

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005298.D
 Acq On : 26 Apr 2019 01:52
 Operator : JU/SJ
 Sample : K2481-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX4

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_N\METHODS\SOM-EPA-BN041919MA.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	3.217	35	39	45	rVB	76670	102274	0.72%	0.068%
2	3.911	154	157	161	rVB4	14043	20437	0.14%	0.014%
3	5.722	463	465	470	rVB3	15868	18631	0.13%	0.012%
4	6.775	637	644	654	rBV	1682001	2688088	18.80%	1.791%
5	6.940	666	672	685	rVB	1376866	2128057	14.88%	1.418%
6	7.134	698	705	714	rBV	1652229	2662998	18.62%	1.774%
7	7.263	723	727	732	rVB4	23082	40893	0.29%	0.027%
8	7.340	736	740	745	rVB4	12326	19610	0.14%	0.013%
9	7.593	776	783	791	rBV	1578990	2518213	17.61%	1.678%
10	7.663	791	795	806	rVB	89667	150365	1.05%	0.100%
11	8.122	868	873	878	rBV5	12548	19518	0.14%	0.013%
12	8.293	895	902	912	rBV	2238932	3559061	24.89%	2.371%
13	8.734	969	977	985	rVB	1807254	2906024	20.32%	1.936%
14	8.852	992	997	1001	rBV7	10217	17586	0.12%	0.012%
15	9.181	1049	1053	1060	rVB3	27461	38881	0.27%	0.026%
16	9.446	1091	1098	1105	rBV	1510766	2441636	17.08%	1.627%
17	9.981	1179	1189	1202	rBV	2215803	3784157	26.46%	2.521%
18	10.357	1245	1253	1260	rBV	2274920	3914180	27.37%	2.608%
19	10.493	1267	1276	1292	rBV	2283161	3925026	27.45%	2.615%
20	10.752	1310	1320	1325	rBV8	9977	32504	0.23%	0.022%
21	11.951	1518	1524	1532	rBV3	35834	70269	0.49%	0.047%
22	12.034	1532	1538	1543	rVB4	8468	18473	0.13%	0.012%
23	13.457	1774	1780	1787	rVV	82329	123641	0.86%	0.082%
24	13.646	1805	1812	1816	rBV	4638359	6520236	45.60%	4.344%
25	13.693	1816	1820	1832	rVB	963907	1336285	9.35%	0.890%
26	13.916	1851	1858	1869	rBV	5193527	7564980	52.90%	5.040%
27	14.157	1895	1899	1902	rBV2	12638	15911	0.11%	0.011%
