

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022258.D
 Acq On : 23 Aug 2019 16:22
 Operator : HP/JU
 Sample : K4337-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

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-BM082219MA.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	3.728	121	126	132	rBV3	3305	6387	0.38%	0.048%
2	3.940	158	162	165	rVB	1606	1709	0.10%	0.013%
3	6.757	636	641	652	rBB2	30672	58845	3.53%	0.442%
4	6.916	663	668	682	rBV	106704	178965	10.75%	1.344%
5	7.098	693	699	709	rBB	139578	234291	14.07%	1.759%
6	7.557	772	777	785	rBB	106272	164627	9.89%	1.236%
7	8.281	894	900	913	rBB	105261	178053	10.69%	1.337%
8	8.728	970	976	989	rBV	172772	290136	17.42%	2.179%
9	9.439	1090	1097	1108	rBB	167794	277740	16.68%	2.085%
10	9.975	1181	1188	1212	rBB	179342	387698	23.28%	2.911%
11	10.333	1242	1249	1258	rBB	148050	249445	14.98%	1.873%
12	10.522	1276	1281	1291	rBV3	9461	19108	1.15%	0.143%
13	11.951	1520	1524	1528	rBB2	2245	3225	0.19%	0.024%
14	13.639	1805	1811	1816	rBV	497174	693623	41.66%	5.208%
15	13.686	1816	1819	1827	rVB	51413	71070	4.27%	0.534%
16	13.904	1850	1856	1865	rBV2	530559	773893	46.48%	5.811%
17	14.215	1902	1909	1916	rBB	264979	378196	22.71%	2.840%
18	14.427	1942	1945	1949	rBB2	1539	1751	0.11%	0.013%
19	14.510	1954	1959	1972	rBV4	12832	39637	2.38%	0.298%
20	14.651	1978	1983	1987	rVB2	3294	4624	0.28%	0.035%
21	15.004	2041	2043	2046	rBB	2217	1892	0.11%	0.014%
