

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
 Data File : BM021715.D
 Acq On : 30 Jul 2019 04:16
 Operator : HP/JU
 Sample : K3922-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52F0

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-BM072619MA.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	6.857	653	658	667	rVB	281497	489287	14.35%	1.242%
2	7.028	682	687	698	rVB	220296	366408	10.74%	0.930%
3	7.210	713	718	726	rVB	332708	526658	15.44%	1.337%
4	7.675	792	797	804	rVB	576221	886549	25.99%	2.251%
5	8.386	912	918	925	rBV	346579	579045	16.98%	1.470%
6	8.839	990	995	1007	rVB	306651	524344	15.37%	1.331%
7	9.557	1111	1117	1128	rVB	238098	394981	11.58%	1.003%
8	10.086	1201	1207	1224	rVB	368795	696867	20.43%	1.770%
9	10.457	1263	1270	1279	rVB	769624	1256228	36.83%	3.190%
10	10.616	1291	1297	1320	rVB	207565	492762	14.45%	1.251%
11	12.063	1539	1543	1549	rVB3	4995	8386	0.25%	0.021%
12	13.739	1821	1828	1833	rBV	750091	1060381	31.09%	2.693%
13	13.786	1833	1836	1845	rVB	271016	388271	11.38%	0.986%
14	14.016	1867	1875	1887	rBV	910199	1308077	38.35%	3.322%
15	14.321	1921	1927	1935	rBV	1189486	1680364	49.27%	4.267%
16	14.380	1935	1937	1942	rVB2	5948	7975	0.23%	0.020%
17	14.563	1962	1968	1986	rBV	74074	184515	5.41%	0.469%
18	14.745	1994	1999	2000	rBV4	10294	12585	0.37%	0.032%
19	14.768	2001	2003	2010	rVB5	13181	18125	0.53%	0.046%