28	14.228	1902	1911	1919	rVV2	3699774	5633012	39.39%	3.753%
29	14.434	1939	1946	1961	rBV	2151498	3473071	24.29%	2.314%
30	14.598	1970	1974	1979	rVB8	10064	17155	0.12%	0.011%
31	14.675	1981	1987	1991	rBV7	13091	24758	0.17%	0.016%
32	15.051	2048	2051	2054	rBV2	10383	14384	0.10%	0.010%
33	15.116	2057	2062	2066	rVB5	20002	30149	0.21%	0.020%
34	15.228	2074	2081	2095	rVB	6764812	9453460	66.11%	6.298%

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35	15.351	2095	2102	2117	rBV	2088220	3043267	21.28%	2.027%
36	15.469	2117	2122	2127	rVB	77787	118927	0.83%	0.079%
37	15.616	2144	2147	2151	rVB5	12085	15379	0.11%	0.010%
38	15.910	2194	2197	2203	rBV7	11489	22108	0.15%	0.015%
39	16.010	2211	2214	2221	rVB6	28879	45902	0.32%	0.031%
40	16.416	2277	2283	2284	rBV5	10017	15927	0.11%	0.011%
41	16.663	2319	2325	2330	rVB7	13965	22114	0.15%	0.015%
42	16.769	2339	2343	2347	rBV2	36842	50299	0.35%	0.034%
43	16.981	2372	2379	2389	rVB2	5159422	7321731	51.20%	4.878%
44	17.081	2389	2396	2405	rBV	7737848	10748939	75.17%	7.161%
45	17.192	2411	2415	2418	rVB6	11718	17030	0.12%	0.011%
46	17.369	2440	2445	2448	rBV4	12077	21742	0.15%	0.014%
47	17.516	2466	2470	2473	rVB5	15015	17355	0.12%	0.012%
48	17.910	2532	2537	2544	rBV	1188744	1803234	12.61%	1.201%
49	17.969	2544	2547	2558	rVB	315102	498067	3.48%	0.332%
50	18.210	2584	2588	2597	rBV7	36748	68575	0.48%	0.046%
51	18.851	2693	2697	2701	rBV	60477	80237	0.56%	0.053%
52	19.022	2722	2726	2729	rBV	99107	135750	0.95%	0.090%
53	19.057	2729	2732	2733	rVV2	46519	55473	0.39%	0.037%
54	19.081	2734	2736	2745	rVB7	58503	107016	0.75%	0.071%
55	19.210	2753	2758	2766	rBV	800739	1361905	9.52%	0.907%
56	19.275	2766	2769	2780	rVV	151813	317030	2.22%	0.211%
57	19.392	2780	2789	2795	rVV	9672036	13418854	93.84%	8.940%
