

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
 Data File : BM010640.D
 Acq On : 22 Jun 2017 01:27
 Operator : SJ/JU
 Sample : I3625-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C79

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-BM062017.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	6.646	634	639	650	rVB	200939	324424	19.09%	1.508%
2	6.816	662	668	676	rBB	140525	208984	12.30%	0.971%
3	6.999	694	699	706	rBB	201982	307421	18.09%	1.429%
4	7.463	772	778	785	rBV	279309	416179	24.49%	1.935%
5	8.169	892	898	906	rBB	272508	417119	24.54%	1.939%
6	8.604	967	972	979	rVB	203589	320399	18.85%	1.489%
7	9.322	1087	1094	1102	rBB	192622	304764	17.93%	1.417%
8	9.851	1177	1184	1191	rBB	303723	479258	28.20%	2.228%
9	10.228	1240	1248	1252	rBV	396381	635689	37.40%	2.955%
10	10.275	1252	1256	1265	rVB	169523	266494	15.68%	1.239%
11	10.369	1265	1272	1282	rBB	194186	331411	19.50%	1.541%
12	11.898	1527	1532	1538	rBV	43562	66262	3.90%	0.308%
13	12.122	1564	1570	1576	rBB2	20704	30948	1.82%	0.144%
14	13.533	1804	1810	1815	rBV	667799	885512	52.10%	4.116%
15	13.580	1815	1818	1823	rVB	212931	269551	15.86%	1.253%
16	13.798	1849	1855	1863	rBV	619981	920890	54.18%	4.281%
17	14.116	1902	1909	1915	rBV2	662918	976240	57.44%	4.538%
18	14.180	1915	1920	1924	rVB2	34590	50559	2.97%	0.235%
19	14.322	1939	1944	1950	rBV	303614	405408	23.85%	1.885%
20	14.516	1971	1977	1982	rBV	47203	64227	3.78%	0.299%
21	15.004	2055	2060	2063	rVB	18092	20808	1.22%	0.097%
22	15.116	2073	2079	2085	rBV	873460	1201223	70.68%	5.584%
23	15.169	2085	2088	2094	rVB2	26216	34949	2.06%	0.162%
24	15.239	2094	2100	2106	rBV	287198	381648	22.46%	1.774%
25	15.845	2195	2203	2205	rBV4	19641	35797	2.11%	0.166%
26	15.869	2205	2207	2211	rVB2	16594	18340	1.08%	0.085%
27	16.063	2237	2240	2246	rVB3	33185	46926	2.76%	0.218%
28	16.145	2246	2254	2258	rBV3	16723	23115	1.36%	0.107%
29	16.351	2285	2289	2294	rBV2	19995	27433	1.61%	0.128%
30	16.480	2307	2311	2315	rVB	14280	18287	1.08%	0.085%
31	16.657	2337	2341	2348	rBV5	36967	57541	3.39%	0.267%