22	15.215	2073	2079	2089	rBV	683655	987822	59.32%	7.417%
23	15.380	2102	2107	2117	rBV	229520	338653	20.34%	2.543%
24	15.462	2117	2121	2124	rVV	5701	8970	0.54%	0.067%
25	15.492	2124	2126	2130	rVB2	3837	3700	0.22%	0.028%
26	15.921	2196	2199	2201	rBV2	2460	3188	0.19%	0.024%
27	16.009	2208	2214	2215	rBV2	2489	3447	0.21%	0.026%
28	16.039	2215	2219	2226	rVB2	12410	17434	1.05%	0.131%
29	16.380	2274	2277	2281	rBV2	1162	1688	0.10%	0.013%
30	16.627	2316	2319	2323	rVB4	3283	4340	0.26%	0.033%
31	16.715	2331	2334	2336	rVV2	1993	1857	0.11%	0.014%
32	16.792	2343	2347	2350	rVB2	3170	3843	0.23%	0.029%
33	16.862	2355	2359	2361	rBV	1596	1789	0.11%	0.013%
34	16.898	2361	2365	2367	rBV2	1222	1819	0.11%	0.014%

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35	16.974	2373	2378	2384	rBV2	351505	488632	29.34%	3.669%
36	17.080	2388	2396	2405	rBV	820341	1173449	70.47%	8.811%
37	17.203	2413	2417	2421	rVB2	3380	4832	0.29%	0.036%
38	17.262	2424	2427	2431	rVB2	1379	2079	0.12%	0.016%
39	17.368	2441	2445	2449	rBV2	1492	2295	0.14%	0.017%
40	17.456	2457	2460	2464	rVB3	3362	3607	0.22%	0.027%
41	17.586	2477	2482	2488	rBV	13958	18350	1.10%	0.138%
42	17.874	2526	2531	2542	rBV	176971	238811	14.34%	1.793%
43	18.150	2575	2578	2583	rBV3	5605	6609	0.40%	0.050%
44	18.527	2640	2642	2645	rBV4	1911	2729	0.16%	0.020%
45	18.792	2682	2687	2691	rBV	13184	16223	0.97%	0.122%
46	18.892	2699	2704	2706	rBV5	1683	3038	0.18%	0.023%
