

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
 Data File : BM019597.D
 Acq On : 30 Mar 2019 01:41
 Operator : JU/SJ
 Sample : K2084-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF7W7

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-BM032219MA.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	3.122	21	23	35	rVB	30247	53543	1.12%	0.139%
2	6.763	636	642	657	rBV	357643	733181	15.37%	1.906%
3	6.928	665	670	689	rBV	273236	541113	11.35%	1.407%
4	7.110	695	701	714	rBV	418804	720018	15.10%	1.872%
5	7.575	773	780	790	rBV	444495	739557	15.51%	1.923%
6	7.646	790	792	796	rVB2	4563	5803	0.12%	0.015%
7	8.293	896	902	924	rBV	462030	867318	18.19%	2.255%
8	8.746	973	979	999	rBV	357167	681115	14.28%	1.771%
9	9.075	1030	1035	1043	rVB2	10307	15455	0.32%	0.040%
10	9.463	1094	1101	1114	rBV	303024	568041	11.91%	1.477%
11	9.992	1185	1191	1210	rBV	432610	888325	18.63%	2.309%
12	10.357	1245	1253	1267	rBV	633438	1057436	22.17%	2.749%
13	10.522	1275	1281	1307	rBV	328545	814820	17.09%	2.118%
14	11.992	1526	1531	1534	rBV2	3362	6711	0.14%	0.017%
15	13.657	1808	1814	1819	rBV	994184	1426536	29.91%	3.709%
16	13.704	1819	1822	1836	rVB	177211	275558	5.78%	0.716%
