

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM023028.D
 Acq On : 06 Oct 2019 15:27
 Operator : JU
 Sample : K5057-22
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAL1

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-BM092719MA.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	3.257	42	46	66	rVB	95029	165455	1.09%	0.120%
2	3.557	94	97	108	rBV	22700	51970	0.34%	0.038%
3	3.993	167	171	178	rVB	12921	17937	0.12%	0.013%
4	5.910	494	497	506	rBV	7930	16132	0.11%	0.012%
5	6.457	585	590	601	rBV2	14459	26844	0.18%	0.019%
6	6.951	667	674	692	rBV	2040273	3510839	23.18%	2.545%
7	7.116	692	702	719	rBV	1635970	2601555	17.17%	1.886%
8	7.316	729	736	747	rBV	2101077	3346355	22.09%	2.426%
9	7.781	809	815	823	rBV	932264	1464925	9.67%	1.062%
10	7.857	823	828	837	rVB	13504	22978	0.15%	0.017%
11	8.492	928	936	949	rBV	2757806	4520532	29.84%	3.277%
12	8.939	1004	1012	1024	rBV	2148469	3495830	23.08%	2.535%
13	9.375	1082	1086	1093	rVB	17176	25313	0.17%	0.018%
14	9.657	1126	1134	1145	rBV	1855511	3018269	19.93%	2.188%
15	10.192	1218	1225	1241	rBV	2970216	4959001	32.74%	3.595%
16	10.375	1249	1256	1267	rBV3	13493	32587	0.22%	0.024%