58	19.439	2795	2797	2801	rVV	170265	202310	1.41%	0.135%
59	19.475	2801	2803	2808	rVB3	94220	108078	0.76%	0.072%
60	19.986	2886	2890	2895	rBV	427489	470839	3.29%	0.314%
61	20.304	2942	2944	2946	rBV3	25062	24805	0.17%	0.017%
62	20.357	2946	2953	2957	rVB5	86649	163072	1.14%	0.109%
63	20.486	2971	2975	2979	rBV	932465	1022104	7.15%	0.681%
64	20.528	2979	2982	2987	rVB6	39220	45549	0.32%	0.030%
65	20.792	3024	3027	3031	rVB4	51248	51535	0.36%	0.034%
66	20.957	3050	3055	3062	rBV	1439277	1945278	13.60%	1.296%
67	21.216	3093	3099	3109	rBV	6465689	8824067	61.71%	5.879%
68	21.410	3127	3132	3135	rBV	1168672	1353461	9.47%	0.902%
69	21.639	3168	3171	3175	rBV2	127653	158997	1.11%	0.106%
70	21.680	3176	3178	3182	rVB3	62089	65672	0.46%	0.044%
71	21.845	3201	3206	3212	rBV	1079605	1375553	9.62%	0.916%

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72	22.304	3279	3284	3290	rVB	931226	1158974	8.11%	0.772%
73	22.427	3301	3305	3308	rVB	157075	176587	1.23%	0.118%
74	22.804	3364	3369	3374	rBV	814691	1112292	7.78%	0.741%
75	23.286	3442	3451	3458	rBV2	7939600	14299461	100.00%	9.526%
76	23.363	3459	3464	3467	rVV	743690	1199566	8.39%	0.799%
77	23.421	3467	3474	3484	rVB2	4888032	9184390	64.23%	6.119%
78	23.998	3565	3572	3580	rBV	559639	1110690	7.77%	0.740%
79	24.727	3689	3696	3707	rVB2	417505	926194	6.48%	0.617%
80	25.574	3834	3840	3848	rVB	233482	535028	3.74%	0.356%

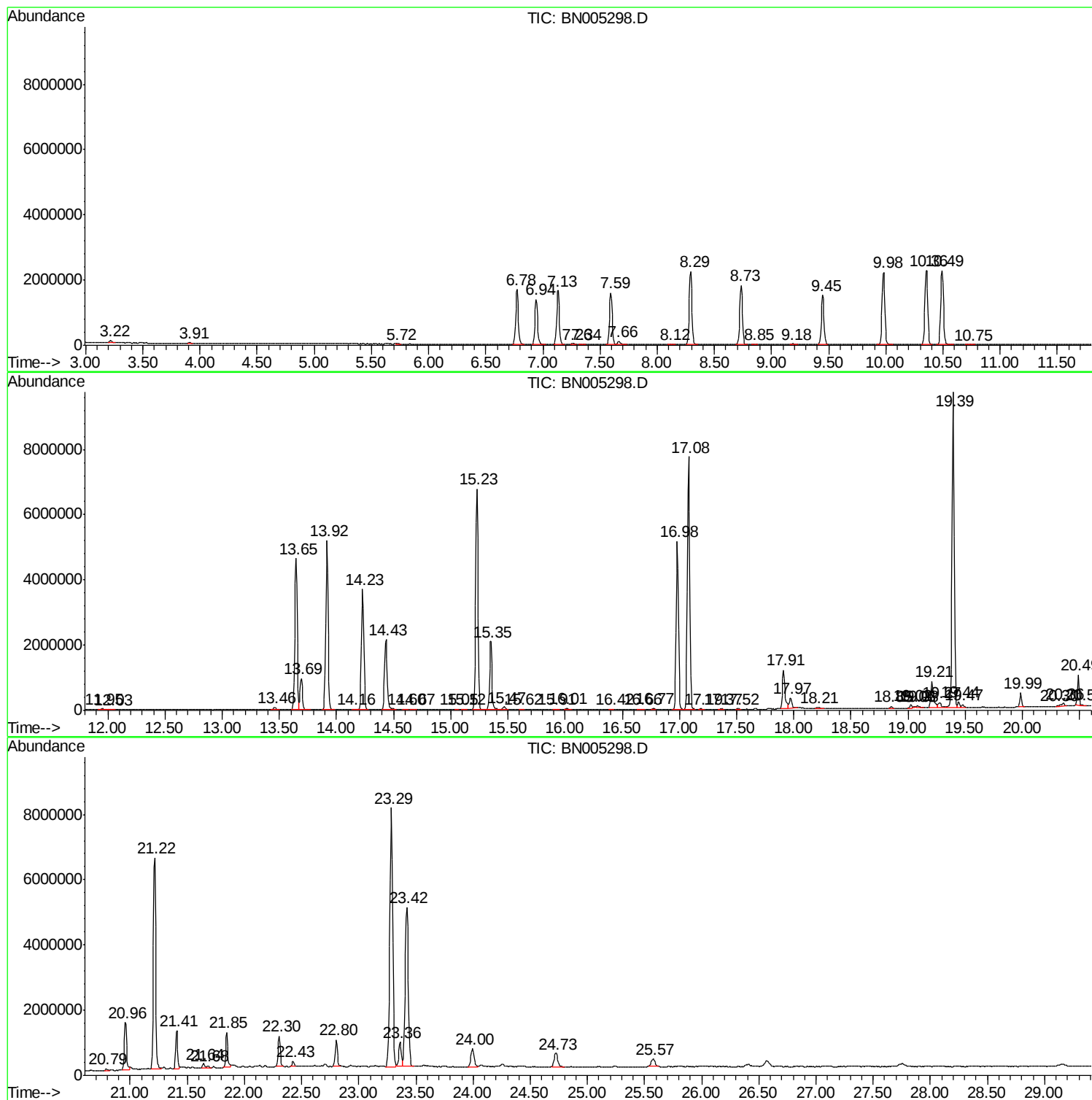
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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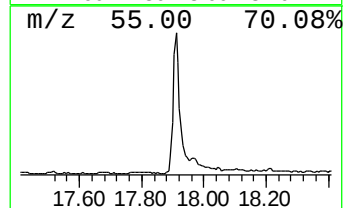
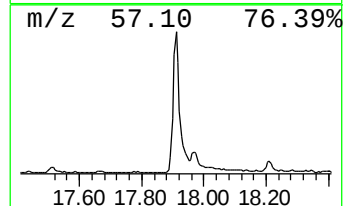
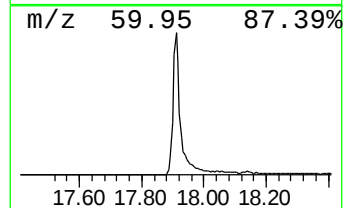
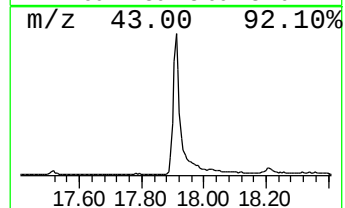
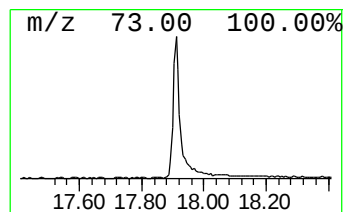
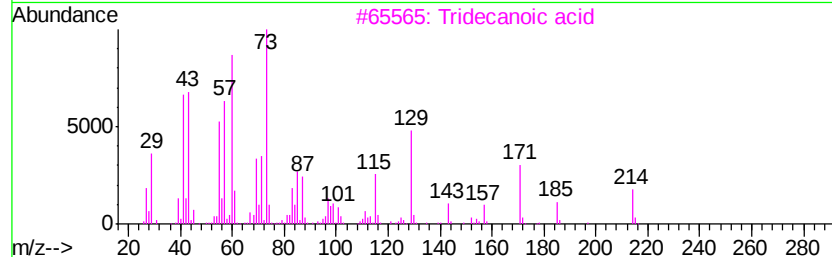