47	19.015	2721	2725	2728	rBV2	29748	37073	2.23%	0.278%
48	19.162	2746	2750	2763	rVV	142679	203175	12.20%	1.526%
49	19.268	2766	2768	2772	rVV2	8399	10585	0.64%	0.079%
50	19.297	2772	2773	2775	rVB2	2479	1788	0.11%	0.013%
51	19.386	2782	2788	2793	rBV	1255250	1627729	97.75%	12.222%
52	19.421	2793	2794	2798	rVB	22700	20261	1.22%	0.152%
53	19.497	2806	2807	2810	rVB3	3026	2009	0.12%	0.015%
54	19.768	2850	2853	2857	rBV5	3173	4537	0.27%	0.034%
55	19.915	2875	2878	2882	rVB	39275	41778	2.51%	0.314%
56	20.303	2940	2944	2951	rBV8	10652	20018	1.20%	0.150%
57	20.415	2959	2963	2968	rBV2	74146	85150	5.11%	0.639%
58	20.462	2968	2971	2974	rBV3	10439	10709	0.64%	0.080%
59	20.886	3039	3043	3052	rBV2	133839	181499	10.90%	1.363%
60	21.186	3089	3094	3101	rVB	533327	679468	40.81%	5.102%
61	21.321	3113	3117	3121	rBV	139341	140124	8.42%	1.052%
62	21.744	3185	3189	3193	rBV	142470	154797	9.30%	1.162%
63	22.197	3261	3266	3274	rBV	136424	189200	11.36%	1.421%
64	22.680	3345	3348	3353	rVB	118590	161108	9.68%	1.210%
65	23.238	3436	3443	3453	rVB	876943	1665149	100.00%	12.503%
66	23.380	3461	3467	3474	rVB	336744	586992	35.25%	4.408%
67	23.838	3541	3545	3555	rVB	73928	140704	8.45%	1.056%

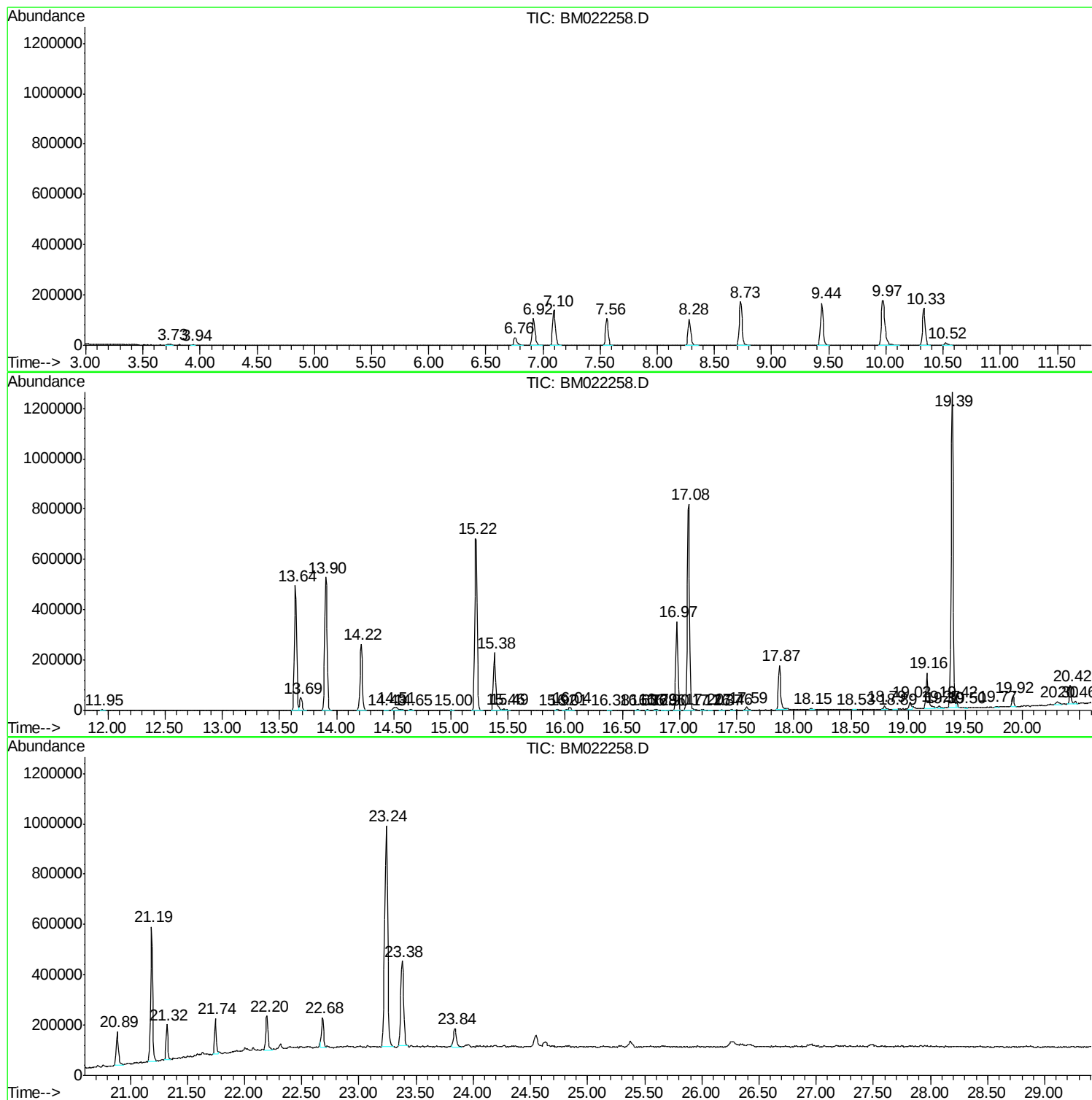
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Quant Title : SVOA CALIBRATION

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