17	10.575	1282	1290	1298	rVB	1365778	2287482	15.10%	1.658%
18	10.710	1304	1313	1335	rBV	2962121	5102838	33.69%	3.700%
19	11.316	1411	1416	1421	rBV3	12210	23128	0.15%	0.017%
20	12.163	1555	1560	1566	rVB2	49754	76994	0.51%	0.056%
21	13.321	1751	1757	1765	rVV2	30951	49001	0.32%	0.036%
22	13.398	1765	1770	1778	rVB3	21362	36128	0.24%	0.026%
23	13.604	1799	1805	1813	rBV	254125	387506	2.56%	0.281%
24	13.833	1837	1844	1848	rBV	5618987	8098478	53.46%	5.872%
25	13.880	1848	1852	1860	rVB	2690059	3506992	23.15%	2.543%
26	14.116	1881	1892	1901	rBV	6586487	9770177	64.50%	7.084%
27	14.327	1923	1928	1933	rVB	11421	15713	0.10%	0.011%
28	14.421	1937	1944	1953	rVB	2228120	3278045	21.64%	2.377%
29	14.621	1970	1978	1999	rBV	2319757	3546088	23.41%	2.571%
30	14.833	2009	2014	2017	rBV3	32468	54420	0.36%	0.039%
31	15.280	2085	2090	2096	rVB	13635	18366	0.12%	0.013%
32	15.415	2105	2113	2126	rVB	8556605	12008304	79.27%	8.706%
33	15.527	2126	2132	2148	rBV	2269702	3219501	21.25%	2.334%
34	15.651	2148	2153	2158	rVB	105081	145812	0.96%	0.106%

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35	15.986	2202	2210	2220	rBV7	8450	27982	0.18%	0.020%
