

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022269.D
 Acq On : 23 Aug 2019 23:08
 Operator : HP/JU
 Sample : K4337-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB8

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	118	126	132	rVB3	3321	6811	0.41%	0.052%
2	6.757	636	641	653	rBB2	29386	57053	3.44%	0.438%
3	6.916	663	668	681	rBV	97847	163906	9.89%	1.258%
4	7.093	693	698	708	rBV	125475	211041	12.73%	1.620%
5	7.557	771	777	786	rBB	120088	187595	11.32%	1.440%
6	8.281	894	900	909	rBV2	96579	163675	9.87%	1.256%
7	8.728	970	976	991	rBV	158017	260311	15.70%	1.998%
8	9.045	1027	1030	1034	rBB	2159	2697	0.16%	0.021%
9	9.439	1091	1097	1108	rBB	144812	240654	14.52%	1.847%
10	9.904	1172	1176	1182	rBV2	2594	5133	0.31%	0.039%
11	9.975	1182	1188	1205	rVV	154852	331677	20.01%	2.545%
12	10.334	1242	1249	1255	rBV	170709	284246	17.15%	2.181%
13	10.528	1278	1282	1292	rBV	5194	10641	0.64%	0.082%
14	11.951	1521	1524	1528	rBB3	1692	2470	0.15%	0.019%
15	13.639	1805	1811	1816	rBV	447166	614483	37.07%	4.716%
16	13.686	1816	1819	1828	rVB	81865	115033	6.94%	0.883%
17	13.904	1850	1856	1872	rBB	462884	691302	41.70%	5.305%
18	14.216	1903	1909	1916	rBB	301589	426120	25.71%	3.270%
19	14.433	1943	1946	1950	rBB	6052	6736	0.41%	0.052%
20	14.504	1954	1958	1971	rBV3	9390	29560	1.78%	0.227%