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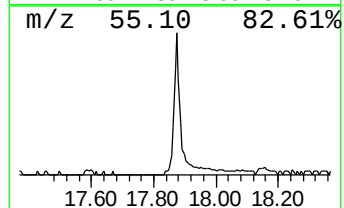
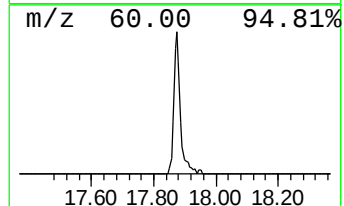
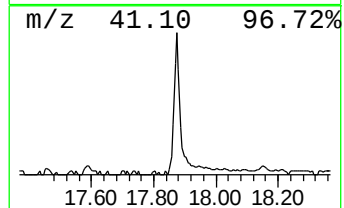
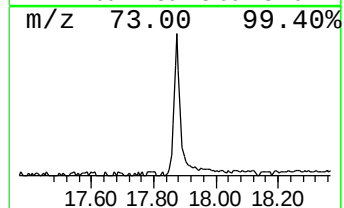
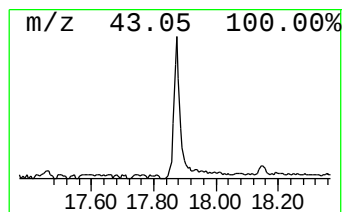
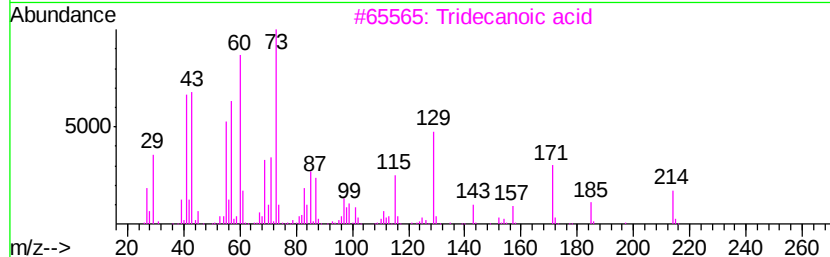
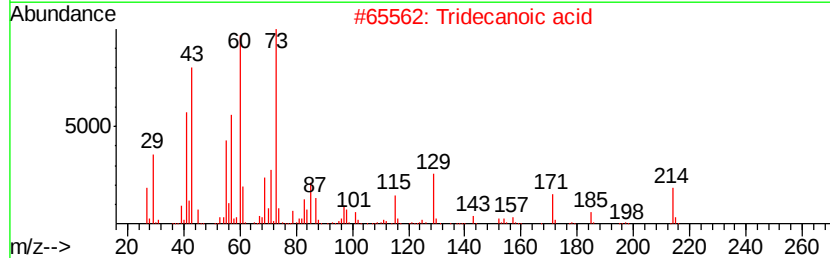
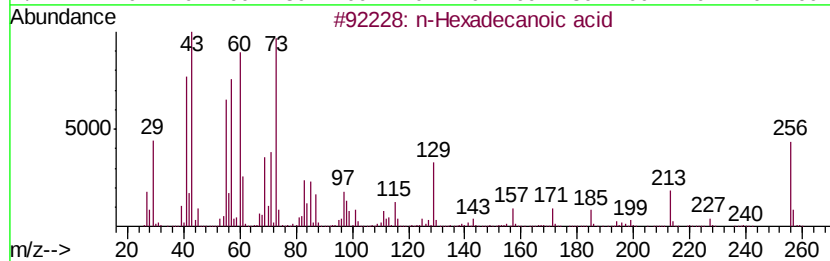
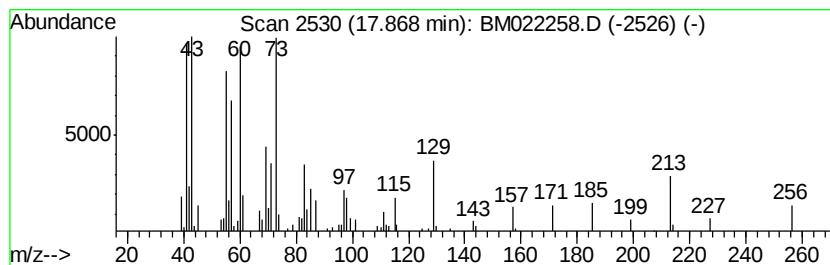
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	9.77 ng/ul	238811	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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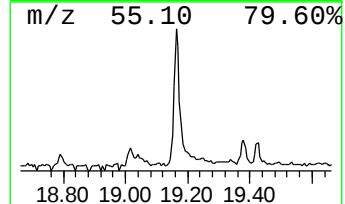
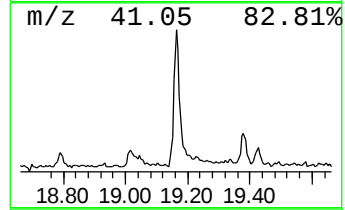
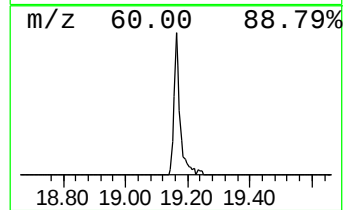
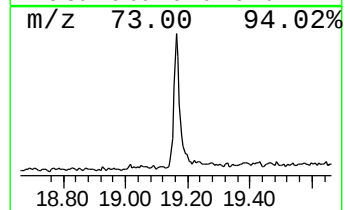
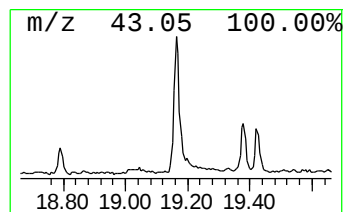
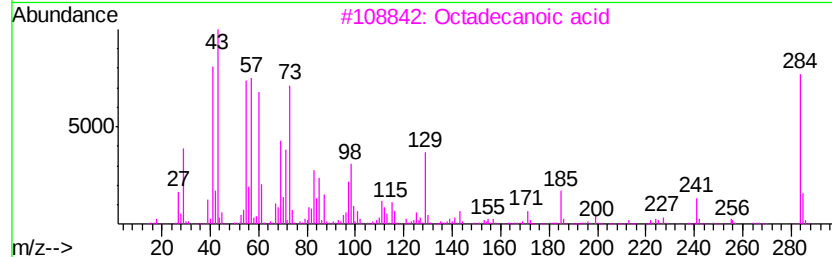
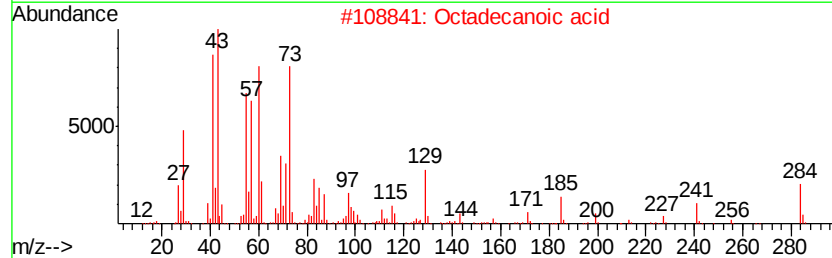
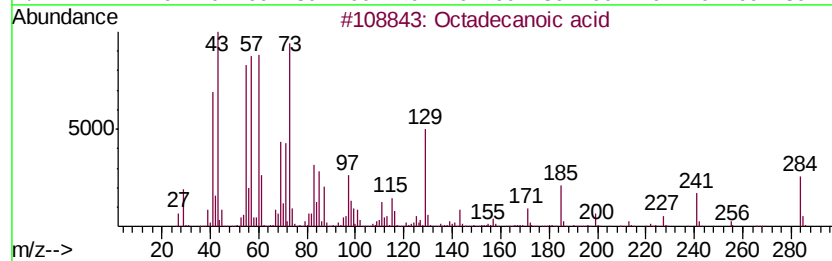
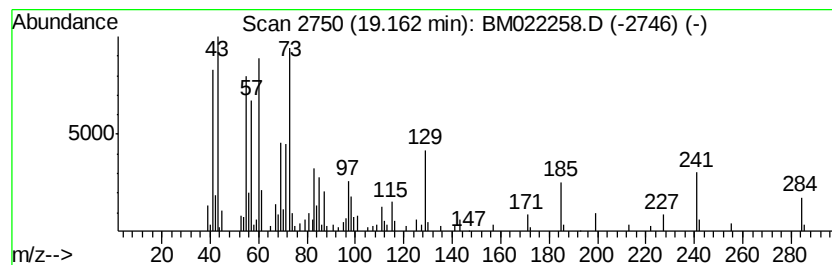
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.16	5.98 ng/ul	203175	Chrysene-d12		21.19	
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	98
3	Octadecanoic acid		284	C18H36O2	000057-11-4	93
4	Octadecanoic acid, 2-(2-hydroxyve...		372	C22H44O4	000106-11-6	91
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	89



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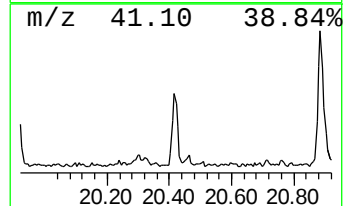
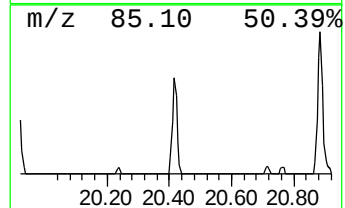