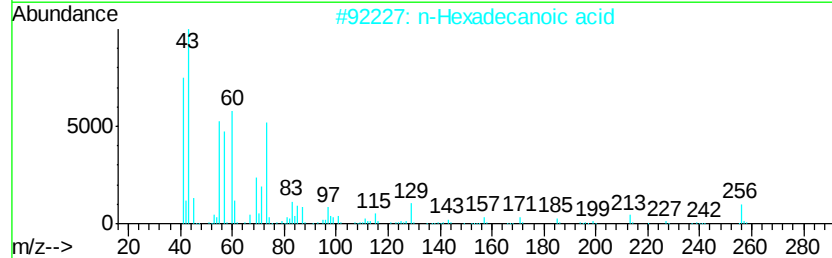
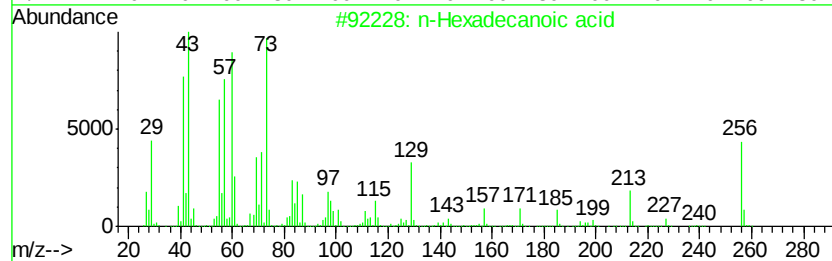
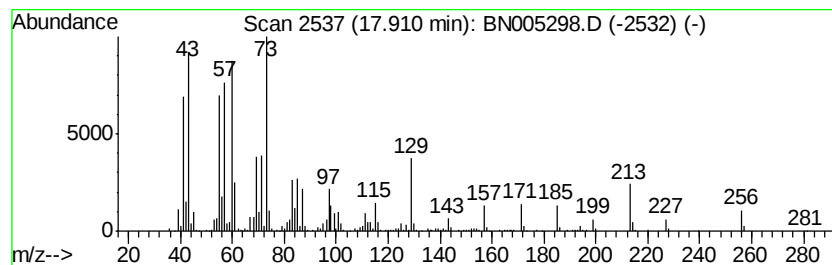
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.91	4.93 ng/ul	1803230	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87



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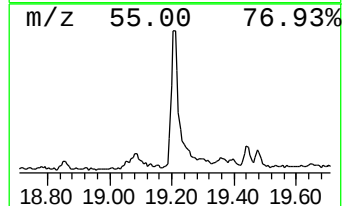
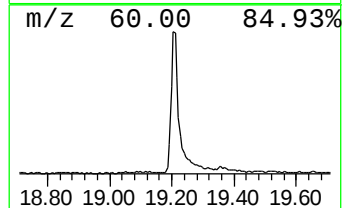
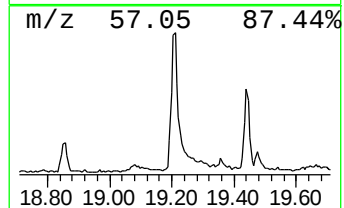
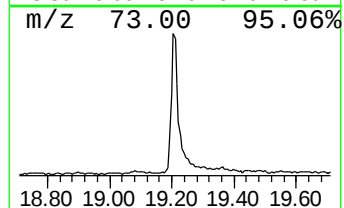
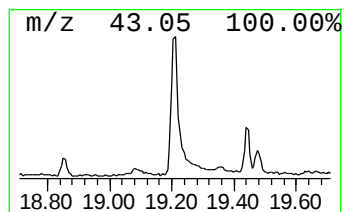
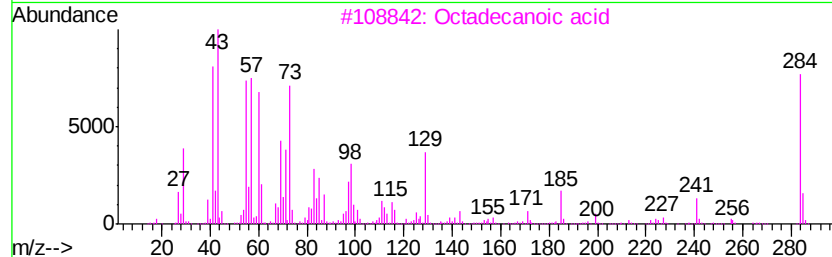
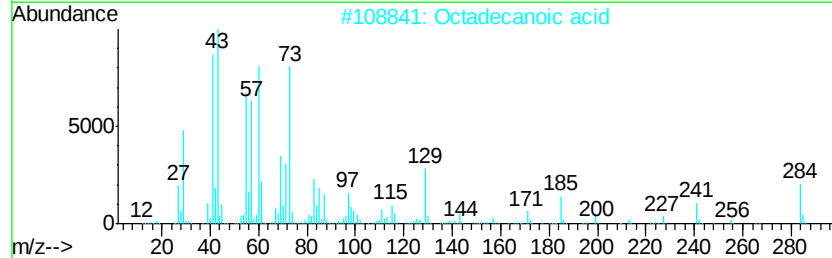
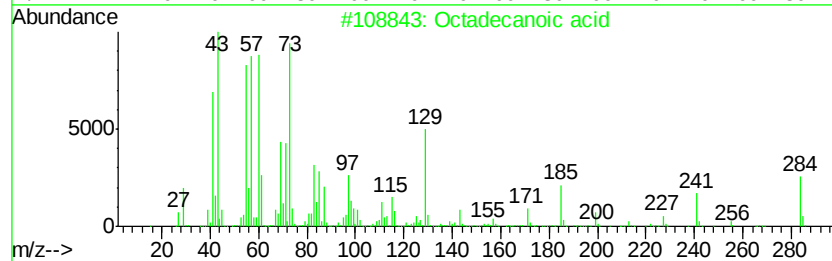
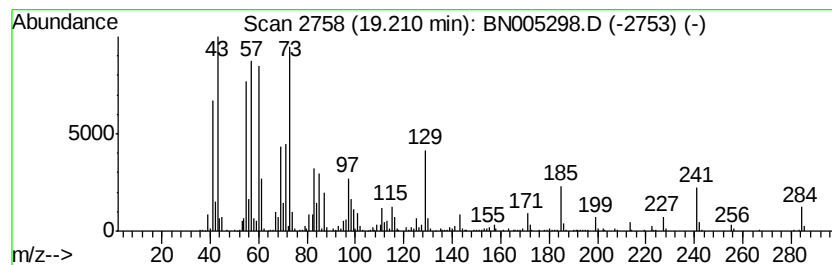
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	3.09 ng/ul	1361910	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	95
4		Octadecanoic acid	284	C18H36O2	000057-11-4	94
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	91



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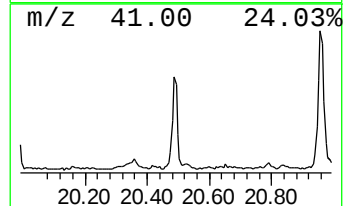
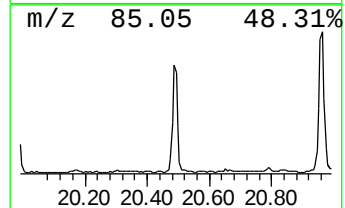
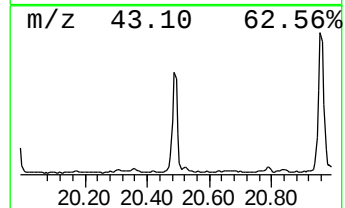
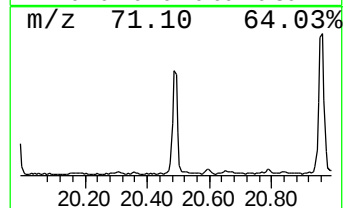
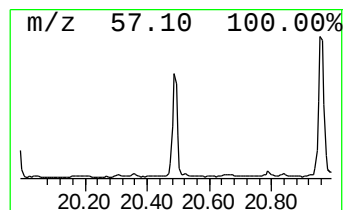
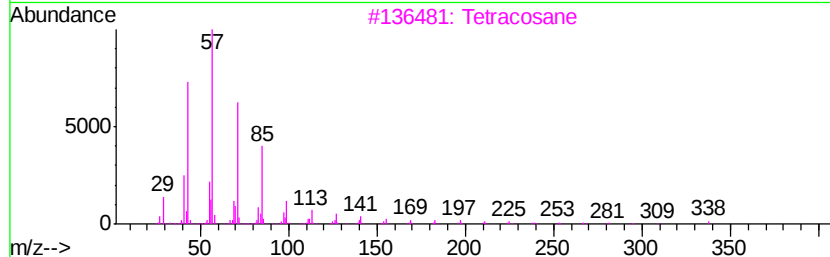
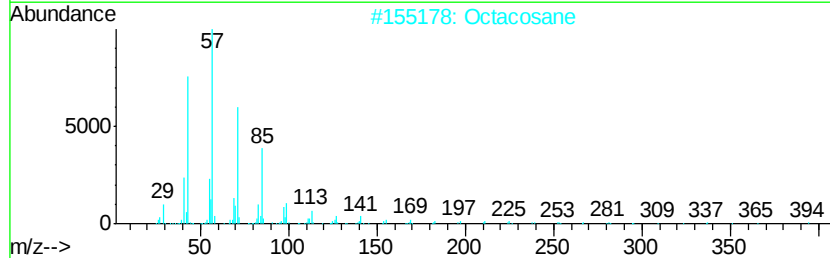
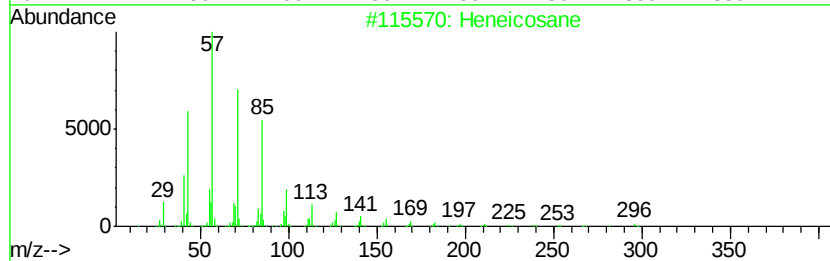
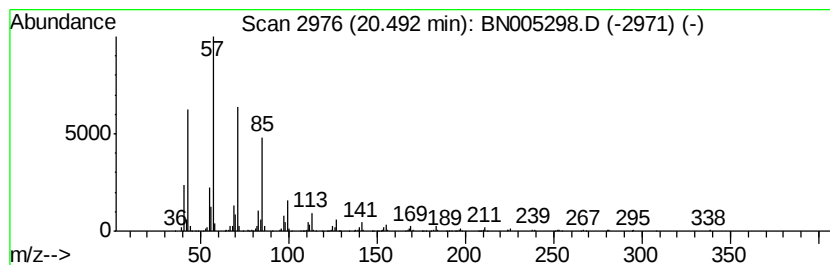
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	2.32 ng/ul	1022100	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Octadecane	254	C18H38	000593-45-3	91
5			Heneicosane	296	C21H44	000629-94-7	91



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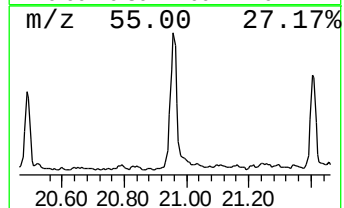
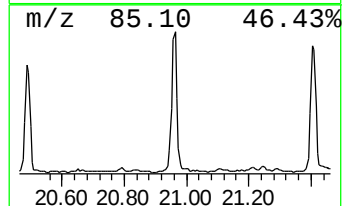
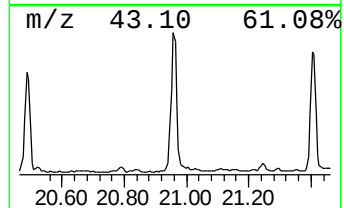
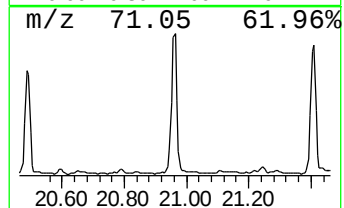
