

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019709.D
 Acq On : 03 Apr 2019 01:58
 Operator : JU/SJ
 Sample : K2168-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF643

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	20	23	31	rVB	37202	59163	1.43%	0.129%
2	3.716	122	124	130	rVB5	6116	8005	0.19%	0.017%
3	3.816	138	141	143	rBV2	4511	5470	0.13%	0.012%
4	4.716	290	294	297	rBV	8599	9681	0.23%	0.021%
5	4.751	297	300	308	rVB	14410	25358	0.61%	0.055%
6	6.757	635	641	660	rBV	430053	877863	21.19%	1.913%
7	6.922	663	669	690	rVV	392388	709966	17.14%	1.547%
8	7.104	693	700	717	rVB	529145	897758	21.67%	1.957%
9	7.569	772	779	788	rBV	587989	952762	23.00%	2.077%
10	7.639	788	791	798	rVB2	7910	15050	0.36%	0.033%
11	8.286	894	901	915	rBV	577885	1052793	25.42%	2.295%
12	8.416	919	923	932	rVB	9978	18793	0.45%	0.041%
13	8.739	970	978	992	rBV	503577	898721	21.70%	1.959%
14	9.057	1028	1032	1038	rVB	13505	19400	0.47%	0.042%
15	9.451	1092	1099	1112	rBV	432812	769660	18.58%	1.677%
16	9.986	1183	1190	1212	rBV	551464	1116205	26.95%	2.433%
17	10.345	1244	1251	1263	rBV	933334	1533030	37.01%	3.341%
18	10.516	1273	1280	1302	rBV	451194	1074454	25.94%	2.342%