36	16.192	2241	2245	2251	rVB2	39233	54991	0.36%	0.040%
37	16.562	2301	2308	2312	rBV5	9246	17203	0.11%	0.012%
38	16.939	2365	2372	2376	rBV3	12506	28949	0.19%	0.021%
39	17.157	2403	2409	2419	rBV2	2748977	3848341	25.40%	2.790%
40	17.262	2419	2427	2436	rVV	8913910	13078341	86.34%	9.482%
41	17.351	2437	2442	2447	rVB2	61501	87884	0.58%	0.064%
42	17.545	2468	2475	2481	rBV2	34938	66061	0.44%	0.048%
43	17.833	2521	2524	2528	rVB2	13713	16936	0.11%	0.012%
44	17.945	2535	2543	2549	rBV2	8936	28634	0.19%	0.021%
45	18.062	2557	2563	2580	rBV	1089353	1590933	10.50%	1.153%
46	18.356	2609	2613	2618	rBV4	21873	37094	0.24%	0.027%
47	18.486	2632	2635	2638	rVB2	16246	16661	0.11%	0.012%
48	18.727	2672	2676	2680	rBV7	11965	17345	0.11%	0.013%
49	18.862	2696	2699	2705	rBV4	10182	16494	0.11%	0.012%
50	18.992	2717	2721	2726	rBV2	43325	63746	0.42%	0.046%
51	19.186	2749	2754	2758	rBV	117944	167285	1.10%	0.121%
52	19.339	2775	2780	2790	rBV	209389	324732	2.14%	0.235%
53	19.439	2792	2797	2802	rVB	100708	142100	0.94%	0.103%
54	19.492	2803	2806	2809	rVB3	17002	20657	0.14%	0.015%
55	19.556	2810	2817	2823	rBV	10820009	15148089	100.00%	10.983%
56	20.068	2901	2904	2907	rBV	48353	62908	0.42%	0.046%