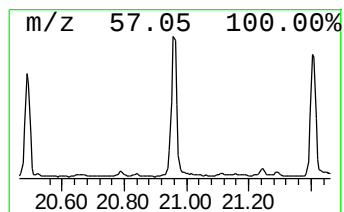
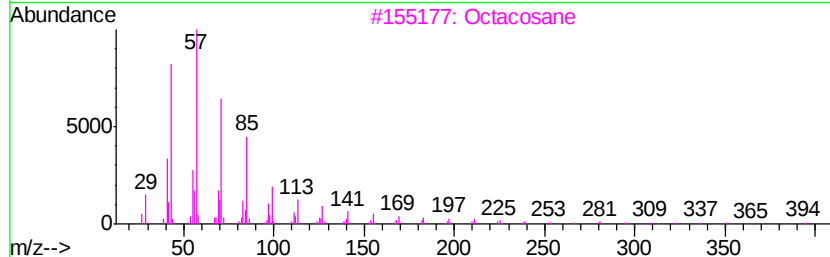
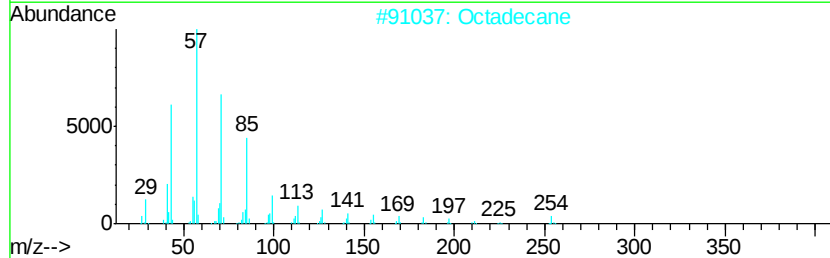
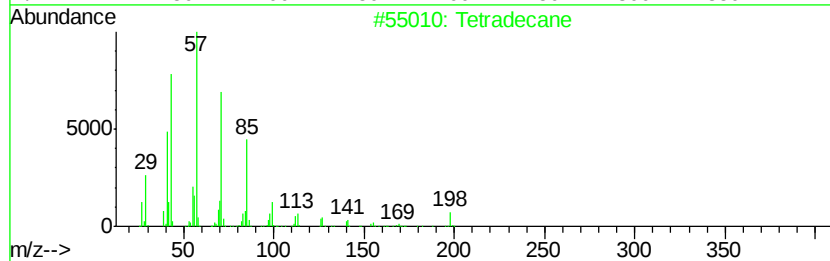
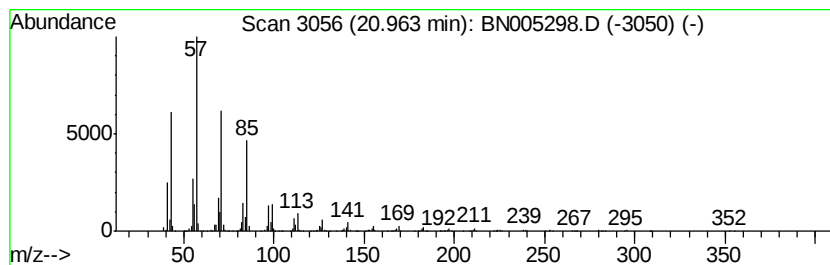
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	4.41 ng/ul	1945280	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	94
2		Octadecane	254	C18H38	000593-45-3	93
3		Octacosane	394	C28H58	000630-02-4	91
4		Tritetracontane	605	C43H88	007098-21-7	91
5		Hexatriacontane	507	C36H74	000630-06-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005298.D
Acq On : 26 Apr 2019 01:52
Operator : JU/SJ
Sample : K2481-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX4

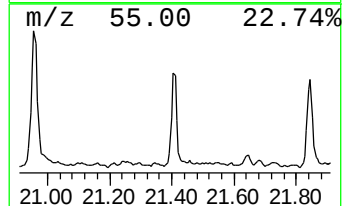
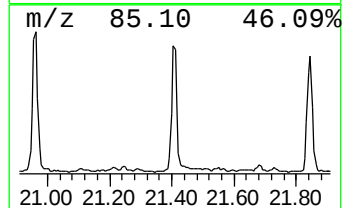
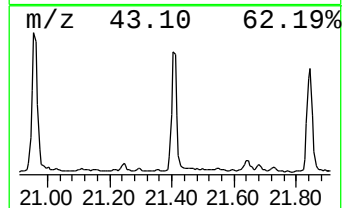
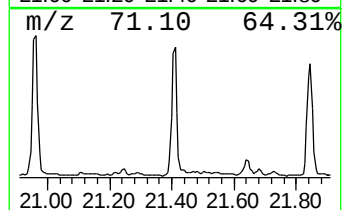
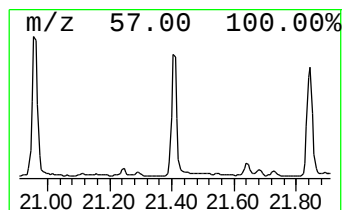
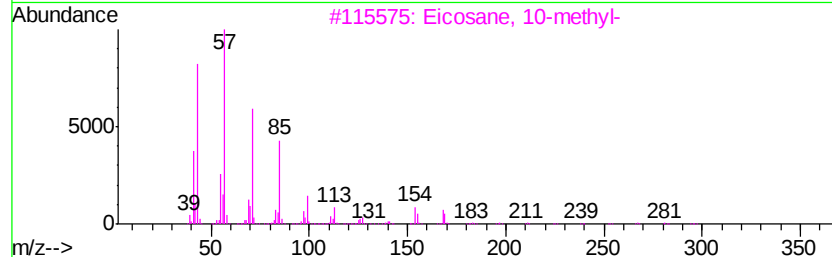
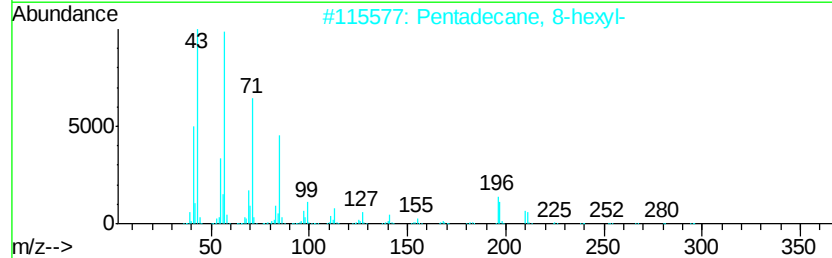
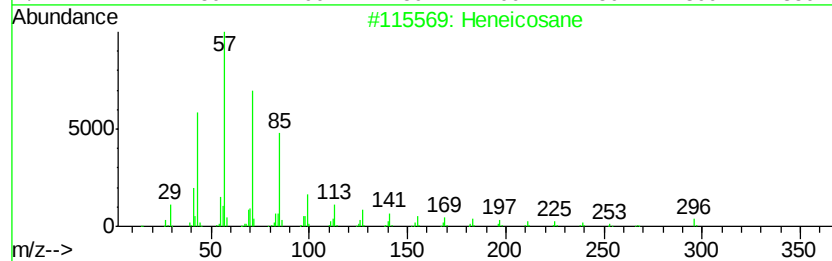
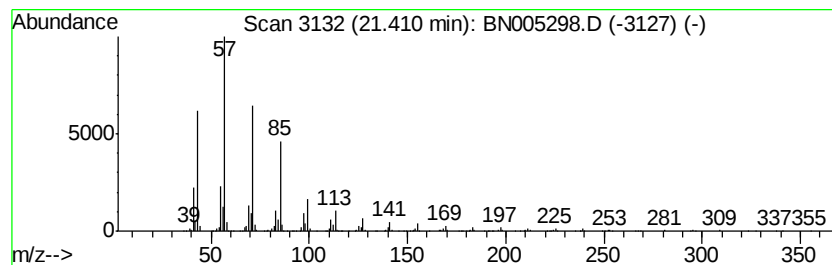
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Quant Title : SVOA CALIBRATION

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.
21.41	3.07 ng/ul	1353460	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Pentacosane	352	C25H52	000629-99-2	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005298.D
Acq On : 26 Apr 2019 01:52
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Sample : K2481-21
Misc :
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Instrument :
BNA_N
ClientSampleId :
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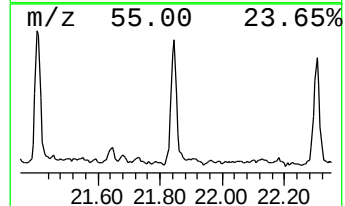
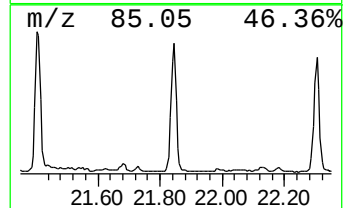
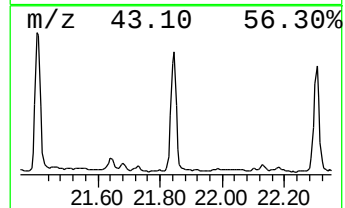
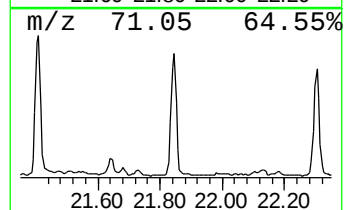