19	11.969	1523	1527	1539	rVB2	4520	11837	0.29%	0.026%
20	13.016	1701	1705	1711	rVB4	2762	4284	0.10%	0.009%
21	13.651	1807	1813	1818	rBV	1390255	1924272	46.46%	4.194%
22	13.698	1818	1821	1832	rVB	310623	452736	10.93%	0.987%
23	13.921	1852	1859	1874	rBV	1523856	2189519	52.86%	4.772%
24	14.233	1905	1912	1923	rBV2	1398918	2181671	52.67%	4.755%
25	14.486	1949	1955	1979	rBV	213351	659934	15.93%	1.438%
26	14.657	1980	1984	1993	rVB	50084	86110	2.08%	0.188%
27	15.021	2041	2046	2051	rBV	20698	27721	0.67%	0.060%
28	15.068	2051	2054	2058	rVV2	7435	9296	0.22%	0.020%
29	15.233	2075	2082	2097	rBV	1956091	2824133	68.18%	6.155%
30	15.386	2102	2108	2120	rVV	501557	826932	19.96%	1.802%
31	15.474	2120	2123	2128	rVB	24286	35488	0.86%	0.077%
32	15.627	2144	2149	2156	rVB6	3151	6628	0.16%	0.014%
33	15.939	2198	2202	2205	rBV4	5358	7647	0.18%	0.017%
34	16.015	2211	2215	2219	rBV4	7317	9401	0.23%	0.020%

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35	16.415	2277	2283	2285	rBV3	4392	7611	0.18%	0.017%
36	16.539	2301	2304	2312	rVB3	10054	16310	0.39%	0.036%
37	16.733	2333	2337	2341	rBV3	6585	8229	0.20%	0.018%
38	16.780	2341	2345	2350	rBV3	9469	14464	0.35%	0.032%
39	16.892	2358	2364	2366	rBV2	3241	5548	0.13%	0.012%