32	16.869	2368	2377	2382	rBV	993237	1344365	79.10%	6.249%
33	16.910	2382	2384	2388	rVV2	75505	91410	5.38%	0.425%
34	16.968	2388	2394	2401	rVB	1034925	1450148	85.32%	6.741%

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35	17.180	2426	2430	2437	rBV	32669	49482	2.91%	0.230%
36	17.274	2442	2446	2454	rVB2	43709	64179	3.78%	0.298%
37	17.368	2458	2462	2469	rVV2	26154	40736	2.40%	0.189%
38	17.433	2469	2473	2478	rVB2	32482	39365	2.32%	0.183%
39	17.792	2529	2534	2543	rBV	198249	269972	15.88%	1.255%
40	17.863	2543	2546	2553	rVB2	26156	35778	2.11%	0.166%
41	18.757	2692	2698	2708	rVB7	11980	20213	1.19%	0.094%
42	18.939	2725	2729	2731	rBV4	20266	22915	1.35%	0.107%
43	19.092	2750	2755	2762	rBV	186217	244033	14.36%	1.134%
44	19.245	2776	2781	2783	rBV	432775	521378	30.68%	2.424%
45	19.274	2783	2786	2792	rVB	1215340	1613111	94.91%	7.499%
46	19.751	2864	2867	2873	rVB2	21232	31602	1.86%	0.147%
47	20.098	2923	2926	2930	rBV4	12923	17048	1.00%	0.079%
48	20.298	2956	2960	2966	rVB	275215	300174	17.66%	1.395%
