0.012%
25	13.051	1706	1711	1714	rVB5	5305	9247	0.12%	0.013%
26	13.410	1768	1772	1776	rVV4	6925	10389	0.13%	0.014%
27	13.857	1842	1848	1853	rBV	3053114	4136020	52.30%	5.655%
28	13.904	1853	1856	1860	rVB	48321	71118	0.90%	0.097%
29	14.139	1889	1896	1906	rVV	3486159	5079947	64.23%	6.945%
30	14.445	1939	1948	1958	rBV2	1680370	2547116	32.21%	3.483%
31	14.645	1976	1982	1995	rVV	336756	523043	6.61%	0.715%
32	14.810	2004	2010	2013	rVB5	16317	26807	0.34%	0.037%
33	14.857	2013	2018	2022	rBV8	10073	17693	0.22%	0.024%
34	15.186	2072	2074	2080	rVB4	9111	11947	0.15%	0.016%

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35	15.245	2080	2084	2086	rBV	12321	17122	0.22%	0.023%
36	15.439	2111	2117	2123	rBV	4456027	6234103	78.82%	8.523%
37	15.480	2123	2124	2130	rVB5	56854	59462	0.75%	0.081%
38	15.557	2130	2137	2151	rBV	1128455	1636921	20.70%	2.238%
39	15.674	2154	2157	2162	rVV2	51175	71122	0.90%	0.097%
40	15.898	2191	2195	2199	rVB6	6035	10142	0.13%	0.014%
41	16.004	2211	2213	2216	rVB4	9705	11669	0.15%	0.016%
42	16.127	2230	2234	2240	rVB7	15177	30288	0.38%	0.041%