40	16.992	2375	2381	2391	rBV2	1897476	2621529	63.29%	5.714%
41	17.092	2391	2398	2409	rBV	2093298	2983637	72.03%	6.503%
42	17.380	2443	2447	2454	rBV6	5903	8274	0.20%	0.018%
43	17.468	2459	2462	2466	rBV4	6907	9193	0.22%	0.020%
44	17.662	2490	2495	2498	rBV3	4118	7288	0.18%	0.016%
45	17.880	2527	2532	2542	rBV	169866	295139	7.13%	0.643%
46	18.168	2576	2581	2585	rBV4	7275	11500	0.28%	0.025%
47	18.562	2646	2648	2653	rBV5	4303	4707	0.11%	0.010%
48	18.756	2678	2681	2682	rBV2	6503	6963	0.17%	0.015%
49	18.809	2686	2690	2693	rVV3	10449	10425	0.25%	0.023%
50	19.033	2724	2728	2739	rBV3	28364	50678	1.22%	0.110%
51	19.174	2748	2752	2760	rBV	82960	143226	3.46%	0.312%
52	19.286	2767	2771	2774	rBV2	16962	22073	0.53%	0.048%
53	19.397	2784	2790	2800	rBV	2550587	3414105	82.42%	7.441%
54	19.733	2843	2847	2850	rBV	67256	72779	1.76%	0.159%
55	19.774	2850	2854	2857	rVB	118014	126307	3.05%	0.275%
56	19.933	2875	2881	2885	rBV	87727	114663	2.77%	0.250%
57	20.427	2961	2965	2969	rBV	144567	168371	4.06%	0.367%
58	20.709	3010	3013	3016	rBV	57233	66919	1.62%	0.146%
59	20.744	3016	3019	3023	rVB	94997	103547	2.50%	0.226%
60	20.897	3041	3045	3053	rBV	296221	403359	9.74%	0.879%
