

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021652.D
 Acq On : 26 Jul 2019 00:42
 Operator : HP/JU
 Sample : K3850-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS7

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-BM072319MA.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	6.875	656	661	672	rVB	320961	558349	11.87%	1.282%
2	7.045	685	690	699	rVB	239437	384018	8.16%	0.882%
3	7.234	716	722	729	rVB	345496	566714	12.05%	1.301%
4	7.698	795	801	809	rVB	443313	699756	14.88%	1.606%
5	8.404	916	921	932	rVB	409546	701063	14.91%	1.609%
6	8.863	993	999	1010	rVB	359711	614497	13.06%	1.411%
7	9.575	1114	1120	1129	rVB	302321	507906	10.80%	1.166%
8	10.110	1204	1211	1228	rVB	465943	861457	18.32%	1.978%
9	10.480	1268	1274	1285	rVB	718837	1191255	25.33%	2.735%
10	10.639	1294	1301	1316	rBV	370539	751888	15.99%	1.726%
11	12.086	1542	1547	1553	rVB2	6845	12140	0.26%	0.028%
12	13.145	1722	1727	1732	rVB4	3481	5642	0.12%	0.013%
13	13.763	1825	1832	1836	rBV	1024600	1470169	31.26%	3.375%
14	13.810	1836	1840	1853	rVB	323299	470767	10.01%	1.081%
15	14.033	1872	1878	1890	rBV	1192284	1778093	37.80%	4.082%
16	14.227	1908	1911	1920	rVB4	5766	10174	0.22%	0.023%
17	14.345	1923	1931	1941	rBV	1338811	1915177	40.72%	4.397%
18	14.580	1965	1971	1995	rBV	236988	569270	12.10%	1.307%