20	15.321	2090	2097	2104	rBV	1190867	1653673	48.49%	4.199%
21	15.380	2104	2107	2111	rVB	10315	12637	0.37%	0.032%
22	15.463	2116	2121	2133	rVV	138194	205929	6.04%	0.523%
23	15.563	2133	2138	2141	rVB3	8558	12007	0.35%	0.030%
24	16.486	2291	2295	2302	rBV3	4501	7061	0.21%	0.018%
25	16.745	2335	2339	2344	rBV2	4959	8084	0.24%	0.021%
26	16.898	2361	2365	2370	rVB	8246	12352	0.36%	0.031%
27	17.074	2389	2395	2399	rBV2	1357391	1936159	56.77%	4.916%
28	17.115	2399	2402	2407	rVV	320928	434362	12.74%	1.103%
29	17.174	2407	2412	2423	rVV	1273888	1797851	52.71%	4.565%
30	17.292	2427	2432	2436	rVB2	6688	11434	0.34%	0.029%
31	17.357	2441	2443	2448	rVB2	3306	3864	0.11%	0.010%
32	17.498	2462	2467	2474	rBV	25082	36091	1.06%	0.092%
33	17.668	2492	2496	2500	rBV4	4147	7253	0.21%	0.018%
34	17.845	2523	2526	2531	rBV4	4129	4082	0.12%	0.010%

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35	17.968	2540	2547	2551	rBV2	306090	468228	13.73%	1.189%
36	18.151	2572	2578	2582	rBV3	43535	69837	2.05%	0.177%
37	18.321	2605	2607	2611	rVB6	4158	3756	0.11%	0.010%
38	18.456	2626	2630	2635	rBV	21204	29161	0.86%	0.074%
39	18.509	2635	2639	2645	rVV2	62354	87150	2.56%	0.221%
40	18.756	2678	2681	2683	rBV2	4501	4379	0.13%	0.011%
41	18.874	2696	2701	2702	rBV3	10441	14566	0.43%	0.037%
42	18.921	2707	2709	2714	rVB5	8974	13004	0.38%	0.033%
43	19.021	2723	2726	2732	rVB2	15831	22903	0.67%	0.058%
44	19.139	2737	2746	2752	rBV	958541	1253658	36.76%	3.183%