57	20.103	2907	2910	2914	rVB	57716	62382	0.41%	0.045%
58	20.597	2991	2994	2998	rVB	87244	93778	0.62%	0.068%
59	21.056	3067	3072	3083	rBV	1819058	2440453	16.11%	1.769%
60	21.339	3115	3120	3126	rBV	3143179	3902606	25.76%	2.829%
61	21.497	3143	3147	3153	rBV	228047	262854	1.74%	0.191%
62	21.933	3218	3221	3232	rBV2	231875	390730	2.58%	0.283%
63	22.397	3297	3300	3305	rBV	271763	344802	2.28%	0.250%
64	22.909	3384	3387	3392	rVB	272144	368473	2.43%	0.267%
65	23.456	3472	3480	3492	rBV	6382000	12574599	83.01%	9.117%
66	23.597	3497	3504	3515	rVB	1712554	3353456	22.14%	2.431%
67	24.144	3593	3597	3603	rVB	203122	368675	2.43%	0.267%

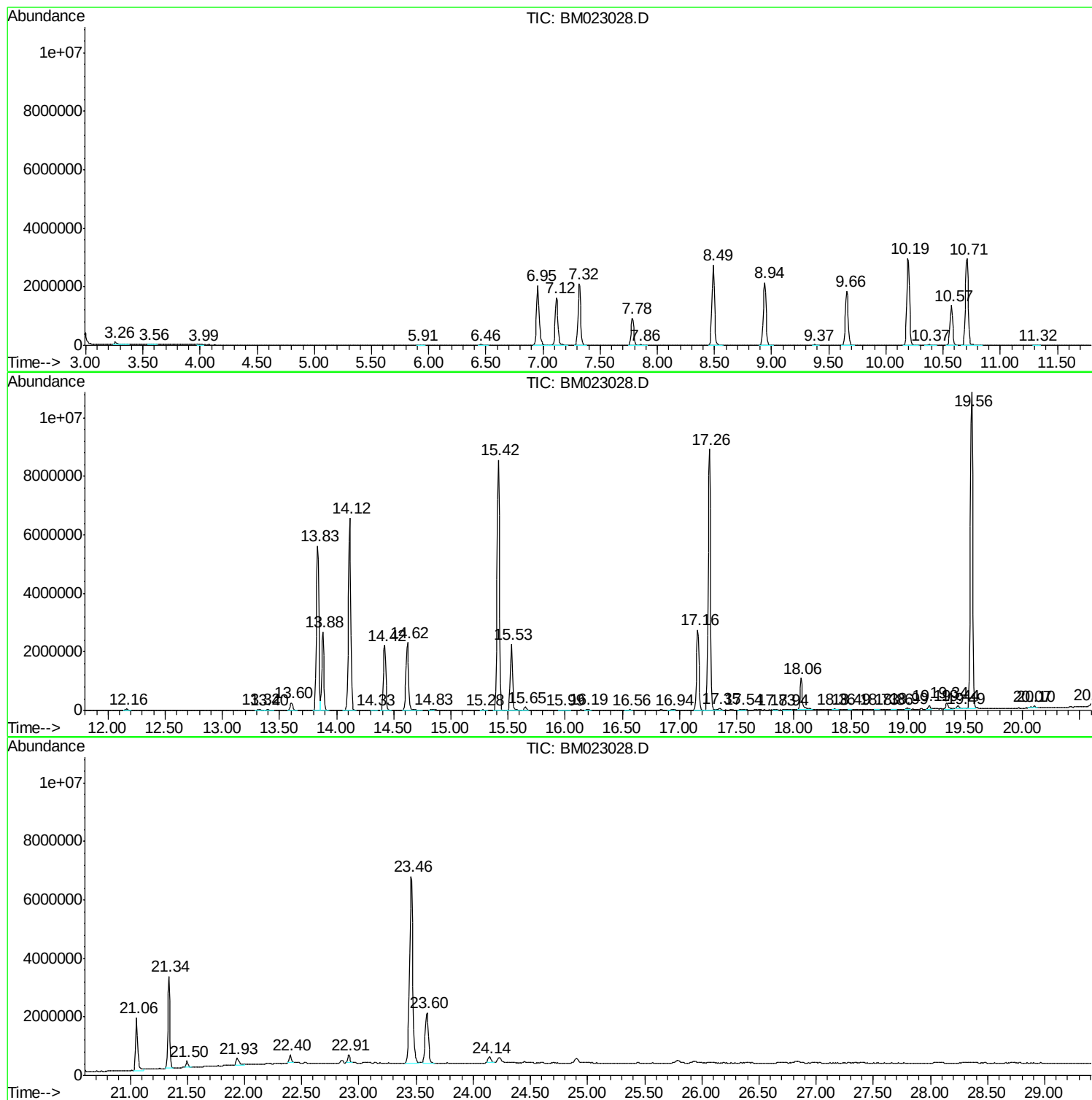
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Quant Title : SVOA CALIBRATION

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



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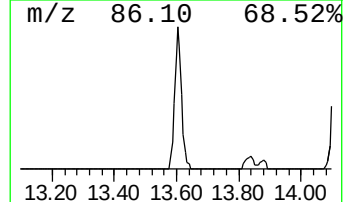
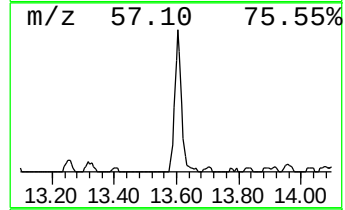
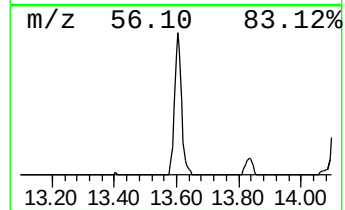
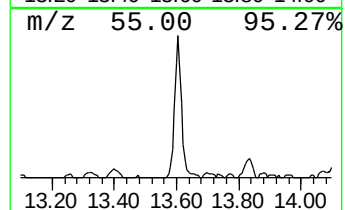
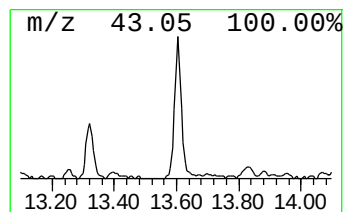
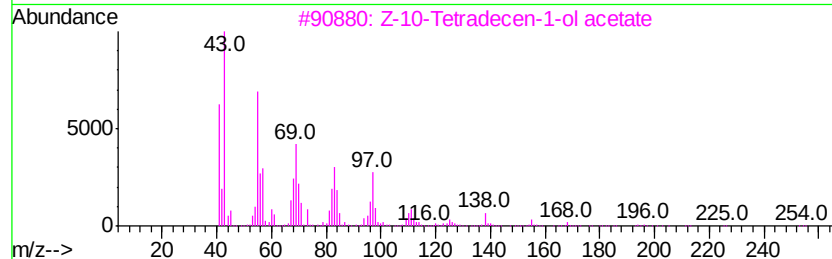