21	15.216	2073	2079	2093	rBB	617117	883097	53.27%	6.777%
22	15.380	2101	2107	2118	rBV	187086	264465	15.95%	2.030%
23	15.463	2118	2121	2125	rVB	5124	5442	0.33%	0.042%
24	16.004	2211	2213	2217	rBB2	2187	1994	0.12%	0.015%
25	16.715	2330	2334	2336	rBV	2336	2134	0.13%	0.016%
26	16.974	2372	2378	2384	rBV2	413631	561039	33.84%	4.306%
27	17.074	2389	2395	2408	rVV	728174	1046415	63.13%	8.031%
28	17.457	2458	2460	2467	rVB2	3313	3810	0.23%	0.029%
29	17.874	2526	2531	2541	rBV	86086	130309	7.86%	1.000%
30	17.945	2541	2543	2547	rVB3	1053	1808	0.11%	0.014%
31	18.151	2573	2578	2582	rVB2	6617	8075	0.49%	0.062%
32	18.686	2666	2669	2672	rVB2	1776	1954	0.12%	0.015%
33	18.792	2683	2687	2690	rBV	12660	15118	0.91%	0.116%
34	19.015	2721	2725	2728	rBV2	23378	28723	1.73%	0.220%

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Max Peaks: 100
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35	19.098	2737	2739	2741	rVB3	2610	1998	0.12%	0.015%
36	19.121	2741	2743	2745	rBV	1912	2345	0.14%	0.018%
37	19.162	2745	2750	2757	rBV	65525	88995	5.37%	0.683%
38	19.268	2766	2768	2772	rBV	4756	4184	0.25%	0.032%
39	19.333	2777	2779	2781	rBV3	2229	2175	0.13%	0.017%
40	19.386	2781	2788	2793	rBV	1078522	1496693	90.29%	11.487%
41	19.421	2793	2794	2800	rVB2	22258	19803	1.19%	0.152%
42	19.621	2825	2828	2832	rVB	3872	4750	0.29%	0.036%