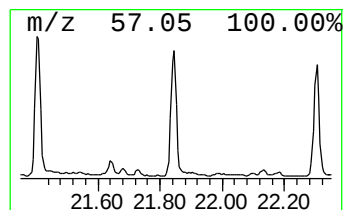
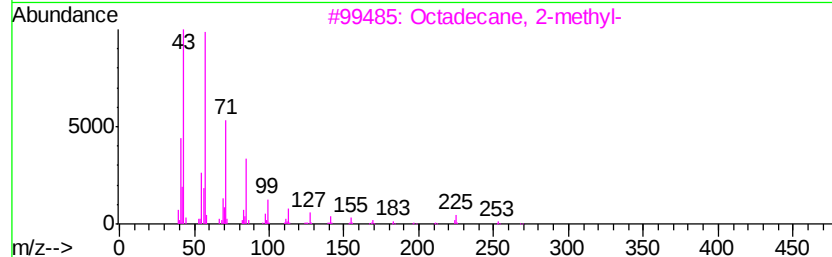
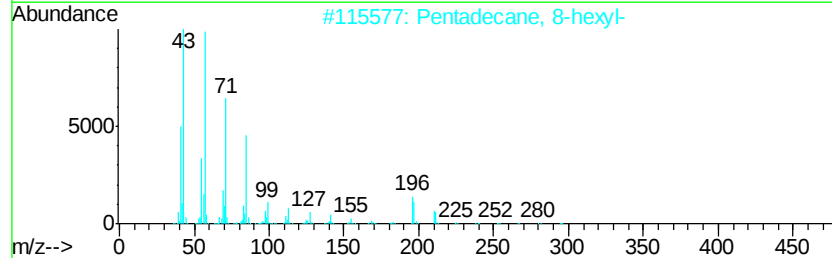
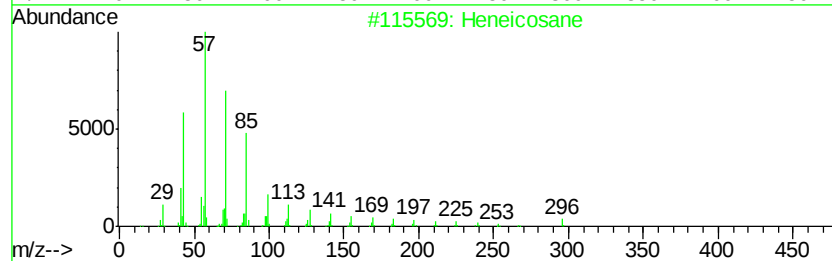
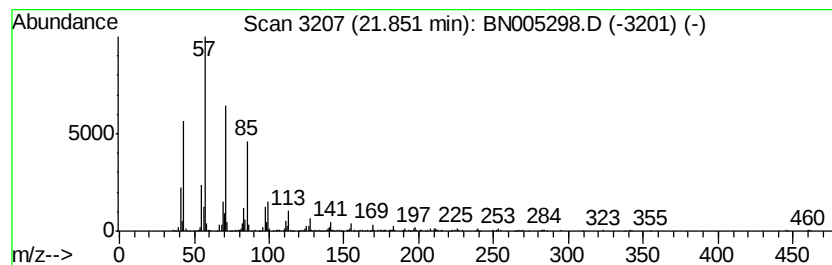
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	3.12 ng/ul	1375550	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
4			Heneicosane	296	C21H44	000629-94-7	91
5			Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005298.D
Acq On : 26 Apr 2019 01:52
Operator : JU/SJ
Sample : K2481-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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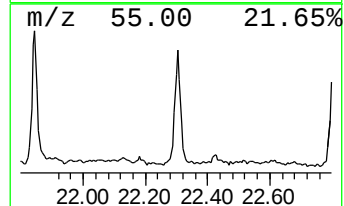
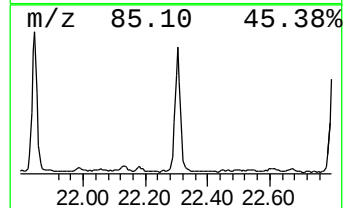
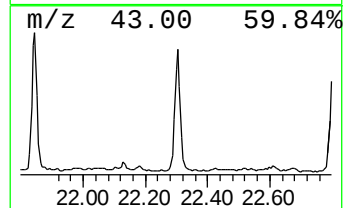
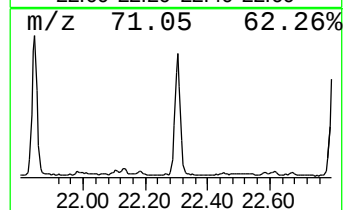
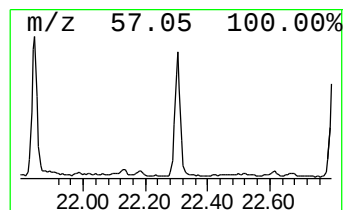
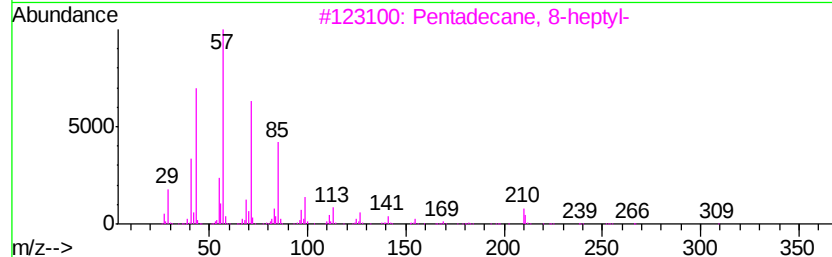
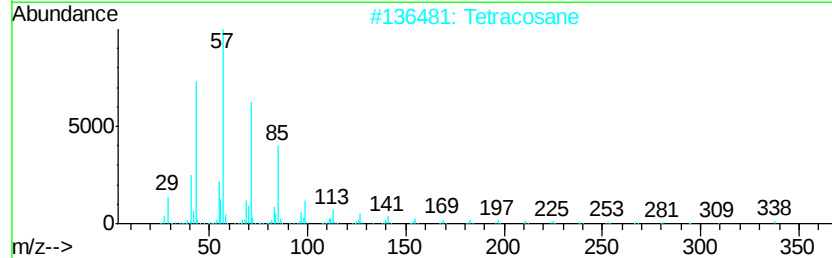
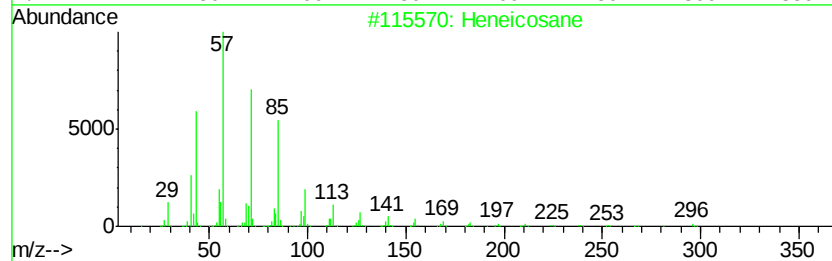
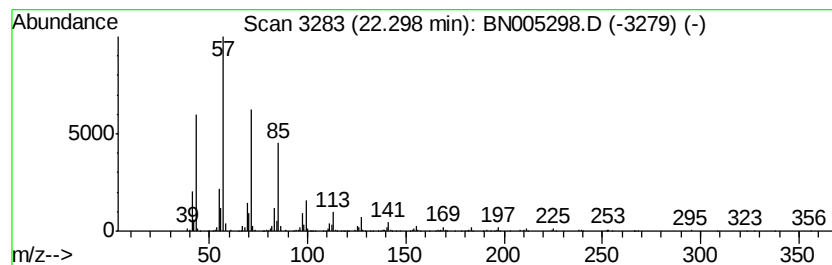
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	2.63 ng/ul	1158970	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		triacontane	422	C30H62	000638-68-6	91
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005298.D
Acq On : 26 Apr 2019 01:52
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Misc :
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ClientSampleId :
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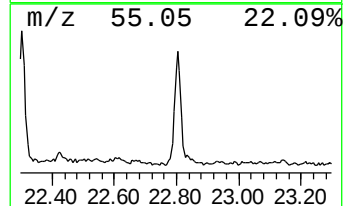
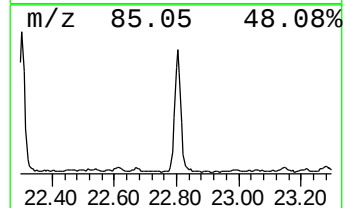
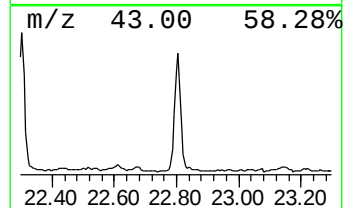
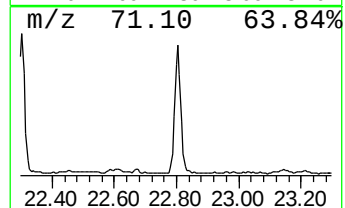
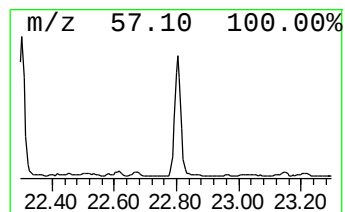
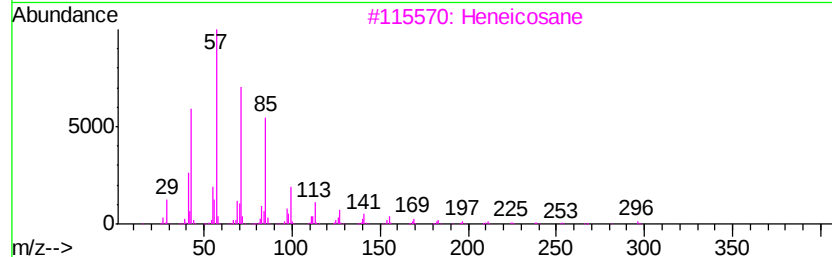
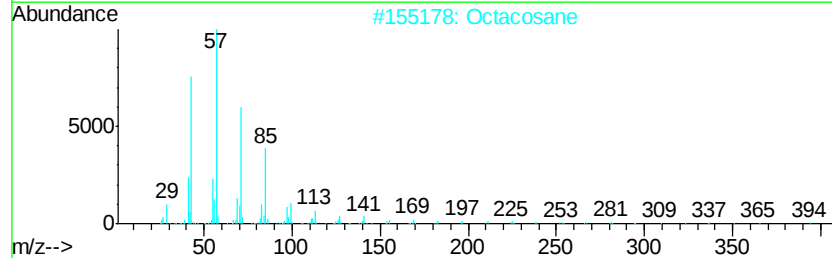
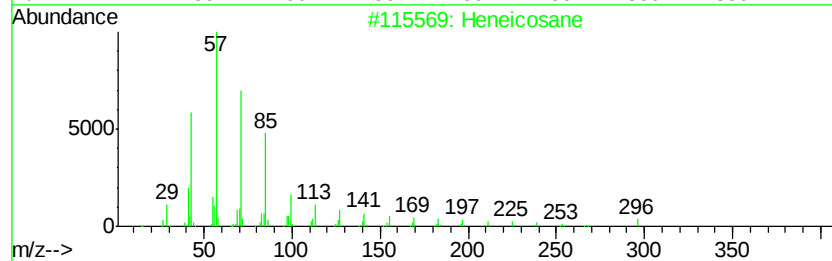