17	13.928	1851	1860	1879	rBV	1124550	1725631	36.19%	4.486%
18	14.239	1906	1913	1928	rBV2	963489	1486034	31.16%	3.863%
19	14.486	1949	1955	1983	rBV	187150	595734	12.49%	1.549%
20	15.027	2043	2047	2051	rVV	3410	4926	0.10%	0.013%
21	15.080	2052	2056	2059	rVB2	5873	8272	0.17%	0.022%
22	15.239	2076	2083	2096	rBV	1514417	2190513	45.93%	5.695%
23	15.327	2096	2098	2103	rVV3	11154	10898	0.23%	0.028%
24	15.386	2103	2108	2119	rVV	355182	589458	12.36%	1.532%
25	15.480	2121	2124	2128	rVB3	19003	25073	0.53%	0.065%
26	15.945	2200	2203	2210	rVV4	5011	9999	0.21%	0.026%
27	16.139	2231	2236	2241	rBV2	5896	9799	0.21%	0.025%
28	16.739	2335	2338	2343	rBV4	5697	7969	0.17%	0.021%
29	16.786	2343	2346	2351	rVB4	5877	8469	0.18%	0.022%
30	16.998	2375	2382	2392	rBV2	1242321	1774872	37.22%	4.614%
31	17.092	2392	2398	2416	rVV2	1616973	2470754	51.81%	6.423%
32	17.286	2425	2431	2433	rBV6	3548	5359	0.11%	0.014%
33	17.380	2443	2447	2450	rVB3	4974	5814	0.12%	0.015%
34	17.474	2460	2463	2469	rVB5	5529	8045	0.17%	0.021%

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35	17.763	2507	2512	2515	rBV3	4969	8401	0.18%	0.022%
36	17.827	2521	2523	2527	rBV4	7123	8774	0.18%	0.023%
37	17.886	2528	2533	2545	rBV	231744	402273	8.44%	1.046%
