

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006435.D
 Acq On : 20 Jun 2019 19:24
 Operator : JU/SJ
 Sample : K3335-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41T9

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-BN061919MA.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	3.140	22	26	35	rVB	52986	81099	0.79%	0.079%
2	3.652	109	113	120	rBV	32096	46493	0.45%	0.045%
3	3.763	128	132	141	rVB	42469	66010	0.65%	0.065%
4	3.863	145	149	153	rVB	12414	16263	0.16%	0.016%
5	4.757	295	301	311	rBV3	35030	72805	0.71%	0.071%
6	6.804	637	649	667	rBV	896064	1570992	15.37%	1.536%
7	6.963	670	676	689	rVV	806400	1217738	11.91%	1.191%
8	7.157	703	709	721	rBV	930865	1494469	14.62%	1.462%
9	7.240	721	723	728	rVB5	6677	10349	0.10%	0.010%
10	7.622	781	788	797	rBV	1035072	1670377	16.34%	1.634%
11	7.687	797	799	804	rVB3	13253	20752	0.20%	0.020%
12	8.334	903	909	925	rBV	918530	1509575	14.77%	1.476%
13	8.451	925	929	937	rVB2	21599	39225	0.38%	0.038%
14	8.781	977	985	1005	rBV	886694	1515456	14.83%	1.482%
15	8.945	1009	1013	1018	rVV7	9337	18715	0.18%	0.018%
16	9.010	1018	1024	1031	rVB8	8034	17403	0.17%	0.017%
17	9.193	1048	1055	1062	rBV	15658	26312	0.26%	0.026%
18	9.498	1099	1107	1125	rBV	721822	1239687	12.13%	1.212%
19	10.034	1192	1198	1216	rBV	1063829	1839604	18.00%	1.799%
20	10.404	1253	1261	1277	rBV	1605955	2657061	26.00%	2.599%
21	10.551	1279	1286	1304	rBV	690234	1322385	12.94%	1.293%
22	12.010	1529	1534	1543	rBV	11878	21871	0.21%	0.021%
23	12.875	1676	1681	1686	rBV	6930	10570	0.10%	0.010%
24	13.034	1704	1708	1712	rVB3	14090	17587	0.17%	0.017%
25	13.222	1735	1740	1751	rVB3	11183	18310	0.18%	0.018%
26	13.692	1813	1820	1824	rBV	2180825	2927447	28.64%	2.863%
27	13.739	1824	1828	1836	rVV	771093	1019376	9.97%	0.997%
28	13.804	1836	1839	1845	rVB5	7555	11141	0.11%	0.011%
29	13.969	1860	1867	1876	rBV	2430319	3534088	34.58%	3.456%
30	14.039	1876	1879	1885	rVV5	21068	36777	0.36%	0.036%
31	14.092	1885	1888	1890	rVV4	8503	11439	0.11%	0.011%
32	14.122	1890	1893	1898	rVV2	28087	35211	0.34%	0.034%
33	14.186	1898	1904	1909	rVV4	6502	12492	0.12%	0.012%
34	14.281	1913	1920	1929	rVV2	2410074	3593515	35.16%	3.514%