43	16.221	2246	2250	2255	rVB2	23866	33135	0.42%	0.045%
44	16.333	2265	2269	2275	rBV9	9452	15817	0.20%	0.022%
45	16.386	2275	2278	2280	rBV4	7210	10967	0.14%	0.015%
46	16.733	2333	2337	2340	rBV6	7714	12508	0.16%	0.017%
47	16.868	2357	2360	2364	rBV5	12975	17481	0.22%	0.024%
48	16.951	2371	2374	2377	rBV3	18491	21799	0.28%	0.030%
49	17.068	2389	2394	2398	rBV5	23375	40156	0.51%	0.055%
50	17.192	2409	2415	2420	rBV	2107258	2968359	37.53%	4.058%
51	17.292	2425	2432	2441	rBV	4139810	5863738	74.14%	8.017%
52	17.474	2460	2463	2466	rBV4	11105	17284	0.22%	0.024%
53	17.551	2472	2476	2480	rBV5	25607	37390	0.47%	0.051%
54	17.715	2502	2504	2508	rBV5	8477	10066	0.13%	0.014%
55	18.080	2561	2566	2576	rBV	301007	479279	6.06%	0.655%
56	18.415	2619	2623	2629	rBV2	105219	167810	2.12%	0.229%
57	18.574	2645	2650	2655	rBV	103419	151959	1.92%	0.208%
58	19.215	2755	2759	2762	rBV2	102297	137730	1.74%	0.188%
59	19.356	2779	2783	2792	rBV	221835	337838	4.27%	0.462%
60	19.468	2799	2802	2807	rVB	48964	59429	0.75%	0.081%
61	19.586	2815	2822	2830	rBV	5171513	7291309	92.19%	9.969%