38	18.174	2576	2582	2588	rBV4	16561	25866	0.54%	0.067%
39	18.686	2667	2669	2672	rBV4	6140	5364	0.11%	0.014%
40	18.751	2675	2680	2684	rBV6	8863	17641	0.37%	0.046%
41	18.815	2688	2691	2695	rVB2	11081	12742	0.27%	0.033%
42	19.039	2725	2729	2738	rBV4	28039	56742	1.19%	0.148%
43	19.180	2749	2753	2761	rBV2	75643	138565	2.91%	0.360%
44	19.292	2768	2772	2776	rBV	12573	14935	0.31%	0.039%
45	19.404	2785	2791	2796	rBV	2282798	3008570	63.09%	7.821%
46	19.739	2845	2848	2851	rBV3	17506	17478	0.37%	0.045%
47	19.780	2851	2855	2859	rVV2	25630	28372	0.59%	0.074%
48	19.915	2874	2878	2879	rBV3	19490	24123	0.51%	0.063%
49	19.939	2879	2882	2889	rVB	39607	48979	1.03%	0.127%
50	20.433	2962	2966	2970	rBV3	78478	91892	1.93%	0.239%
51	20.898	3041	3045	3058	rBV	746063	919073	19.27%	2.389%
52	21.198	3091	3096	3110	rBV	1847268	2545978	53.39%	6.619%
53	21.339	3116	3120	3125	rVB	189395	218026	4.57%	0.567%
54	21.762	3188	3192	3201	rBV	263304	379979	7.97%	0.988%
55	22.209	3264	3268	3276	rBV	344619	484421	10.16%	1.259%
56	22.703	3348	3352	3357	rVB	384755	502359	10.53%	1.306%
57	23.262	3440	3447	3461	rBV2	2657835	4768735	100.00%	12.397%
58	23.403	3464	3471	3481	rVB	1589082	2949615	61.85%	7.668%