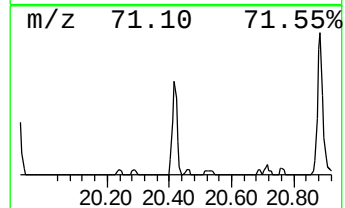
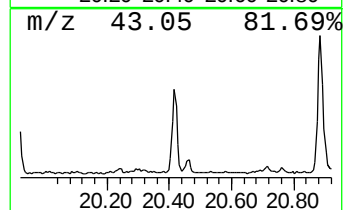
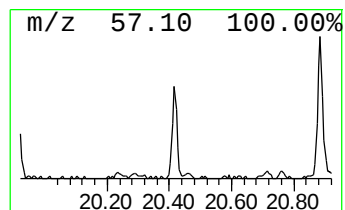
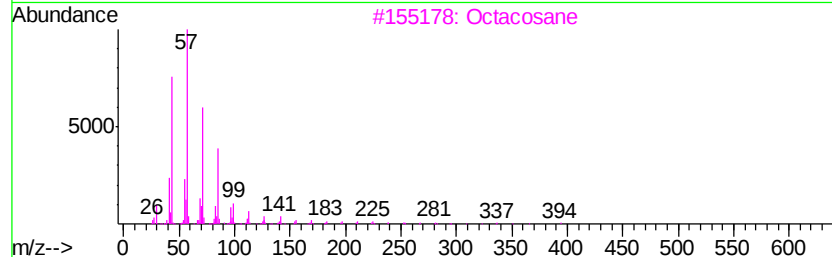
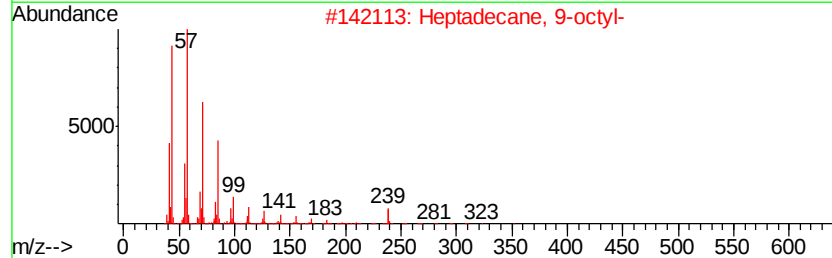
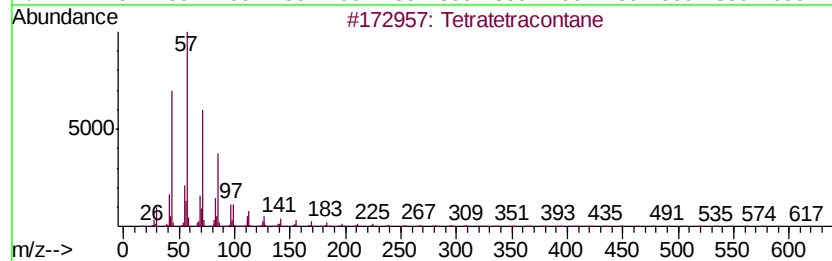
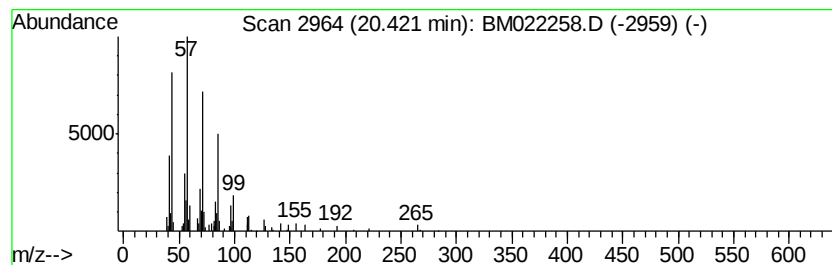
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	2.51 ng/ul	85150	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		Eicosane, 9-octyl-	394	C28H58	013475-77-9	91



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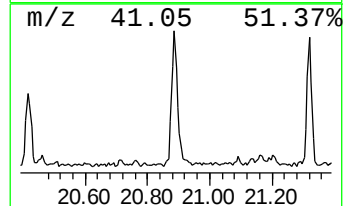
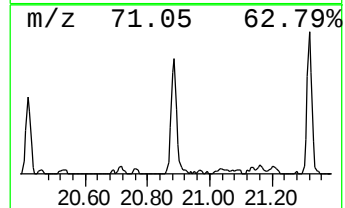
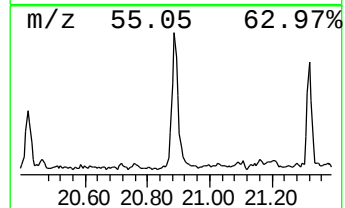
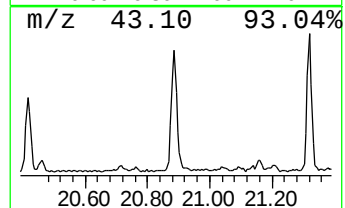
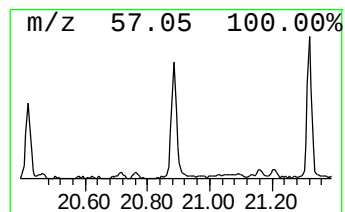
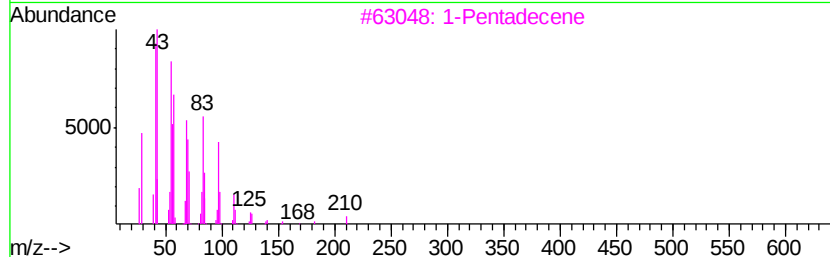
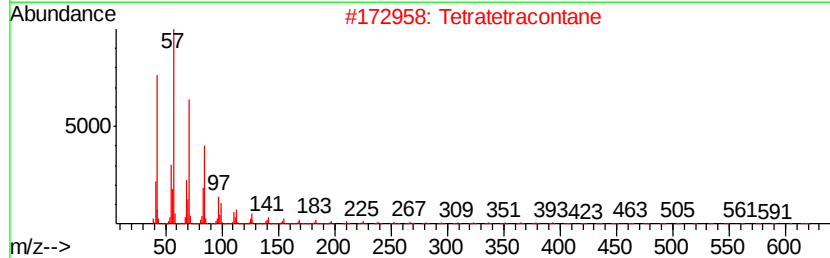
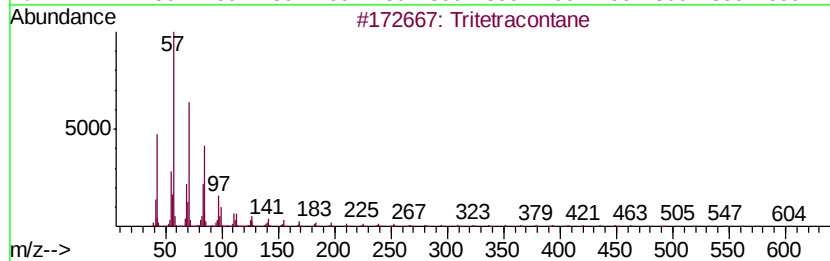
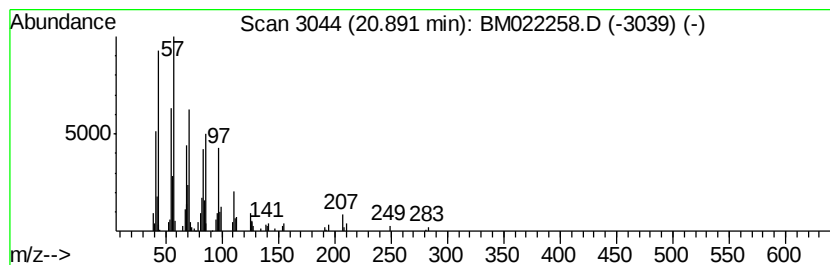
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	5.34 ng/ul	181499	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		1-Pentadecene	210	C15H30	013360-61-7	86
4		Nonadecane	268	C19H40	000629-92-5	76
5		Octacosane	394	C28H58	000630-02-4	68



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ClientSampleId :
C0AC8

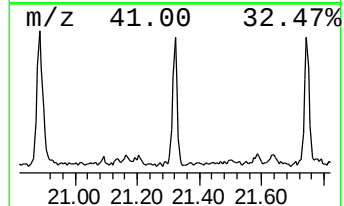
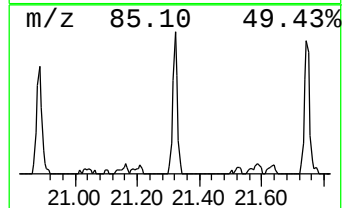
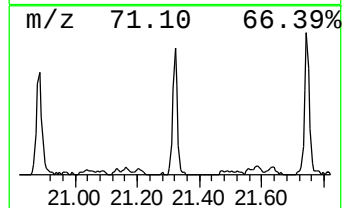
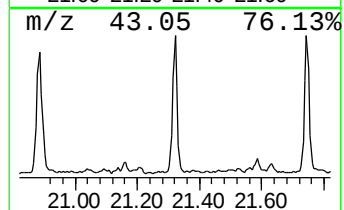