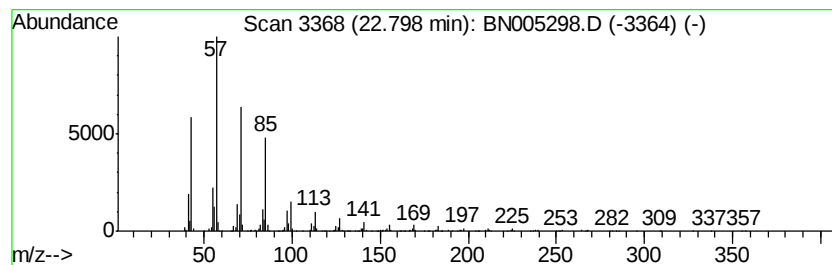
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.42 ng/ul	1112290	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005298.D
Acq On : 26 Apr 2019 01:52
Operator : JU/SJ
Sample : K2481-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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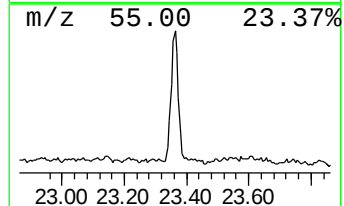
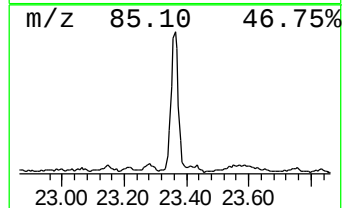
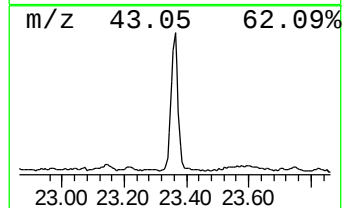
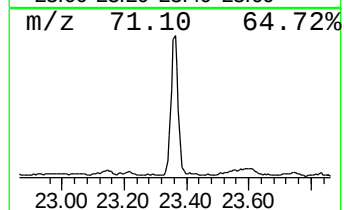
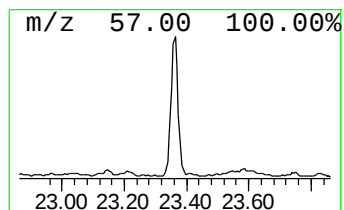
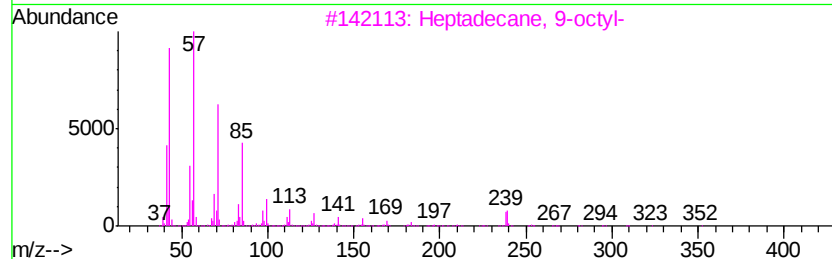
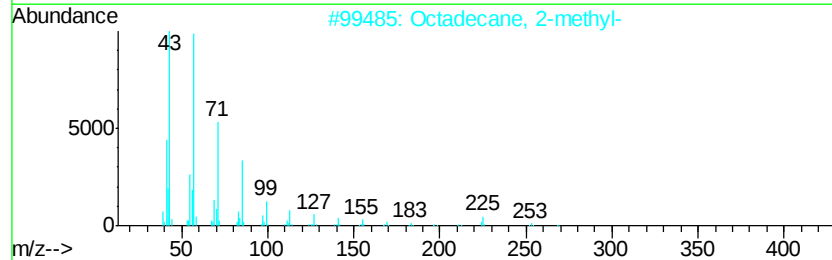
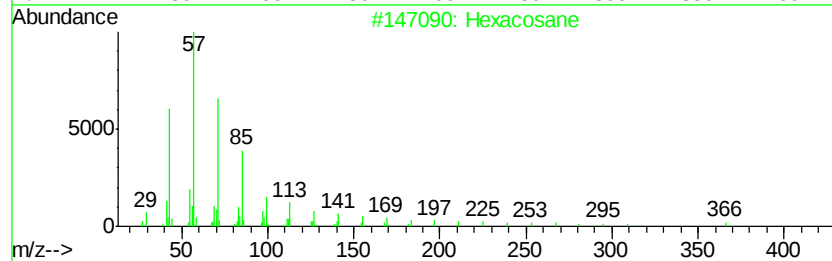
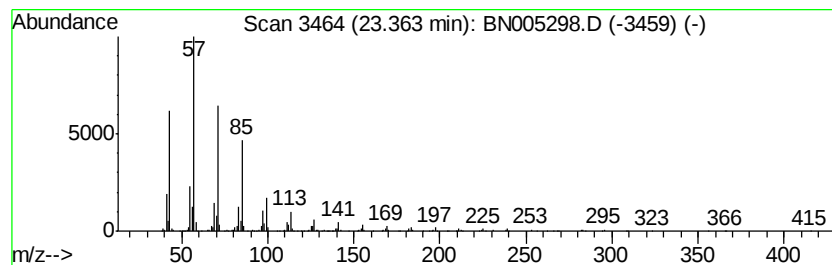
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	2.61 ng/ul	1199570	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Nonacosane	408	C29H60	000630-03-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005298.D
Acq On : 26 Apr 2019 01:52
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Misc :
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ClientSampleId :
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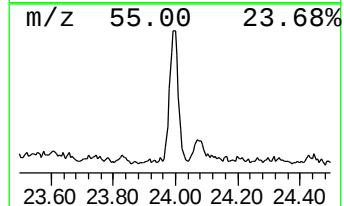
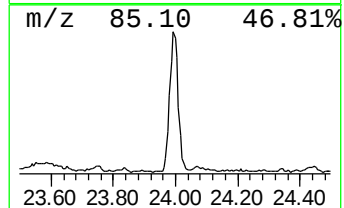
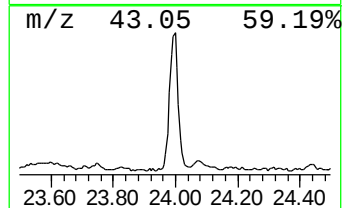
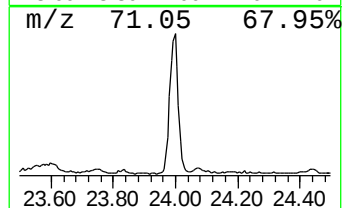
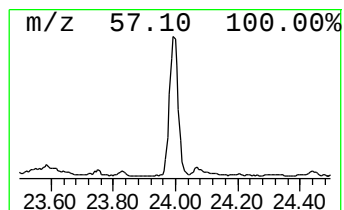
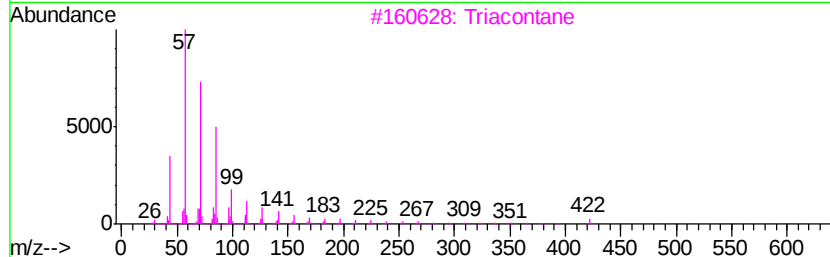
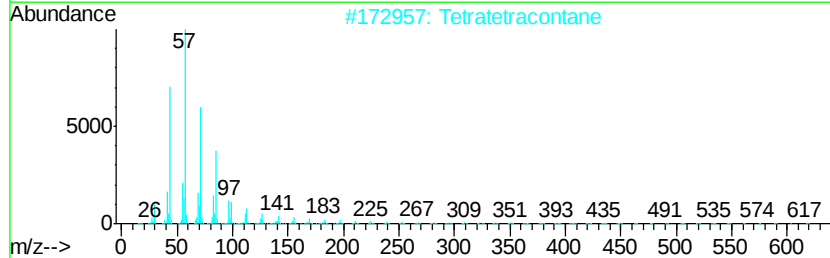
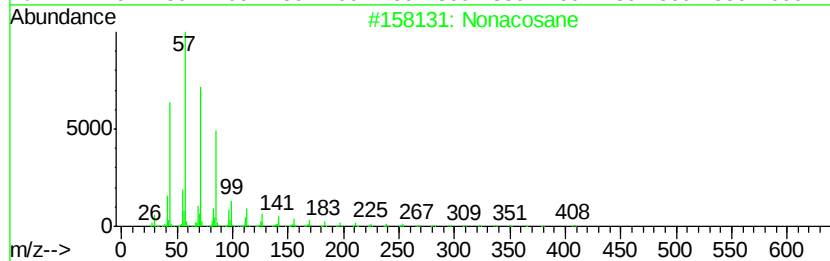
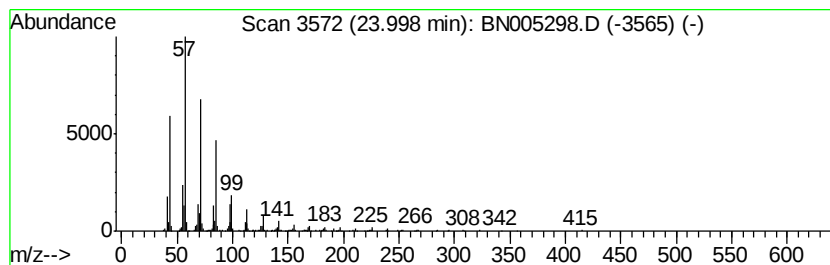
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.42 ng/ul	1110690	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonacosane	408	C29H60	000630-03-5	91
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			Triacontane	422	C30H62	000638-68-6	91