19	14.786	2000	2006	2011	rVB3	15640	29176	0.62%	0.067%
20	15.104	2057	2060	2063	rBV2	6126	9052	0.19%	0.021%
21	15.186	2070	2074	2078	rBV3	10367	13006	0.28%	0.030%
22	15.339	2094	2100	2112	rBV	1636923	2377213	50.54%	5.457%
23	15.480	2119	2124	2136	rBV	248926	374694	7.97%	0.860%
24	15.580	2136	2141	2145	rVB	16799	24115	0.51%	0.055%
25	15.968	2203	2207	2211	rBV	30876	39053	0.83%	0.090%
26	16.051	2216	2221	2226	rBV4	11766	20977	0.45%	0.048%
27	16.127	2232	2234	2239	rVB5	6733	7400	0.16%	0.017%
28	16.504	2294	2298	2300	rBV4	6150	8123	0.17%	0.019%
29	16.645	2318	2322	2325	rVV4	6366	8927	0.19%	0.020%
30	16.845	2350	2356	2360	rBV2	13742	21241	0.45%	0.049%
31	16.886	2360	2363	2368	rVB4	9323	13575	0.29%	0.031%
32	17.009	2377	2384	2387	rBV6	8598	17412	0.37%	0.040%
33	17.098	2390	2399	2404	rVV	1815698	2589192	55.05%	5.944%
34	17.139	2404	2406	2409	rVV	30281	33661	0.72%	0.077%

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35	17.198	2409	2416	2426	rVV	1971836	2850080	60.60%	6.543%
36	17.268	2426	2428	2431	rVV3	8007	9020	0.19%	0.021%
37	17.309	2434	2435	2441	rVV6	3994	5549	0.12%	0.013%
38	17.386	2443	2448	2449	rBV4	4594	6735	0.14%	0.015%
39	17.480	2461	2464	2465	rBV2	5499	5942	0.13%	0.014%
40	17.580	2478	2481	2485	rVB5	10504	11565	0.25%	0.027%