45	19.256	2761	2766	2778	rBV2	261602	464029	13.61%	1.178%
46	19.474	2797	2803	2806	rBV	1828501	2562105	75.12%	6.506%
47	19.503	2806	2808	2816	rVB	738990	834873	24.48%	2.120%
48	19.574	2817	2820	2828	rVB2	26733	42432	1.24%	0.108%
49	19.686	2836	2839	2844	rVB	32942	44788	1.31%	0.114%
50	19.827	2859	2863	2865	rBV2	27407	43473	1.27%	0.110%
51	19.892	2872	2874	2879	rBV2	11821	16178	0.47%	0.041%
52	20.003	2884	2893	2899	rVB2	94967	185064	5.43%	0.470%
53	20.103	2906	2910	2914	rBV2	48642	59773	1.75%	0.152%
54	20.162	2917	2920	2923	rVB	33185	42675	1.25%	0.108%
55	20.509	2976	2979	2983	rVB3	32953	38745	1.14%	0.098%
56	20.756	3018	3021	3025	rVB	54998	67620	1.98%	0.172%
57	20.915	3044	3048	3051	rBV3	81589	109608	3.21%	0.278%
58	20.974	3052	3058	3066	rVV5	175262	401763	11.78%	1.020%
59	21.268	3101	3108	3112	rBV2	2158437	3074691	90.15%	7.808%
60	21.303	3112	3114	3124	rVB	446180	526784	15.45%	1.338%
61	21.409	3128	3132	3140	rVV3	242868	336270	9.86%	0.854%
62	21.839	3201	3205	3208	rBV	492560	543687	15.94%	1.381%
63	22.297	3279	3283	3289	rBV	755472	949128	27.83%	2.410%
64	22.797	3364	3368	3372	rBV	889765	1404681	41.19%	3.567%
65	23.309	3451	3455	3458	rBV	209415	336127	9.86%	0.854%
66	23.356	3458	3463	3469	rVV	2026389	3410624	100.00%	8.661%
67	23.503	3481	3488	3494	rBV	1421010	2619315	76.80%	6.651%
68	23.997	3566	3572	3583	rVB	866105	1644677	48.22%	4.176%