61	21.197	3091	3096	3104	rBV	2591142	3247335	78.40%	7.077%
62	21.333	3115	3119	3125	rBV	222630	257894	6.23%	0.562%
63	21.756	3187	3191	3195	rBV	351507	394911	9.53%	0.861%
64	22.203	3263	3267	3274	rVB	471705	627026	15.14%	1.367%
65	22.697	3346	3351	3357	rVB	580782	797774	19.26%	1.739%
66	23.262	3439	3447	3463	rBV3	2004982	4142097	100.00%	9.028%
67	23.403	3464	3471	3483	rVB	1584460	3001367	72.46%	6.541%
68	23.868	3545	3550	3557	rVB	439729	787282	19.01%	1.716%
69	24.591	3668	3673	3683	rVB	290971	628315	15.17%	1.369%

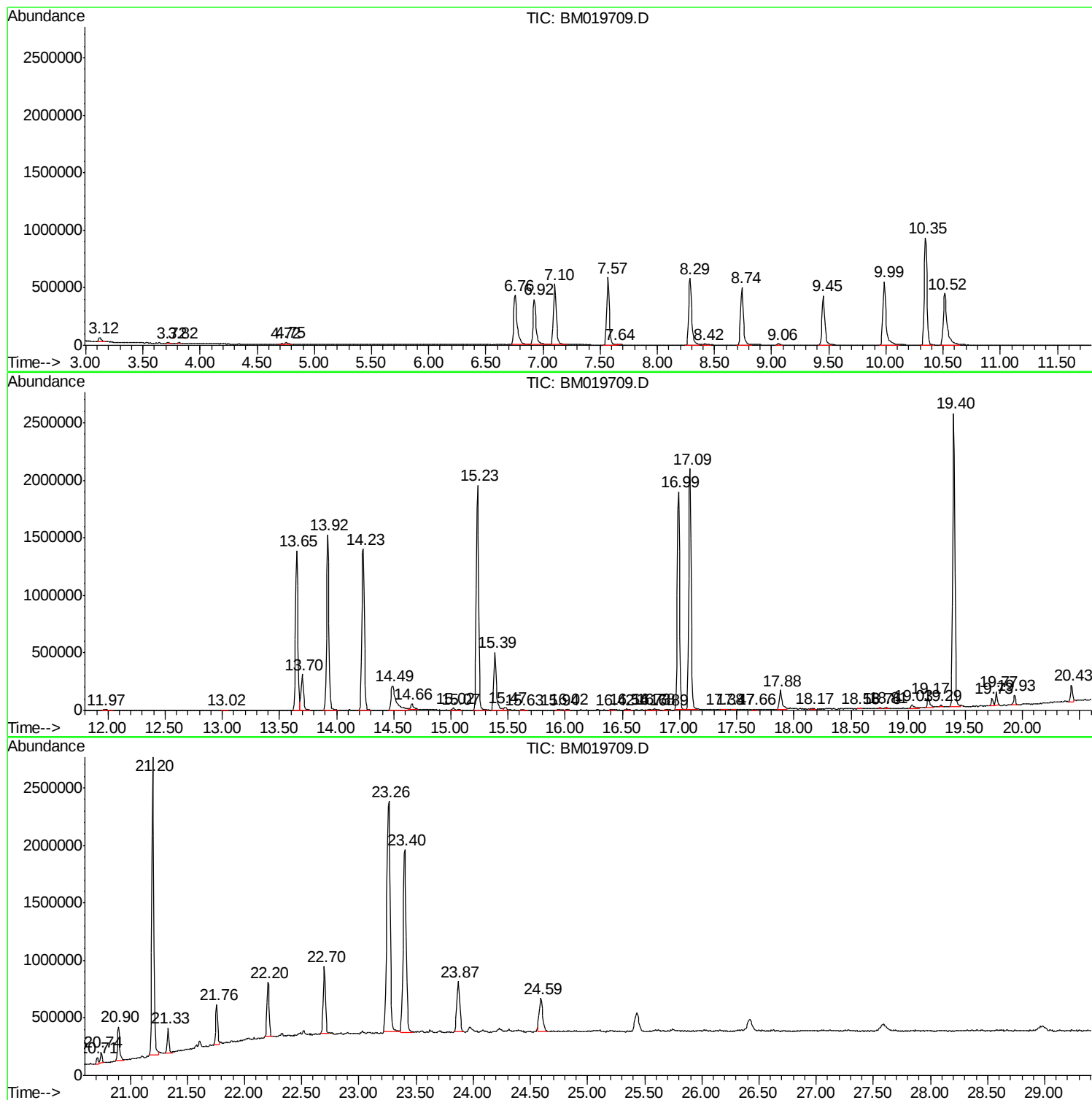
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TIC Library : C:\DATABASE\NIST02.L
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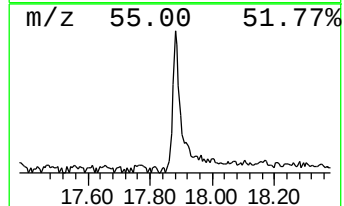
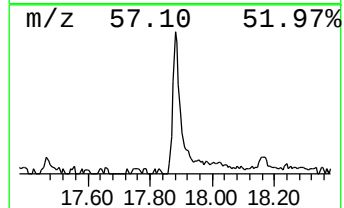
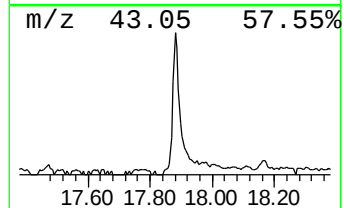
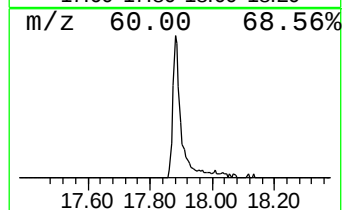
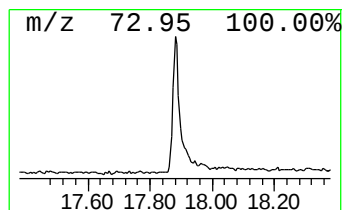
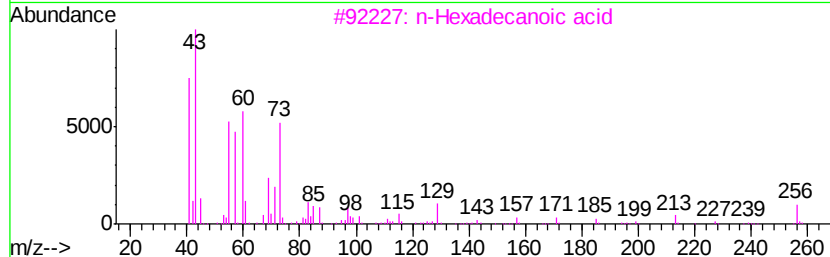
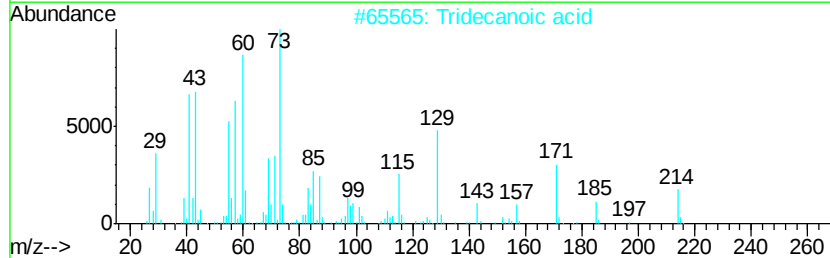
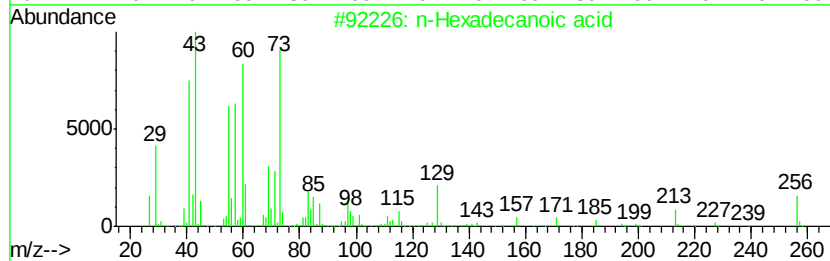
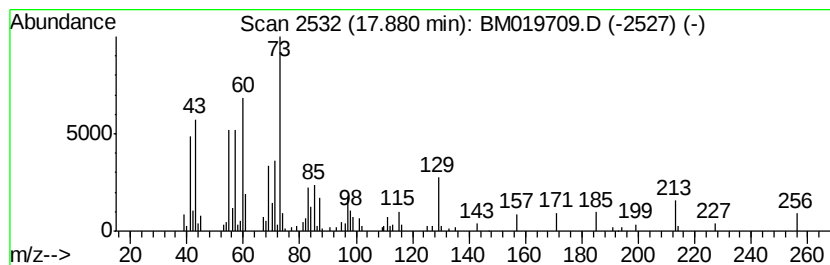