59	23.880	3547	3552	3559	rVB	326904	586336	12.30%	1.524%
60	23.974	3563	3568	3581	rVB3	173142	375203	7.87%	0.975%
61	24.603	3669	3675	3682	rBV	254863	493983	10.36%	1.284%

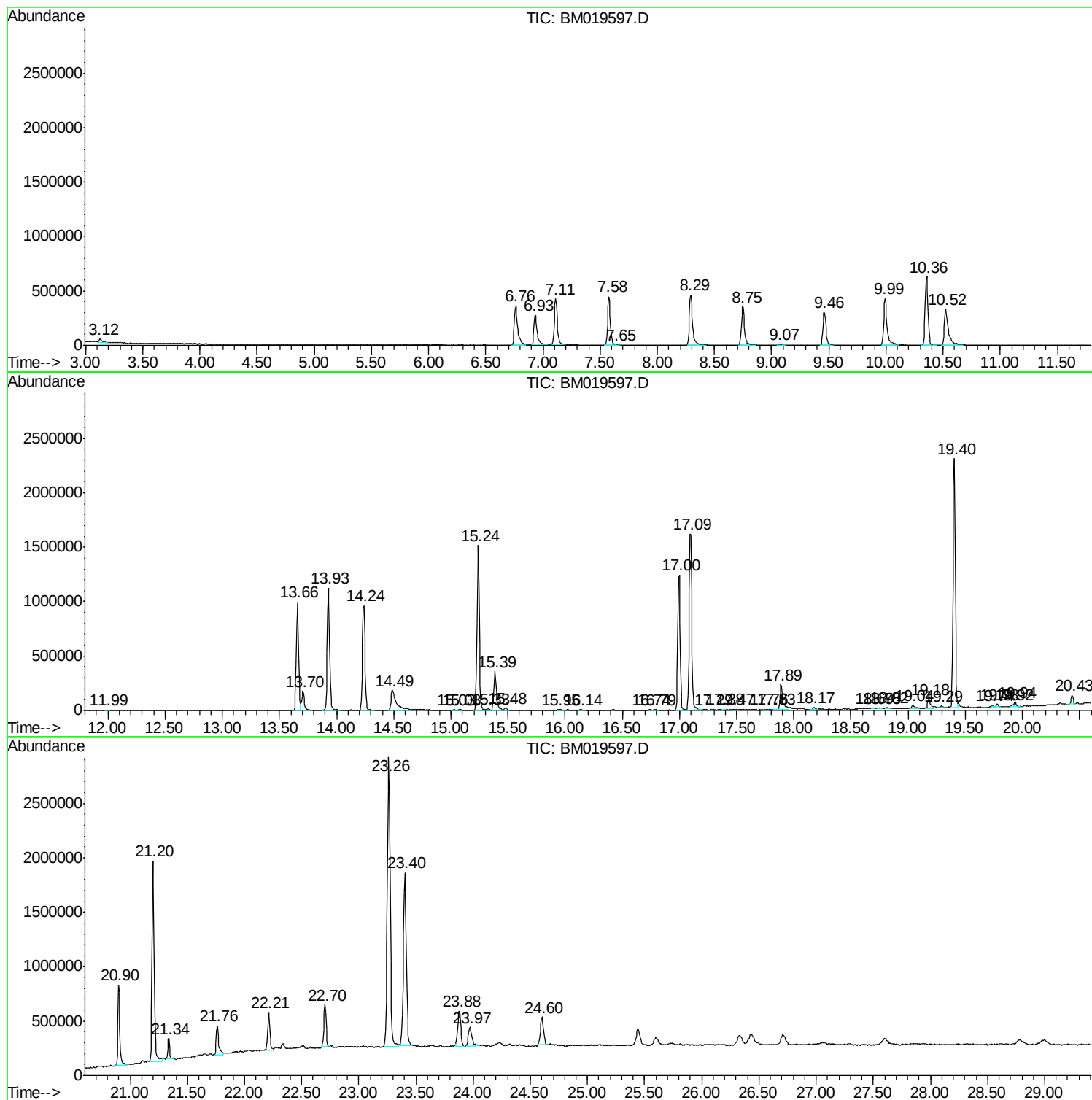
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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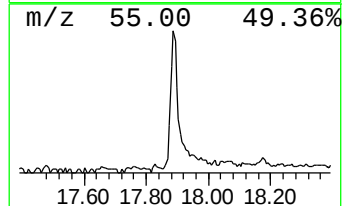
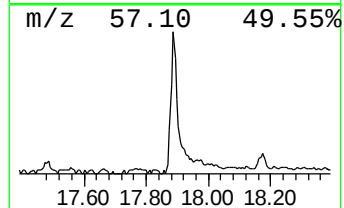
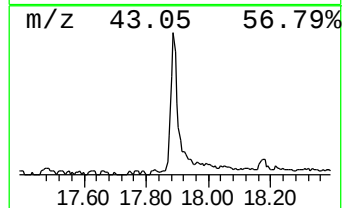
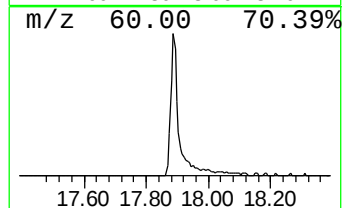
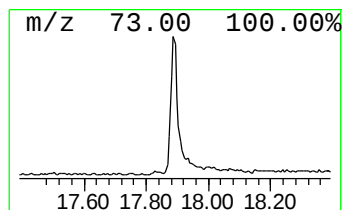
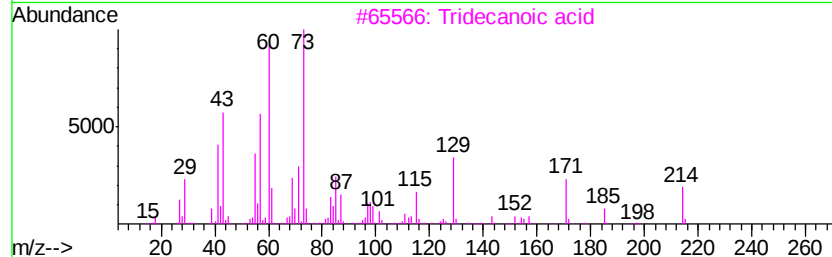
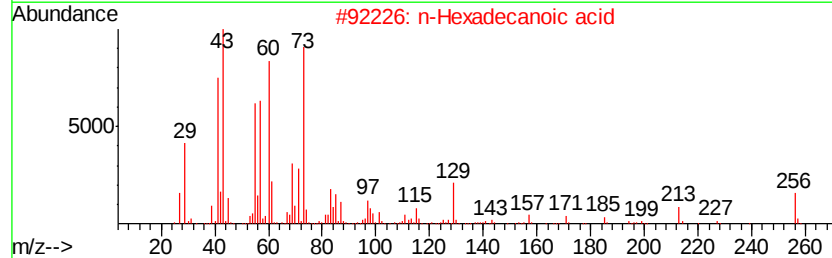
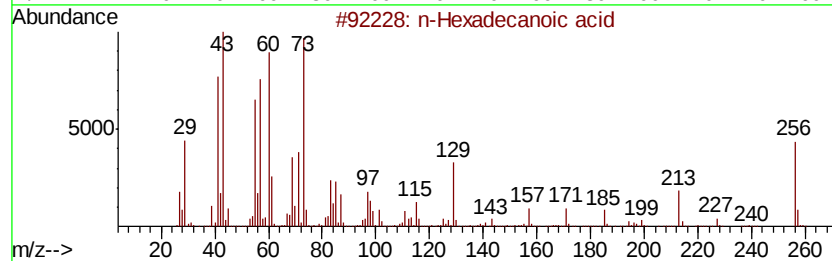
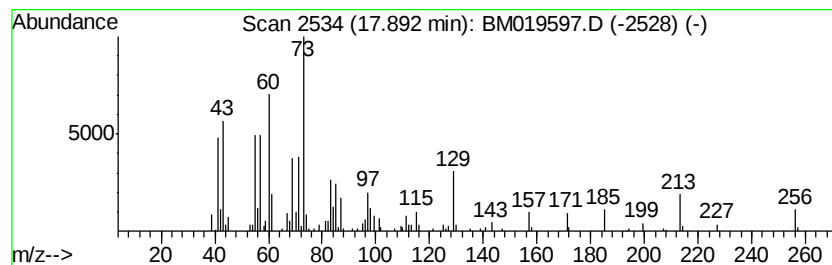
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.89	4.53 ng/ul	402273	Phenanthrene-d10		17.00	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	72
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	59



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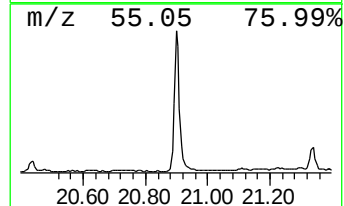
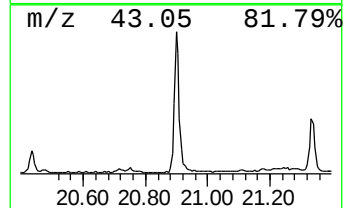
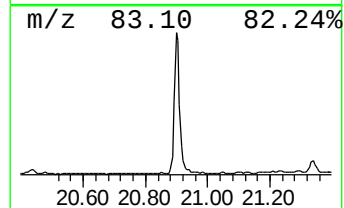
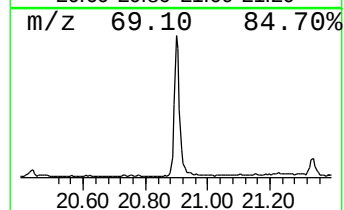
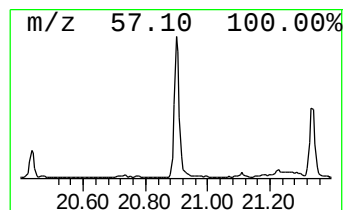
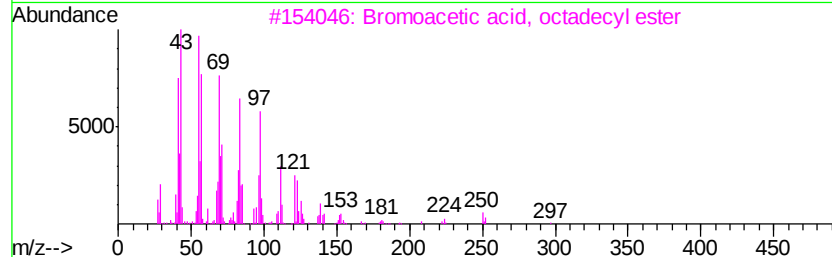