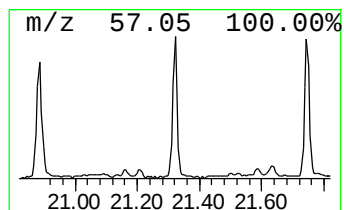
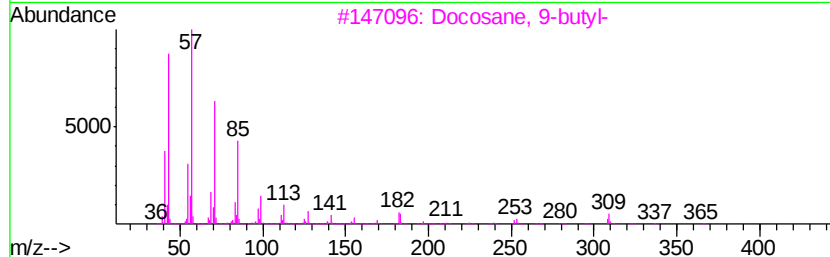
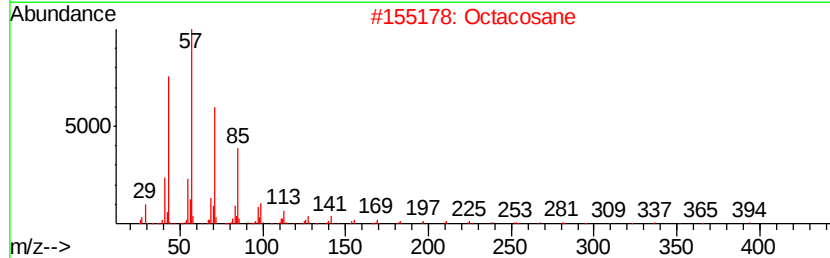
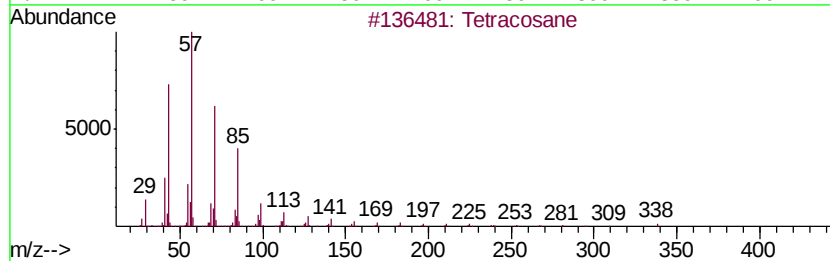
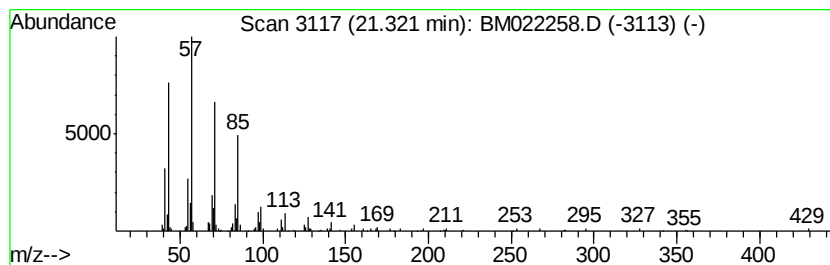
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	4.12 ng/ul	140124	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022258.D
Acq On : 23 Aug 2019 16:22
Operator : HP/JU
Sample : K4337-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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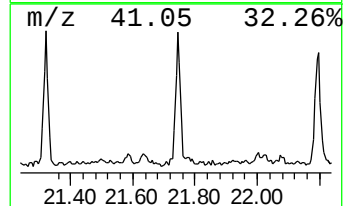
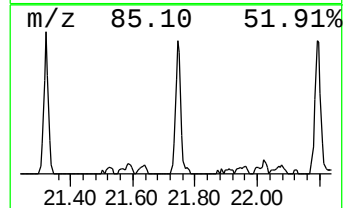
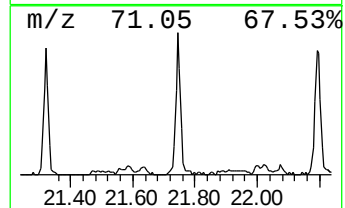
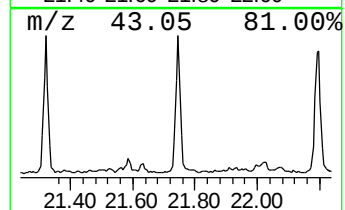
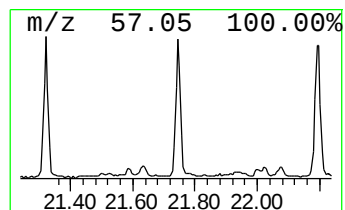
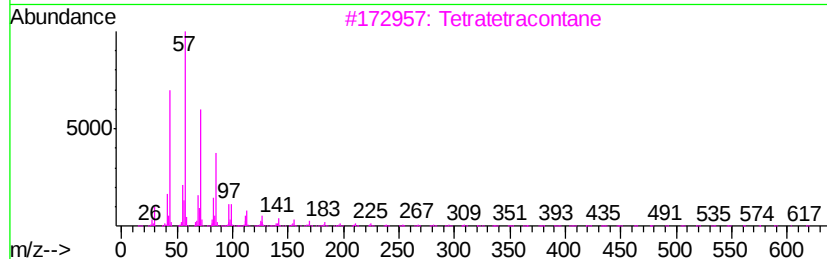
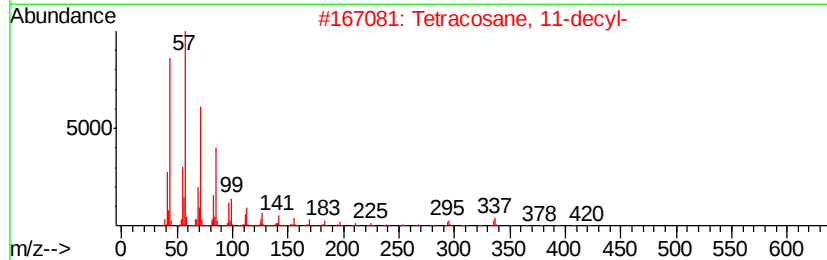
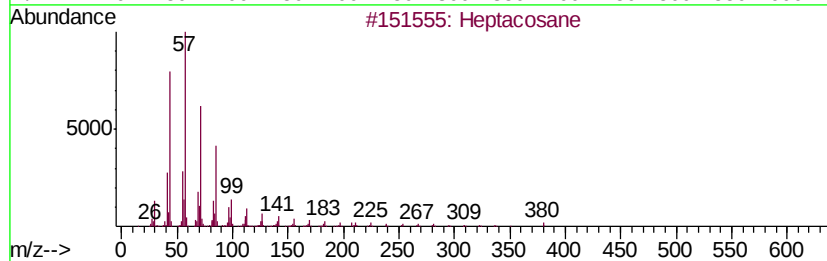
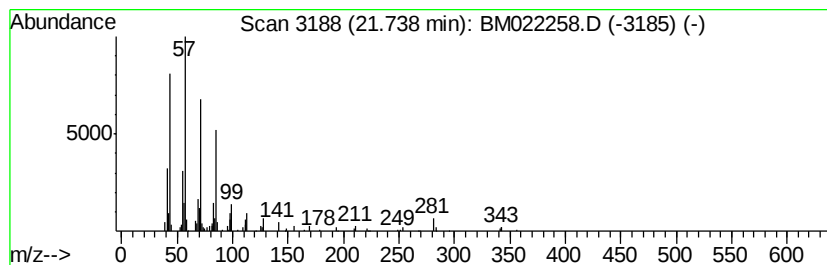
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	4.56 ng/ul	154797	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Hexatriacontane	507	C36H74	000630-06-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022258.D
Acq On : 23 Aug 2019 16:22
Operator : HP/JU
Sample : K4337-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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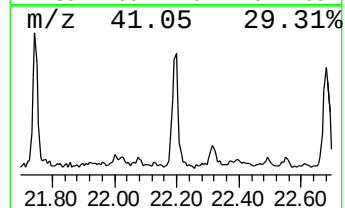
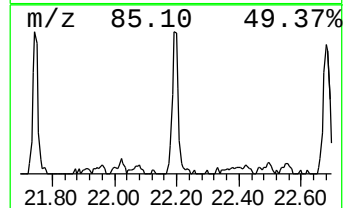
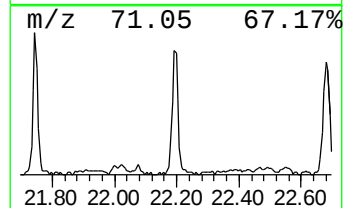
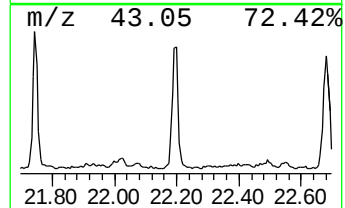