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.88	2.25 ng/ul	295139	Phenanthrene-d10		16.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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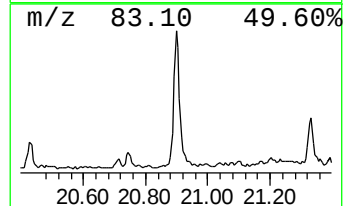
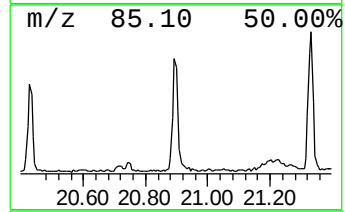
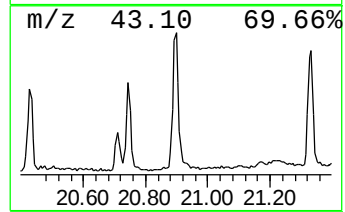
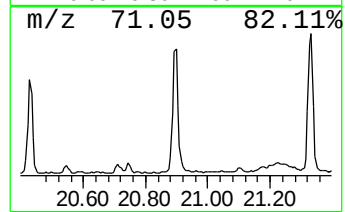
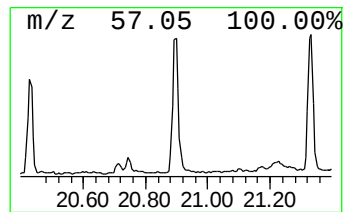
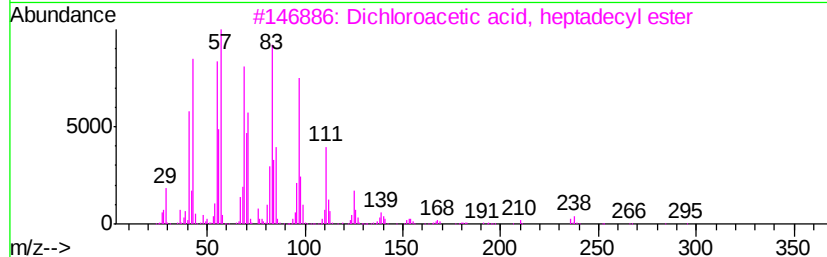
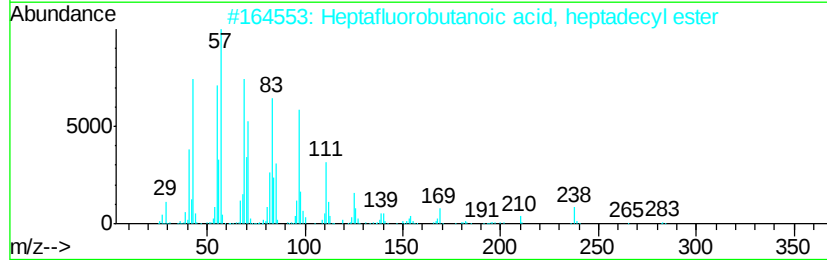
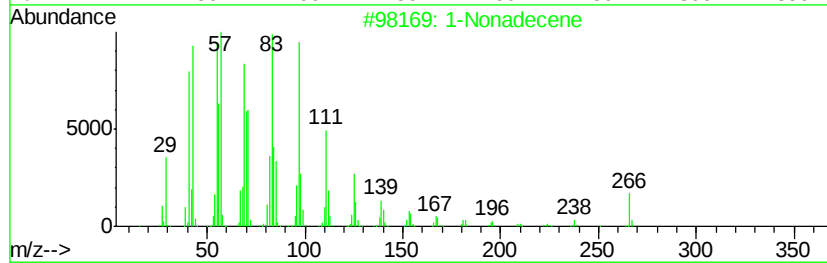
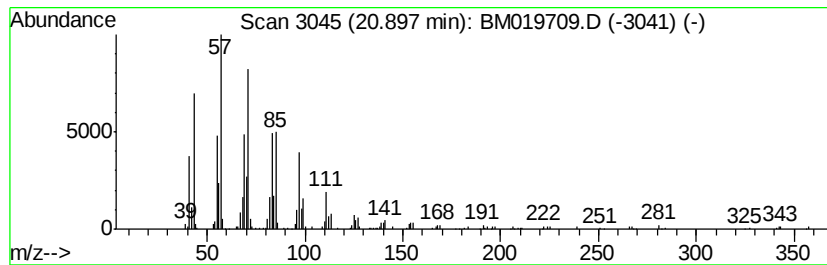
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Cyclic20.90 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.48 ng/ul	403359	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene	266 C19H38	018435-45-5	70
2	Heptafluorobutanoic acid, heptadecyl...	452 C21H35F7O2	1000282-97-3	64
3	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	64
4	Trihexadecyl borate	735 C48H99B03	002665-11-4	62
5	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	60



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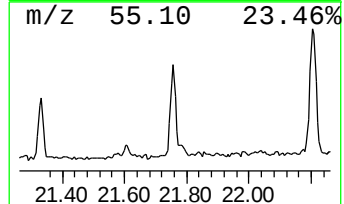
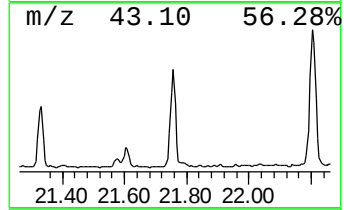
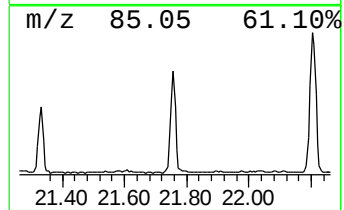
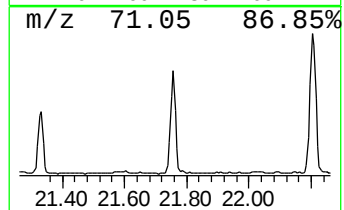
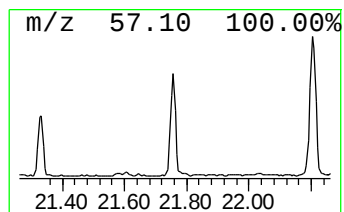