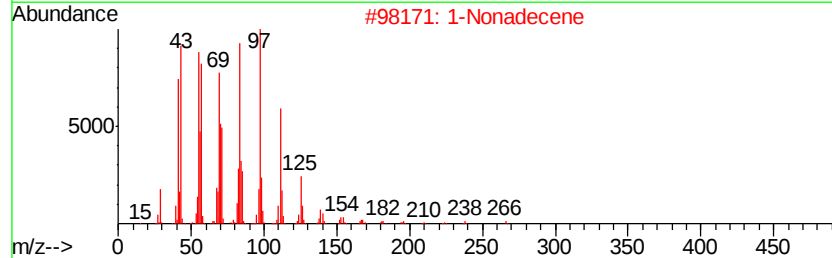
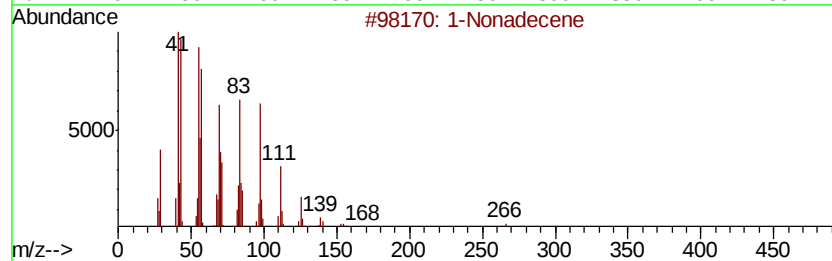
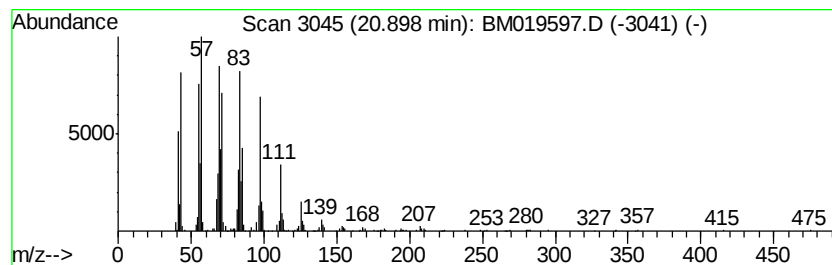
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	7.22 ng/ul	919073	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene	266 C19H38	018435-45-5	98
2	1-Nonadecene	266 C19H38	018435-45-5	97
3	Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5	91
4	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	91
5	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	91



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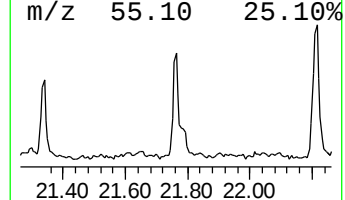
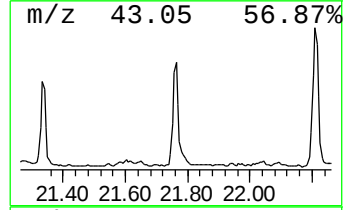
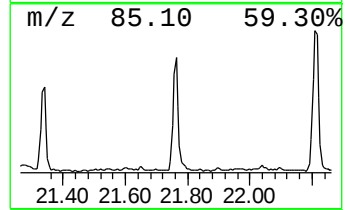
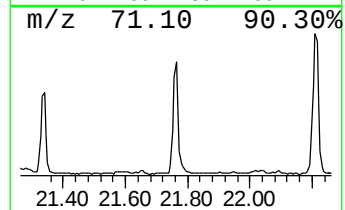
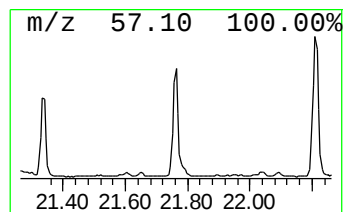
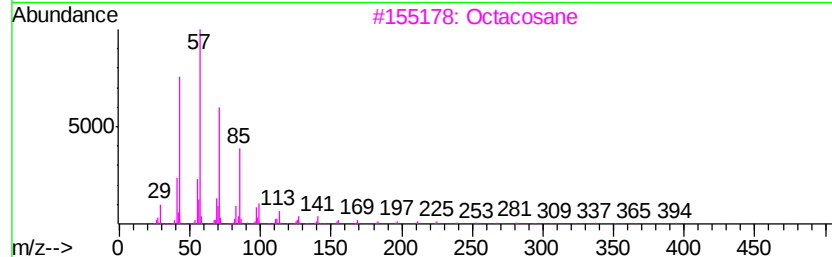
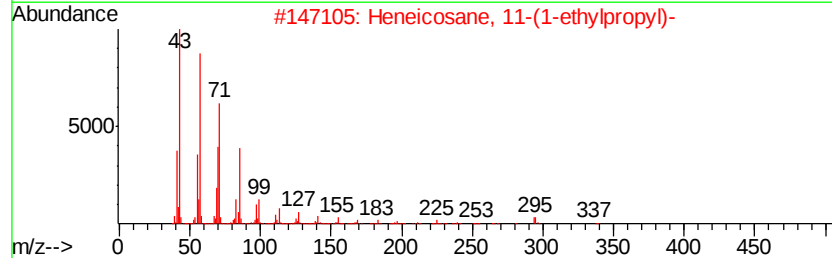
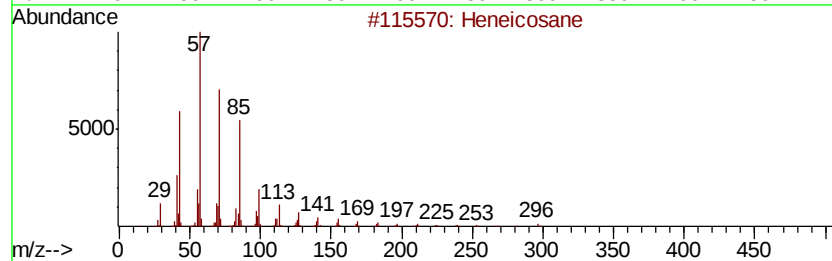
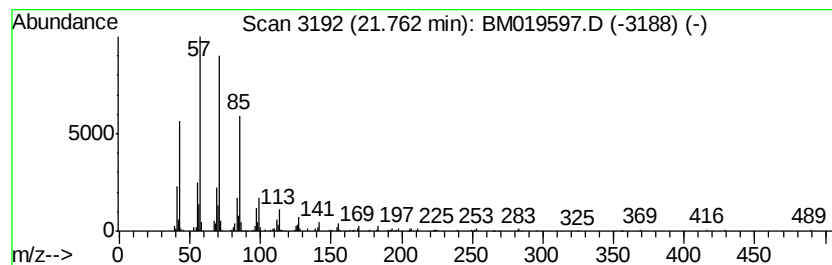
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.98 ng/ul	379979	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



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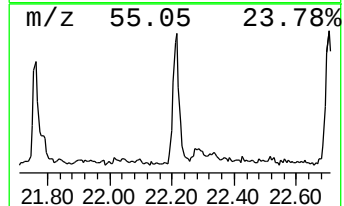
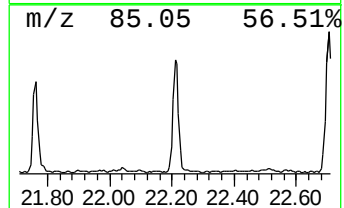
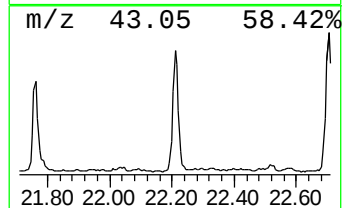