62	19.715	2841	2844	2850	rVB	113921	127620	1.61%	0.174%
63	21.074	3072	3075	3082	rBV2	130871	159538	2.02%	0.218%
64	21.368	3120	3125	3131	rBV	2486034	3097946	39.17%	4.236%
65	22.427	3302	3305	3314	rVB2	252954	332404	4.20%	0.454%
66	22.944	3390	3393	3398	rVB	298019	394306	4.99%	0.539%
67	23.509	3482	3489	3505	rVB2	3929626	7908819	100.00%	10.813%
68	23.650	3507	3513	3521	rVB	1666576	3155953	39.90%	4.315%

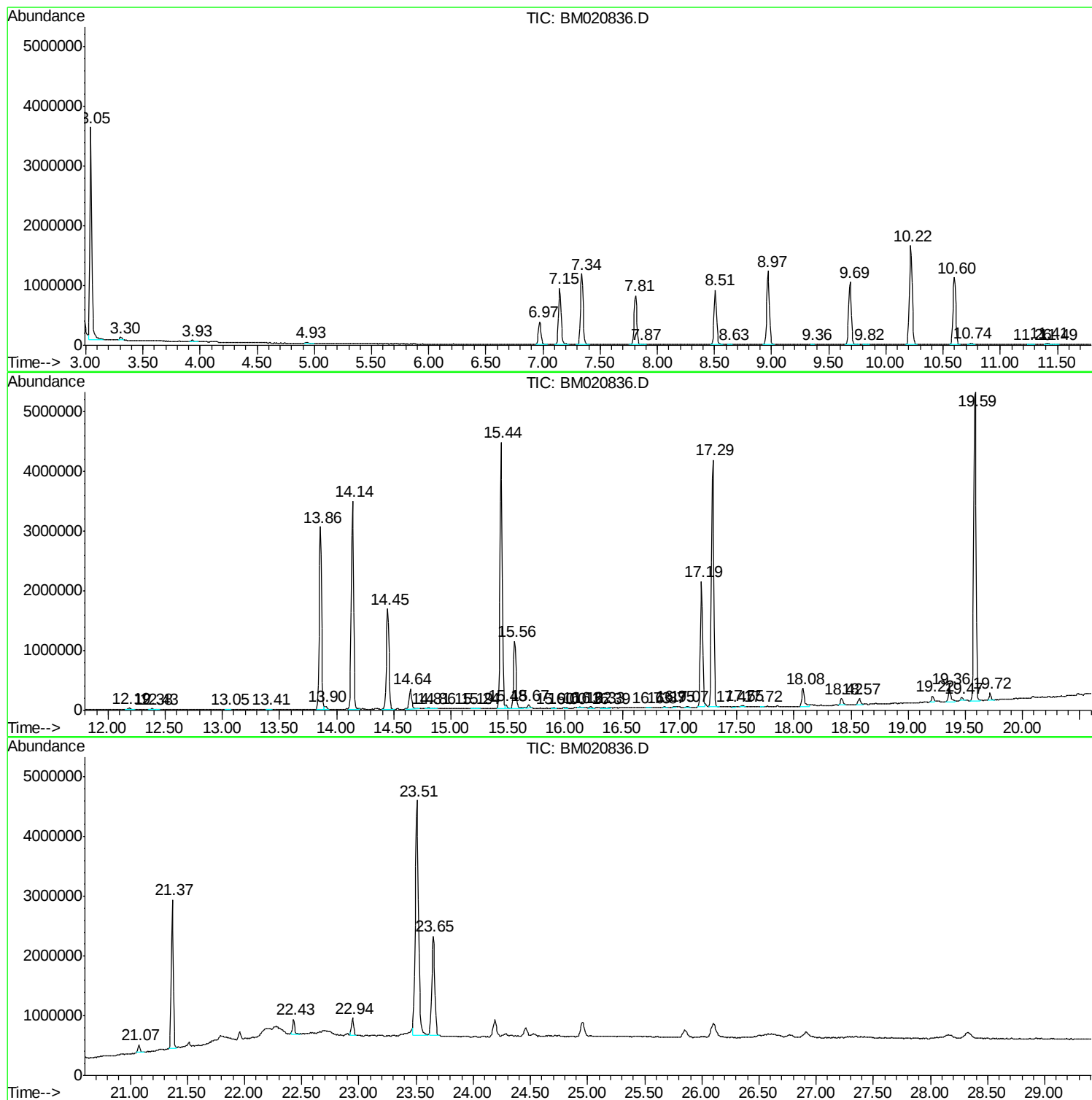
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



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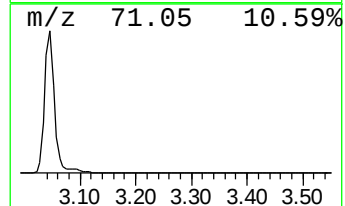
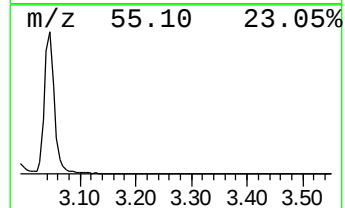
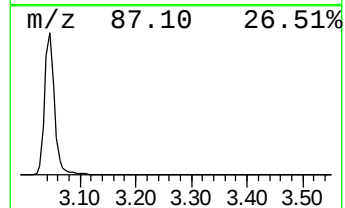
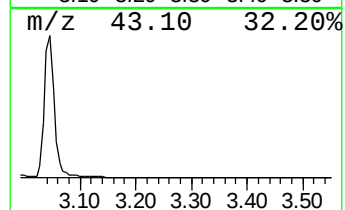
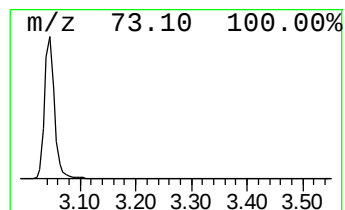
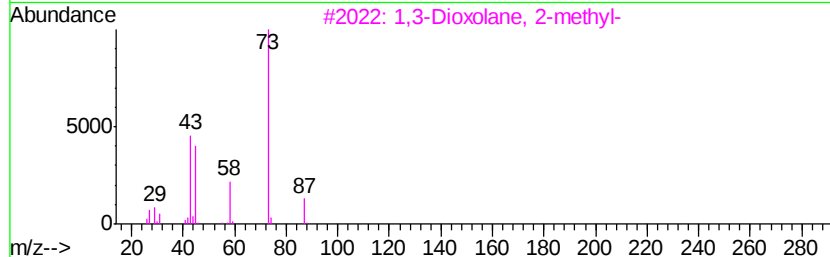
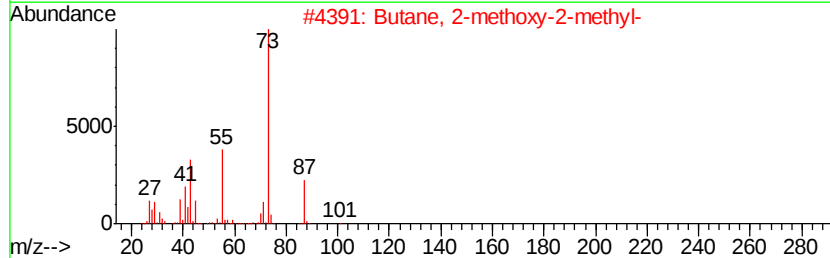
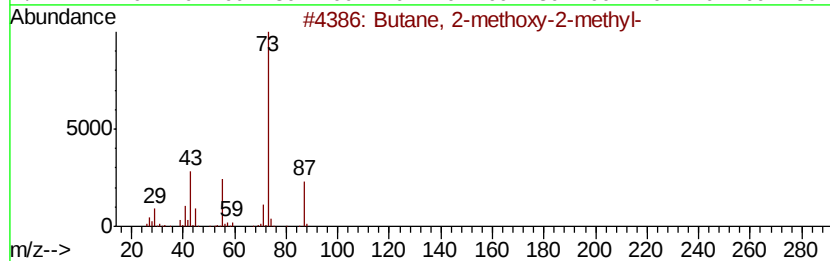
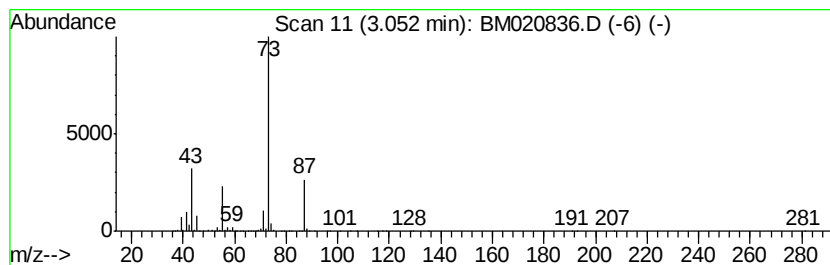
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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.