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 Title : SVOA CALIBRATION

35	14.351	1929	1932	1940	rVB5	21194	35203	0.34%	0.034%
36	14.504	1952	1958	1972	rBV	610448	1162407	11.37%	1.137%
37	14.604	1972	1975	1981	rVV3	26188	55582	0.54%	0.054%
38	14.657	1981	1984	1990	rVV5	20307	45174	0.44%	0.044%
39	14.716	1990	1994	2005	rVB4	37208	79822	0.78%	0.078%
40	15.086	2052	2057	2063	rBV	47591	59883	0.59%	0.059%
41	15.139	2063	2066	2072	rVB2	10757	13848	0.14%	0.014%
42	15.280	2083	2090	2099	rBV	3161792	4423573	43.28%	4.326%
43	15.422	2108	2114	2124	rBV	758229	1117340	10.93%	1.093%
44	15.522	2126	2131	2136	rVB2	37255	59589	0.58%	0.058%
45	15.851	2183	2187	2193	rBV6	8666	16290	0.16%	0.016%
46	16.010	2209	2214	2220	rBV6	11601	19634	0.19%	0.019%
47	16.457	2287	2290	2296	rVB6	6828	12002	0.12%	0.012%
48	16.580	2307	2311	2316	rBV2	38574	54660	0.53%	0.053%
49	16.804	2346	2349	2350	rBV2	10125	11833	0.12%	0.012%
50	16.945	2368	2373	2379	rBV3	30672	49924	0.49%	0.049%
51	17.039	2380	2389	2395	rBV	3091183	4391539	42.96%	4.295%
52	17.133	2399	2405	2416	rVV2	2945338	4310198	42.17%	4.215%
53	17.539	2468	2474	2478	rBV7	10497	16739	0.16%	0.016%
54	17.716	2500	2504	2508	rVB7	10745	18249	0.18%	0.018%
55	17.822	2516	2522	2528	rBV5	30438	70292	0.69%	0.069%
56	17.886	2529	2533	2537	rVV3	25407	41901	0.41%	0.041%
57	17.945	2538	2543	2567	rVV	1116093	2024579	19.81%	1.980%
58	18.245	2590	2594	2598	rBV5	18162	32669	0.32%	0.032%
59	18.874	2698	2701	2708	rVB2	29926	40995	0.40%	0.040%
60	19.086	2732	2737	2738	rBV2	72924	101002	0.99%	0.099%
61	19.110	2738	2741	2755	rVV	145495	315374	3.09%	0.308%
62	19.239	2758	2763	2775	rVV	637205	1125405	11.01%	1.101%
63	19.333	2776	2779	2785	rVB	51869	84980	0.83%	0.083%
64	19.451	2792	2799	2811	rVB	4042267	5915282	57.87%	5.785%
65	20.004	2888	2893	2897	rVB	160844	198252	1.94%	0.194%
66	20.368	2952	2955	2963	rVB4	36245	62425	0.61%	0.061%
67	20.504	2973	2978	2983	rBV	409078	461330	4.51%	0.451%
68	20.974	3053	3058	3075	rBV	1130065	1753663	17.16%	1.715%
69	21.174	3088	3092	3098	rVB	252241	272101	2.66%	0.266%
70	21.257	3100	3106	3112	rBV	3902022	5033950	49.25%	4.923%
71	21.410	3128	3132	3138	rBV	1893181	2058104	20.14%	2.013%

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72	21.686	3176	3179	3182	rVB	50040	46659	0.46%	0.046%
73	21.845	3201	3206	3211	rBV	2927354	3448584	33.74%	3.373%
74	22.304	3279	3284	3299	rBV	3750810	5023981	49.15%	4.913%
75	22.533	3319	3323	3328	rVB	178654	226845	2.22%	0.222%
76	22.615	3334	3337	3341	rVB	80317	100931	0.99%	0.099%
77	22.809	3364	3370	3375	rBV	3720693	5547413	54.27%	5.425%
78	22.862	3375	3379	3399	rVB	371022	1082635	10.59%	1.059%
79	23.151	3425	3428	3434	rVB	115810	165819	1.62%	0.162%
80	23.357	3455	3463	3477	rBV2	4339308	10221420	100.00%	9.997%
81	23.492	3479	3486	3500	rVB	2533099	4755569	46.53%	4.651%
82	24.004	3566	3573	3584	rBV	2284935	4429882	43.34%	4.332%
83	24.733	3690	3697	3707	rBV	1052226	2360612	23.09%	2.309%
84	25.586	3835	3842	3851	rBV	407323	1015390	9.93%	0.993%
85	26.162	3934	3940	3953	rVB4	198554	575756	5.63%	0.563%