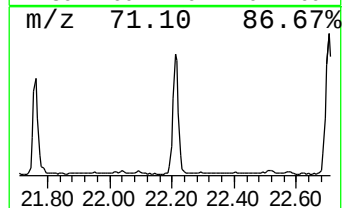
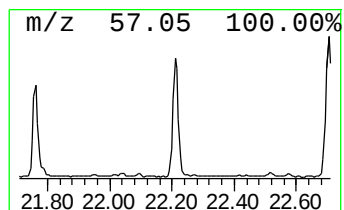
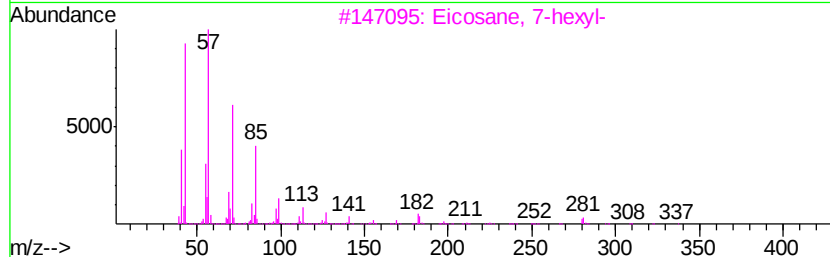
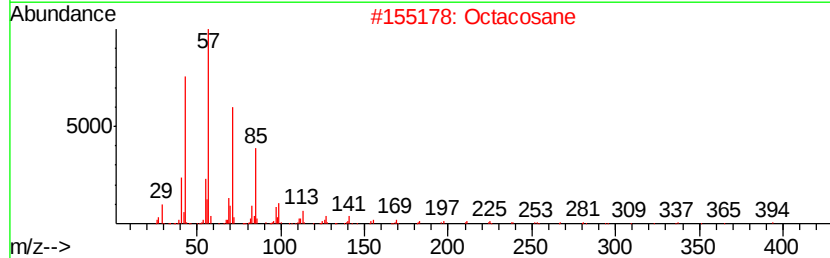
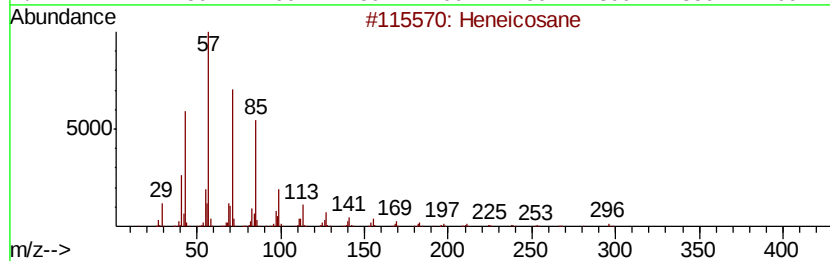
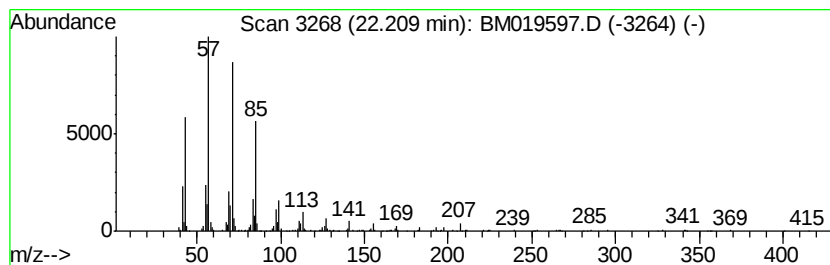
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	3.81 ng/ul	484421	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	90



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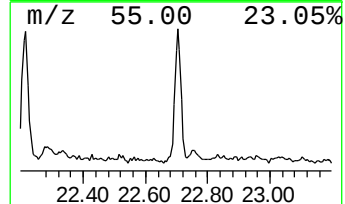
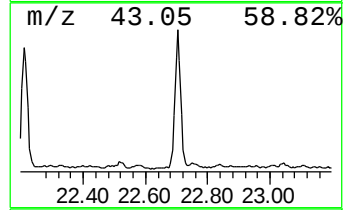
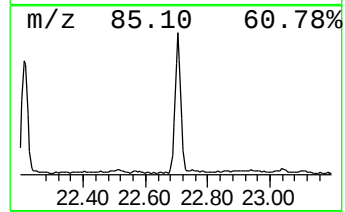
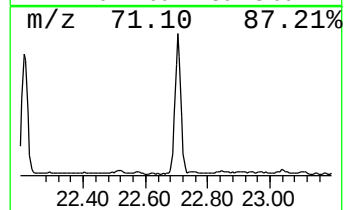
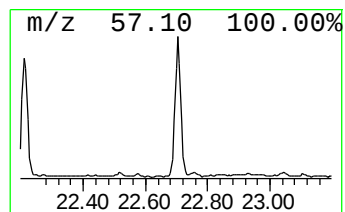
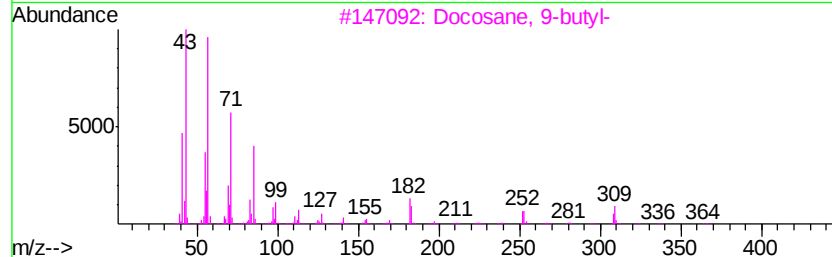
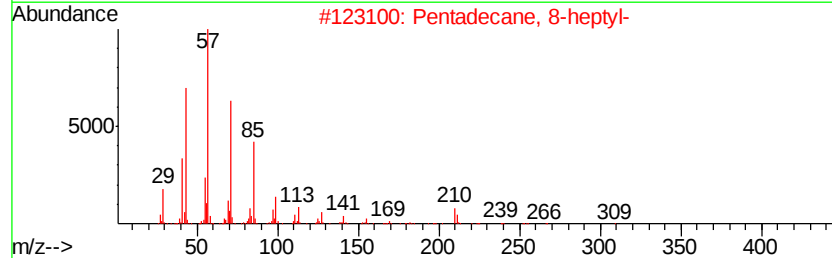
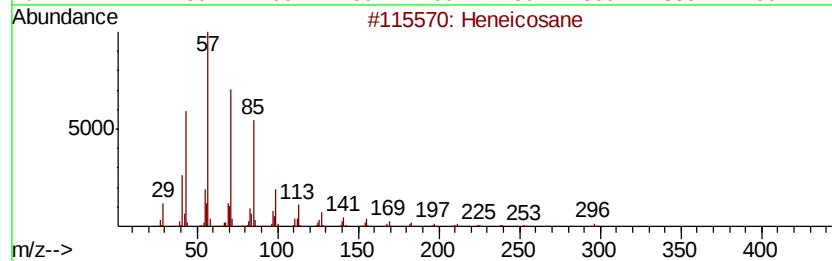
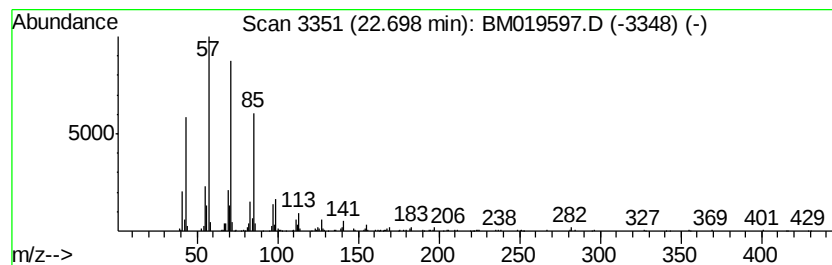
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.41 ng/ul	502359	Perylene-d12	23.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019597.D
Acq On : 30 Mar 2019 01:41
Operator : JU/SJ
Sample : K2084-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7W7

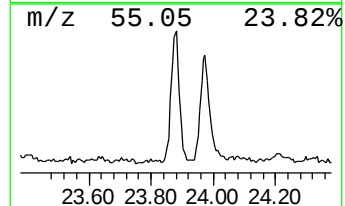
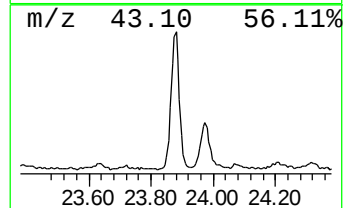
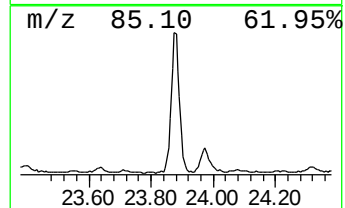