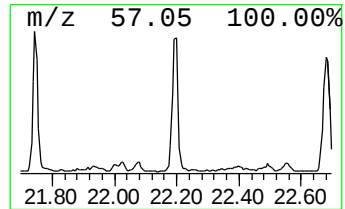
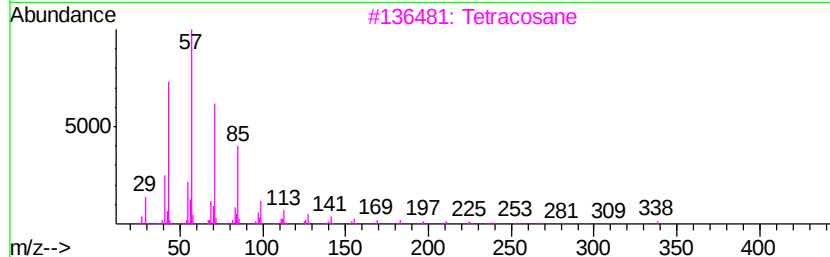
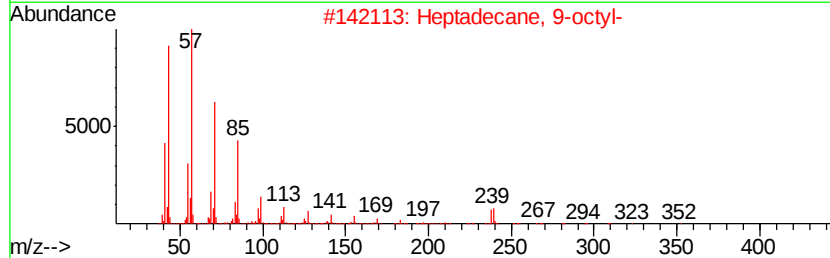
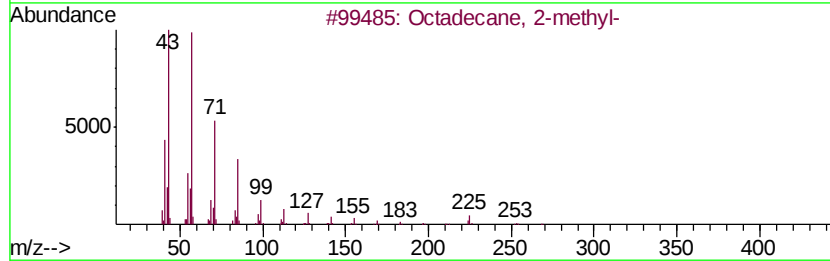
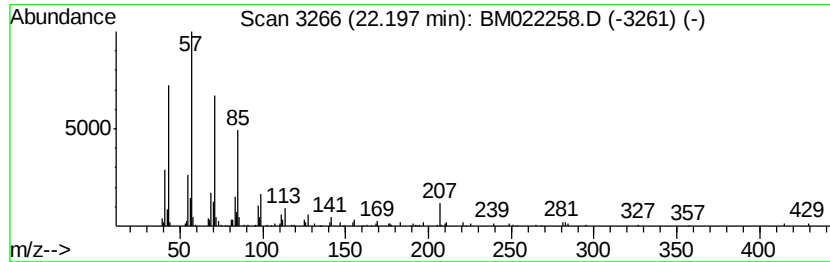
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	5.57 ng/ul	189200	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3			Tetracosane	338	C24H50	000646-31-1	87
4			Octacosane	394	C28H58	000630-02-4	87
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022258.D
Acq On : 23 Aug 2019 16:22
Operator : HP/JU
Sample : K4337-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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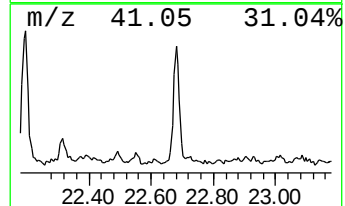
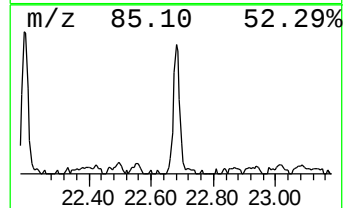
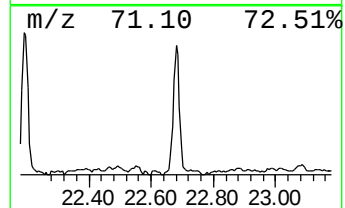
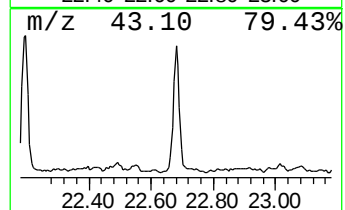
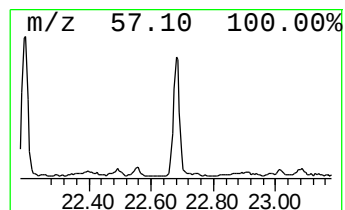
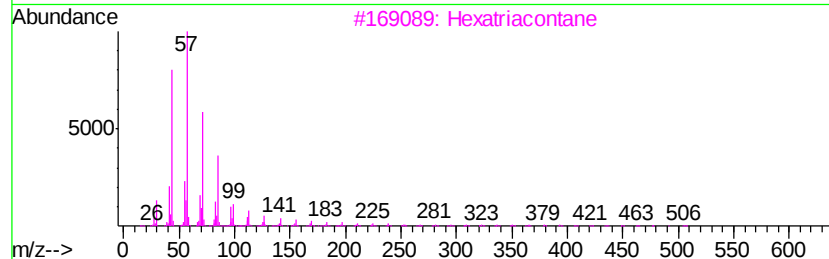
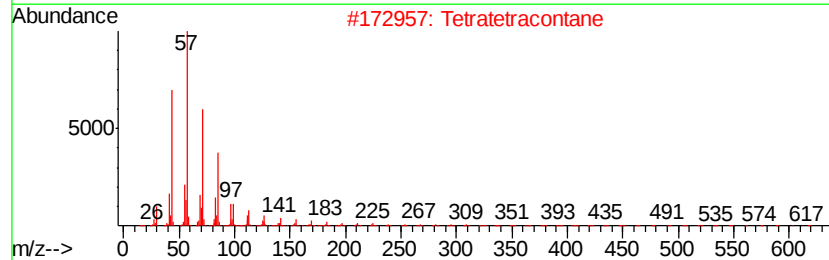
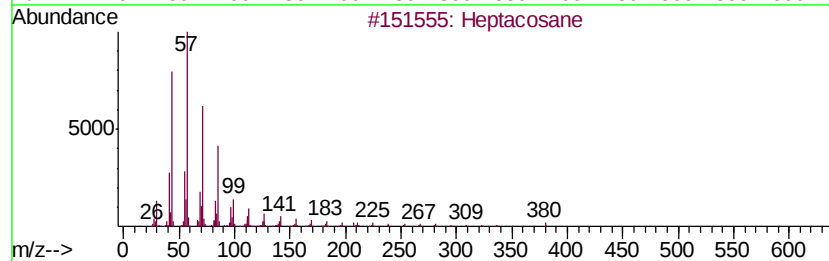
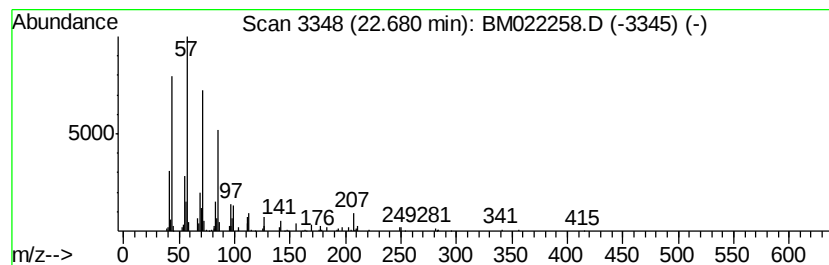
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	5.49 ng/ul	161108	Perylene-d12	23.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	90
2	Tetratetracontane		619	C44H90	007098-22-8	87
3	Hexatriacontane		507	C36H74	000630-06-8	87
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	87
5	Tetratriacontane		479	C34H70	014167-59-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022258.D