41	17.868	2525	2530	2536	rBV4	15190	34826	0.74%	0.080%
42	17.927	2537	2540	2545	rBV6	13723	19388	0.41%	0.045%
43	17.992	2545	2551	2561	rBV	359806	610395	12.98%	1.401%
44	18.162	2577	2580	2586	rVB8	20551	32558	0.69%	0.075%
45	18.274	2596	2599	2606	rBV10	14097	27117	0.58%	0.062%
46	18.556	2643	2647	2652	rVB5	32662	44098	0.94%	0.101%
47	18.856	2693	2698	2705	rBV	227135	399326	8.49%	0.917%
48	19.127	2740	2744	2745	rBV	80873	83233	1.77%	0.191%
49	19.156	2745	2749	2763	rVV2	271757	507778	10.80%	1.166%
50	19.274	2765	2769	2780	rVV	213599	382481	8.13%	0.878%
51	19.492	2800	2806	2817	rBV	2836489	4093117	87.02%	9.396%
52	20.992	3057	3061	3071	rBV	485953	737014	15.67%	1.692%
53	21.286	3106	3111	3115	rBV	2797993	3552329	75.53%	8.155%
54	21.421	3131	3134	3141	rBV	153464	218069	4.64%	0.501%
55	21.856	3204	3208	3211	rBV	836911	970969	20.64%	2.229%
56	22.315	3283	3286	3292	rVB	346730	460066	9.78%	1.056%
57	22.821	3368	3372	3377	rVB	689795	925844	19.68%	2.125%
58	23.385	3462	3468	3485	rVB	2462597	4703477	100.00%	10.798%
59	23.533	3487	3493	3508	rVB	1821607	3377509	71.81%	7.754%
60	24.027	3572	3577	3584	rVB	464899	836415	17.78%	1.920%

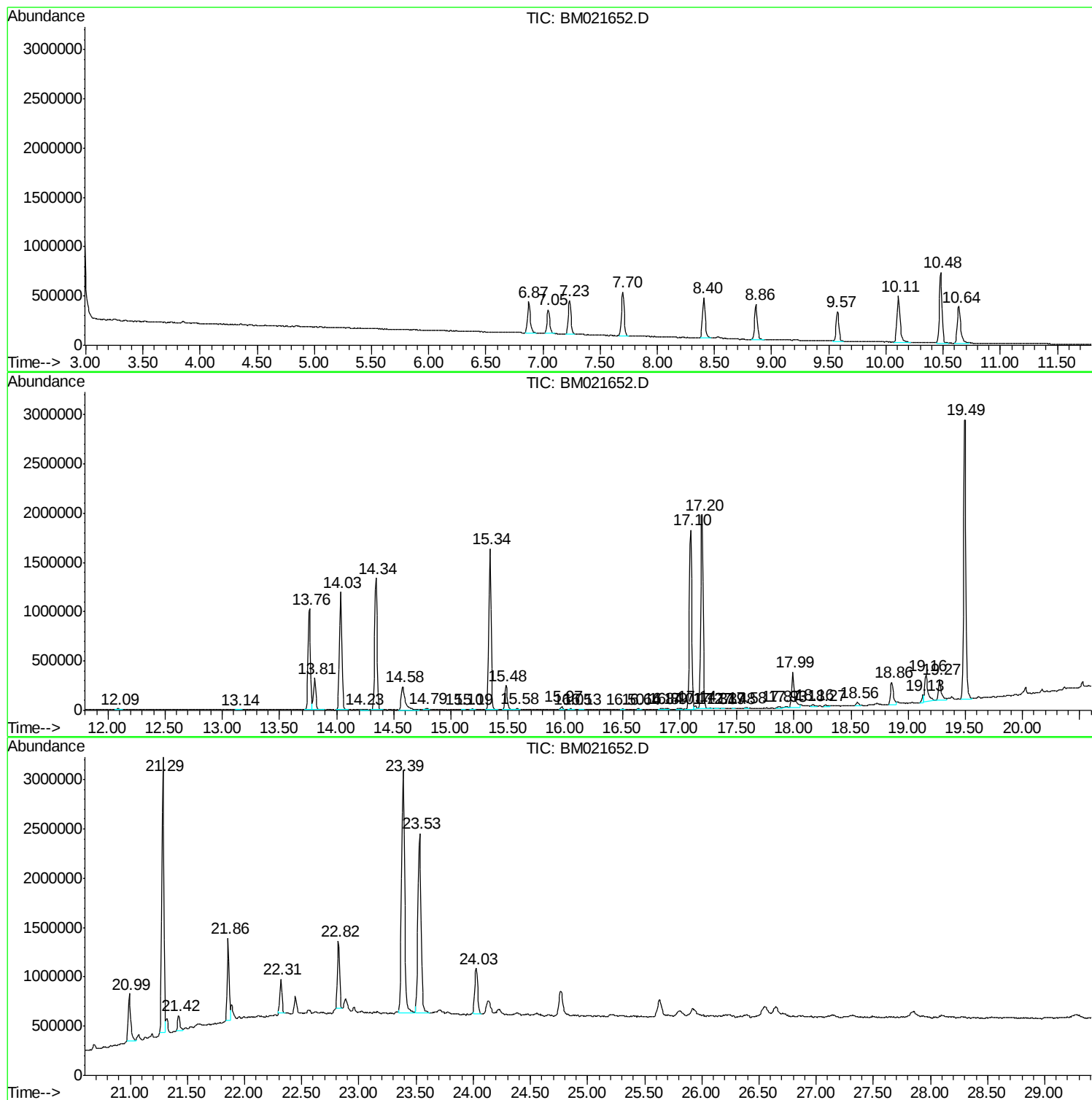
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Quant Title : SVOA CALIBRATION