49	20.821	3045	3049	3054	rVB	148684	167955	9.88%	0.781%
50	21.080	3088	3093	3100	rBV	1393691	1699573	100.00%	7.901%
51	21.268	3123	3125	3129	rVB5	20518	17936	1.06%	0.083%
52	21.692	3194	3197	3203	rBV7	25961	40816	2.40%	0.190%
53	22.133	3268	3272	3275	rVB4	35782	45797	2.69%	0.213%
54	22.609	3350	3353	3359	rVB2	59212	78287	4.61%	0.364%
55	23.092	3428	3435	3441	rVV	940948	1597514	94.00%	7.426%
56	23.150	3441	3445	3450	rVB3	81158	122202	7.19%	0.568%
57	23.221	3451	3457	3465	rVB	792842	1421262	83.62%	6.607%
58	23.762	3543	3549	3555	rVB3	79024	153457	9.03%	0.713%
59	23.833	3557	3561	3567	rVB8	30996	55764	3.28%	0.259%
60	24.456	3661	3667	3674	rVB5	84721	182639	10.75%	0.849%
61	25.274	3801	3806	3813	rVB6	62042	137323	8.08%	0.638%
62	26.233	3964	3969	3974	rVB9	38186	87978	5.18%	0.409%

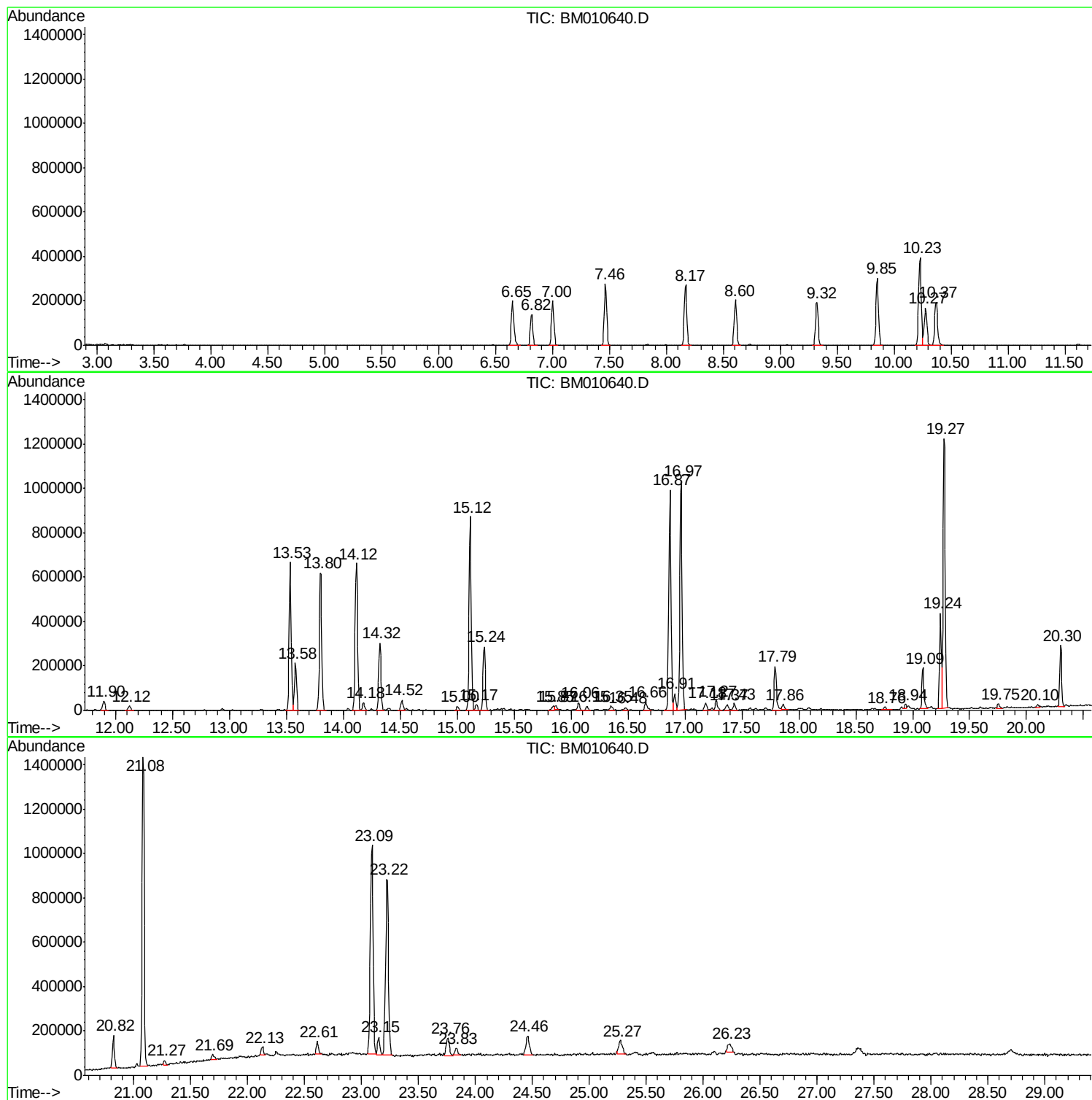
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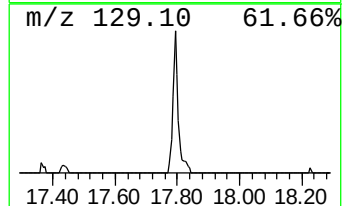
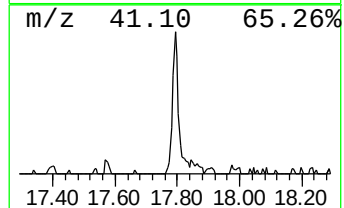
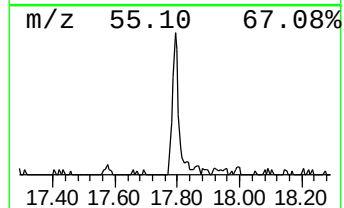