4			Tetratriacontane	479	C34H70	014167-59-0	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005298.D
Acq On : 26 Apr 2019 01:52
Operator : JU/SJ
Sample : K2481-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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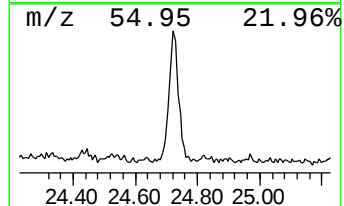
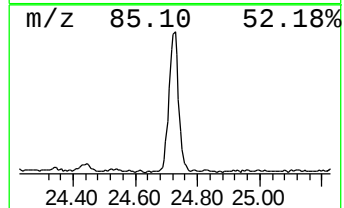
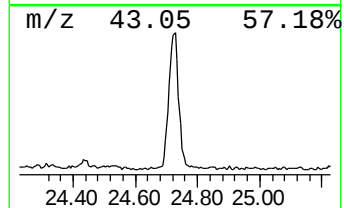
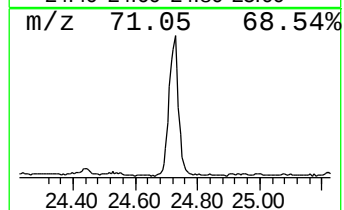
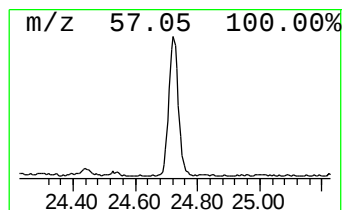
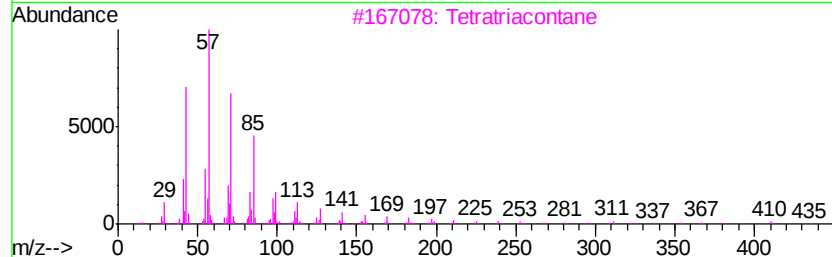
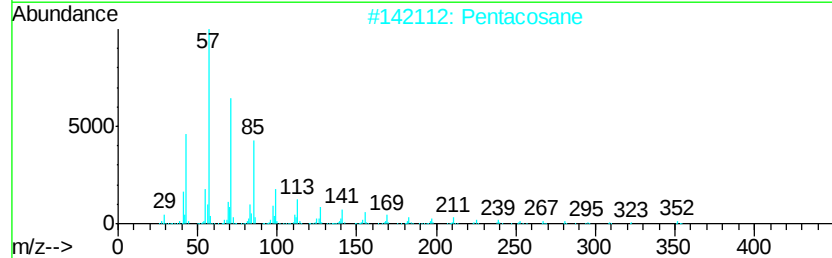
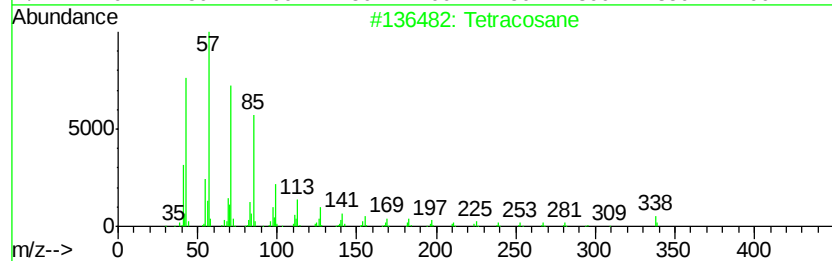
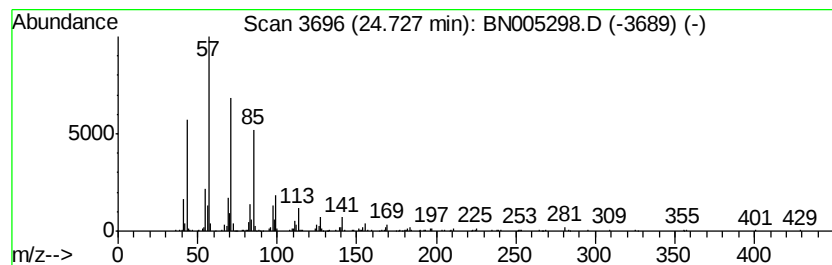
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	2.02 ng/ul	926194	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Pentacosane	352	C25H52	000629-99-2	91
3			Tetratriacontane	479	C34H70	014167-59-0	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005298.D
 Acq On : 26 Apr 2019 01:52
 Operator : JU/SJ
 Sample : K2481-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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	17.91	4.9	ng/ul	1803230	4	16.98	7321730	20.0
Octadecanoic acid	19.21	3.1	ng/ul	1361910	5	21.22	8824070	20.0
(DEL) Alkane: Str...	20.49	2.3	ng/ul	1022100	5	21.22	8824070	20.0
(DEL) Alkane: Str...	20.96	4.4	ng/ul	1945280	5	21.22	8824070	20.0
(DEL) Alkane: Str...	21.41	3.1	ng/ul	1353460	5	21.22	8824070	20.0
(DEL) Alkane: Str...	21.85	3.1	ng/ul	1375550	5	21.22	8824070	20.0
(DEL) Alkane: Str...	22.30	2.6	ng/ul	1158970	5	21.22	8824070	20.0
(DEL) Alkane: Str...	22.80	2.4	ng/ul	1112290	6	23.42	9184390	20.0
(DEL) Alkane: Str...	23.36	2.6	ng/ul	1199570	6	23.42	9184390	20.0
(DEL) Alkane: Str...	24.00	2.4	ng/ul	1110690	6	23.42	9184390	20.0
(DEL) Alkane: Str...	24.73	2.0	ng/ul	926194	6	23.42	9184390	20.0