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



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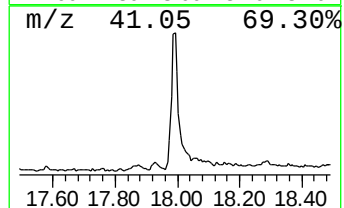
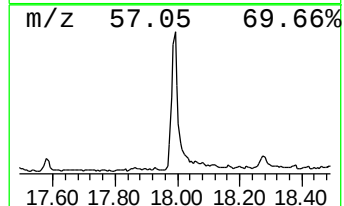
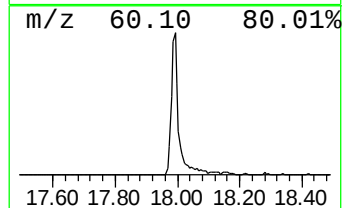
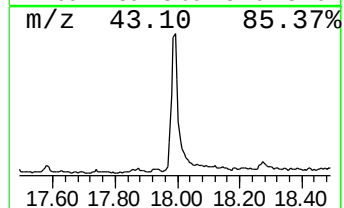
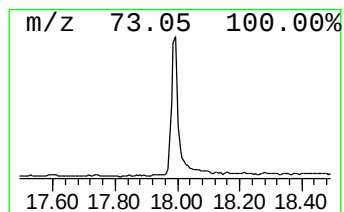
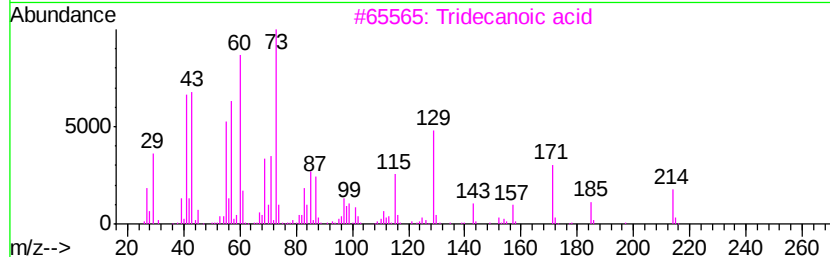
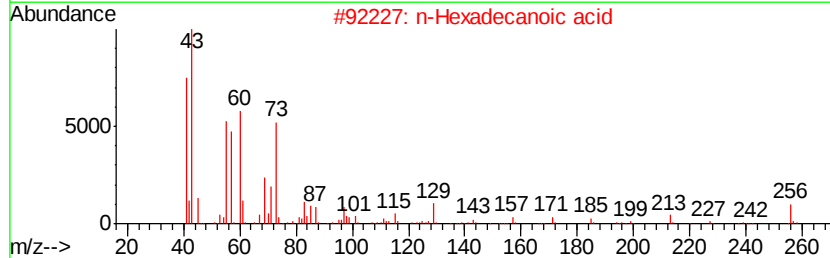
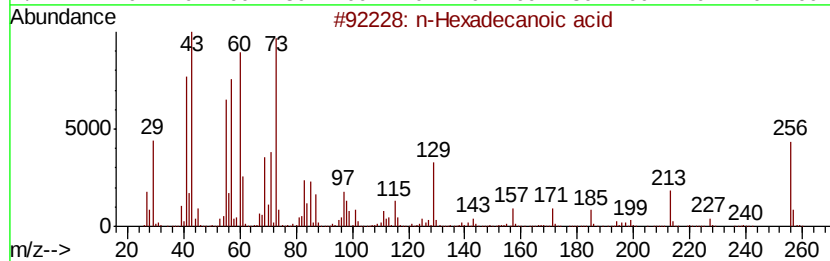
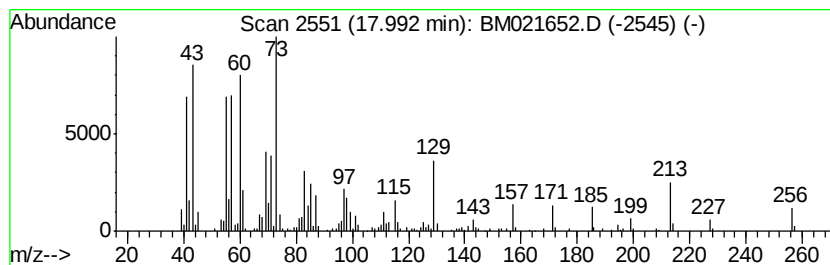
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.99	4.71 ng/ul	610395	Phenanthrene-d10	17.10		
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	97	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91	



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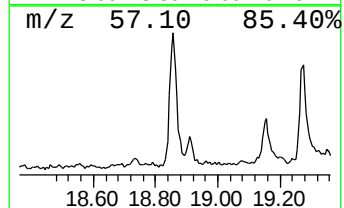
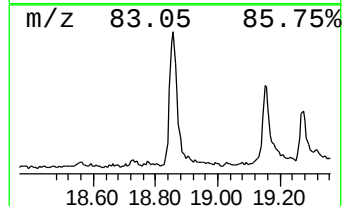
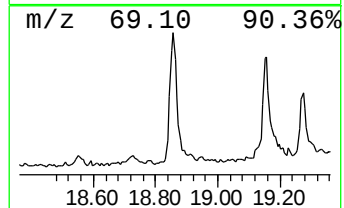
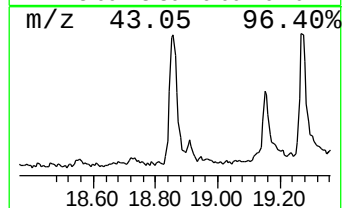
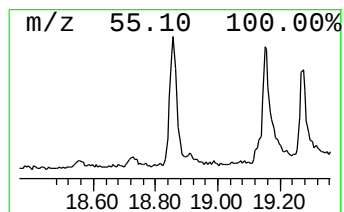
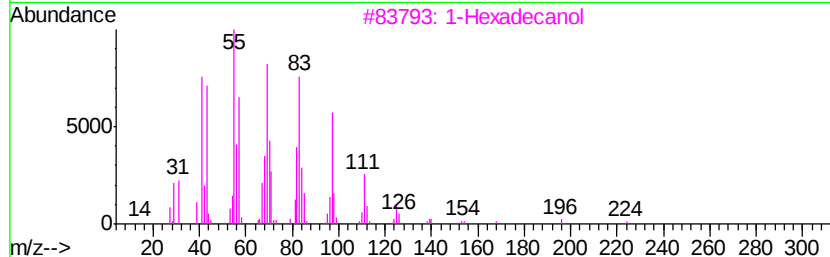
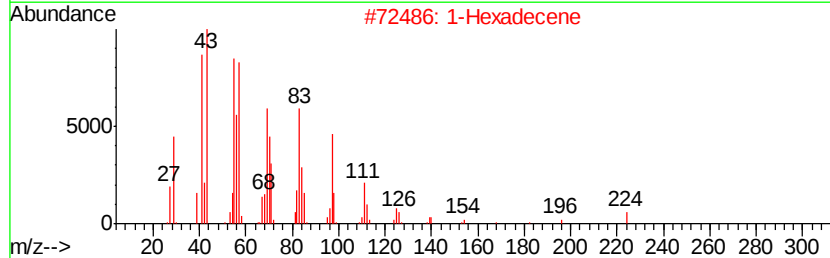
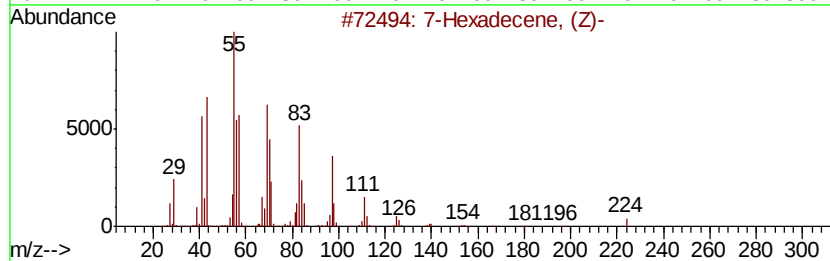
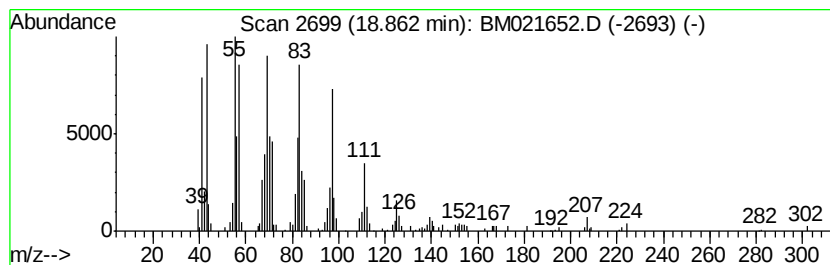
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic18.86 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	3.08 ng/ul	399326	Phenanthrene-d10	17.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	95