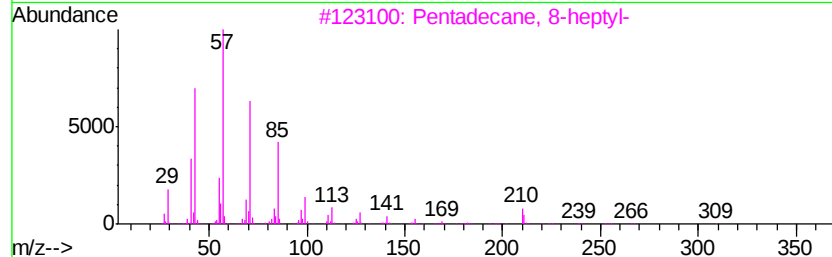
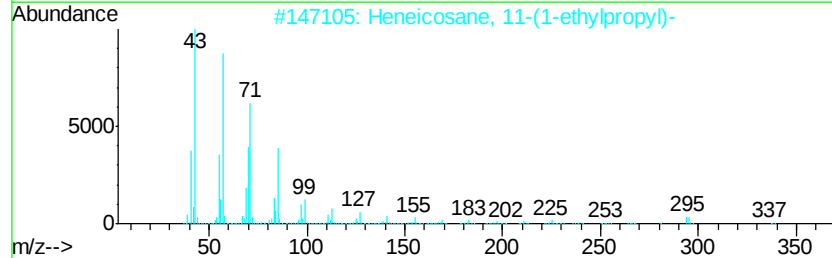
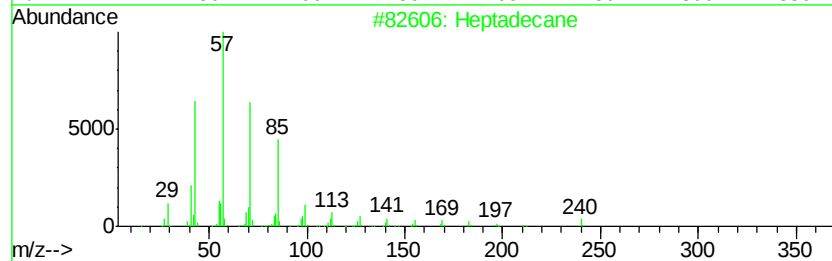
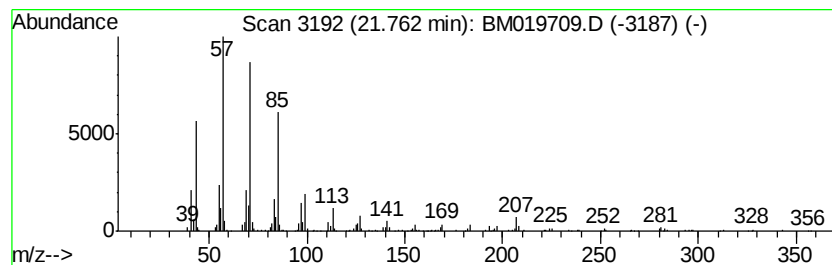
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.43 ng/ul	394911	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5		Nonacosane	408	C29H60	000630-03-5	90



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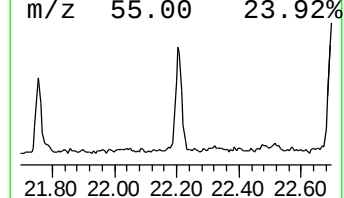
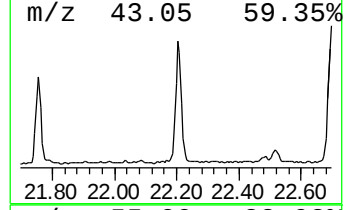
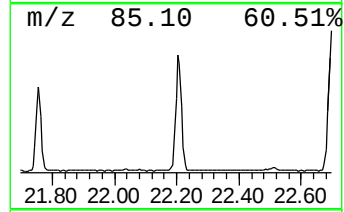
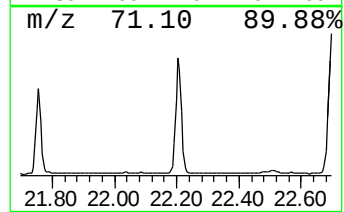
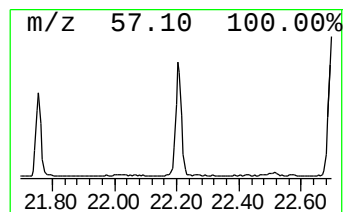
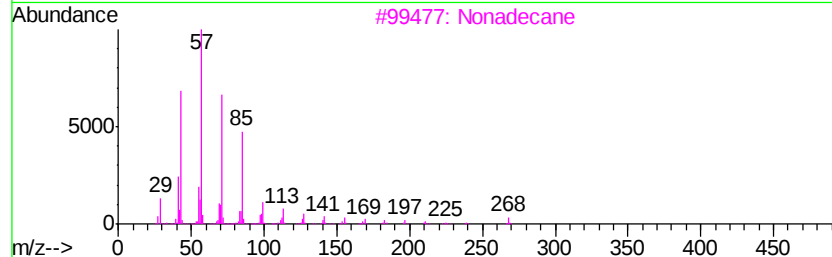
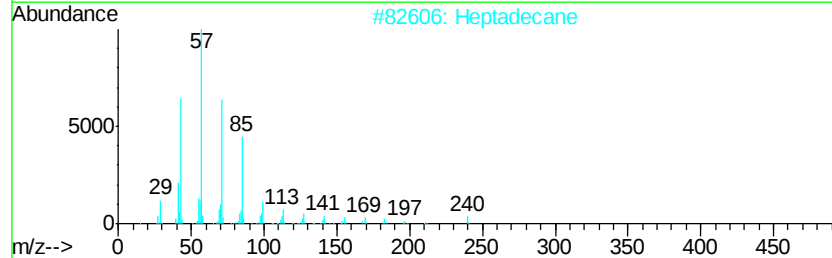
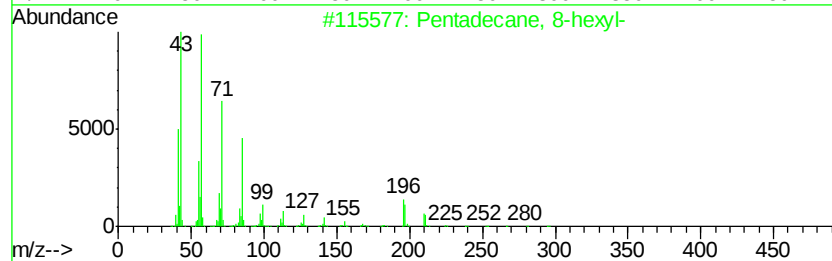
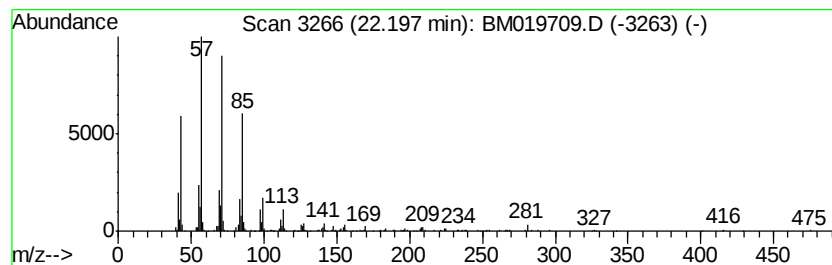
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	3.86 ng/ul	627026	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2		Heptadecane	240	C17H36	000629-78-7	87
3		Nonadecane	268	C19H40	000629-92-5	86
4		Tetradecane	198	C14H30	000629-59-4	80
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	80



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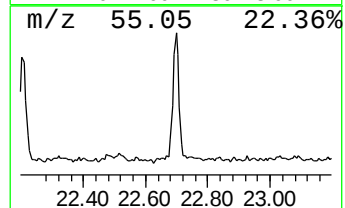
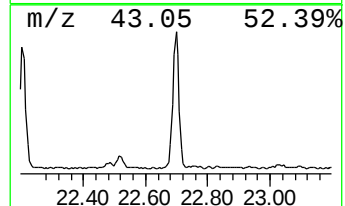