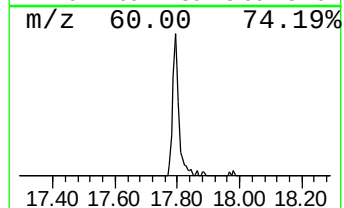
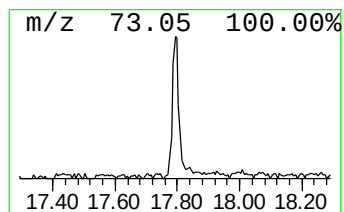
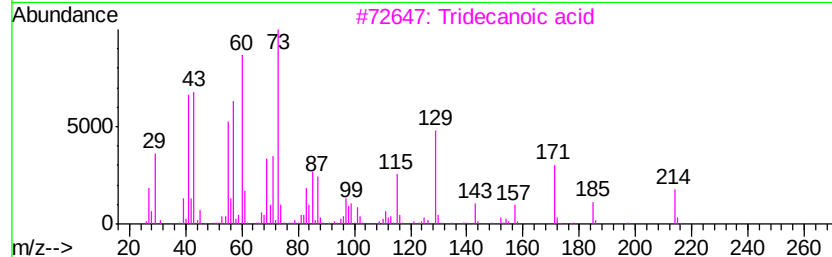
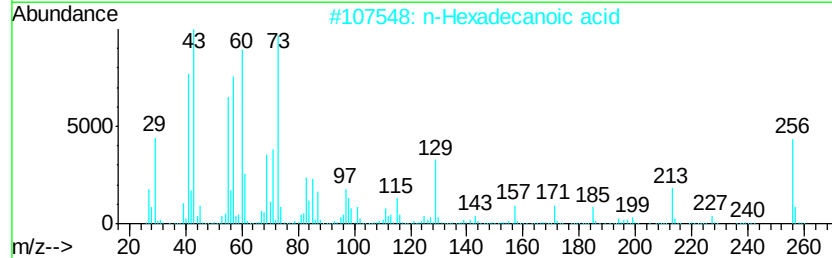
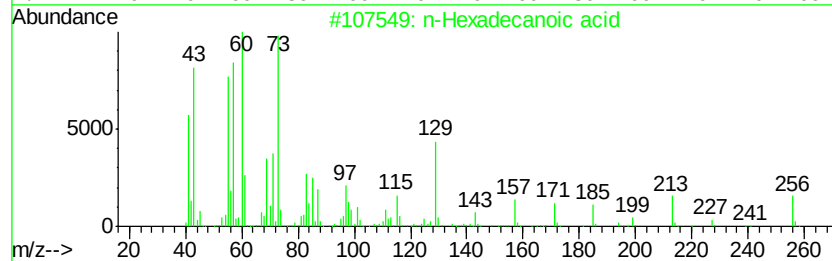
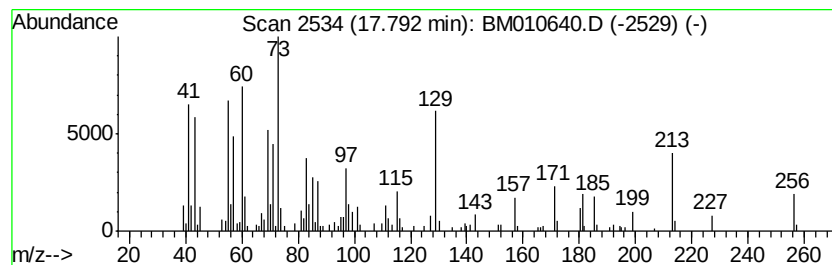
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.79	4.02 ng/ul	269972	Phenanthrene-d10	16.87		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64	
4	Undecanoic acid	186	C11H22O2	000112-37-8	55	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49	



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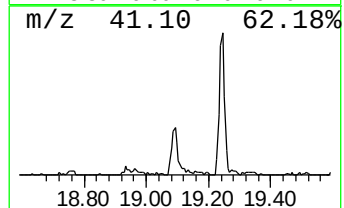
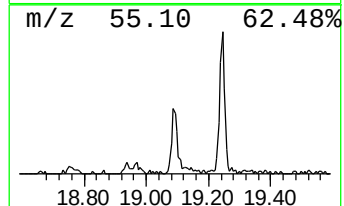
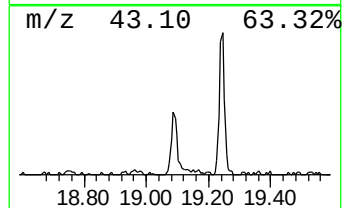
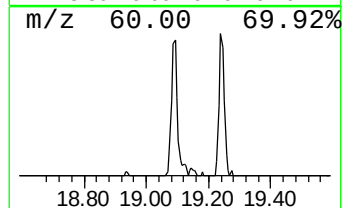
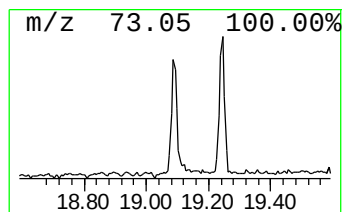
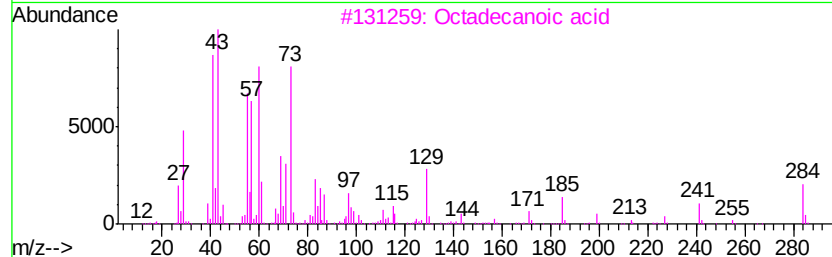
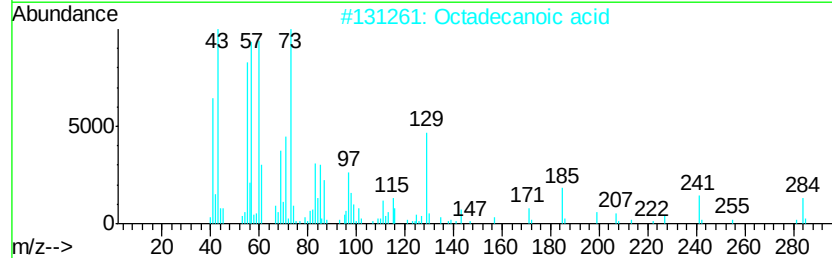
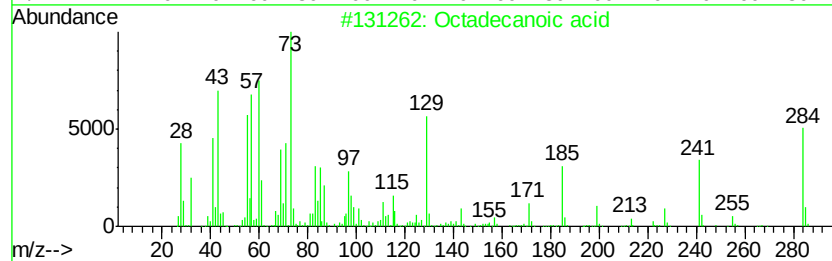
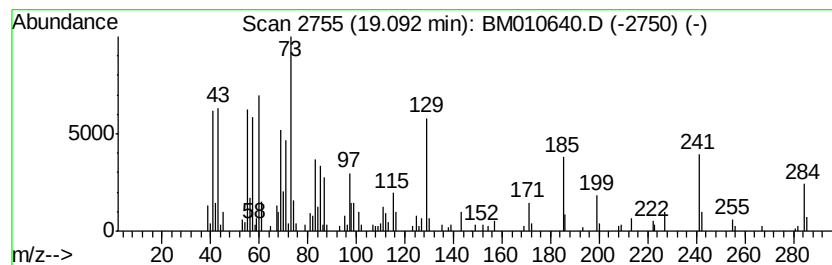