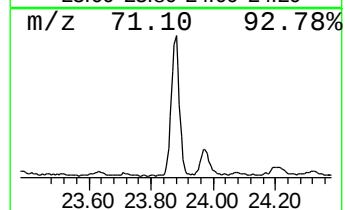
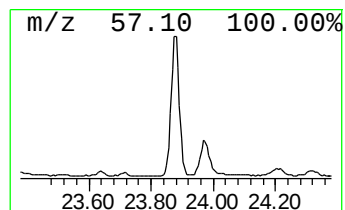
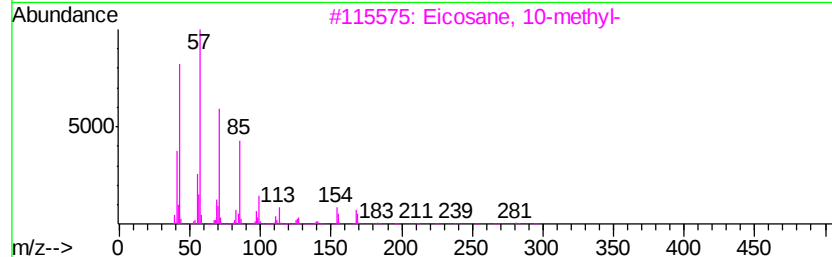
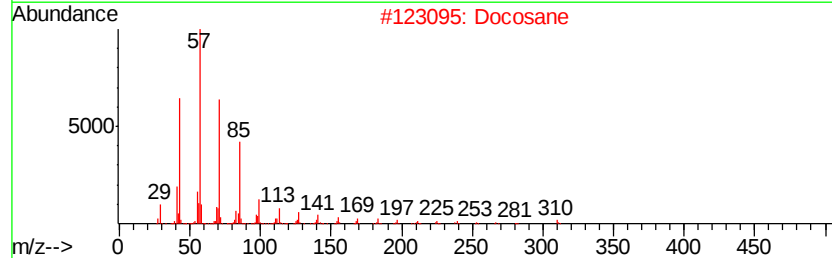
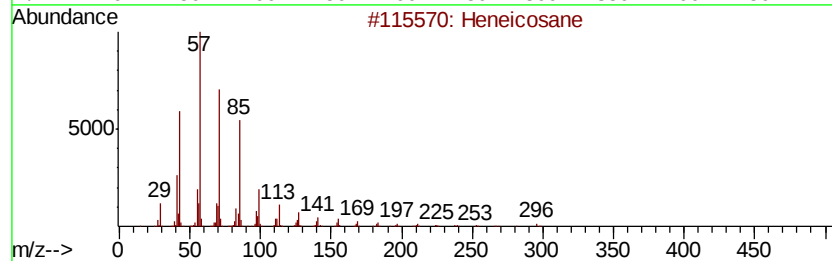
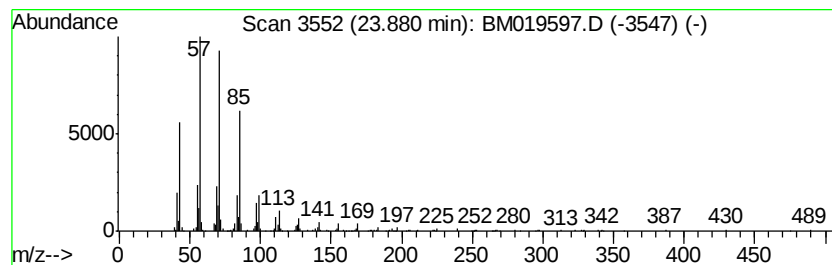
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	3.98 ng/ul	586336	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Docosane	310	C22H46	000629-97-0	90
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4		Octadecane	254	C18H38	000593-45-3	87
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019597.D
Acq On : 30 Mar 2019 01:41
Operator : JU/SJ
Sample : K2084-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7W7

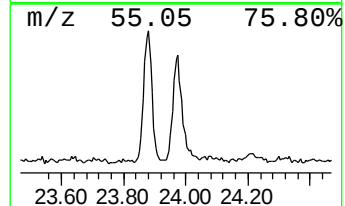
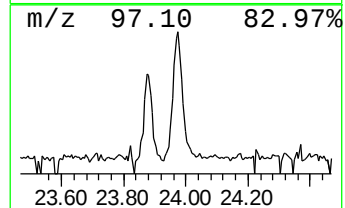
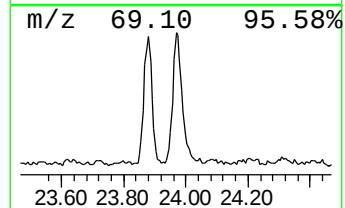
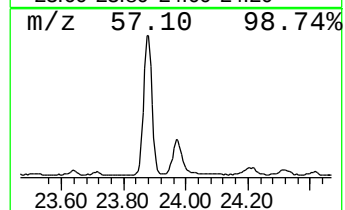
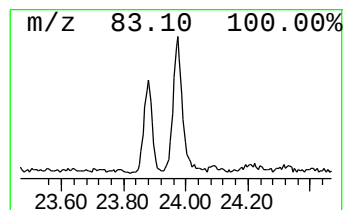
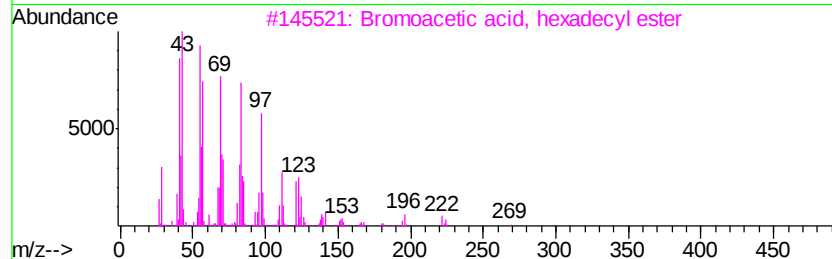
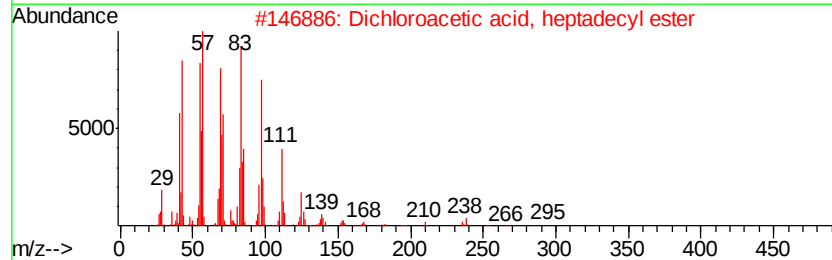
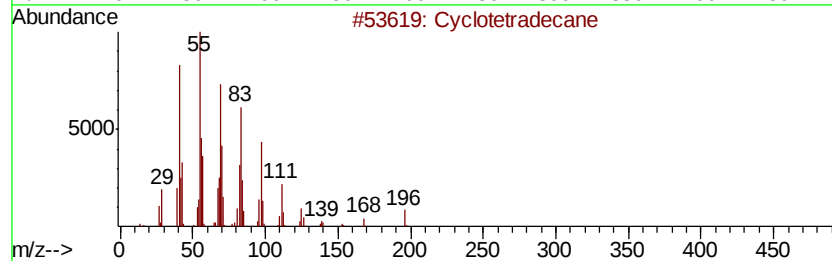
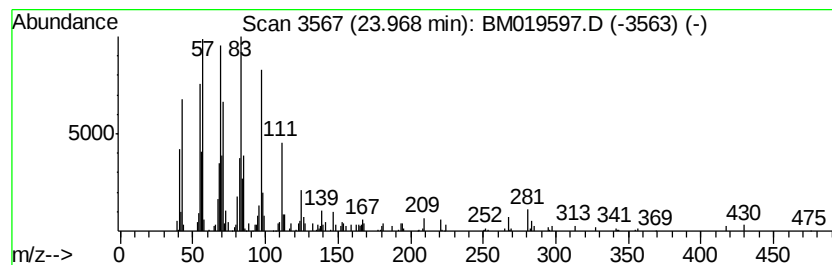
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Quant Title : SVOA CALIBRATION

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.