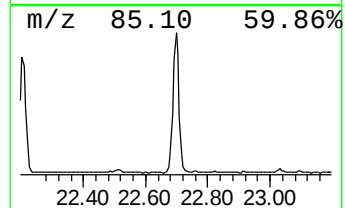
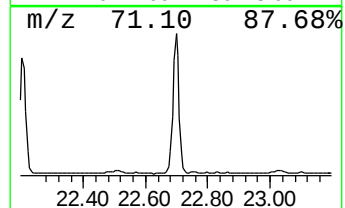
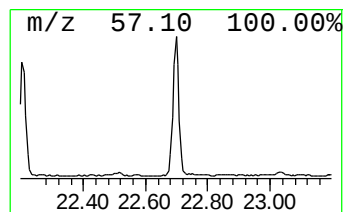
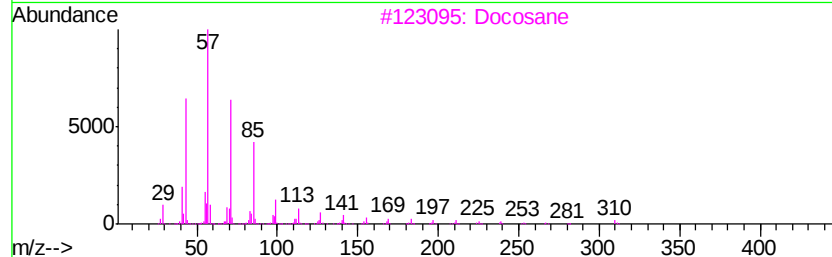
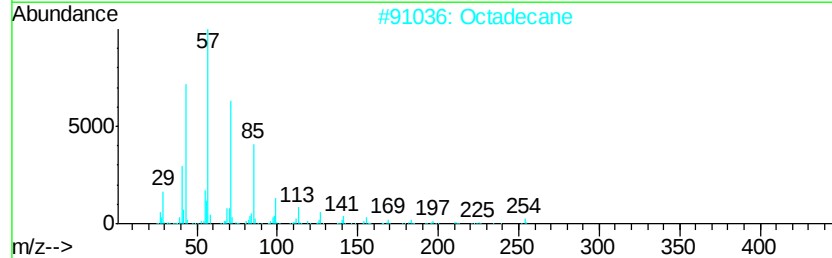
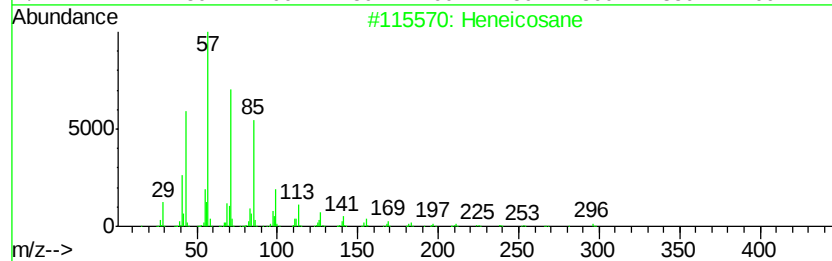
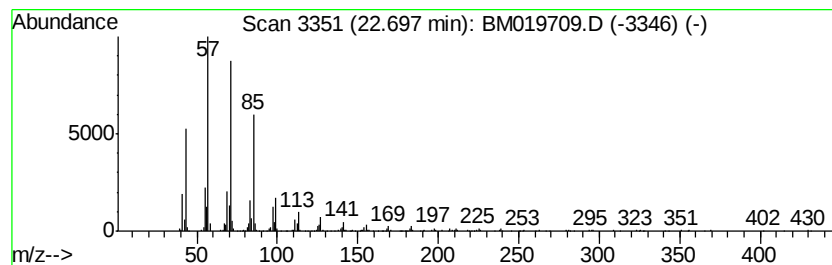
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	5.32 ng/ul	797774	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octadecane	254	C18H38	000593-45-3	90
3		Docosane	310	C22H46	000629-97-0	90
4		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019709.D
Acq On : 03 Apr 2019 01:58
Operator : JU/SJ
Sample : K2168-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF643

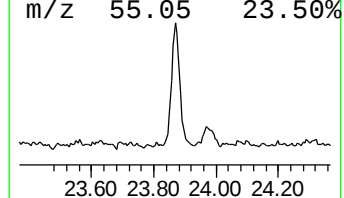
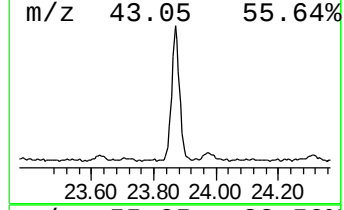
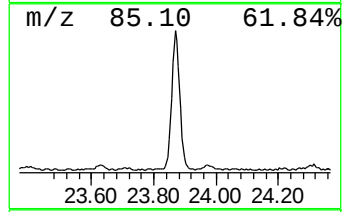
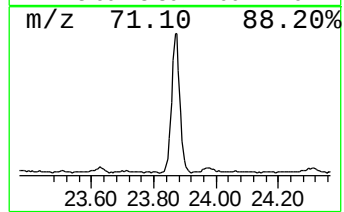
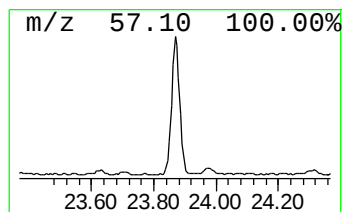
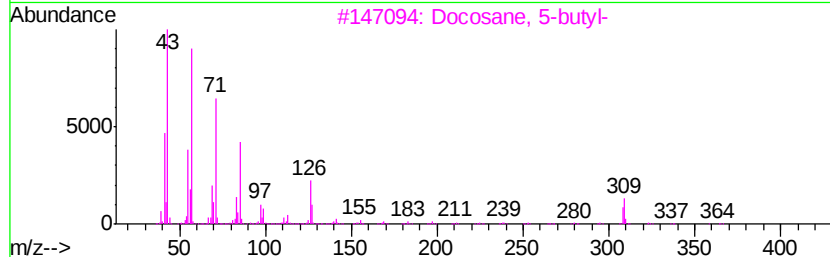
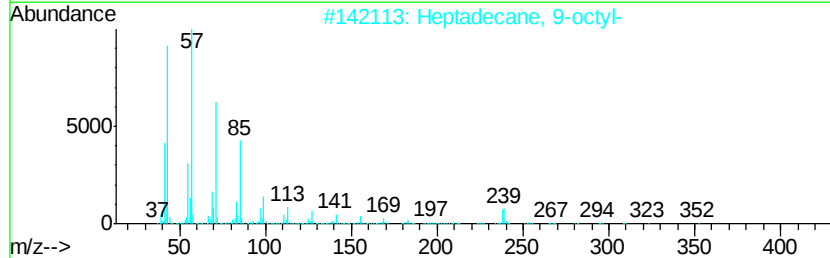
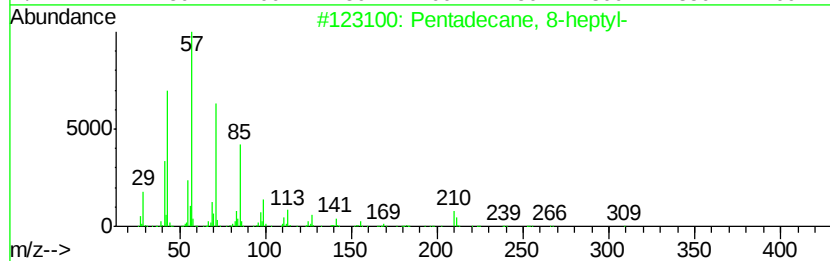
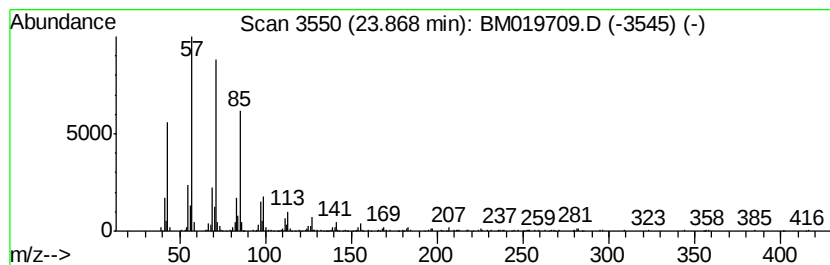
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Quant Title : SVOA CALIBRATION

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.