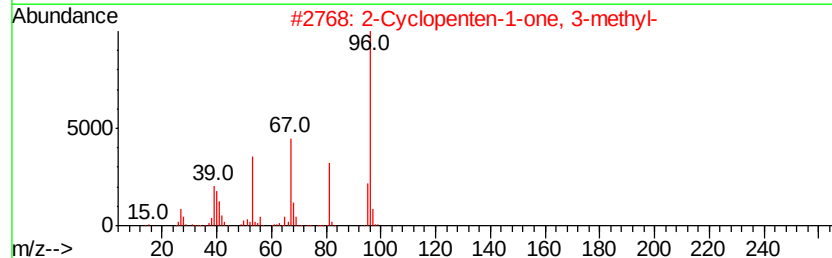
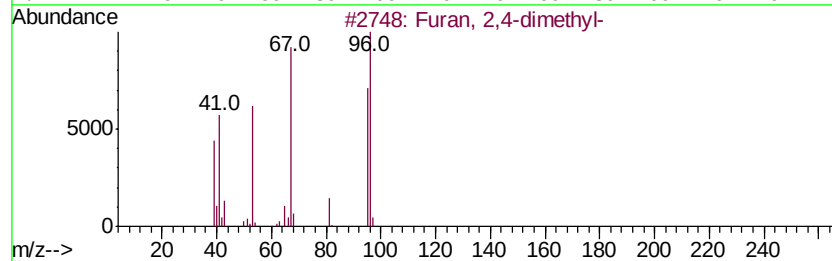
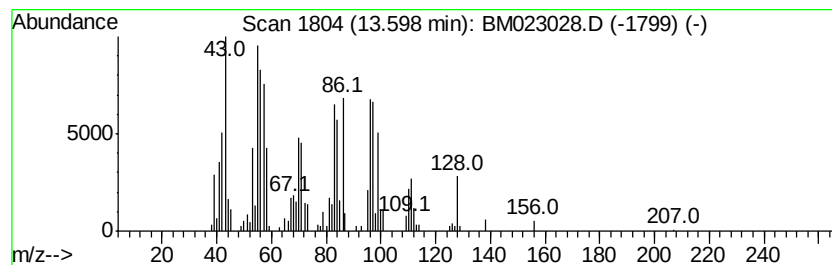
Instrument :
BNA_M
ClientSampled :
DBAL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	2.36 ng/ul	387506	Acenaphthene-d10	14.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Furan, 2,4-dimethyl-	96 C6H8O	003710-43-8	30
2	2-Cyclopenten-1-one, 3-methyl-	96 C6H8O	002758-18-1	27
3	Z-10-Tetradecen-1-ol acetate	254 C16H30O2	1000130-99-3	27
4	2-Methylperhydro-1,3-oxazine	101 C5H11NO	031951-98-1	25
5	Cyclooctane	112 C8H16	000292-64-8	15



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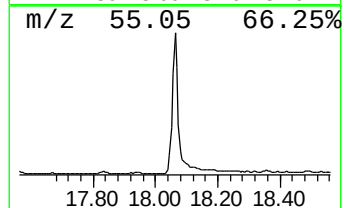
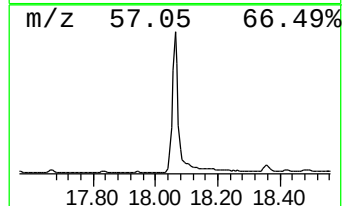
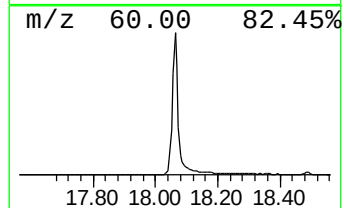
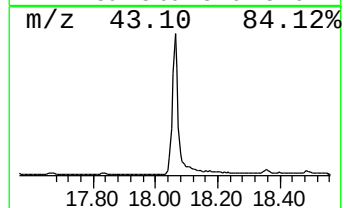
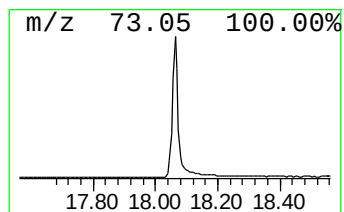
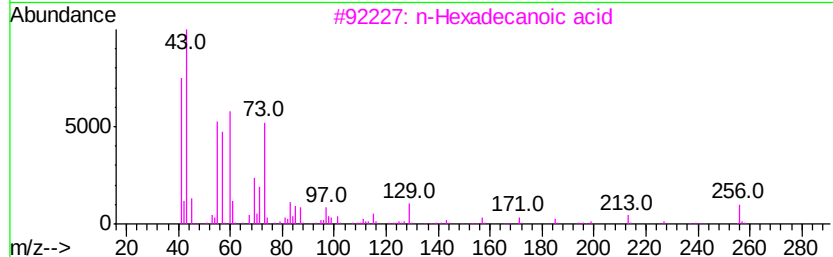
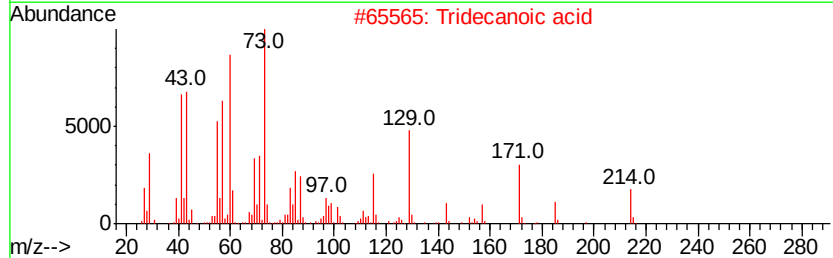
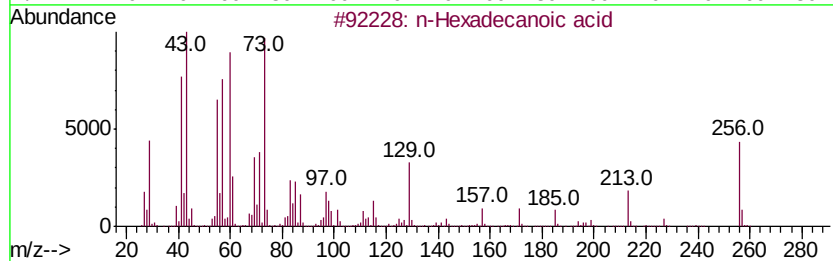
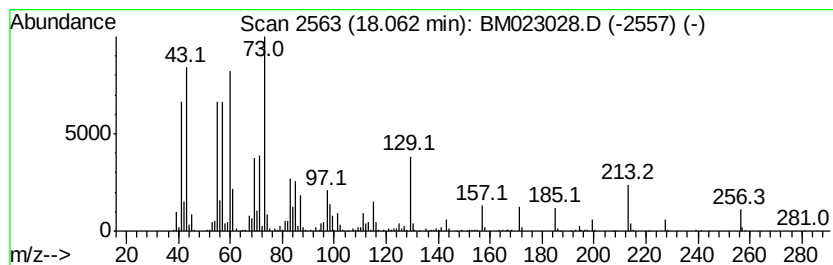
Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.06	8.27 ng/ul	1590930	Phenanthrene-d10	17.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	90