3.05	66.31 ng/ul	4339040	1,4-Dichlorobenzene-d4	7.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78	
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74	
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25	
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23	
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17	



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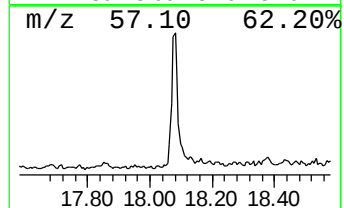
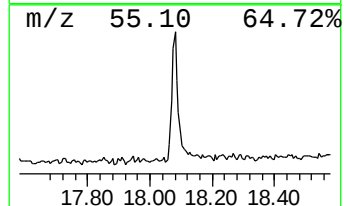
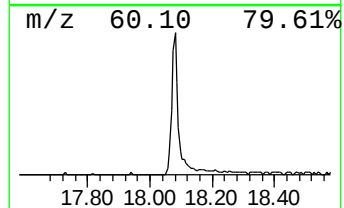
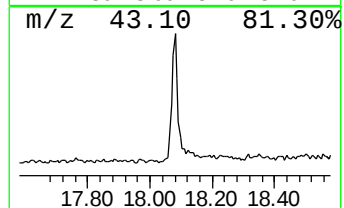
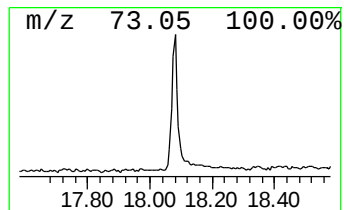
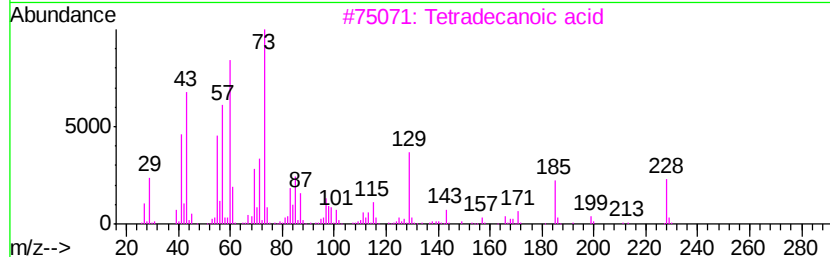
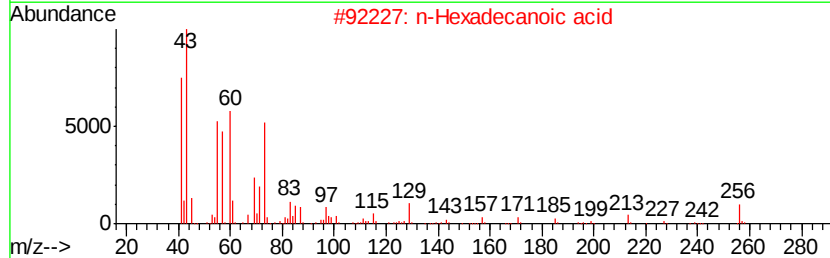
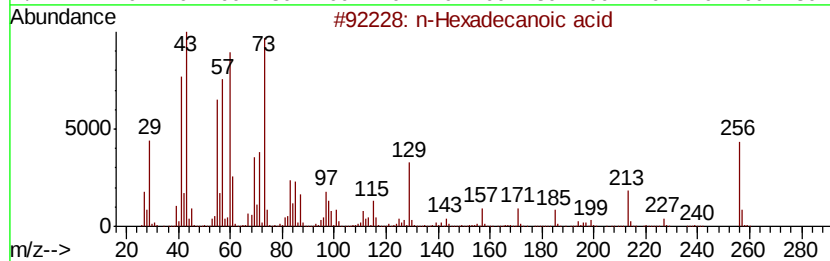