2		1-Hexadecene	224	C16H32	000629-73-2	95
3		1-Hexadecanol	242	C16H34O	036653-82-4	94
4		1-Heptadecanol	256	C17H36O	001454-85-9	94
5		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94



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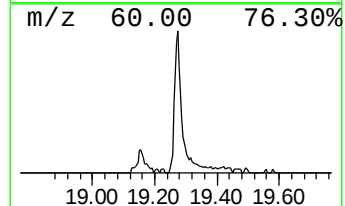
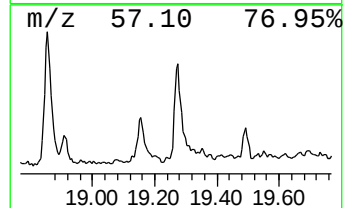
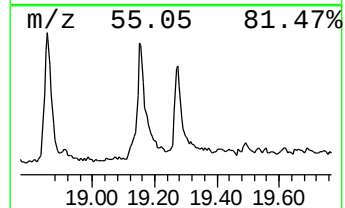
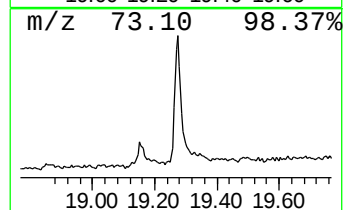
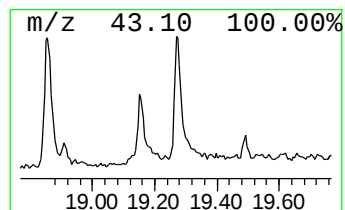
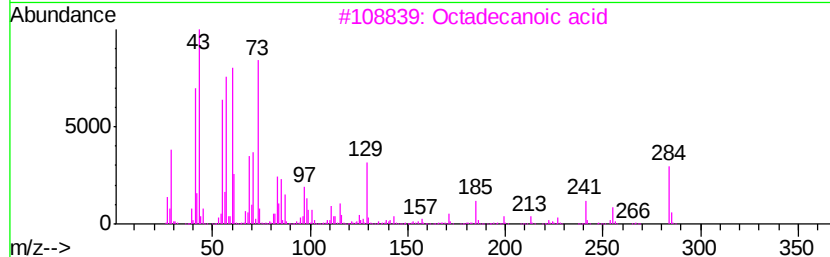
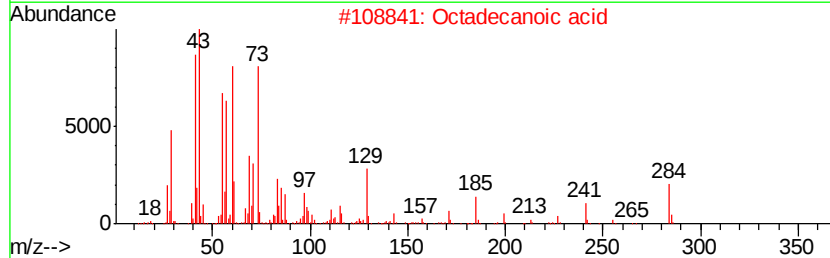
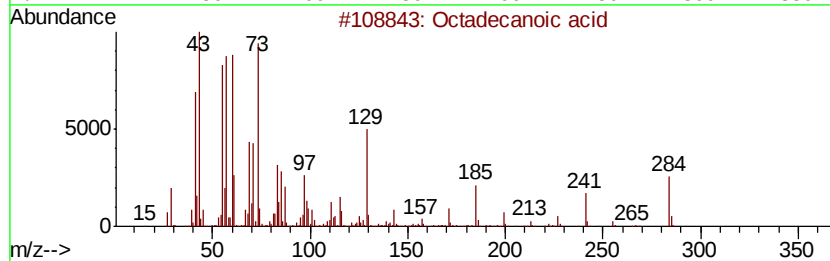
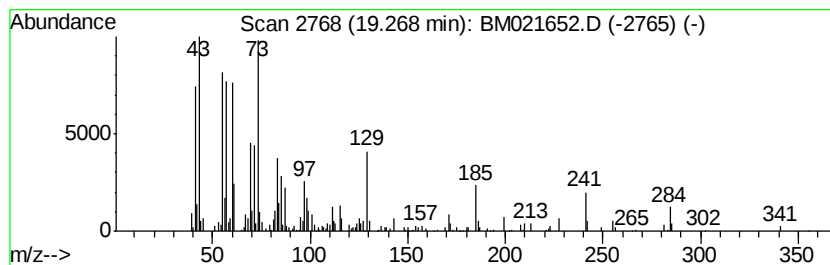
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.15 ng/ul	382481	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	96
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	91



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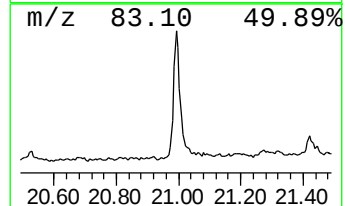
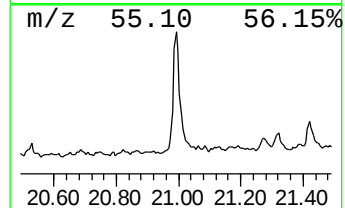
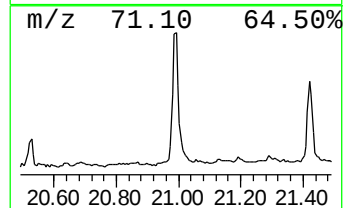
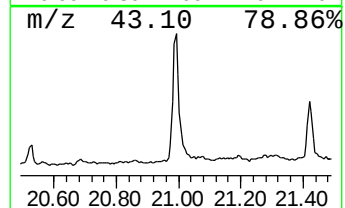
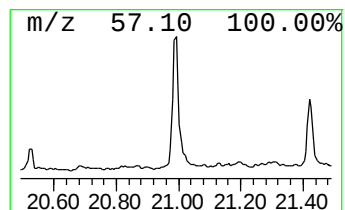
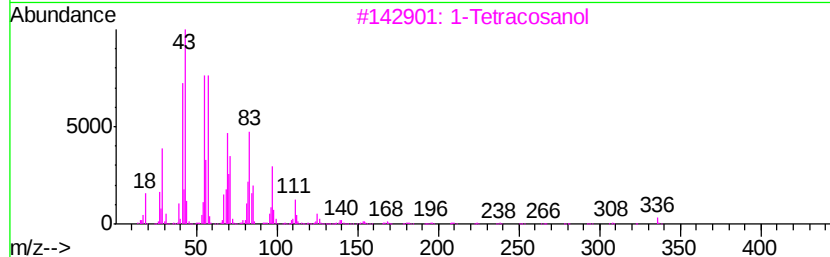
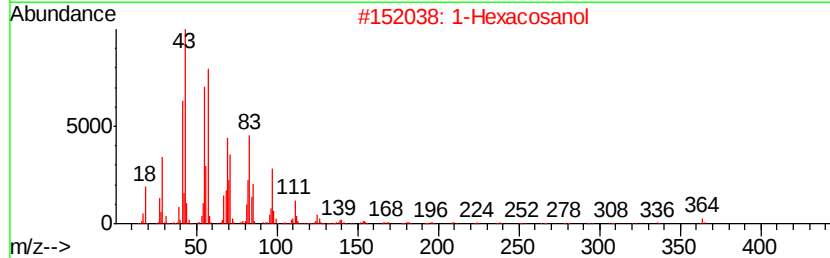
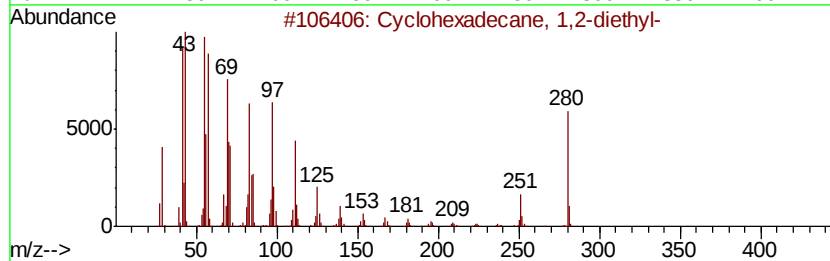
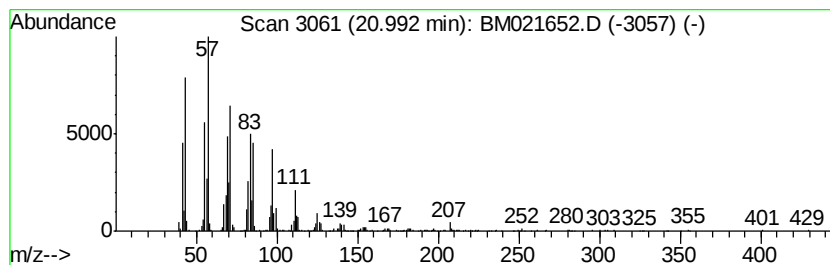