69	24.727	3692	3696	3705	rVB	308957	630836	18.50%	1.602%

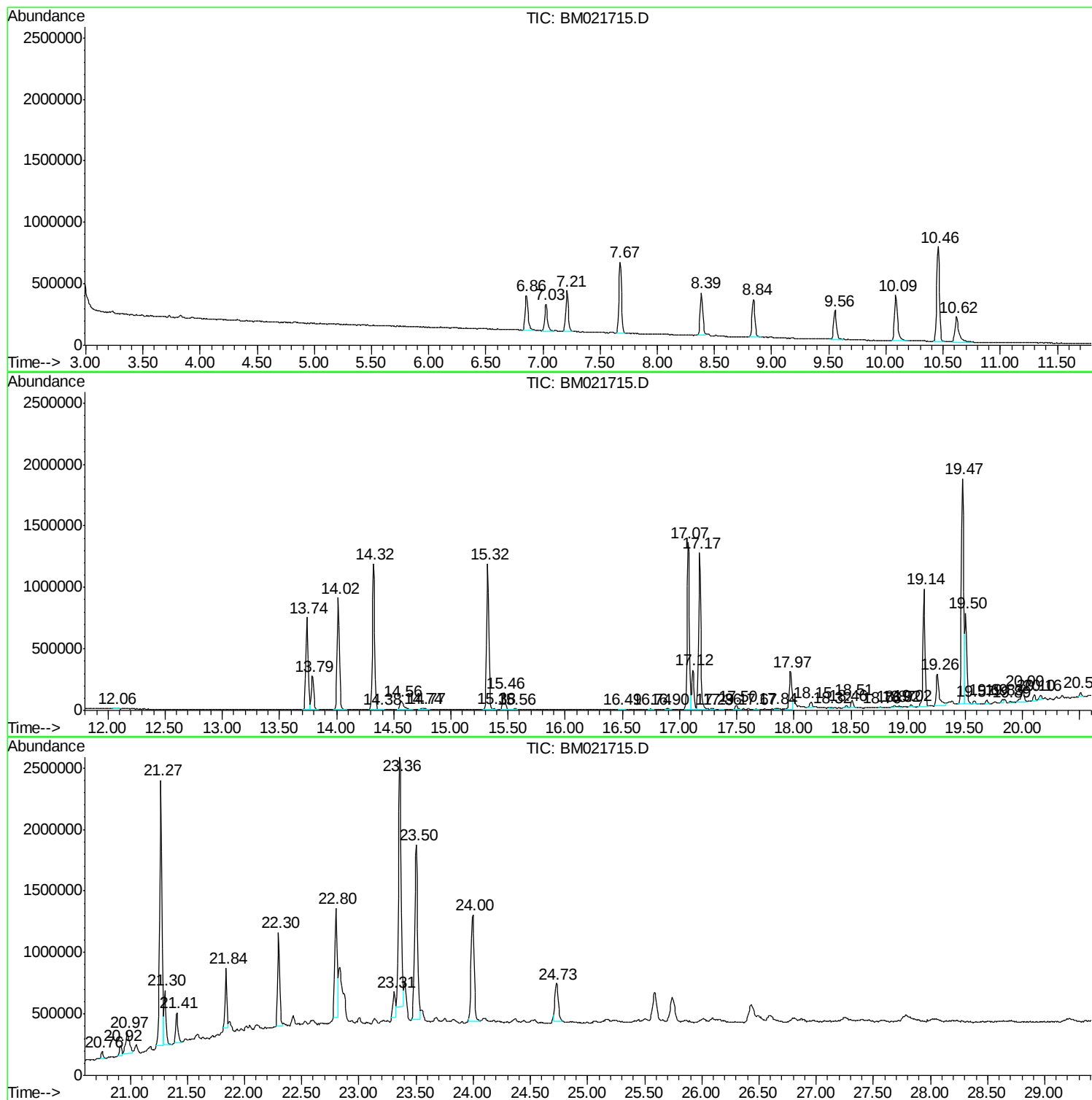
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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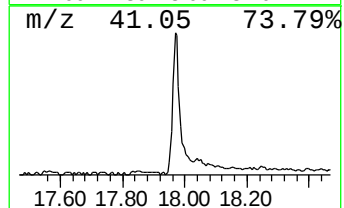
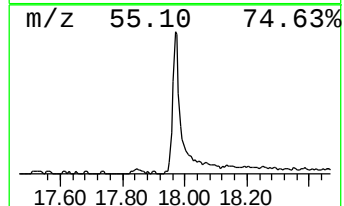
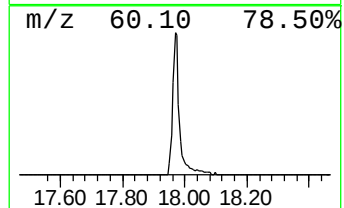
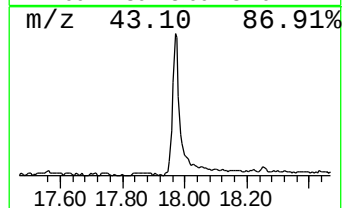
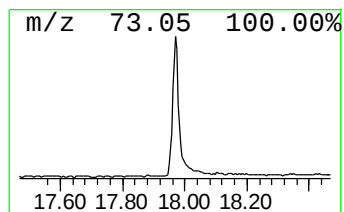
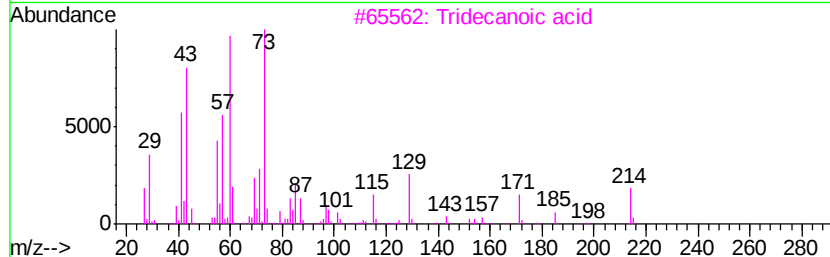
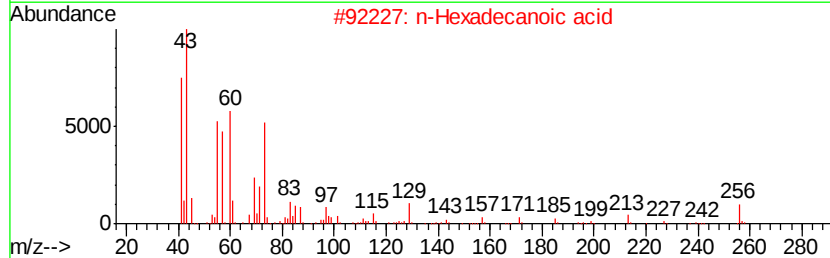
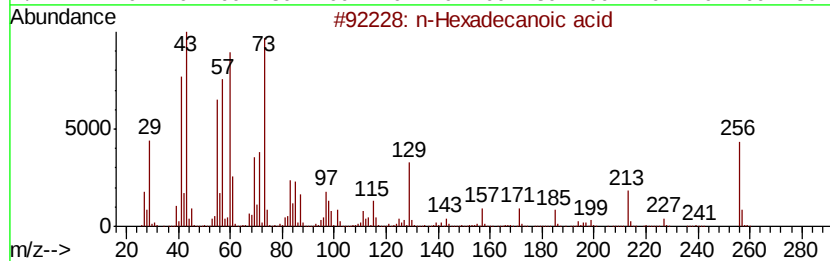
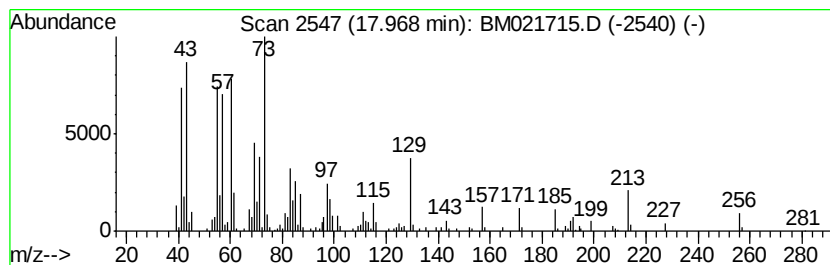
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.97	4.84 ng/ul	468228	Phenanthrene-d10	17.07	
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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76



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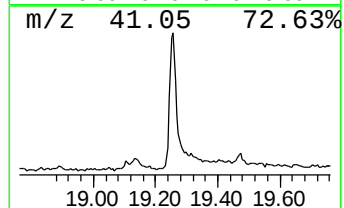
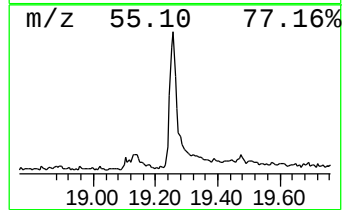
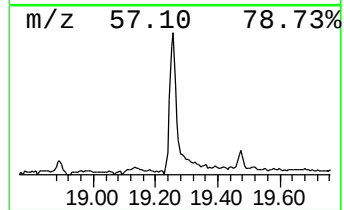
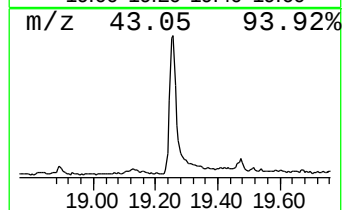
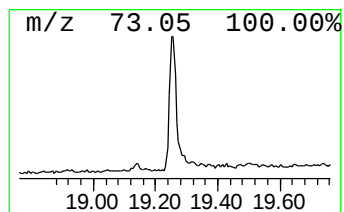
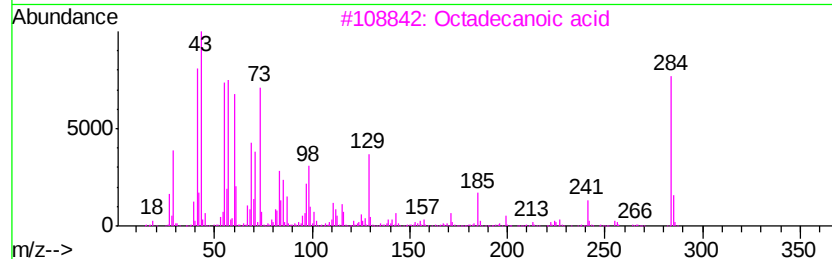
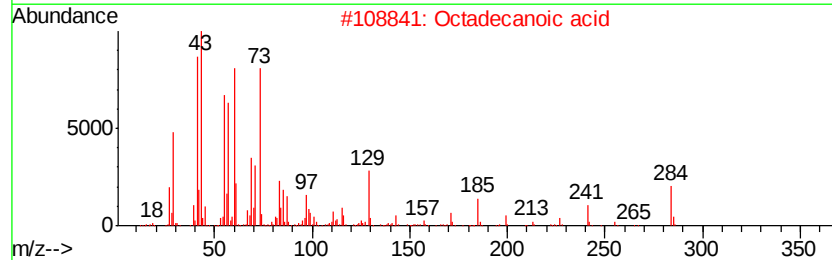
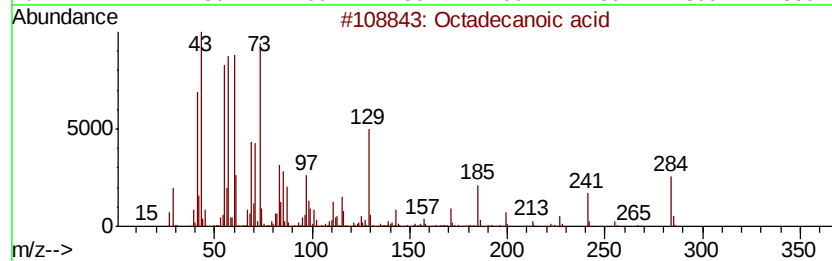
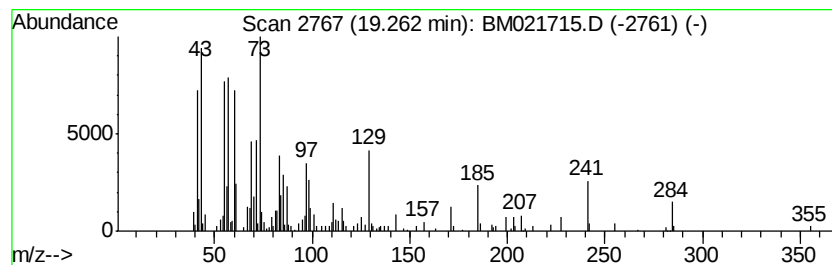
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	3.02 ng/ul	464029	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