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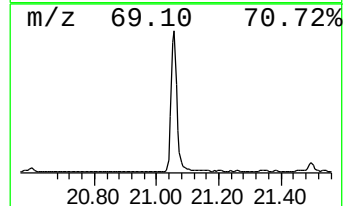
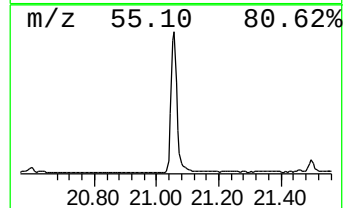
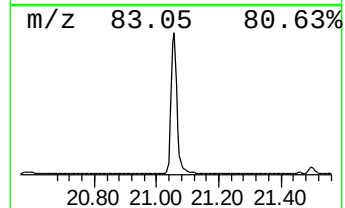
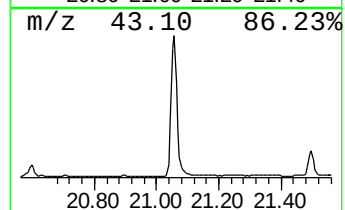
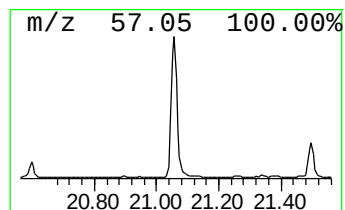
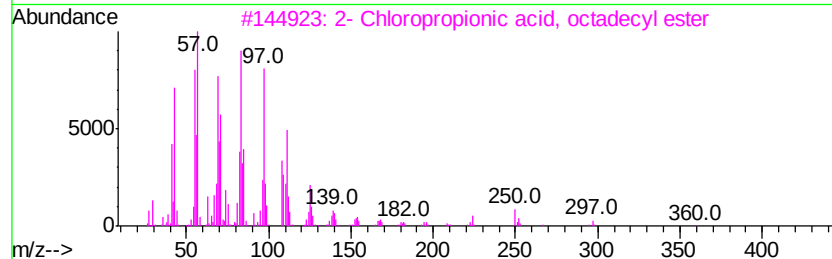
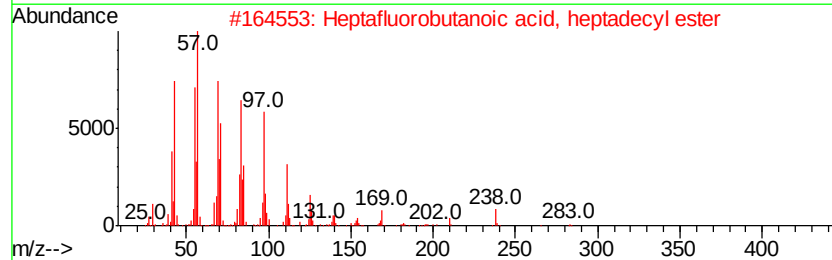
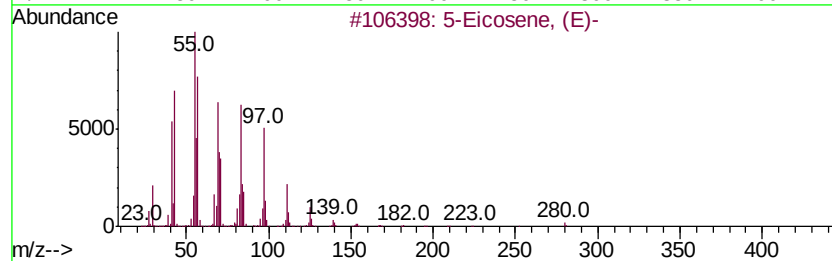
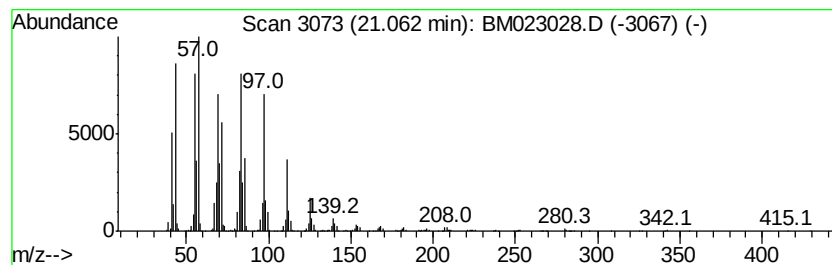
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic21.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	12.51 ng/ul	2440450	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		Heptafluorobutanoic acid, heptadecyl ester	452	C21H35F7O2	1000282-97-3	94
3		2-Chloropropionic acid, octadecyl ester	360	C21H41ClO2	088104-31-8	94
4		Trichloroacetic acid, hexadecyl ester	386	C18H33Cl3O2	074339-54-1	94
5		Cyclopentadecane	210	C15H30	000295-48-7	93



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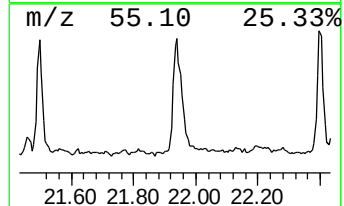
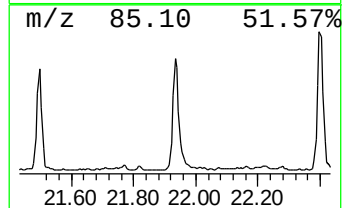
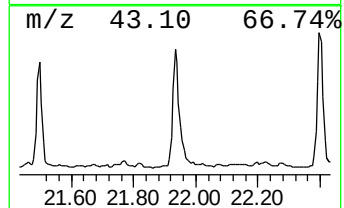
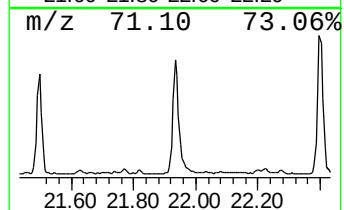
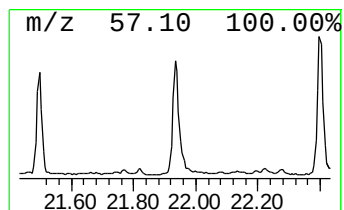