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic20.99 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.15 ng/ul	737014	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
2		1-Hexacosanol	382	C26H54O	000506-52-5	81
3		1-Tetracosanol	354	C24H50O	000506-51-4	81
4		1-Octadecanol	270	C18H38O	000112-92-5	76
5		1-Nonadecanol	284	C19H40O	001454-84-8	76



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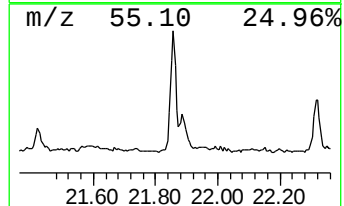
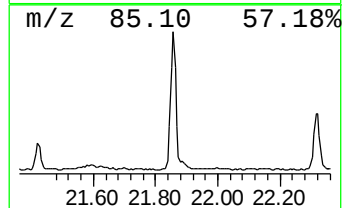
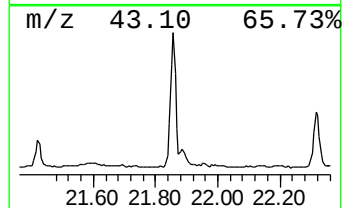
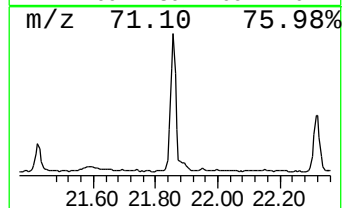
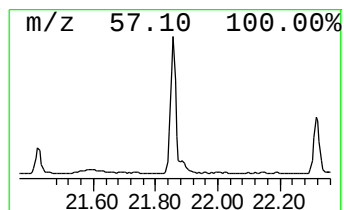
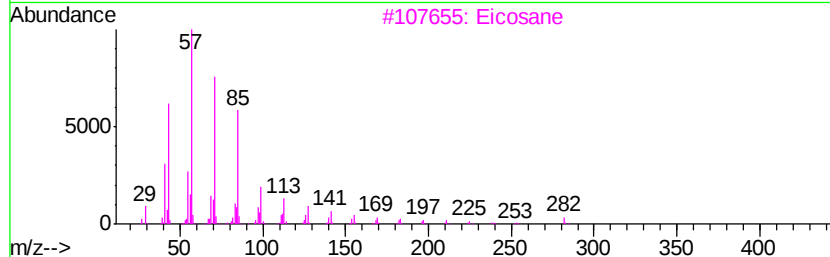
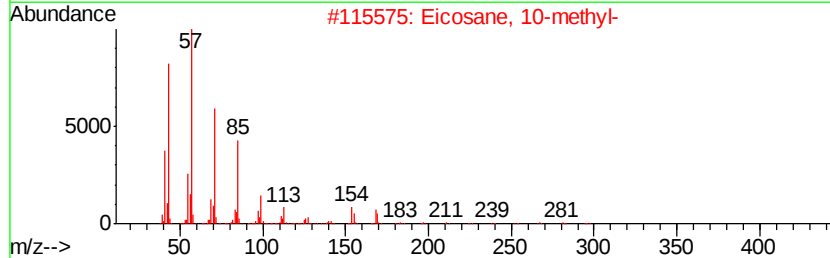
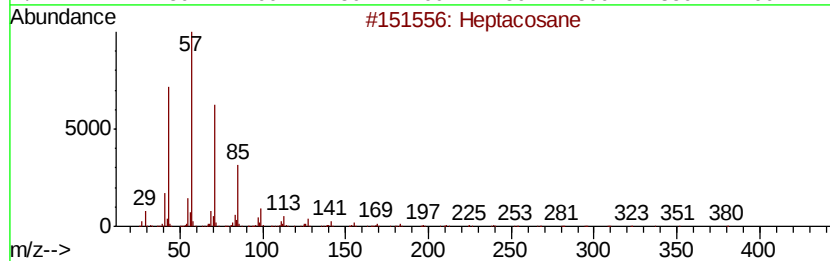
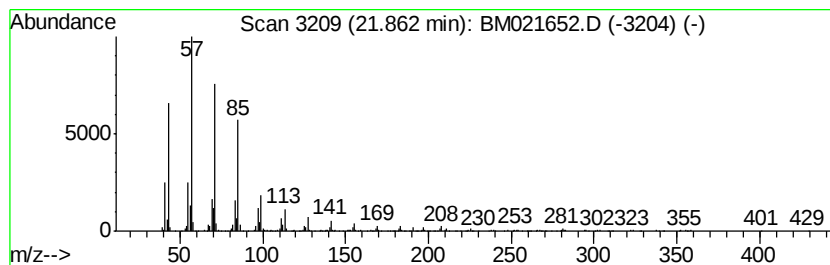
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	5.47 ng/ul	970969	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	97
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Eicosane	282	C20H42	000112-95-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021652.D
Acq On : 26 Jul 2019 00:42
Operator : HP/JU
Sample : K3850-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS7

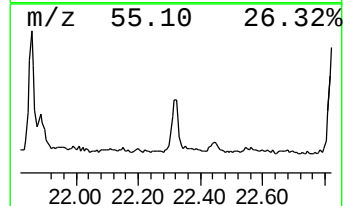
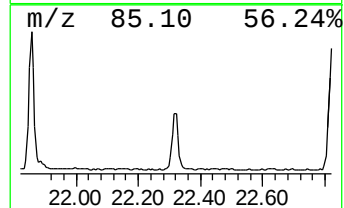