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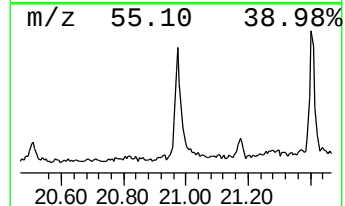
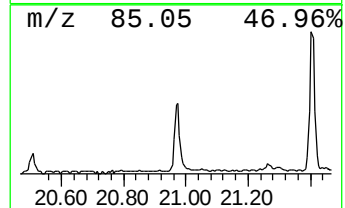
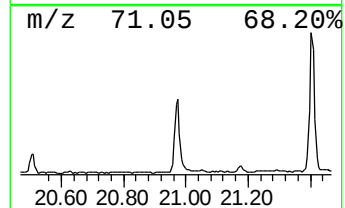
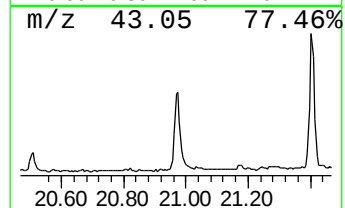
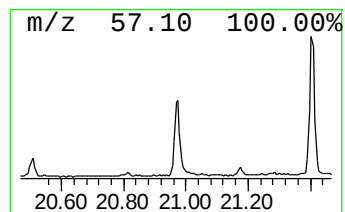
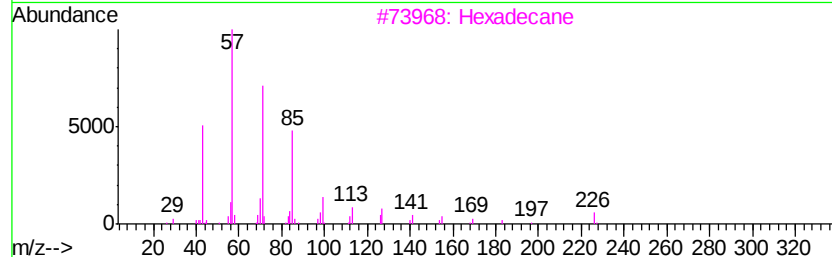
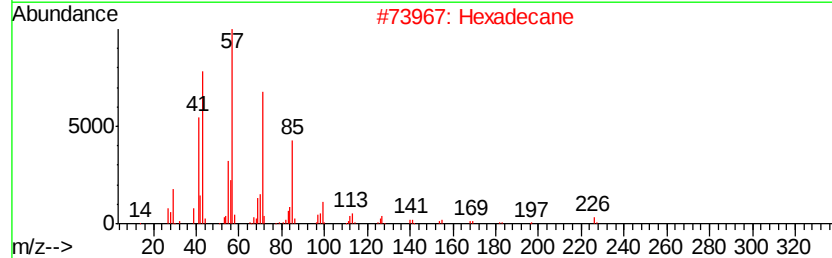
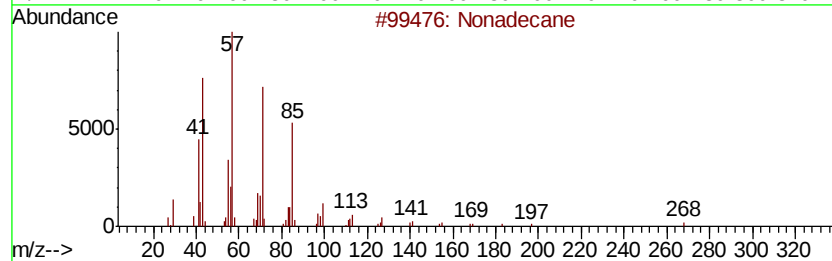
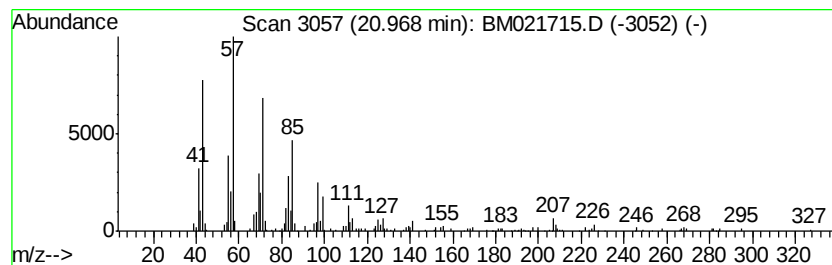
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.61 ng/ul	401763	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	97
2		Hexadecane	226	C16H34	000544-76-3	96
3		Hexadecane	226	C16H34	000544-76-3	96
4		Hexadecane	226	C16H34	000544-76-3	93
5		Eicosane	282	C20H42	000112-95-8	90



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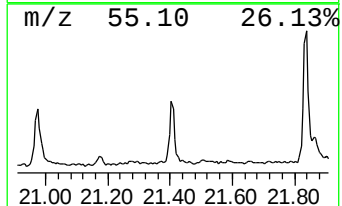
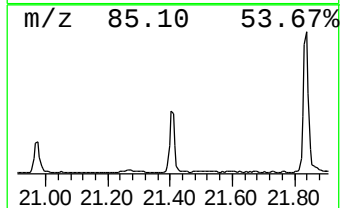
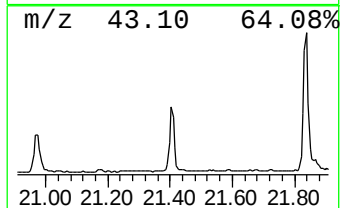
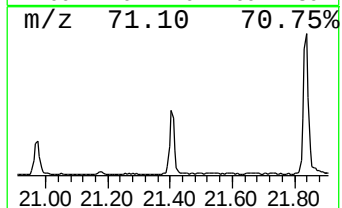
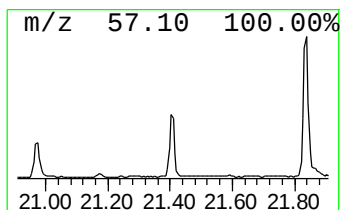
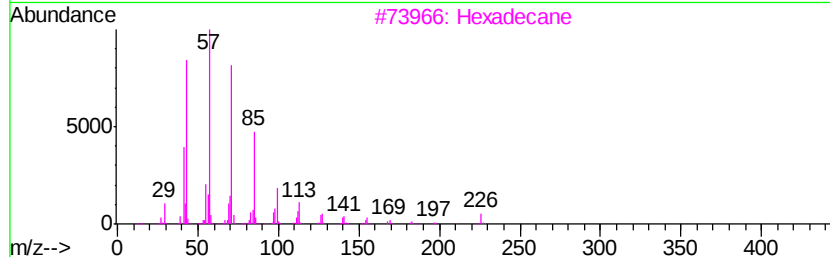
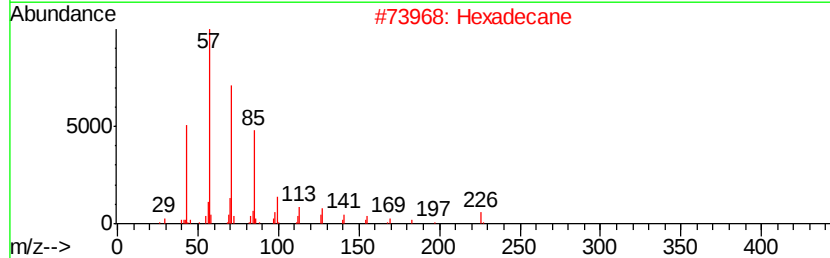
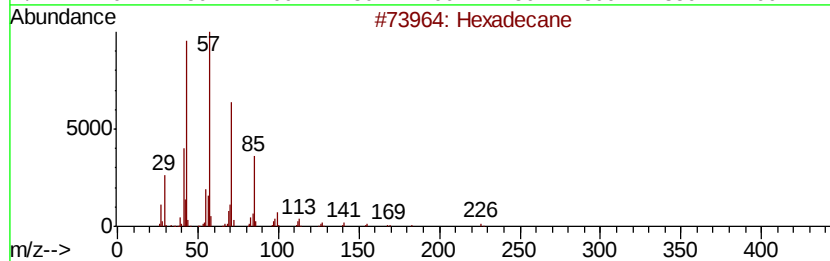
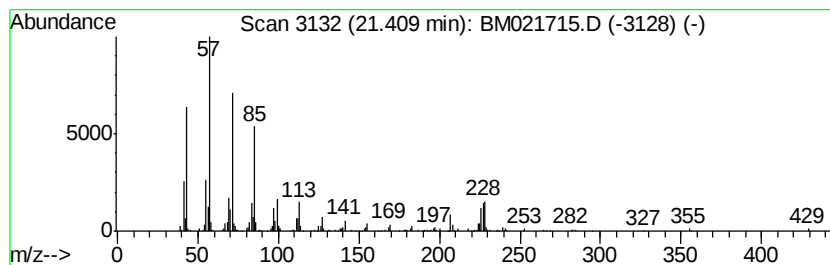
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.19 ng/ul	336270	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Hexadecane	226	C16H34	000544-76-3	93
3		Hexadecane	226	C16H34	000544-76-3	89
4		Eicosane	282	C20H42	000112-95-8	76
5		Heneicosane	296	C21H44	000629-94-7	76