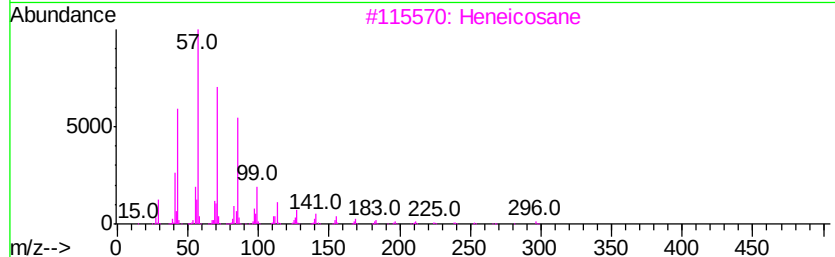
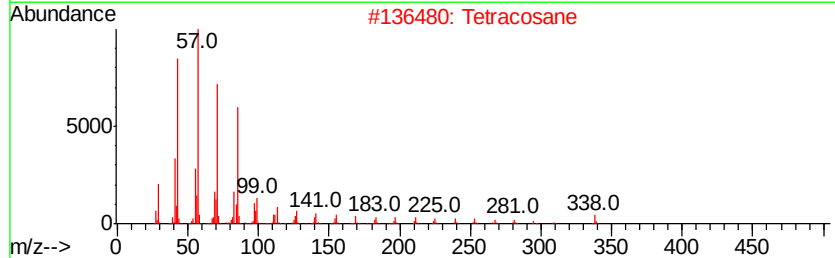
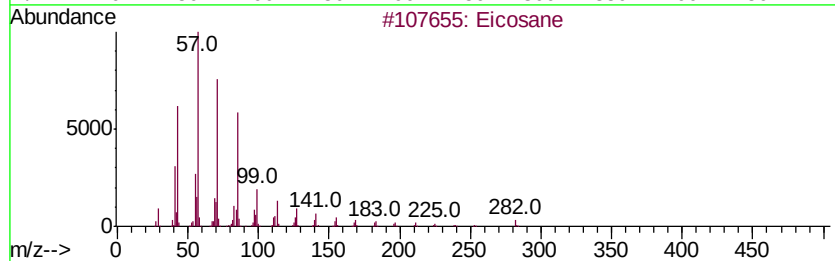
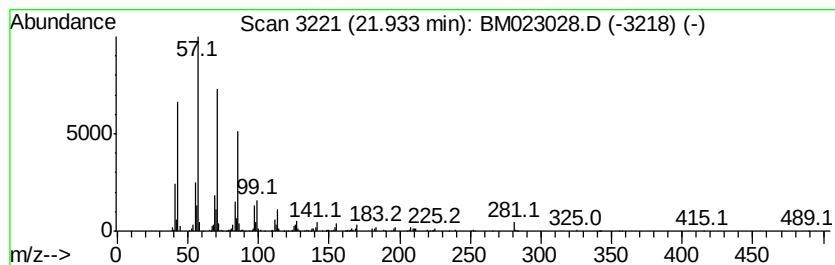
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	2.00 ng/ul	390730	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5		Hexatriacontane	507	C36H74	000630-06-8	87



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DBAL1

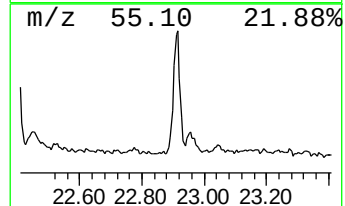
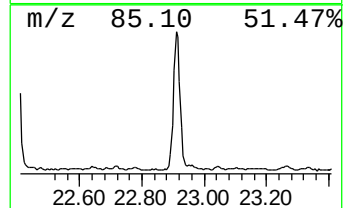
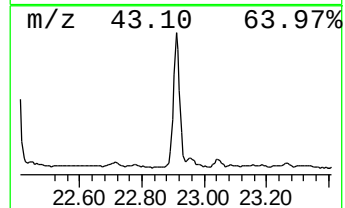
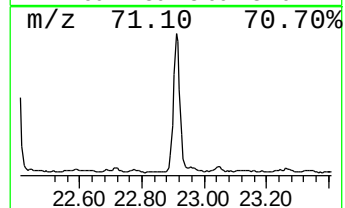
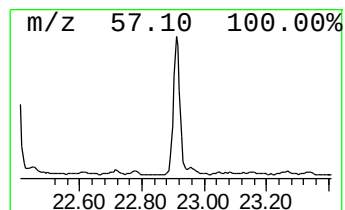
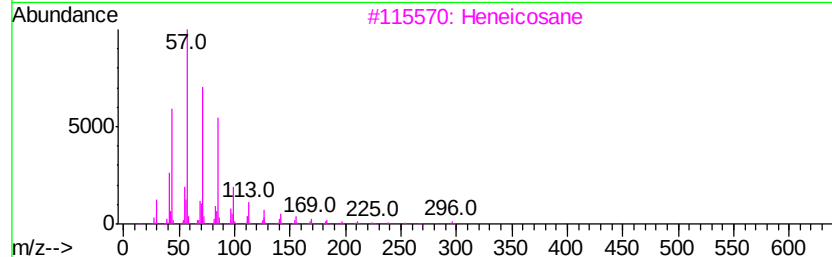
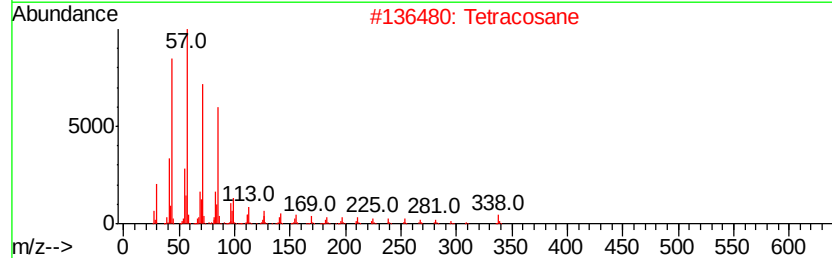
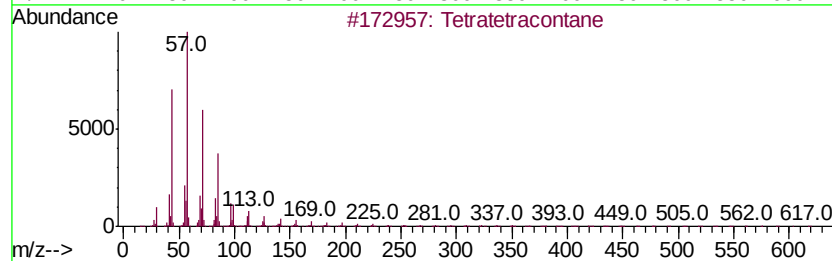
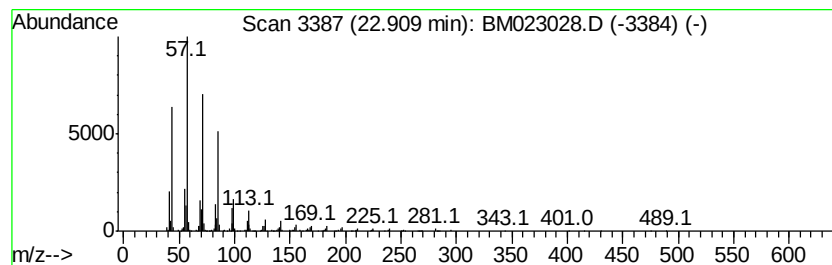
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.91	2.20 ng/ul	368473	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexatriacontane	507	C36H74	000630-06-8	87
5		Nonacosane	408	C29H60	000630-03-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM023028.D
Acq On : 06 Oct 2019 15:27
Operator : JU
Sample : K5057-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAL1