43	19.915	2874	2878	2882	rVB	56311	57580	3.47%	0.442%
44	20.233	2930	2932	2936	rBV4	3483	5617	0.34%	0.043%
45	20.298	2939	2943	2945	rBV5	12767	17218	1.04%	0.132%
46	20.415	2959	2963	2967	rBV	109111	112725	6.80%	0.865%
47	20.456	2967	2970	2974	rVB4	9264	10857	0.65%	0.083%
48	20.709	3011	3013	3016	rVB4	7751	6484	0.39%	0.050%
49	20.756	3019	3021	3027	rVB6	7390	8561	0.52%	0.066%
50	20.880	3038	3042	3052	rBV2	177595	234369	14.14%	1.799%
51	21.186	3087	3094	3102	rBV	638488	832508	50.22%	6.389%
52	21.315	3112	3116	3122	rBV	174403	190498	11.49%	1.462%
53	21.739	3184	3188	3193	rBV	174110	209481	12.64%	1.608%
54	22.192	3261	3265	3273	rVB	167181	212256	12.80%	1.629%
55	22.680	3343	3348	3352	rVB	137879	188655	11.38%	1.448%
56	23.239	3435	3443	3453	rBV	888917	1657676	100.00%	12.722%
57	23.380	3460	3467	3473	rBV	403071	735906	44.39%	5.648%
58	23.833	3540	3544	3552	rVB	91506	163141	9.84%	1.252%

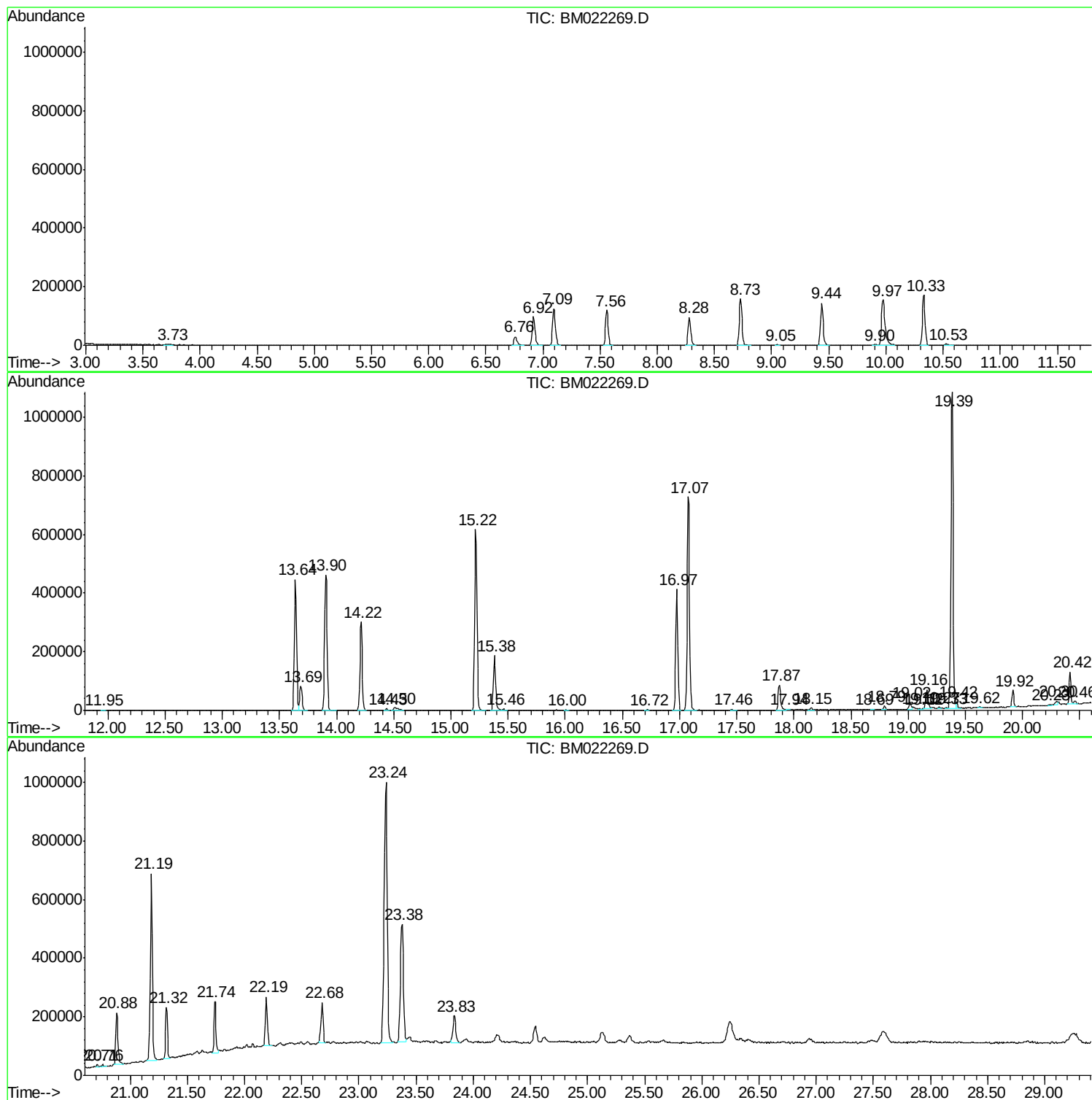
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



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Sample : K4337-20
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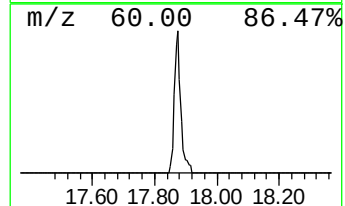
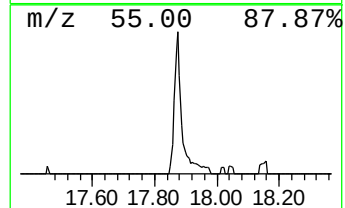
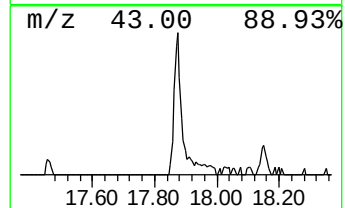
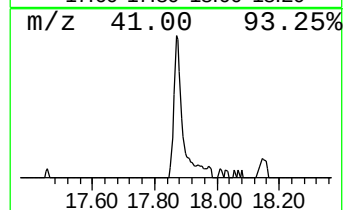