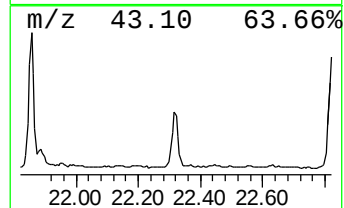
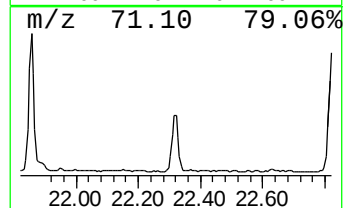
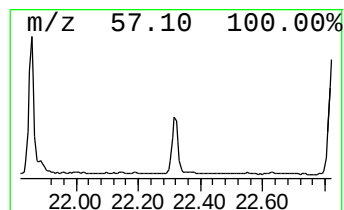
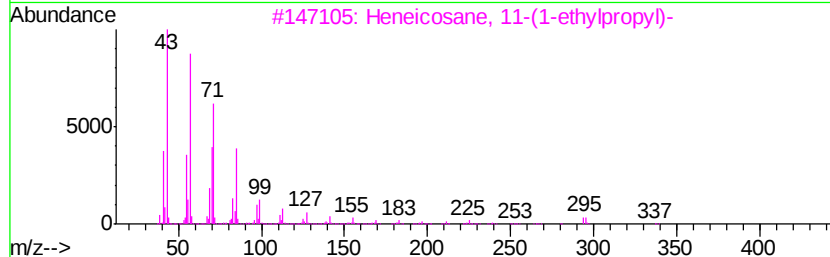
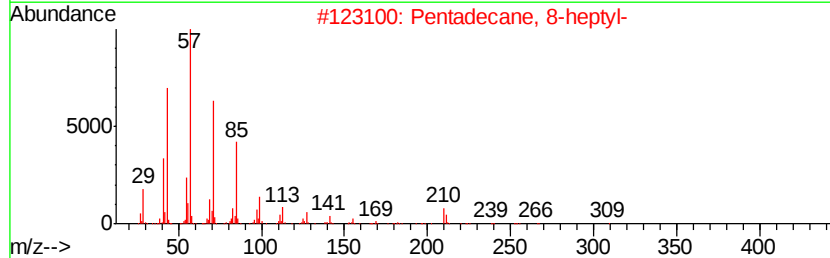
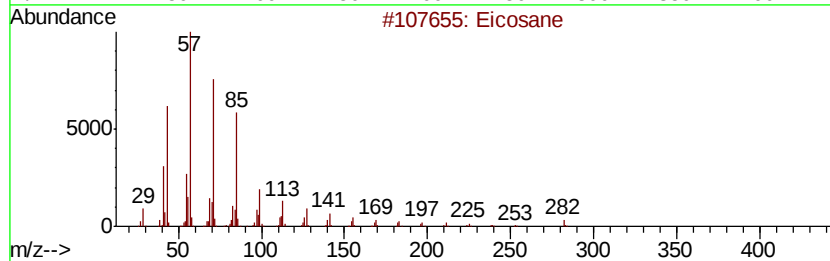
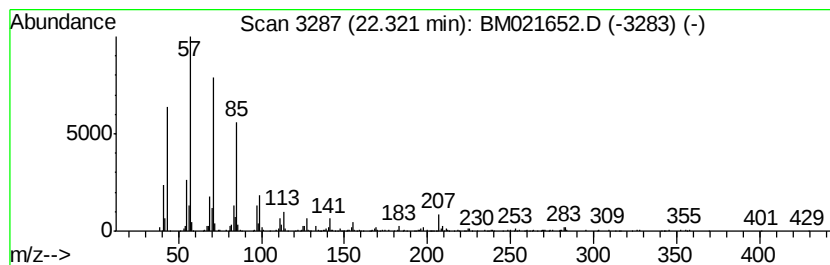
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.59 ng/ul	460066	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021652.D
Acq On : 26 Jul 2019 00:42
Operator : HP/JU
Sample : K3850-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS7

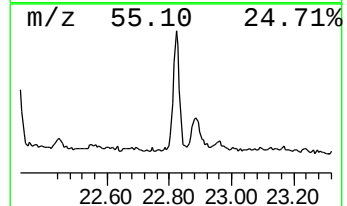
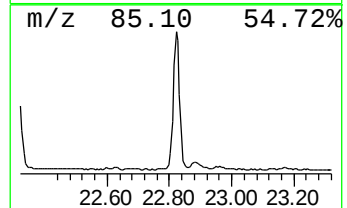
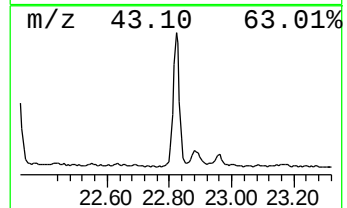
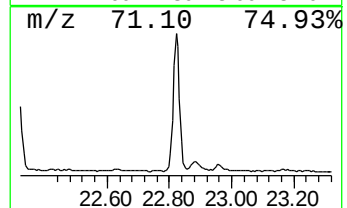
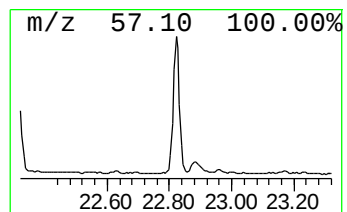
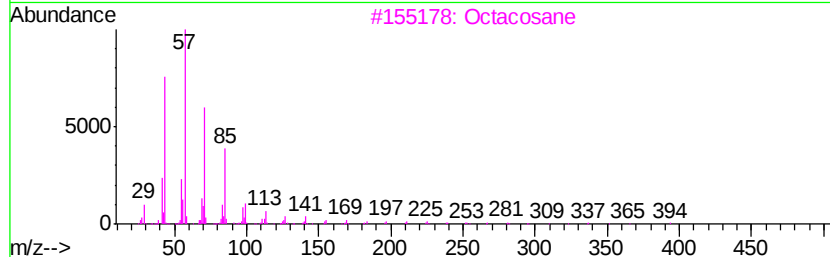
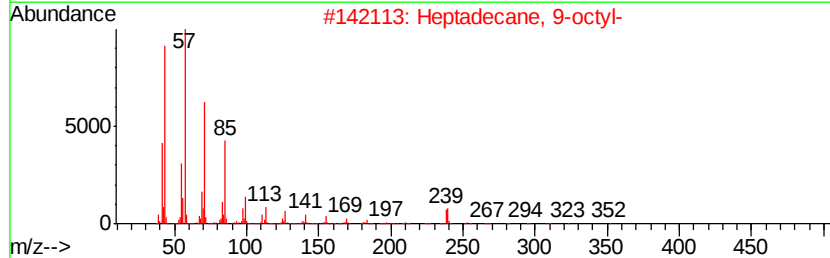
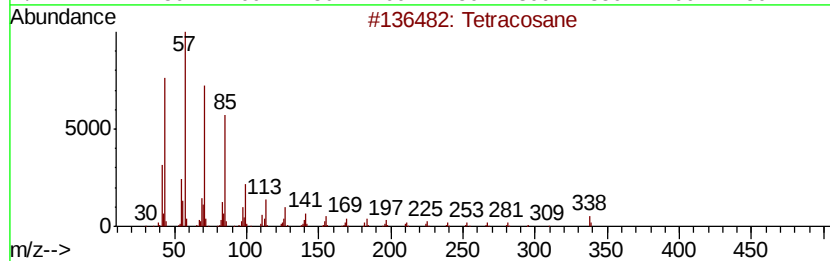
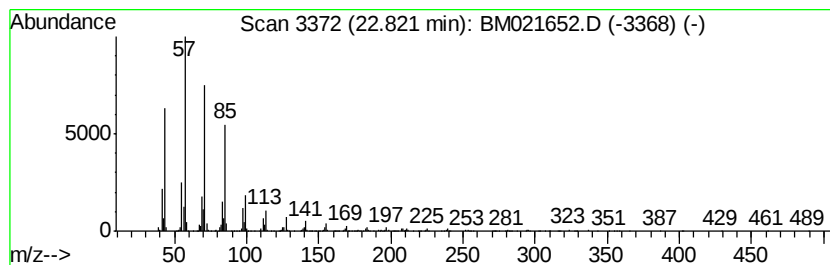
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	5.48 ng/ul	925844	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Docosane, 7-hexyl-	394	C28H58	055373-86-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021652.D
Acq On : 26 Jul 2019 00:42
Operator : HP/JU
Sample : K3850-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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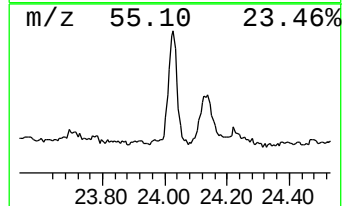