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ClientSampleId :
A52F0

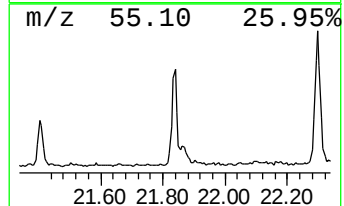
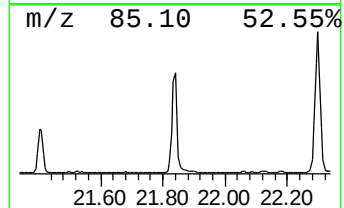
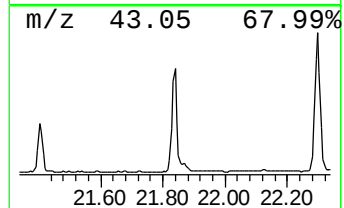
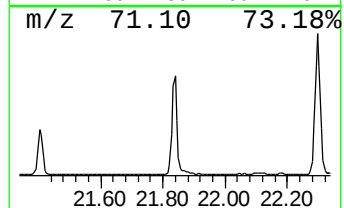
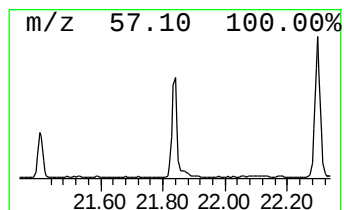
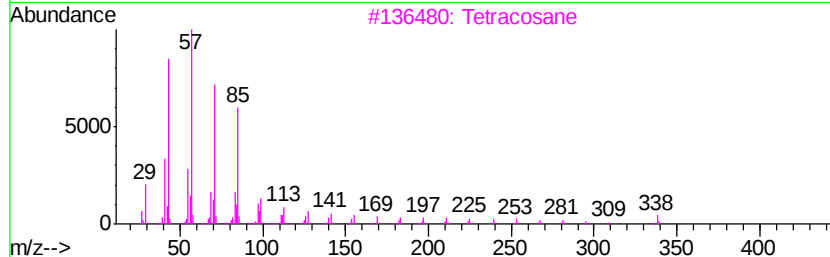
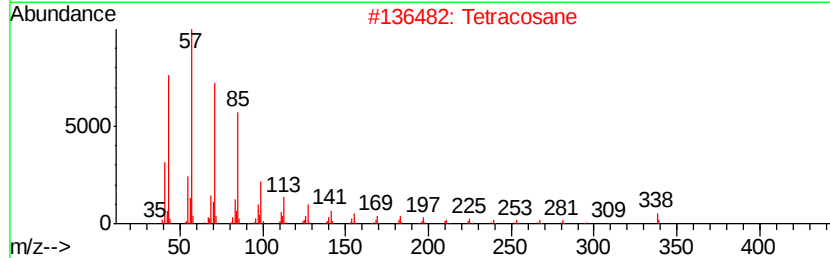
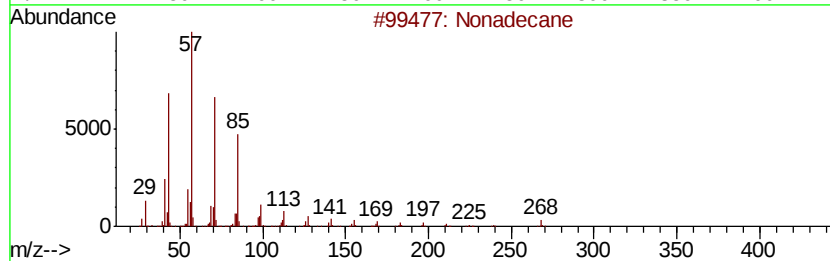
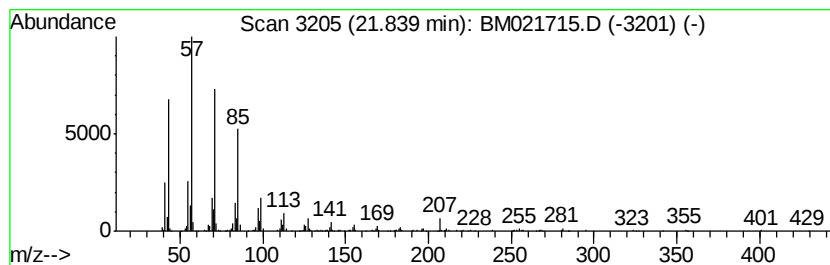
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Quant Title : SVOA CALIBRATION

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.
21.84	3.54 ng/ul	543687	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Tetracosane	338	C24H50	000646-31-1	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021715.D
Acq On : 30 Jul 2019 04:16
Operator : HP/JU
Sample : K3922-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F0

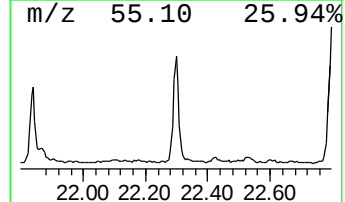
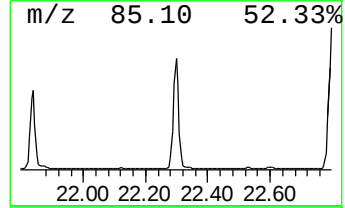
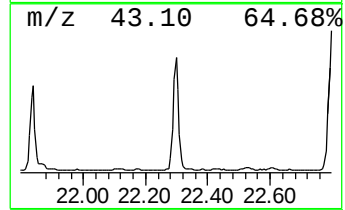
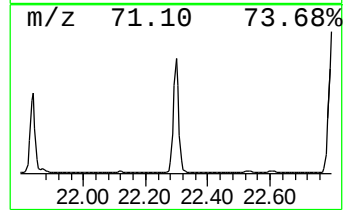
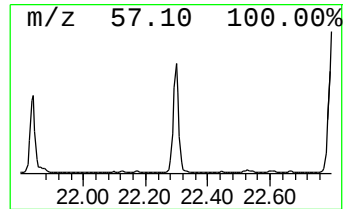
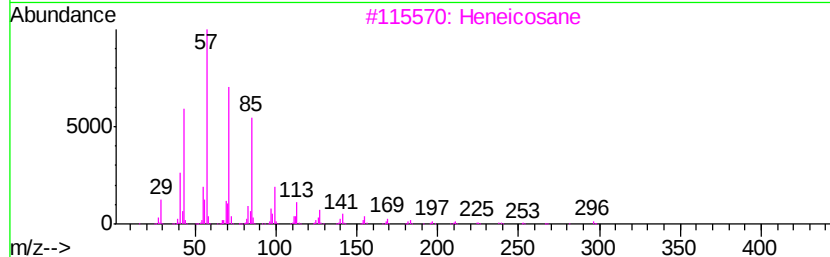
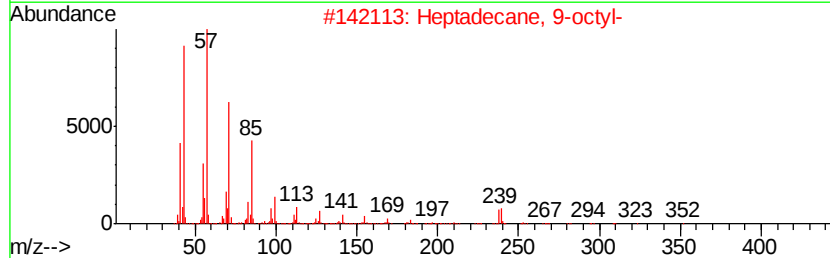
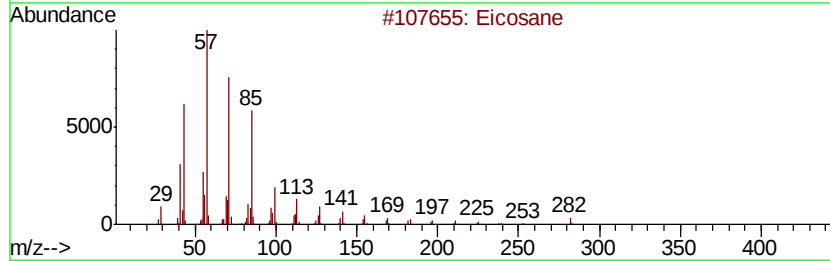
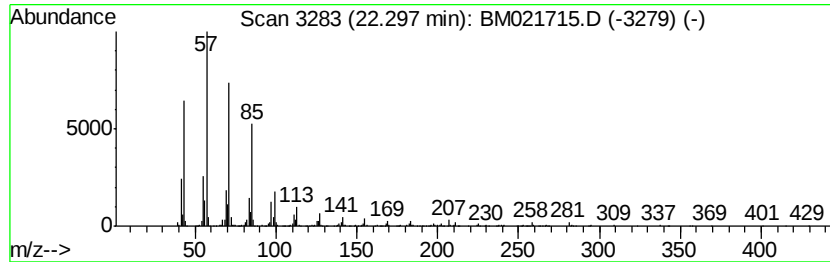
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Quant Title : SVOA CALIBRATION

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.