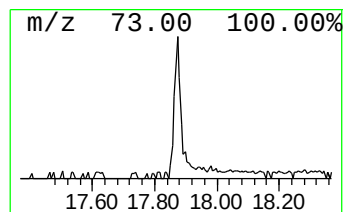
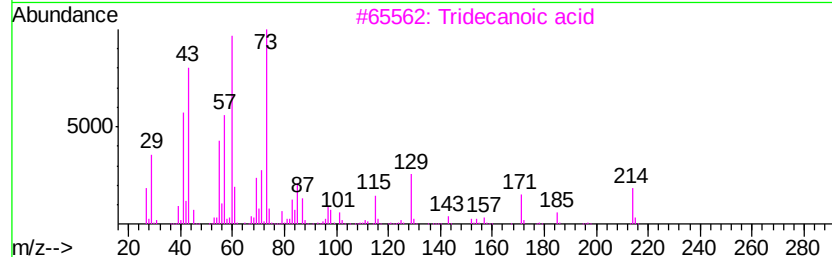
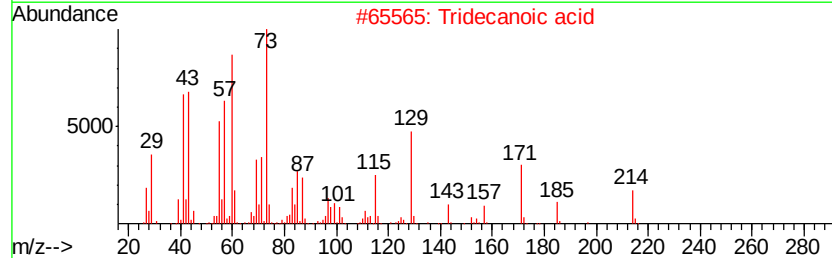
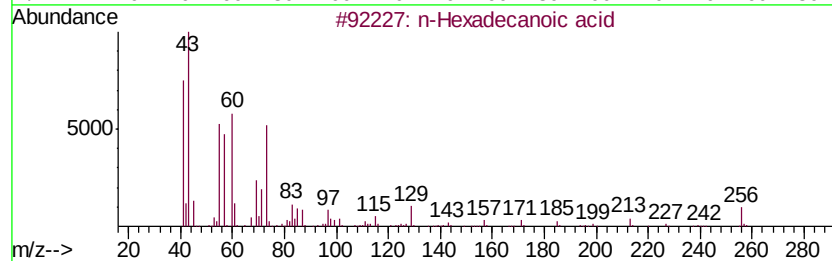
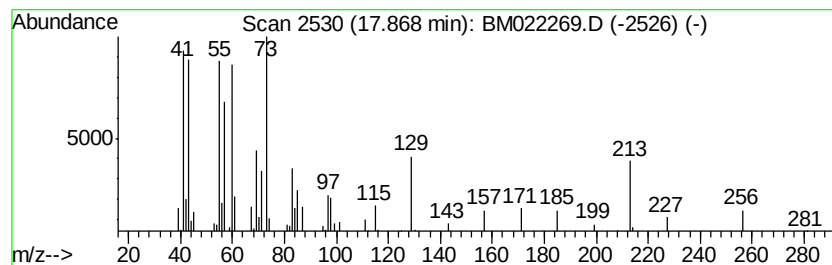
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.87	4.65 ng/ul	130309	Phenanthrene-d10	16.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53



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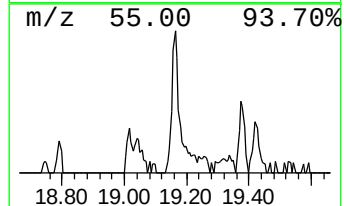
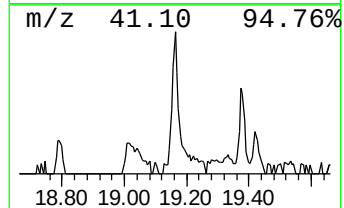
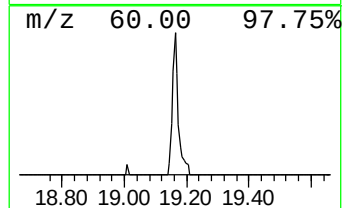
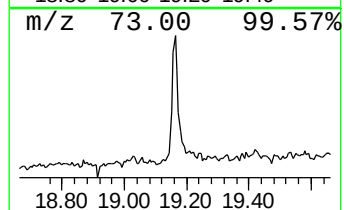
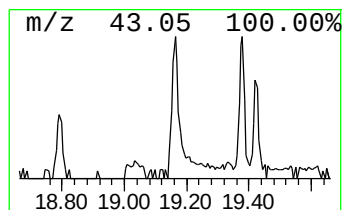
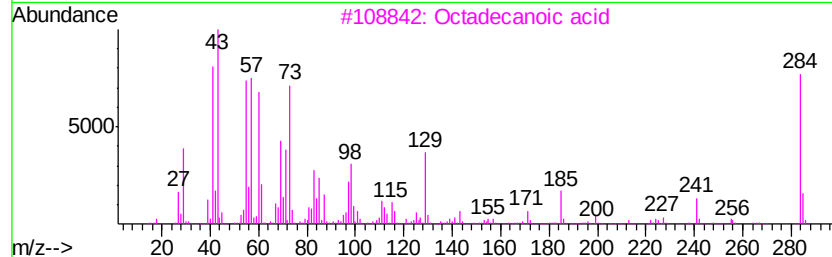
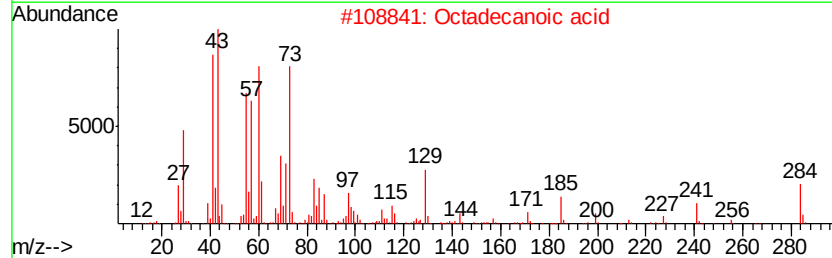
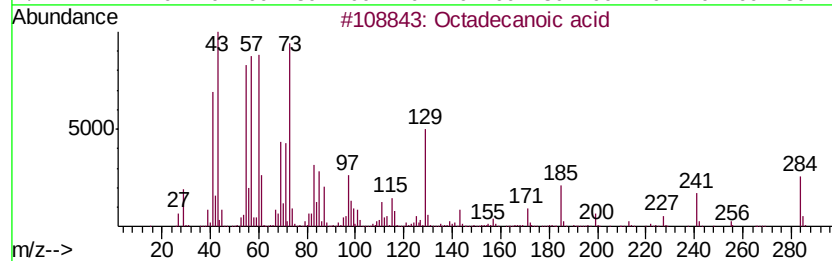
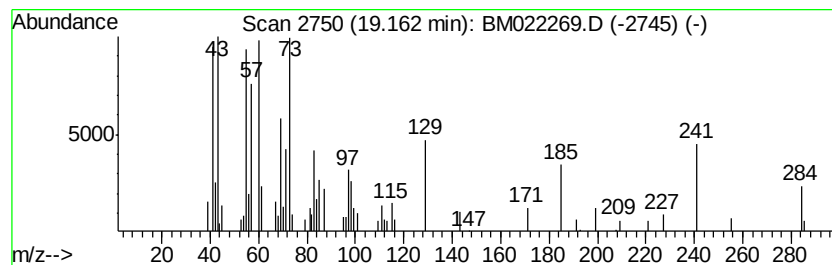
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.14 ng/ul	88995	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	97
3	Octadecanoic acid	284 C18H36O2	000057-11-4	95
4	Octadecanoic acid	284 C18H36O2	000057-11-4	89
5	Octadecanoic acid, 2-(2-hydroxy...	372 C22H44O4	000106-11-6	64



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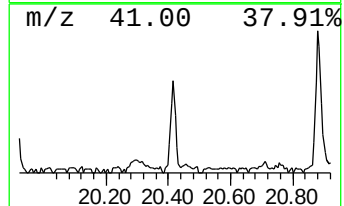
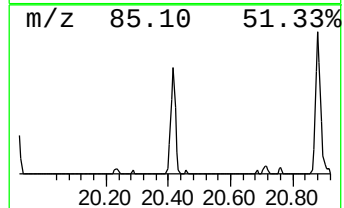
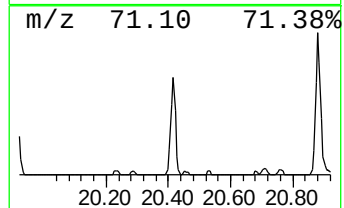
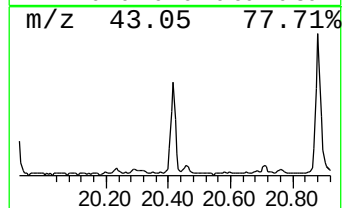