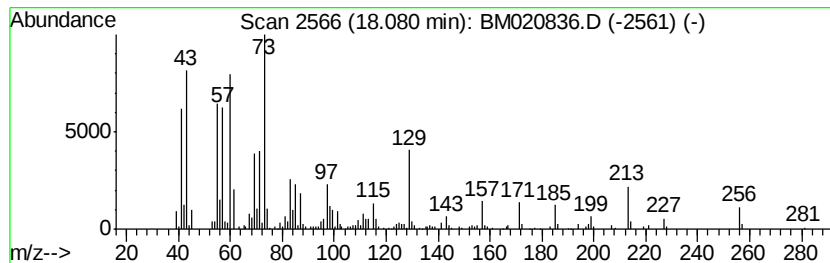
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.08	3.23 ng/ul	479279	Phenanthrene-d10	17.19		
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	98	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86	



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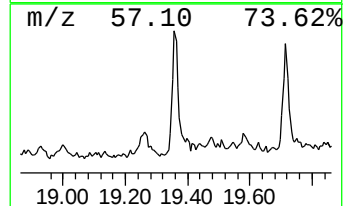
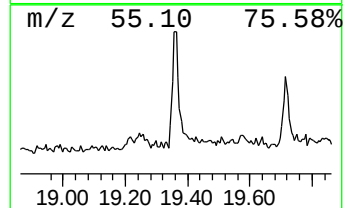
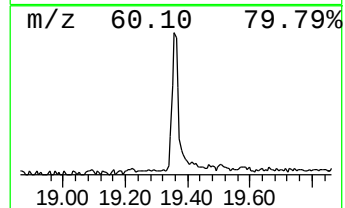
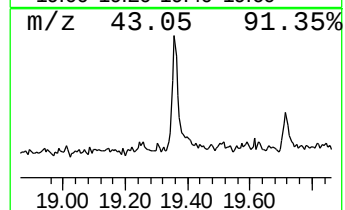
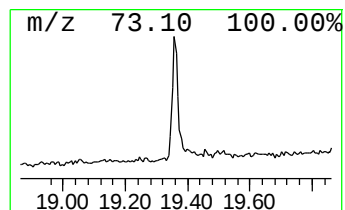
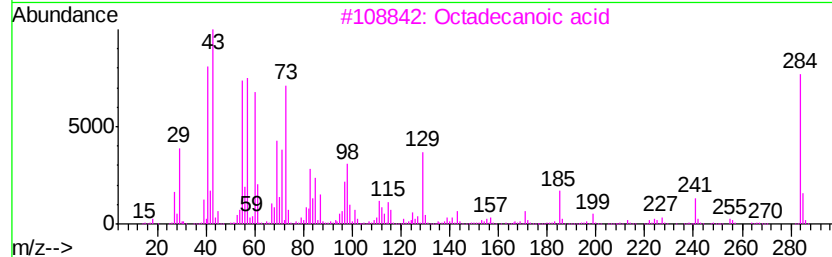
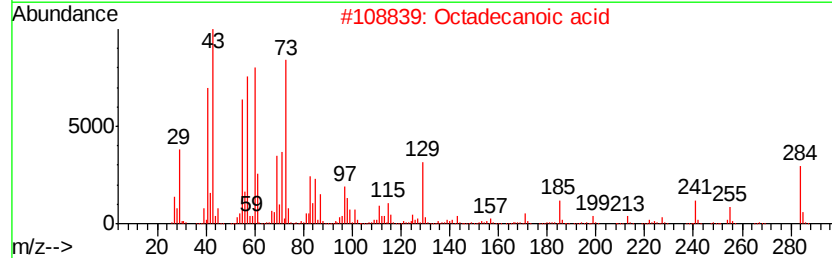
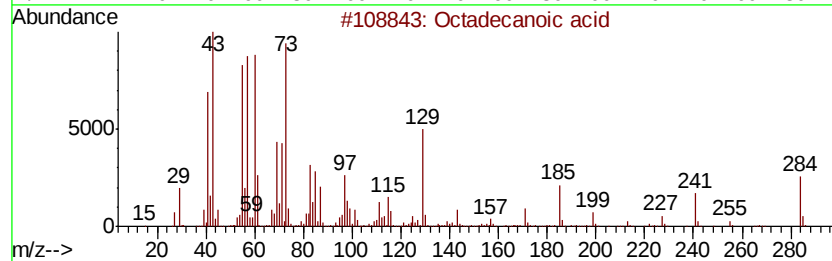
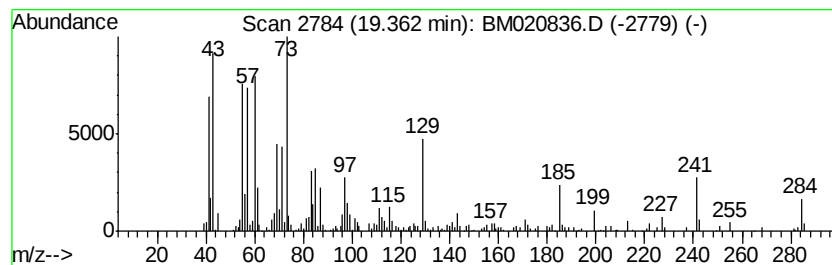