23.87	5.25 ng/ul	787282	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3			Docosane, 5-butyl-	366	C26H54	055282-16-1	90
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5			Pentacosane	352	C25H52	000629-99-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019709.D
Acq On : 03 Apr 2019 01:58
Operator : JU/SJ
Sample : K2168-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF643

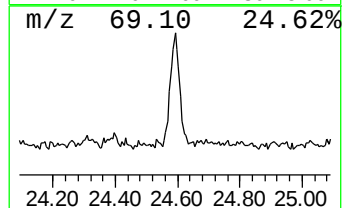
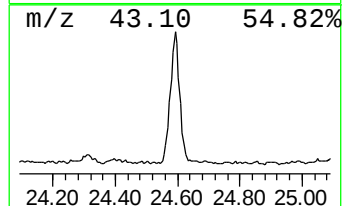
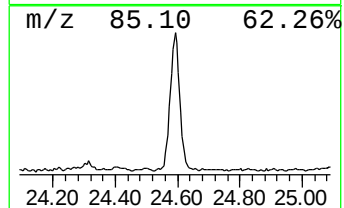
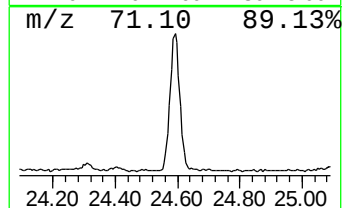
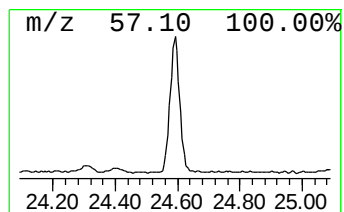
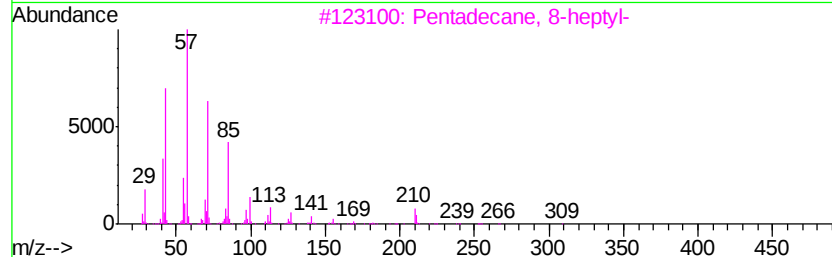
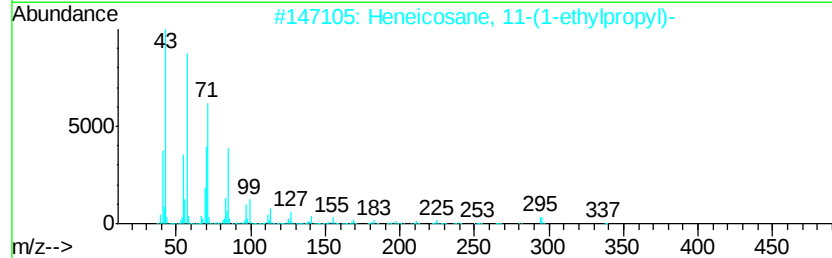
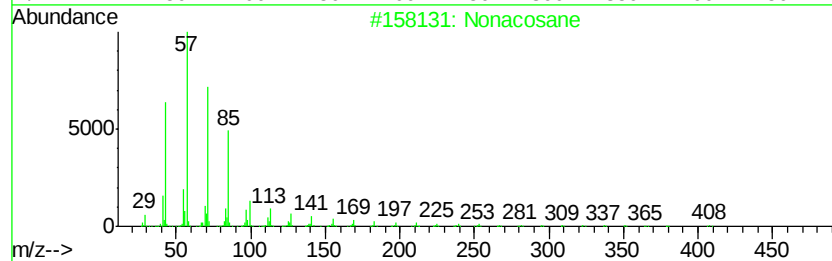
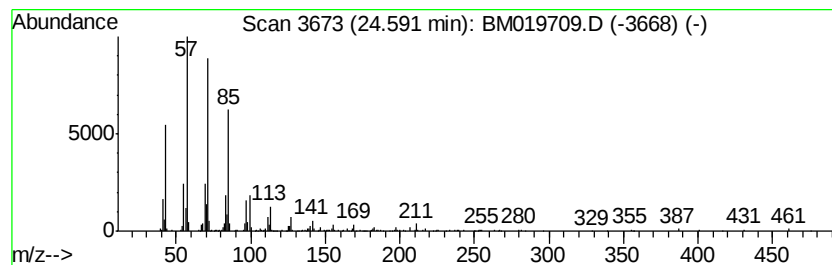
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Quant Title : SVOA CALIBRATION

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.
24.59	4.19 ng/ul	628315	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	90
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019709.D
Acq On : 03 Apr 2019 01:58
Operator : JU/SJ
Sample : K2168-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF643

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	17.88	2.3	ng/ul	295139	4	16.99	2621530	20.0
(DEL) Alkane: Cyc...	20.90	2.5	ng/ul	403359	5	21.20	3247340	20.0
(DEL) Alkane: Str...	21.76	2.4	ng/ul	394911	5	21.20	3247340	20.0
(DEL) Alkane: Str...	22.20	3.9	ng/ul	627026	5	21.20	3247340	20.0
(DEL) Alkane: Str...	22.70	5.3	ng/ul	797774	6	23.40	3001370	20.0
(DEL) Alkane: Str...	23.87	5.3	ng/ul	787282	6	23.40	3001370	20.0
(DEL) Alkane: Str...	24.59	4.2	ng/ul	628315	6	23.40	3001370	20.0