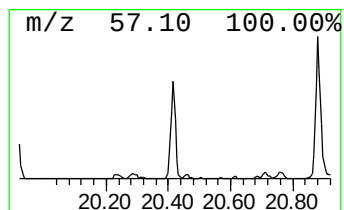
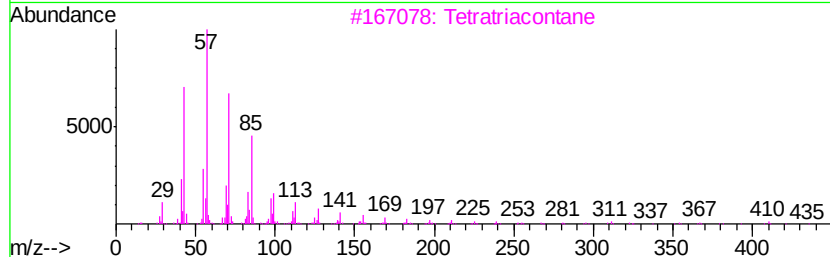
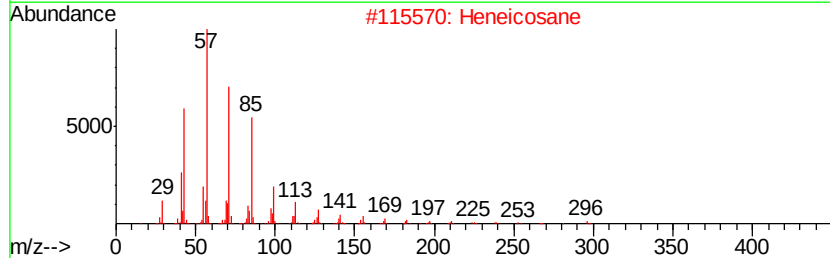
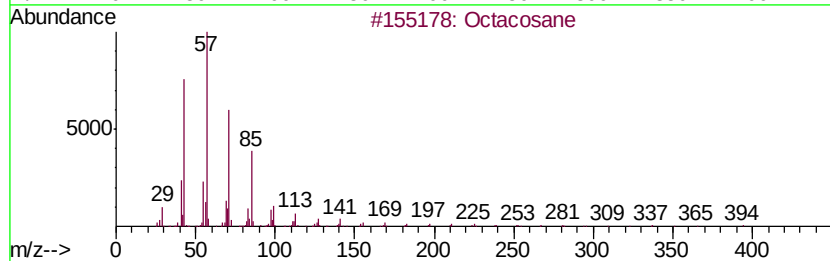
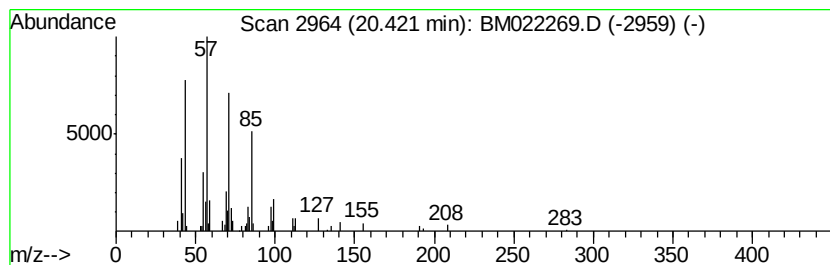
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	2.71 ng/ul	112725	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



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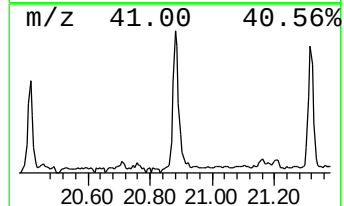
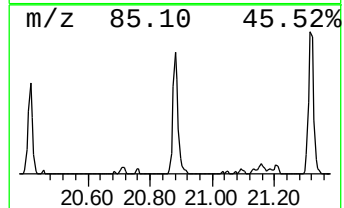
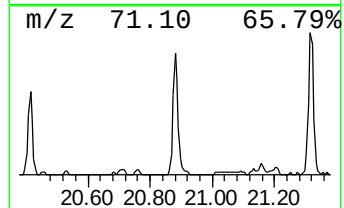
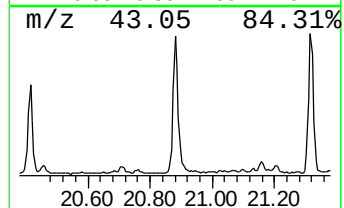
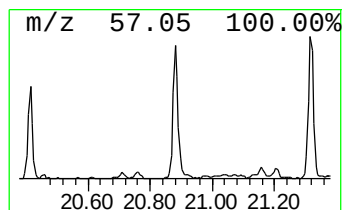
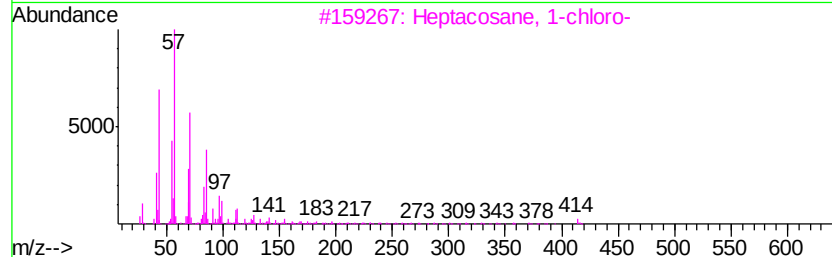
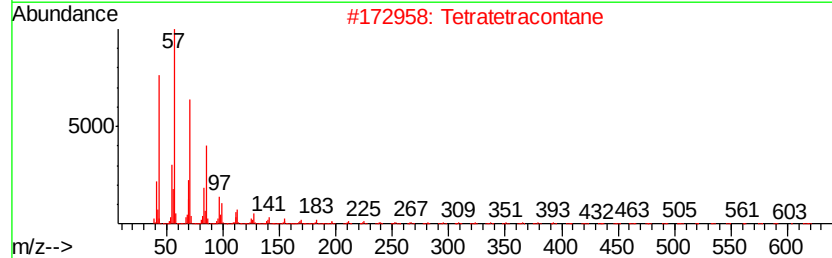
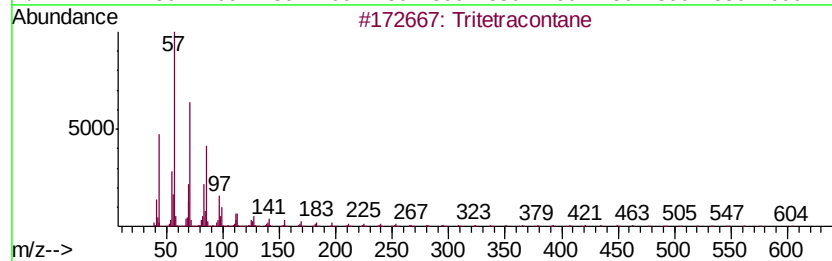
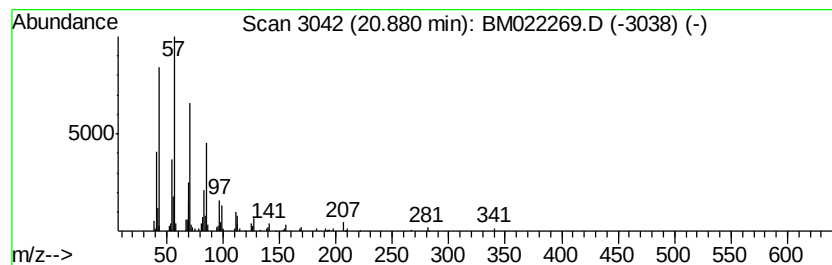
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	5.63 ng/ul	234369	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	91
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
4		10-Methylnonadecane	282	C20H42	056862-62-5	83
5		Octacosane	394	C28H58	000630-02-4	81



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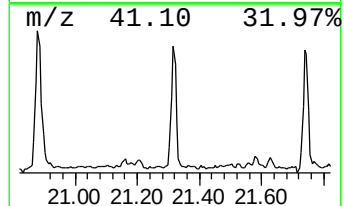
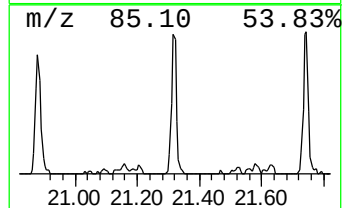
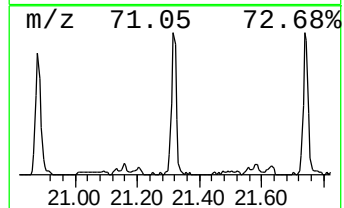
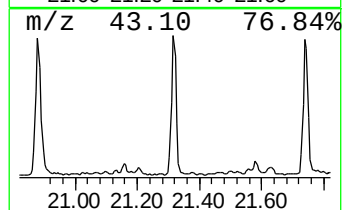
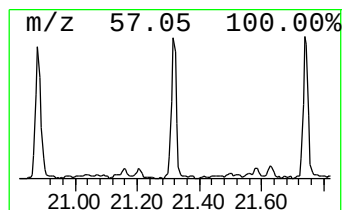