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.36	2.18 ng/ul	337838	Chrysene-d12		21.37	
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	95
3	Octadecanoic acid		284	C18H36O2	000057-11-4	92
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	72
5	Octadecanoic acid		284	C18H36O2	000057-11-4	62



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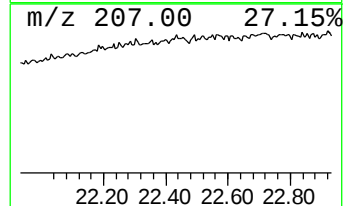
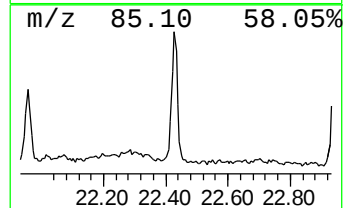
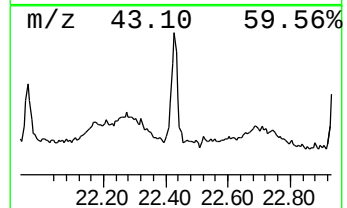
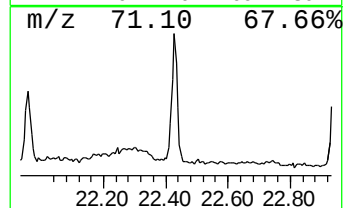
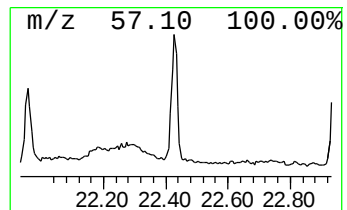
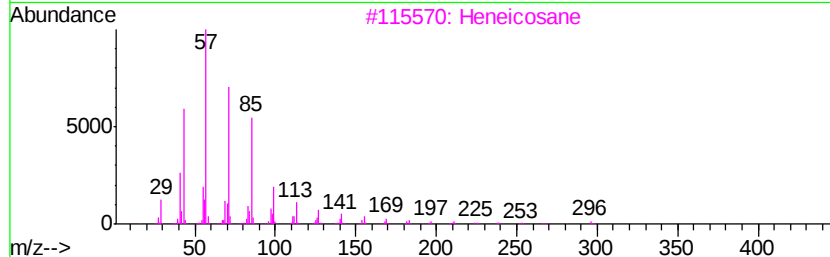
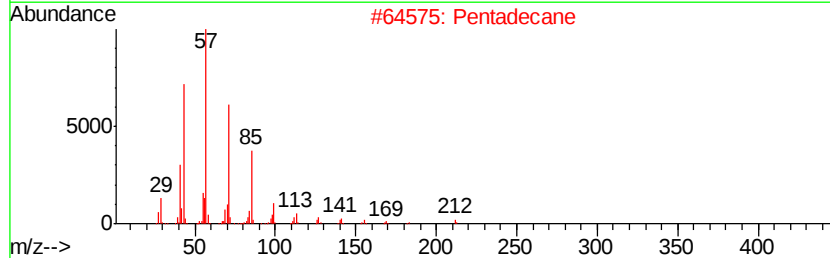
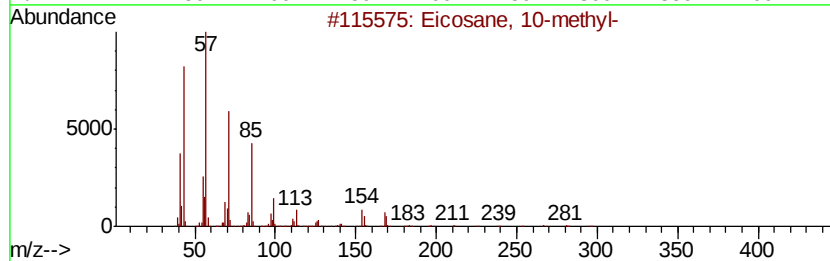
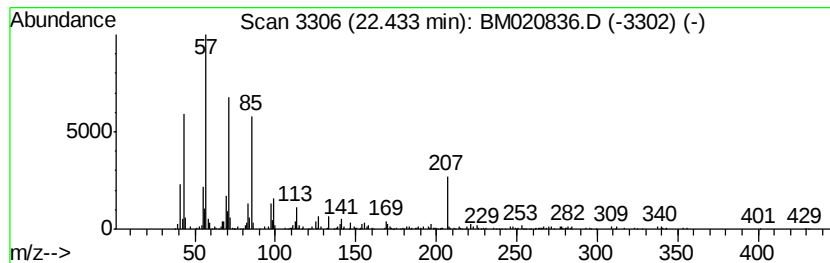