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.09	2.87 ng/ul	244033	Chrysene-d12		21.08	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	94
2	Octadecanoic acid		284	C18H36O2	000057-11-4	93
3	Octadecanoic acid		284	C18H36O2	000057-11-4	93
4	Octadecanoic acid		284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	86



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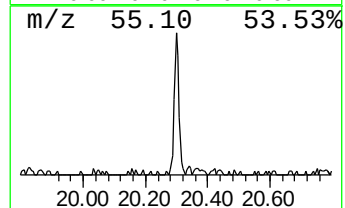
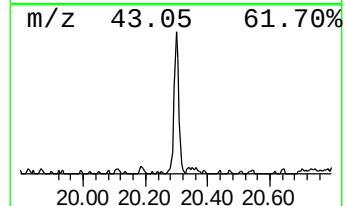
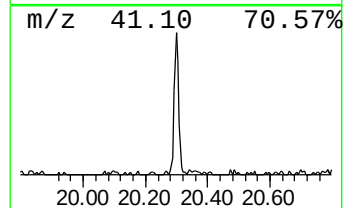
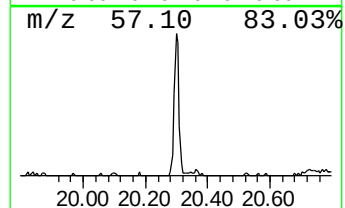
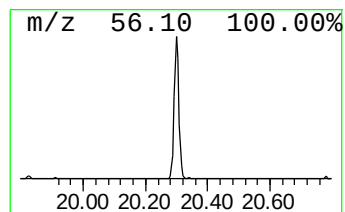
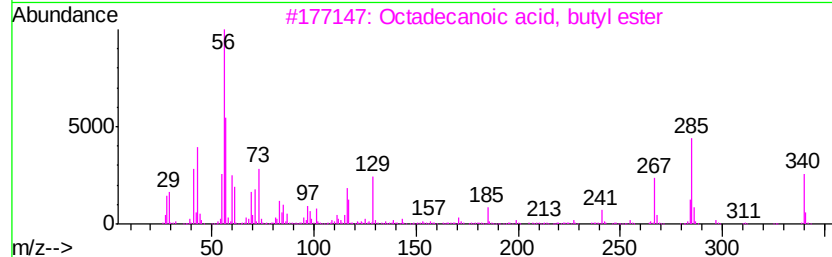
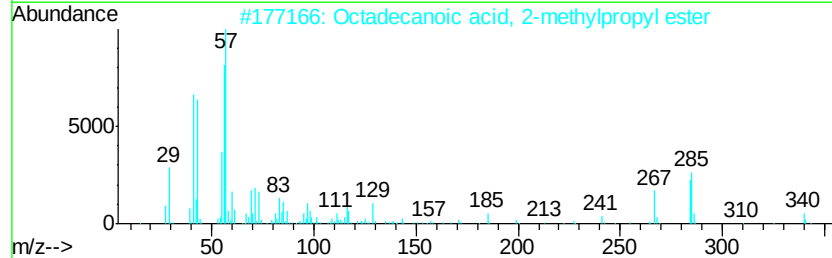
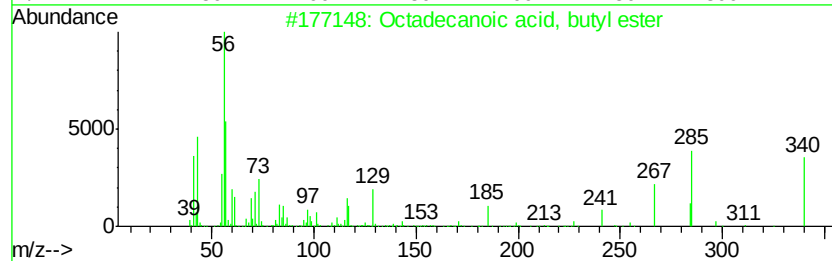
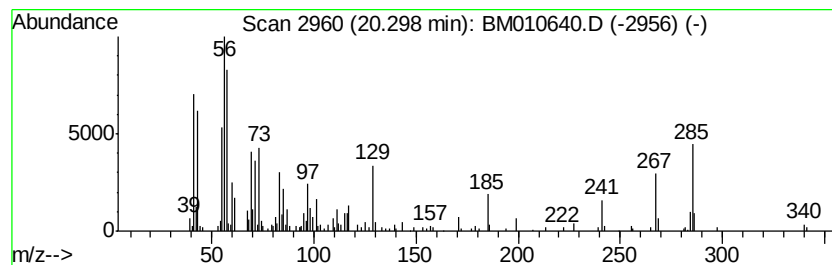
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Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	3.53 ng/ul	300174	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	72
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	64
4		Butyl myristate	284	C18H36O2	000110-36-1	38