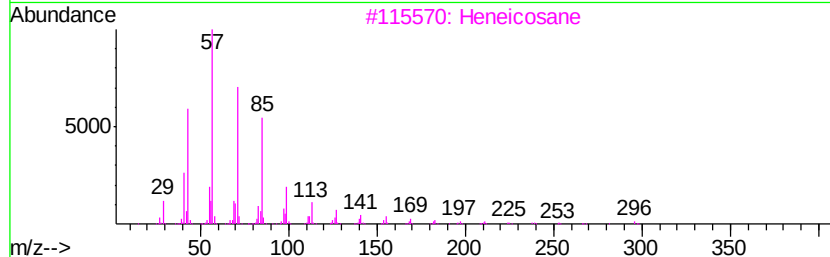
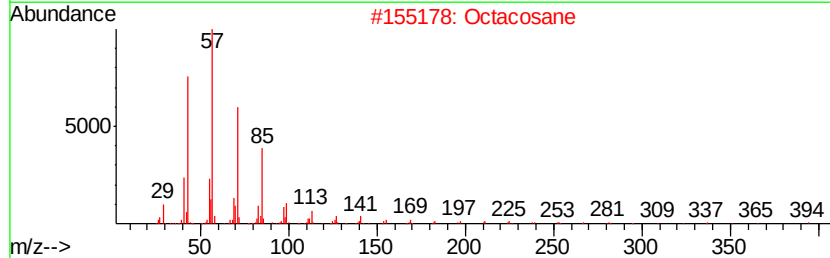
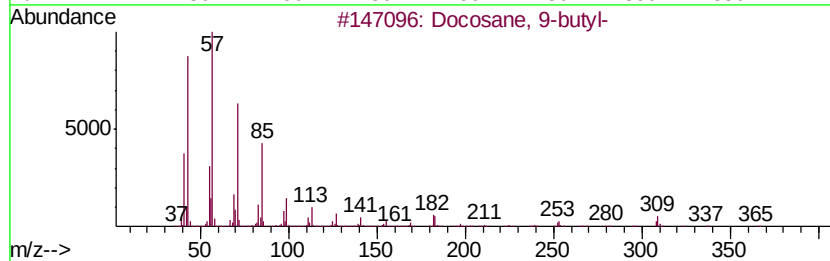
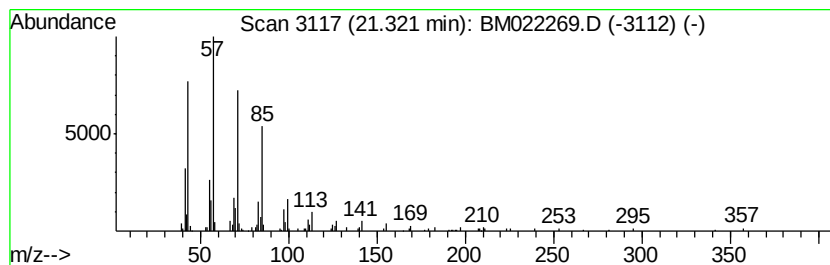
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.32	4.58 ng/ul	190498	Chrysene-d12		21.19
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022269.D
Acq On : 23 Aug 2019 23:08
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

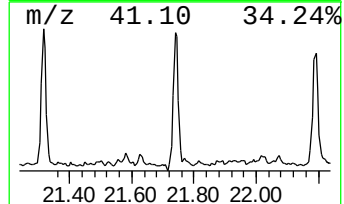
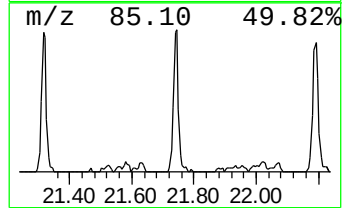
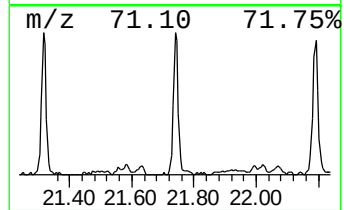
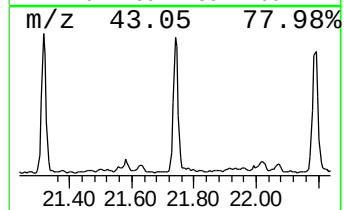
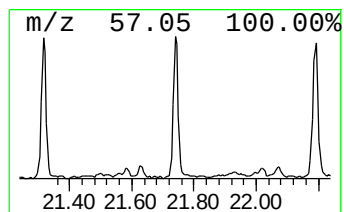
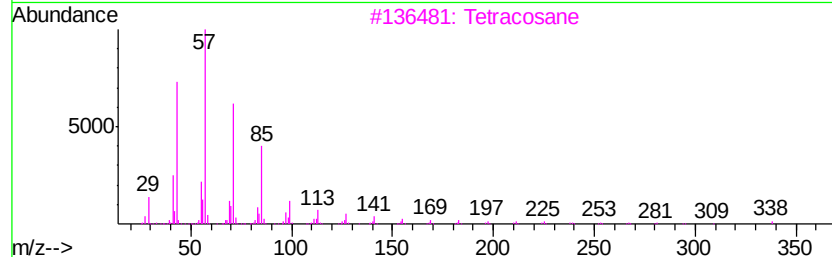
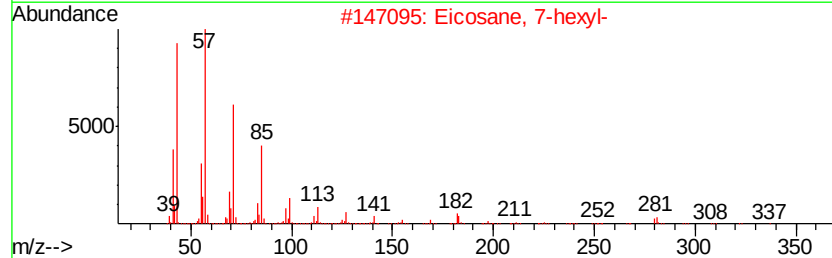
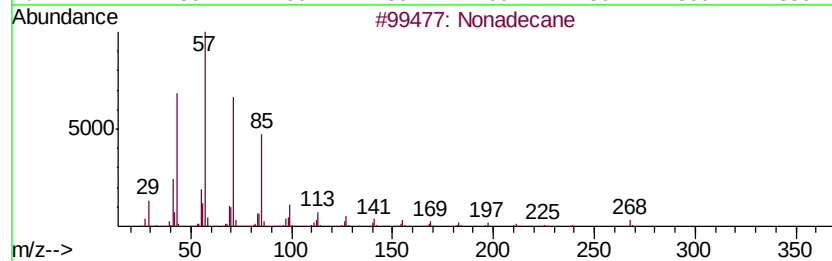
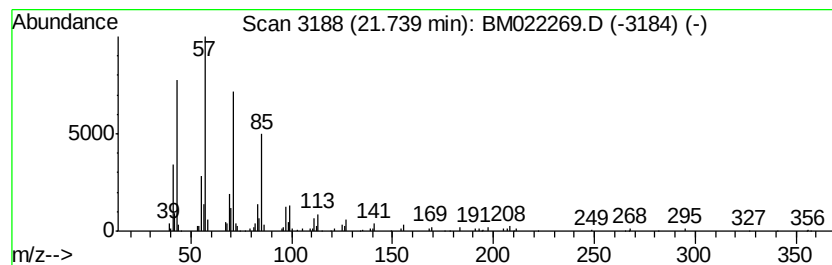
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.74	5.03 ng/ul	209481	Chrysene-d12		21.19
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
5	Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022269.D
Acq On : 23 Aug 2019 23:08
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

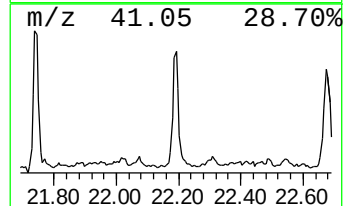
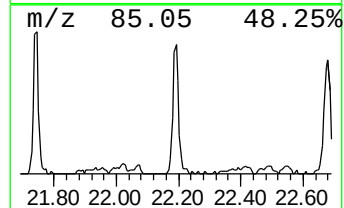
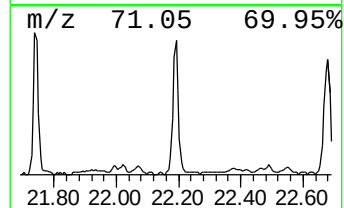
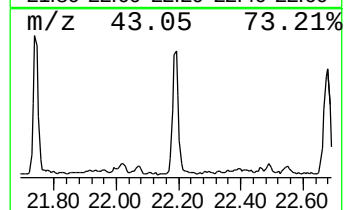
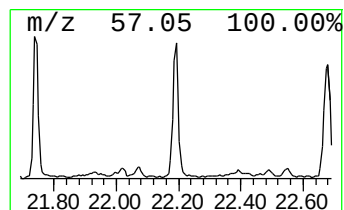