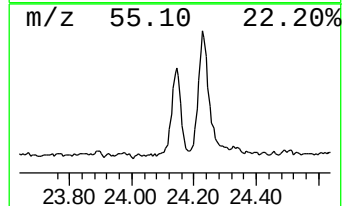
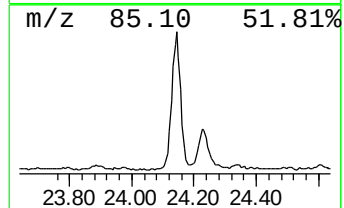
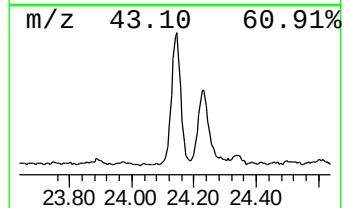
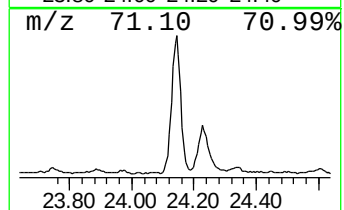
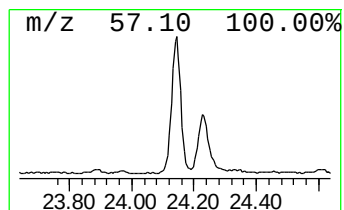
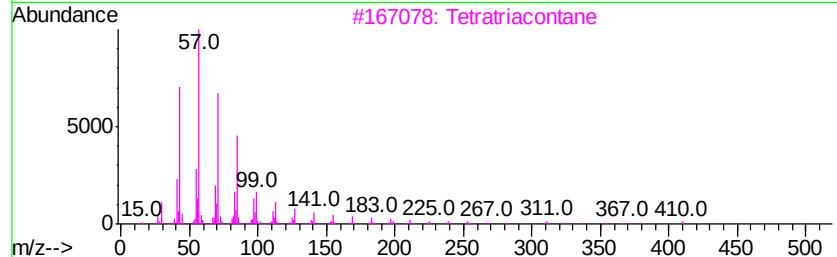
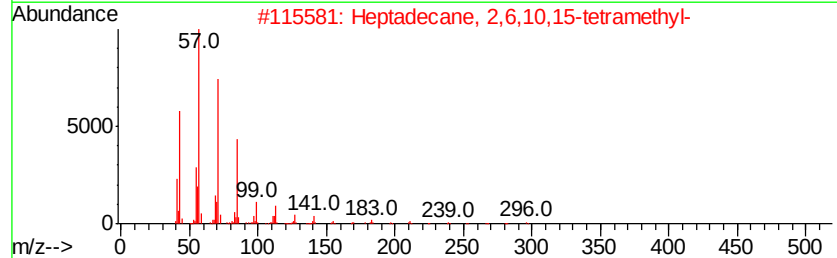
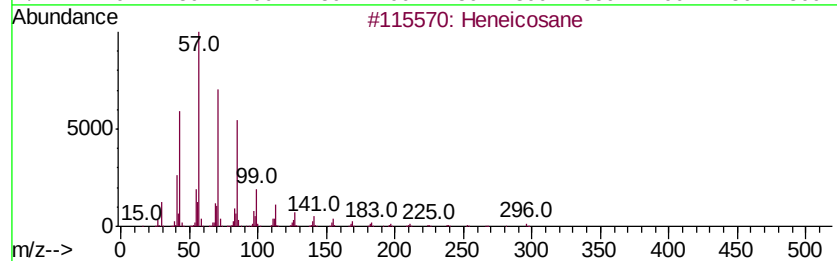
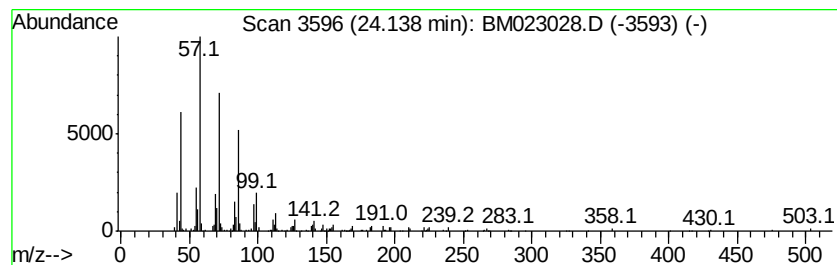
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	2.20 ng/ul	368675	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Tetratriacontane	479	C34H70	014167-59-0	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100319\
Data File : BM023028.D
Acq On : 06 Oct 2019 15:27
Operator : JU
Sample : K5057-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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
unknown-01	13.60	2.4	ng/ul	387506	3	14.42	3278050	20.0
n-Hexadecanoic acid	18.06	8.3	ng/ul	1590930	4	17.16	3848340	20.0
(DEL) Alkane: Cyc...	21.06	12.5	ng/ul	2440450	5	21.34	3902610	20.0
(DEL) Alkane: Str...	21.93	2.0	ng/ul	390730	5	21.34	3902610	20.0
(DEL) Alkane: Str...	22.91	2.2	ng/ul	368473	6	23.60	3353460	20.0
(DEL) Alkane: Str...	24.14	2.2	ng/ul	368675	6	23.60	3353460	20.0