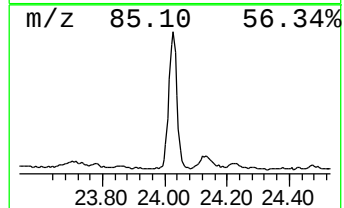
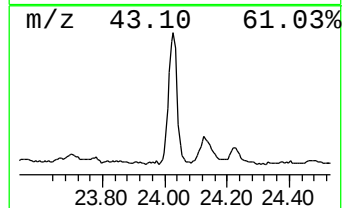
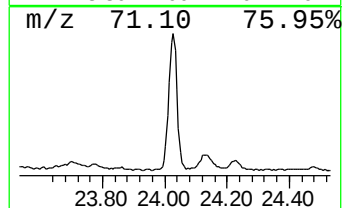
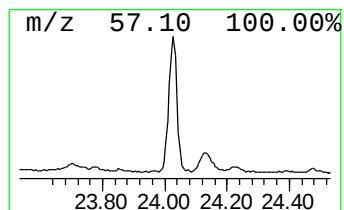
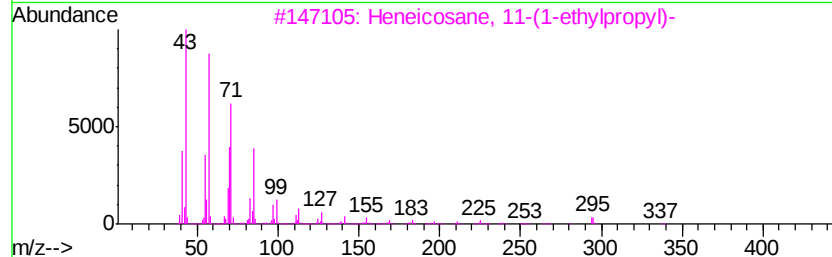
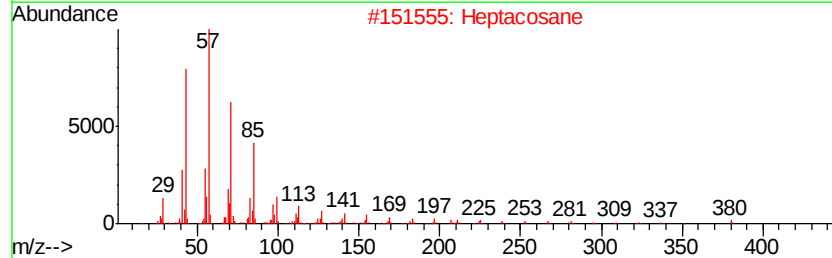
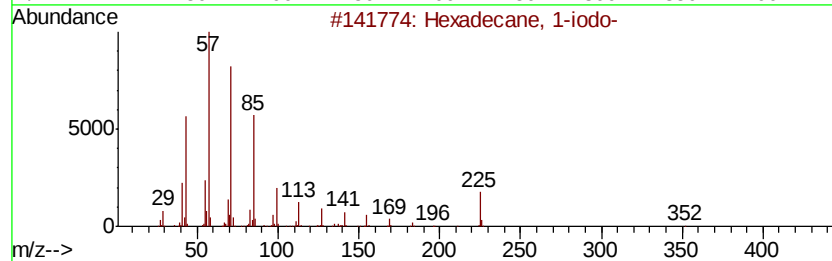
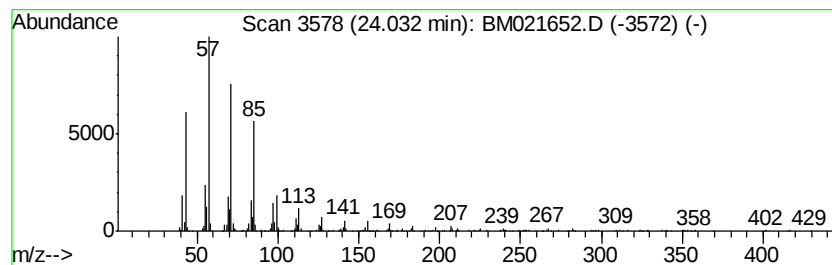
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Hexadecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	4.95 ng/ul	836415	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072519\
Data File : BM021652.D
Acq On : 26 Jul 2019 00:42
Operator : HP/JU
Sample : K3850-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.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
n-Hexadecanoic acid	17.99	4.7	ng/ul	610395	4	17.10	2589190	20.0
(DEL) Alkane: Cyc...	18.86	3.1	ng/ul	399326	4	17.10	2589190	20.0
Octadecanoic acid	19.27	2.1	ng/ul	382481	5	21.29	3552330	20.0
(DEL) Alkane: Cyc...	20.99	4.2	ng/ul	737014	5	21.29	3552330	20.0
(DEL) Alkane: Str...	21.86	5.5	ng/ul	970969	5	21.29	3552330	20.0
(DEL) Alkane: Str...	22.32	2.6	ng/ul	460066	5	21.29	3552330	20.0
(DEL) Alkane: Str...	22.82	5.5	ng/ul	925844	6	23.53	3377510	20.0
Hexadecane, 1-iodo-	24.03	5.0	ng/ul	836415	6	23.53	3377510	20.0