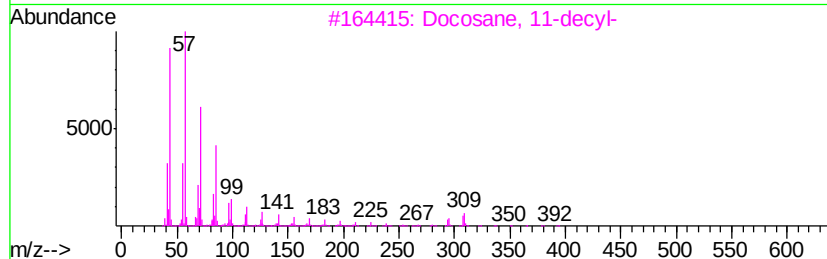
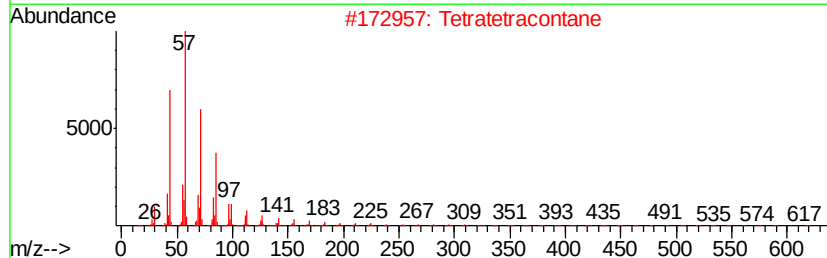
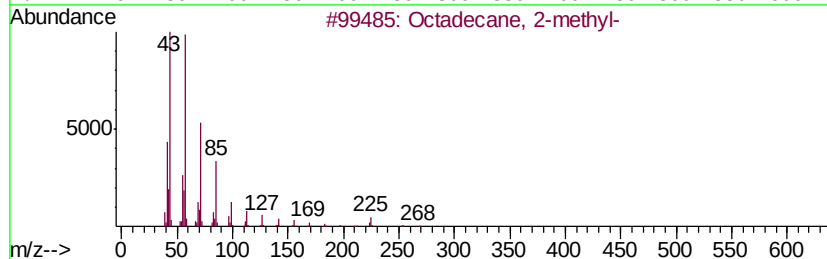
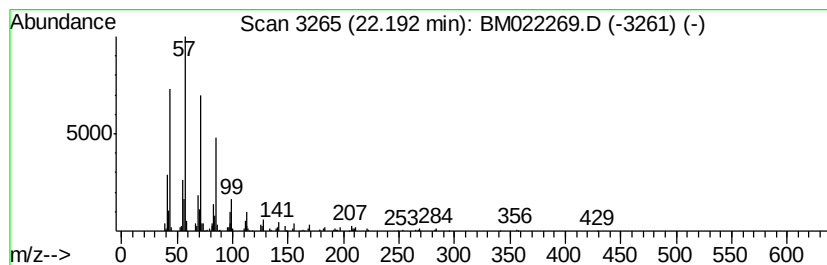
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	5.10 ng/ul	212256	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecane, 2-methyl-	268 C19H40	001560-88-9 94
2		Tetratetracontane	619 C44H90	007098-22-8 91
3		Docosane, 11-decyl-	451 C32H66	055401-55-3 91
4		Heptacosane	380 C27H56	000593-49-7 91
5		Octacosane	394 C28H58	000630-02-4 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022269.D
Acq On : 23 Aug 2019 23:08
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB8

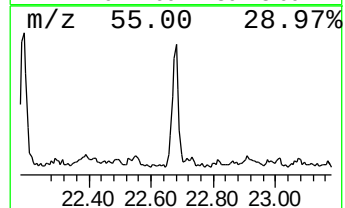
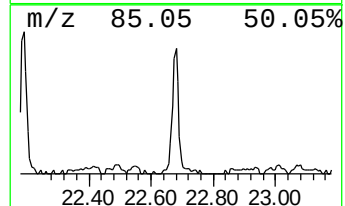
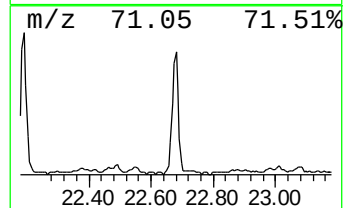
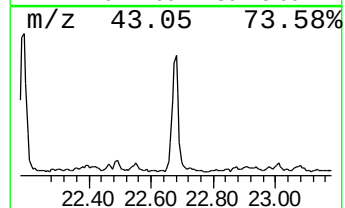
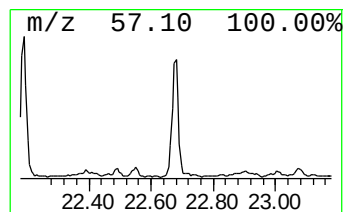
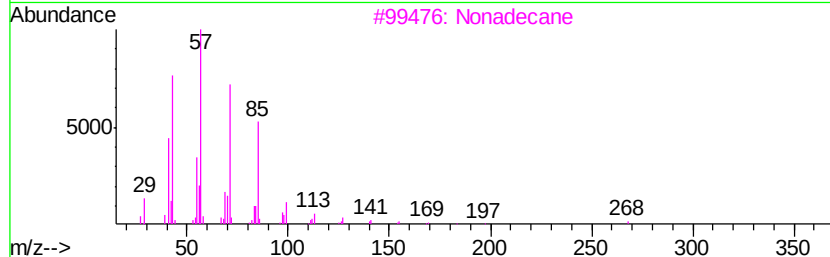
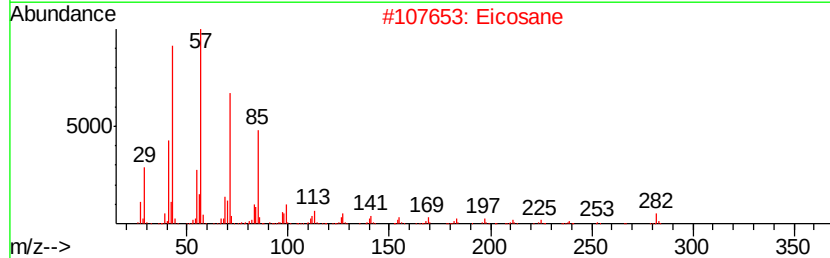
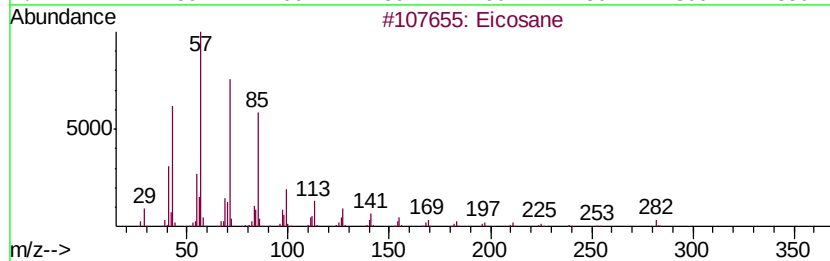
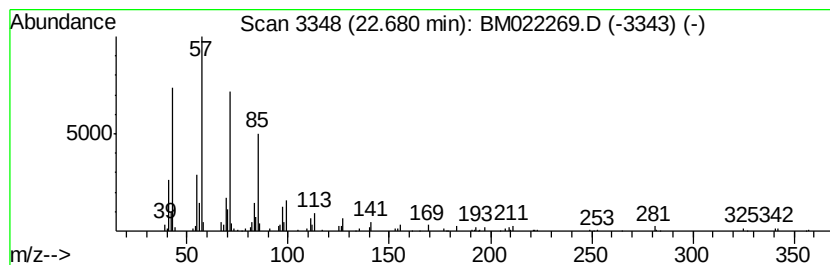
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	5.13 ng/ul	188655	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane	282	C20H42	000112-95-8	90
3		Nonadecane	268	C19H40	000629-92-5	90
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022269.D
Acq On : 23 Aug 2019 23:08