Acq On : 23 Aug 2019 16:22
Operator : HP/JU
Sample : K4337-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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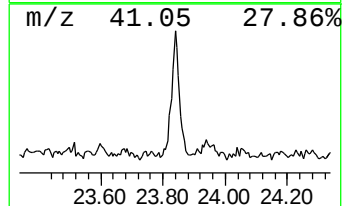
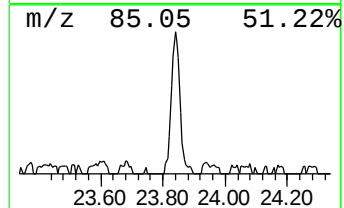
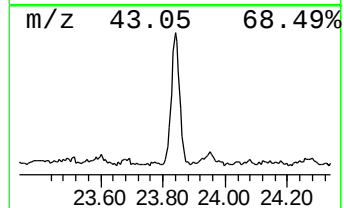
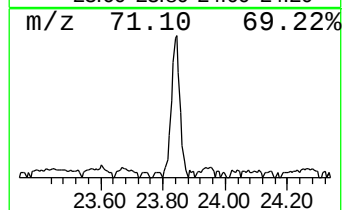
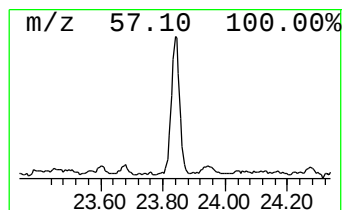
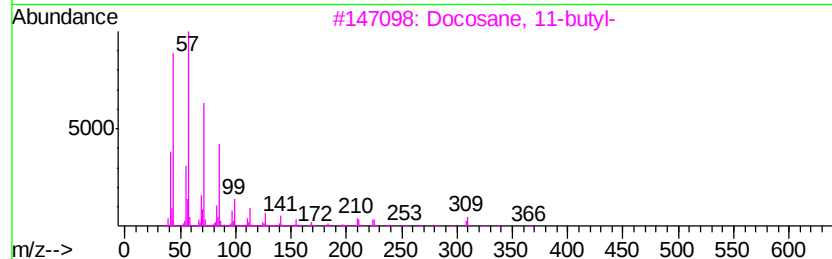
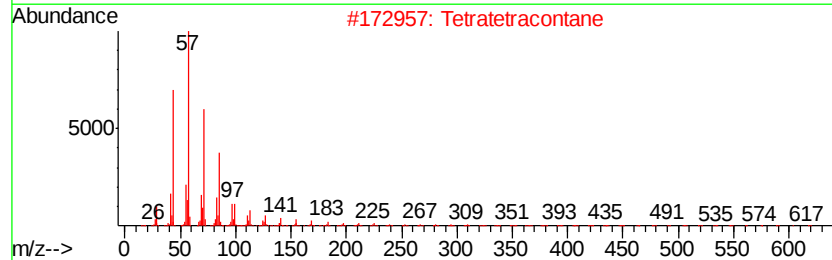
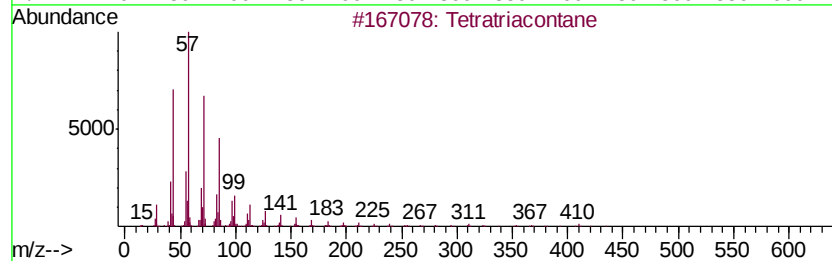
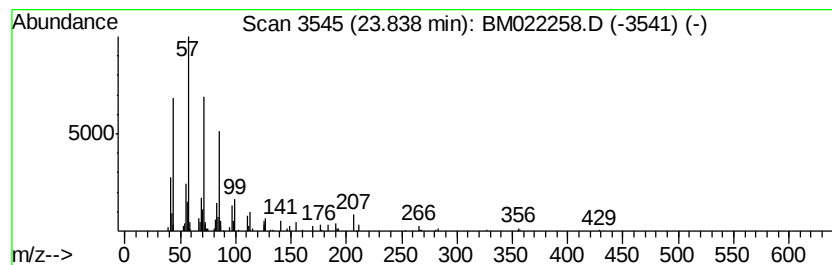
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	4.79 ng/ul	140704	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022258.D
Acq On : 23 Aug 2019 16:22
Operator : HP/JU
Sample : K4337-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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	17.87	9.8	ng/ul	238811	4	16.97	488632	20.0
Octadecanoic acid	19.16	6.0	ng/ul	203175	5	21.19	679468	20.0
(DEL) Alkane: Str...	20.42	2.5	ng/ul	85150	5	21.19	679468	20.0
(DEL) Alkane: Str...	20.89	5.3	ng/ul	181499	5	21.19	679468	20.0
(DEL) Alkane: Str...	21.32	4.1	ng/ul	140124	5	21.19	679468	20.0
(DEL) Alkane: Str...	21.74	4.6	ng/ul	154797	5	21.19	679468	20.0
(DEL) Alkane: Str...	22.20	5.6	ng/ul	189200	5	21.19	679468	20.0
(DEL) Alkane: Str...	22.68	5.5	ng/ul	161108	6	23.38	586992	20.0
(DEL) Alkane: Str...	23.84	4.8	ng/ul	140704	6	23.38	586992	20.0