23.97	2.54 ng/ul	375203	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	95
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
4		1-Tricosene	322	C23H46	018835-32-0	81
5		Cyclotetracosane	336	C24H48	000297-03-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019597.D
Acq On : 30 Mar 2019 01:41
Operator : JU/SJ
Sample : K2084-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7W7

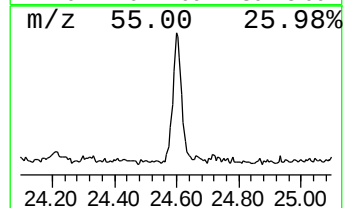
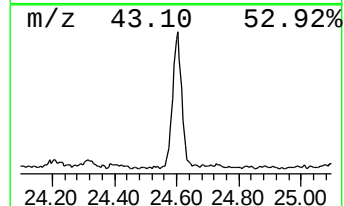
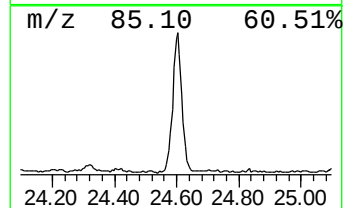
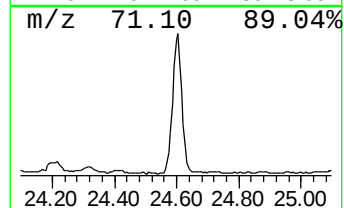
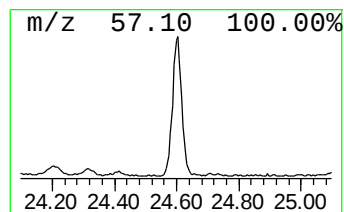
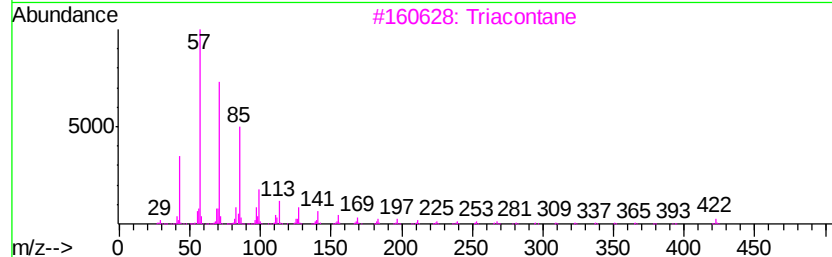
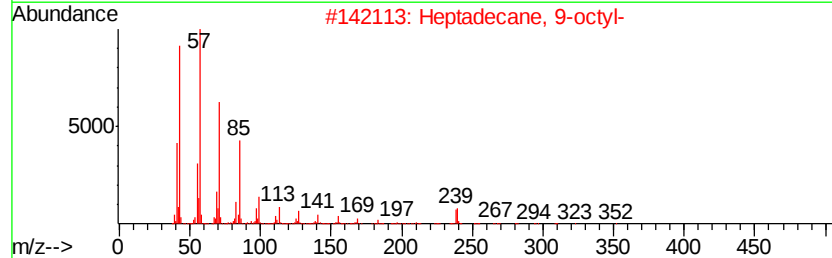
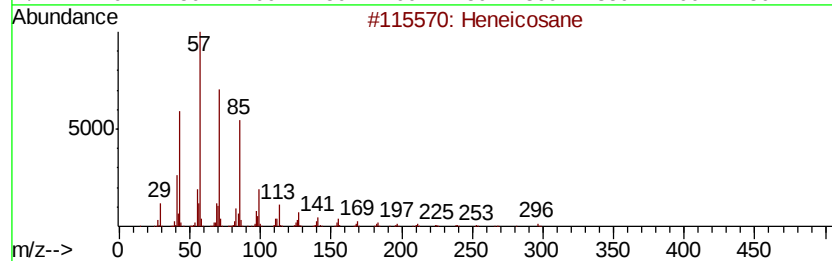
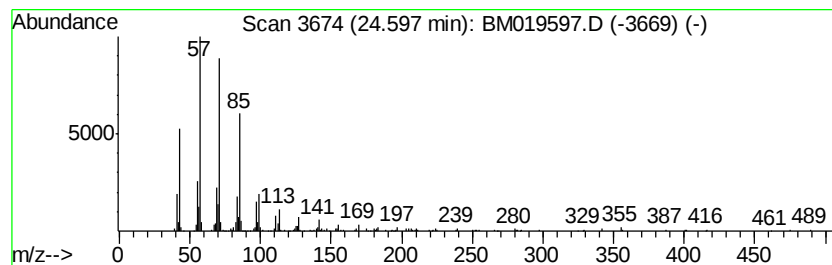
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	3.35 ng/ul	493983	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		triacontane	422	C30H62	000638-68-6	90
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019597.D
Acq On : 30 Mar 2019 01:41
Operator : JU/SJ
Sample : K2084-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7W7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	17.89	4.5	ng/ul	402273	4	17.00	1774870	20.0
(DEL) Alkane: Cyc...	20.90	7.2	ng/ul	919073	5	21.20	2545980	20.0
(DEL) Alkane: Str...	21.76	3.0	ng/ul	379979	5	21.20	2545980	20.0
(DEL) Alkane: Str...	22.21	3.8	ng/ul	484421	5	21.20	2545980	20.0
(DEL) Alkane: Str...	22.70	3.4	ng/ul	502359	6	23.40	2949620	20.0
(DEL) Alkane: Str...	23.88	4.0	ng/ul	586336	6	23.40	2949620	20.0
(DEL) Alkane: Str...	23.97	2.5	ng/ul	375203	6	23.40	2949620	20.0
(DEL) Alkane: Str...	24.60	3.4	ng/ul	493983	6	23.40	2949620	20.0