5		1-(Allylamino)butane-1,3-dione	141	C7H11NO2	041153-95-1	27



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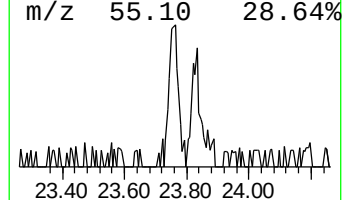
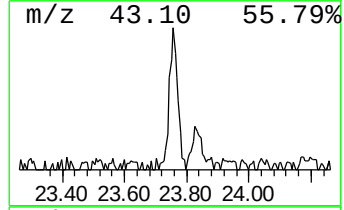
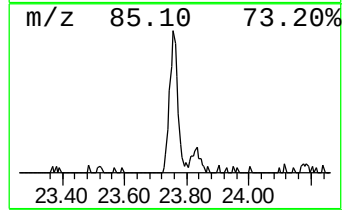
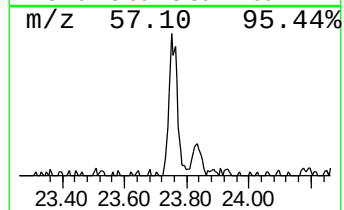
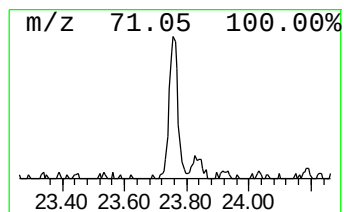
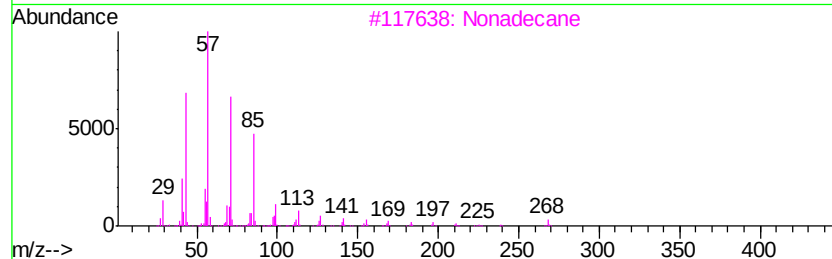
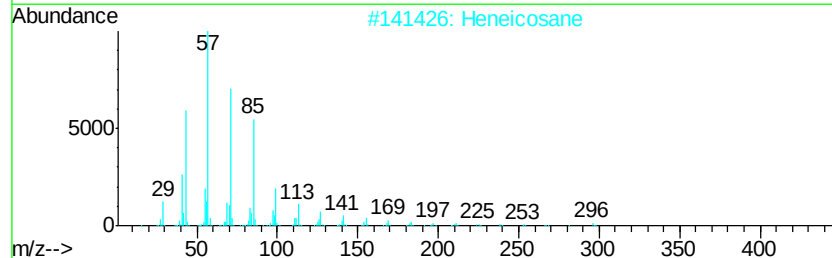
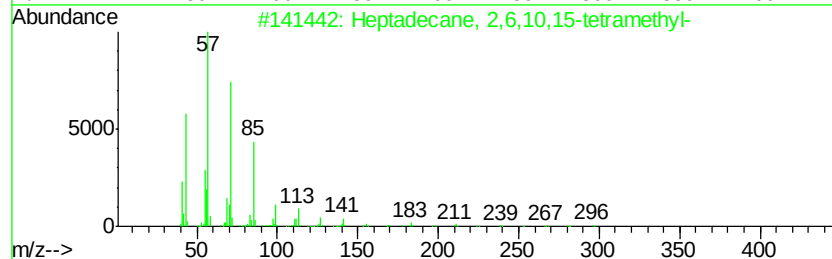
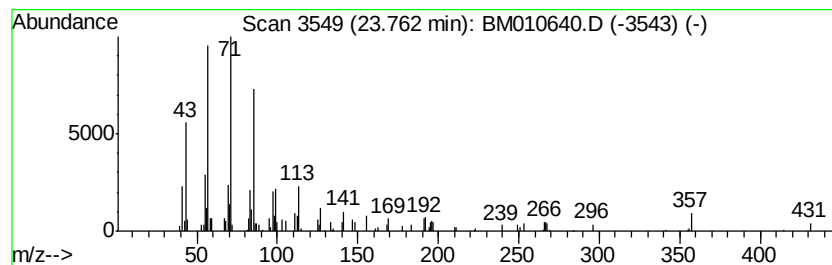
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.16 ng/ul	153457	Perylene-d12	23.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Nonadecane	268	C19H40	000629-92-5	90
4		Hentriacontane	437	C31H64	000630-04-6	81
5		2-methyloctacosane	408	C29H60	1000376-72-8	74



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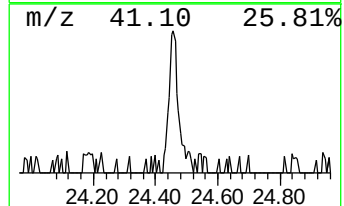
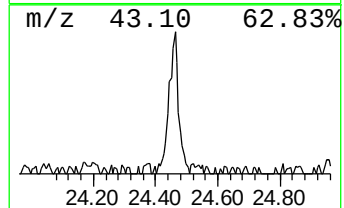
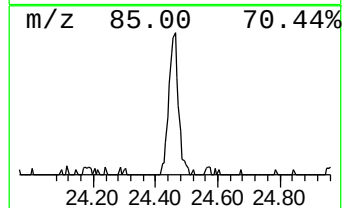
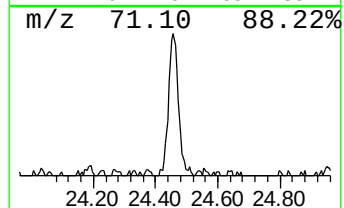
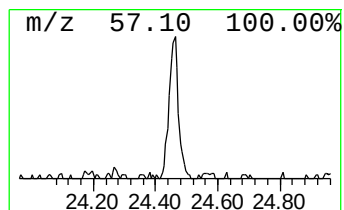