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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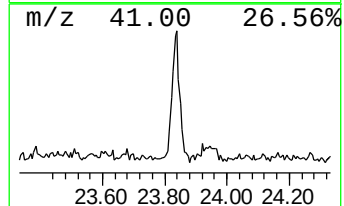
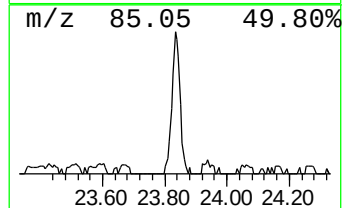
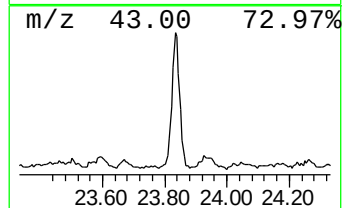
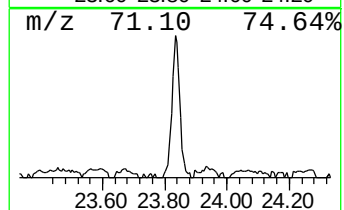
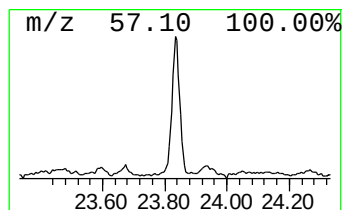
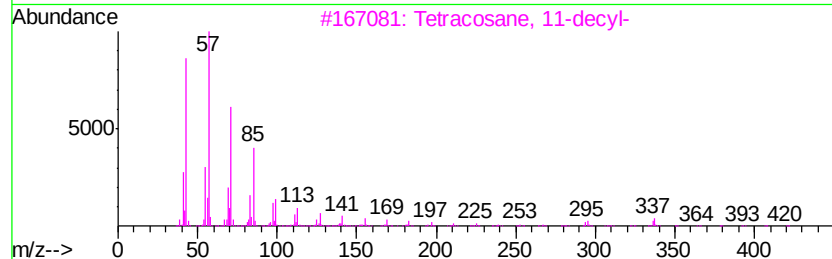
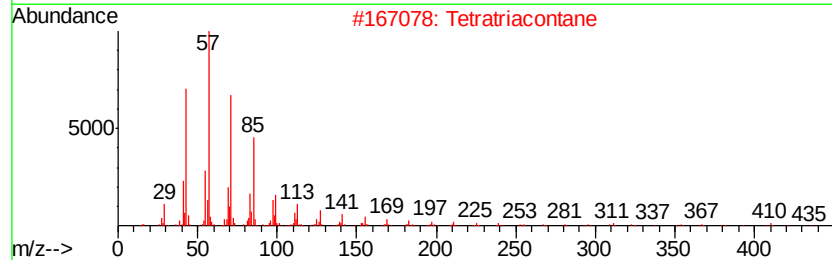
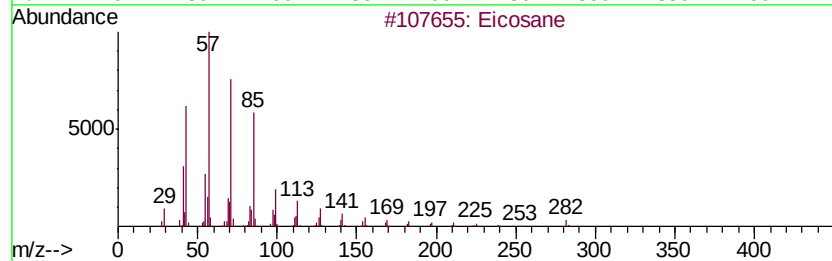
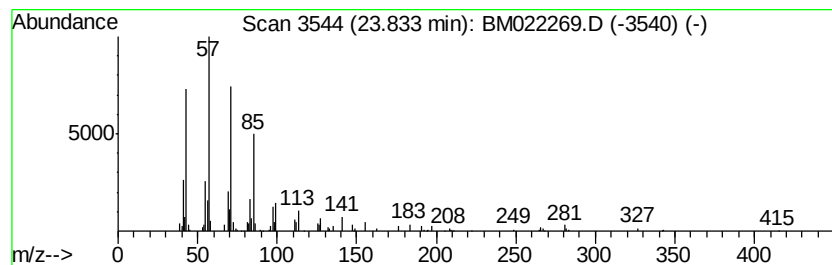
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	4.43 ng/ul	163141	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022269.D
Acq On : 23 Aug 2019 23:08
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 22 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	4.7	ng/ul	130309	4	16.97	561039	20.0
Octadecanoic acid	19.16	2.1	ng/ul	88995	5	21.19	832508	20.0
(DEL) Alkane: Str...	20.42	2.7	ng/ul	112725	5	21.19	832508	20.0
(DEL) Alkane: Str...	20.88	5.6	ng/ul	234369	5	21.19	832508	20.0
(DEL) Alkane: Str...	21.32	4.6	ng/ul	190498	5	21.19	832508	20.0
(DEL) Alkane: Str...	21.74	5.0	ng/ul	209481	5	21.19	832508	20.0
(DEL) Alkane: Str...	22.19	5.1	ng/ul	212256	5	21.19	832508	20.0
(DEL) Alkane: Str...	22.68	5.1	ng/ul	188655	6	23.38	735906	20.0
(DEL) Alkane: Str...	23.83	4.4	ng/ul	163141	6	23.38	735906	20.0