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	2.15 ng/ul	332404	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		Pentadecane	212	C15H32	000629-62-9	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane	282	C20H42	000112-95-8	89
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87



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ClientSampleId :
BFHH4

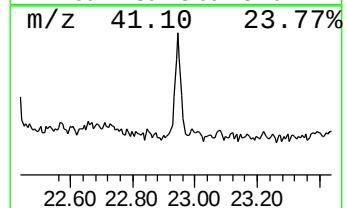
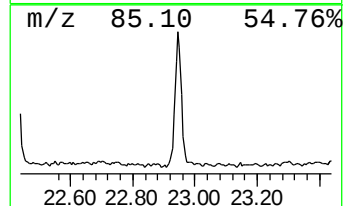
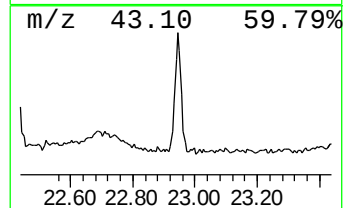
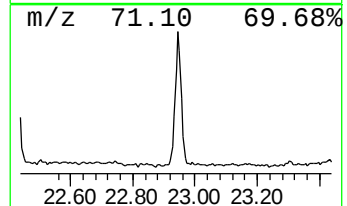
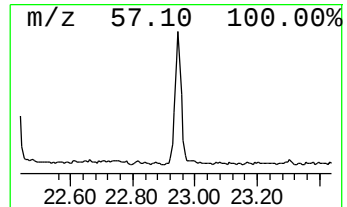
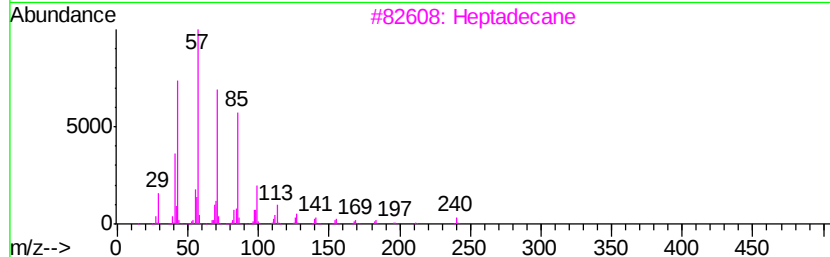
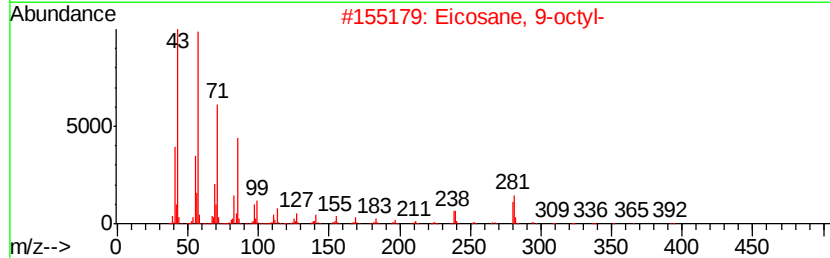
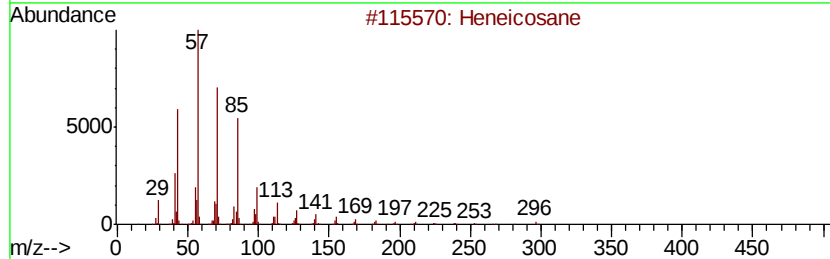
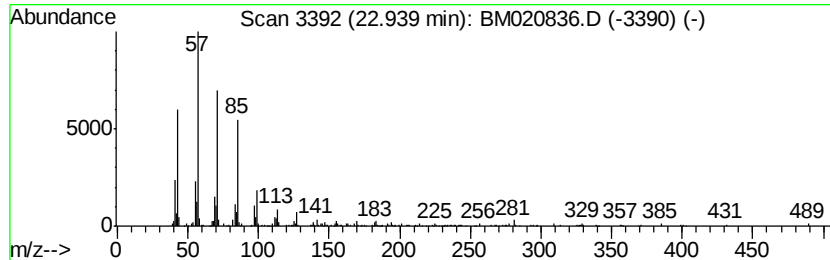
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	2.50 ng/ul	394306	Perylene-d12	23.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061019\
Data File : BM020836.D
Acq On : 10 Jun 2019 15:08
Operator : HP/JU
Sample : K3049-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFHH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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...	3.05	66.3	ng/ul	4339040	1	7.81	1308760	20.0
n-Hexadecanoic acid	18.08	3.2	ng/ul	479279	4	17.19	2968360	20.0
Octadecanoic acid	19.36	2.2	ng/ul	337838	5	21.37	3097950	20.0
(DEL) Alkane: Str...	22.43	2.1	ng/ul	332404	5	21.37	3097950	20.0
(DEL) Alkane: Str...	22.94	2.5	ng/ul	394306	6	23.65	3155950	20.0