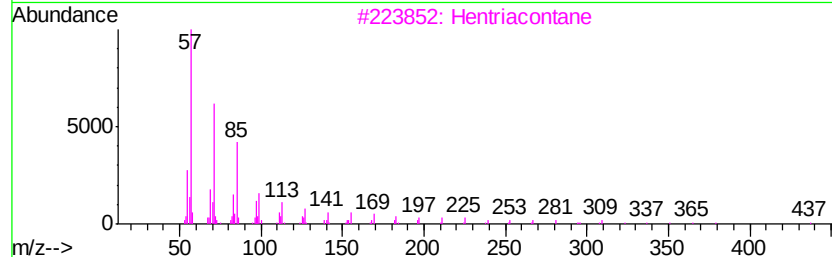
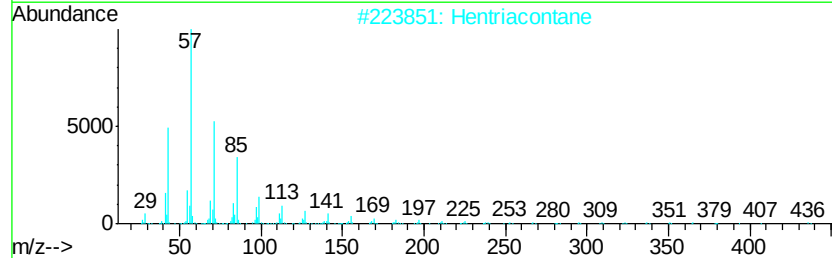
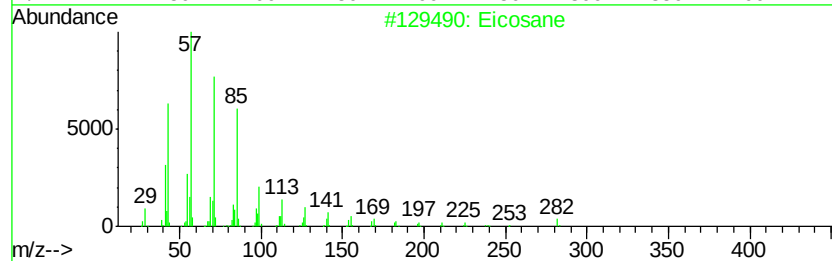
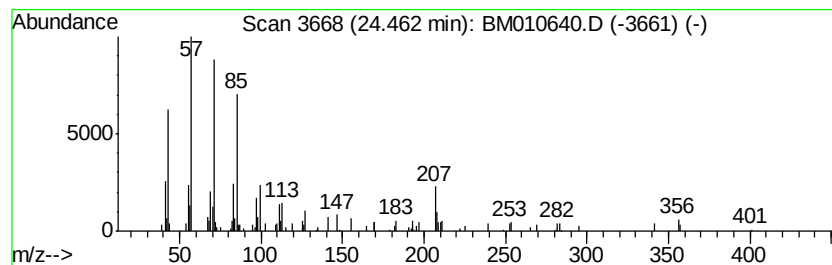
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	2.57 ng/ul	182639	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	89
2		Hentriacontane	437	C31H64	000630-04-6	83
3		Hentriacontane	437	C31H64	000630-04-6	83
4		Pentacosane	352	C25H52	000629-99-2	83
5		Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010640.D
Acq On : 22 Jun 2017 01:27
Operator : SJ/JU
Sample : I3625-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C79

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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	17.79	4.0	ng/ul	269972	4	16.87	1344370	20.0
Octadecanoic acid	19.09	2.9	ng/ul	244033	5	21.08	1699570	20.0
Octadecanoic acid...	20.30	3.5	ng/ul	300174	5	21.08	1699570	20.0
(DEL) Alkane: Str...	23.76	2.2	ng/ul	153457	6	23.22	1421260	20.0
(DEL) Alkane: Str...	24.46	2.6	ng/ul	182639	6	23.22	1421260	20.0