22.30	6.17 ng/ul	949128	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021715.D
Acq On : 30 Jul 2019 04:16
Operator : HP/JU
Sample : K3922-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F0

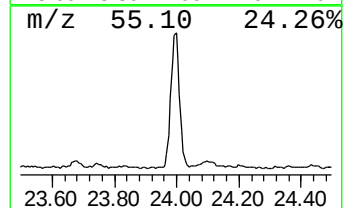
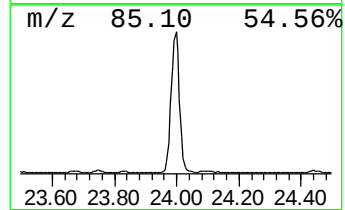
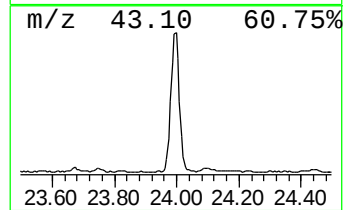
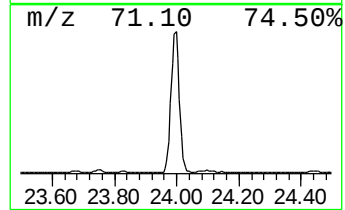
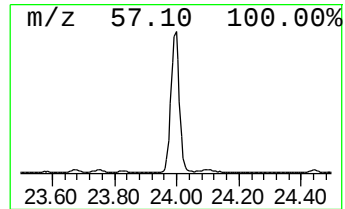
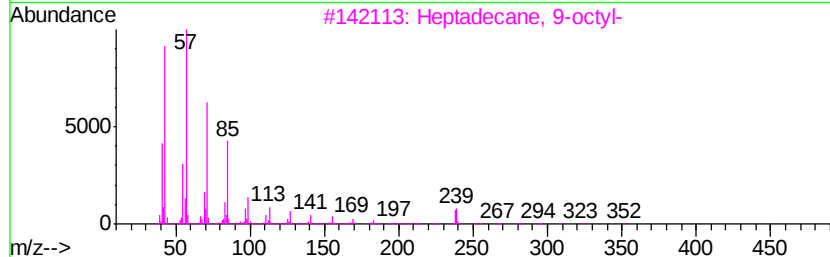
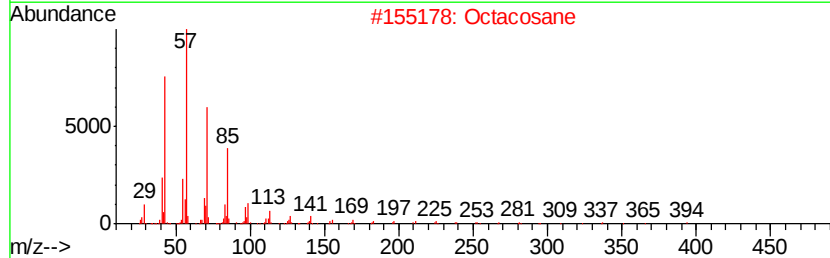
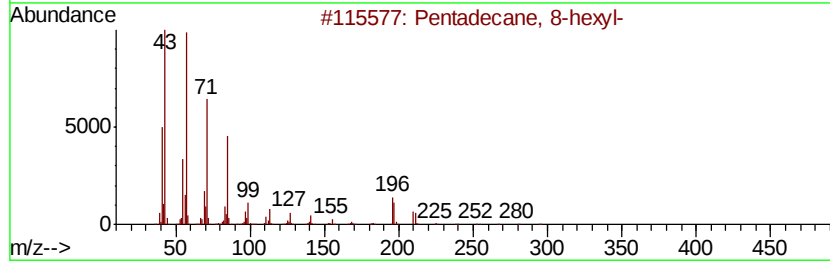
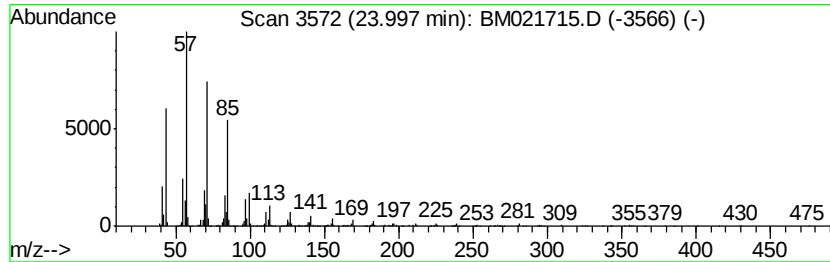
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	12.56 ng/ul	1644680	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021715.D
Acq On : 30 Jul 2019 04:16
Operator : HP/JU
Sample : K3922-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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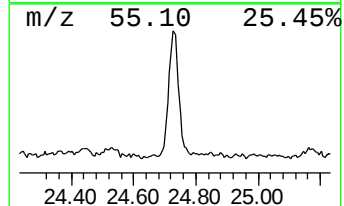
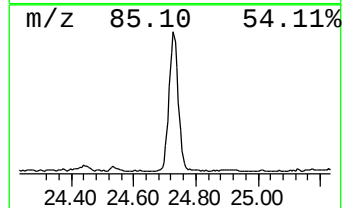
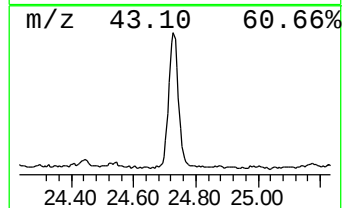
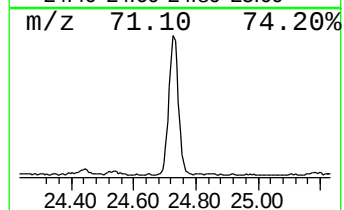
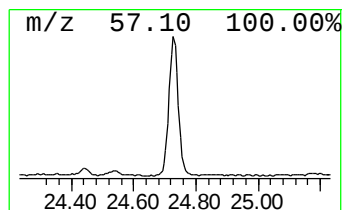
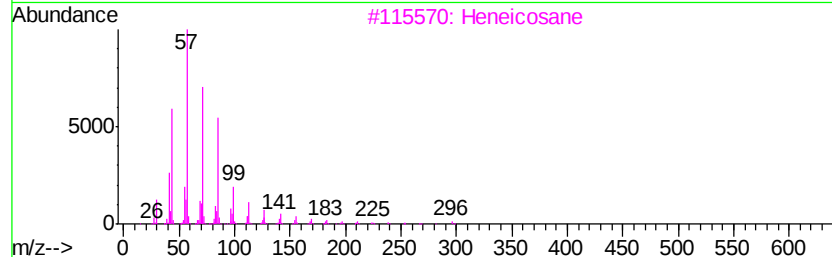
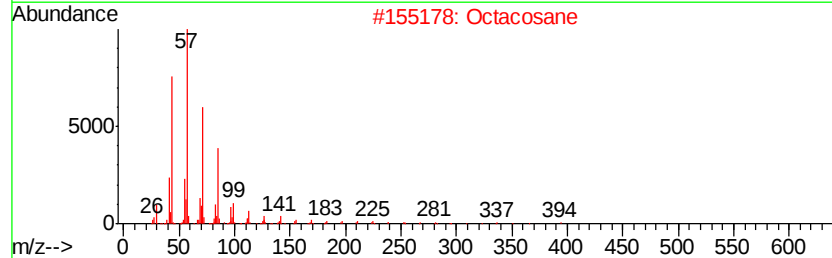
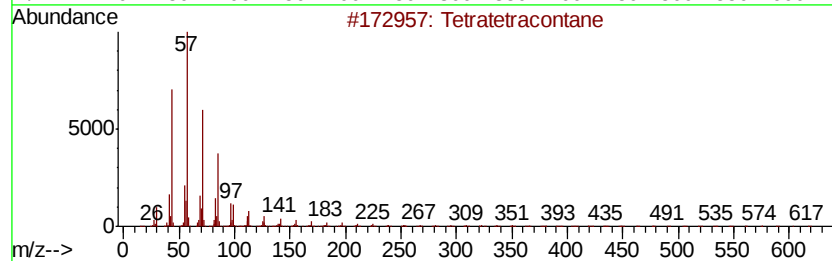
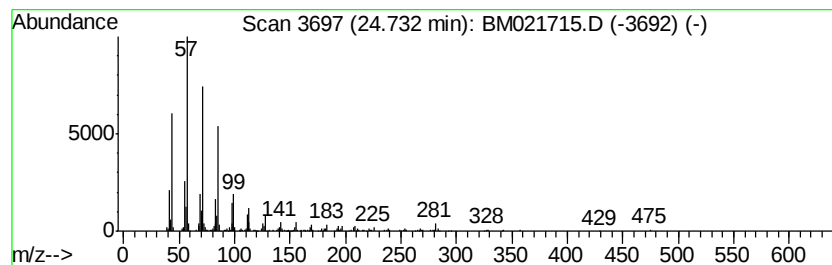
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Quant Title : SVOA CALIBRATION

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.
24.73	4.82 ng/ul	630836	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072919\
Data File : BM021715.D
Acq On : 30 Jul 2019 04:16
Operator : HP/JU
Sample : K3922-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.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	17.97	4.8	ng/ul	468228	4	17.07	1936160	20.0
Octadecanoic acid	19.26	3.0	ng/ul	464029	5	21.27	3074690	20.0
(DEL) Alkane: Str...	20.97	2.6	ng/ul	401763	5	21.27	3074690	20.0
(DEL) Alkane: Str...	21.41	2.2	ng/ul	336270	5	21.27	3074690	20.0
(DEL) Alkane: Str...	21.84	3.5	ng/ul	543687	5	21.27	3074690	20.0
(DEL) Alkane: Str...	22.30	6.2	ng/ul	949128	5	21.27	3074690	20.0
(DEL) Alkane: Str...	24.00	12.6	ng/ul	1644680	6	23.50	2619320	20.0
(DEL) Alkane: Str...	24.73	4.8	ng/ul	630836	6	23.50	2619320	20.0