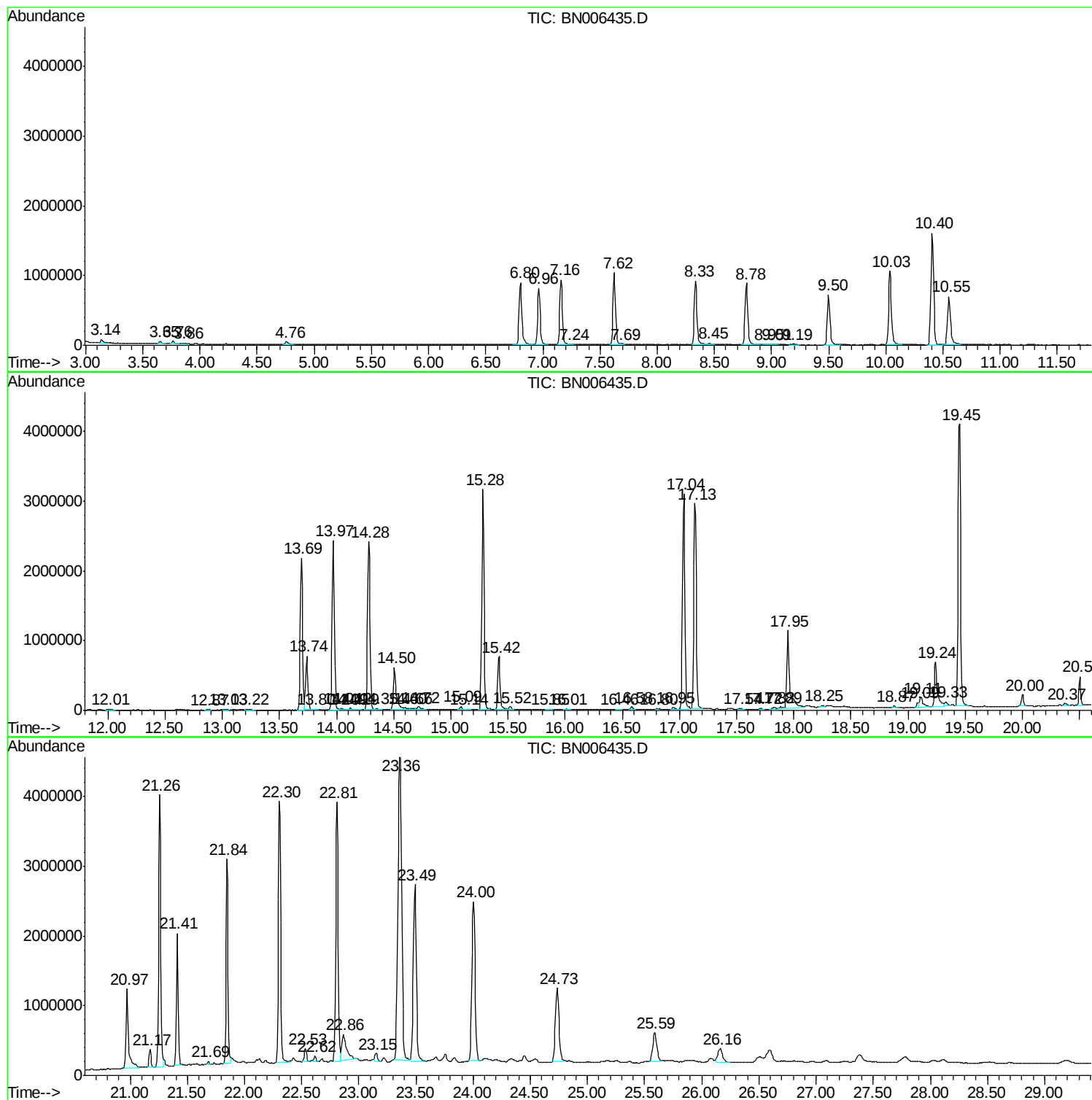
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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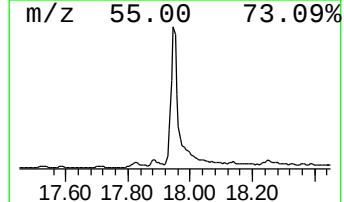
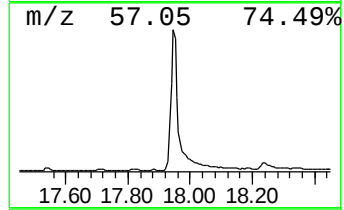
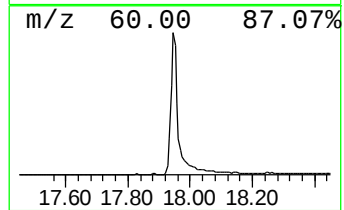
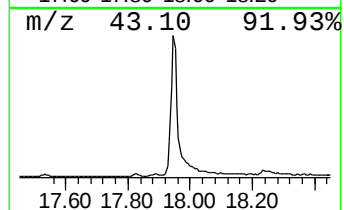
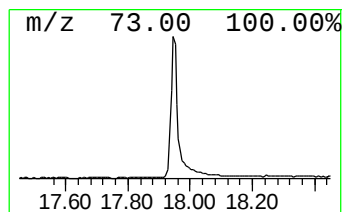
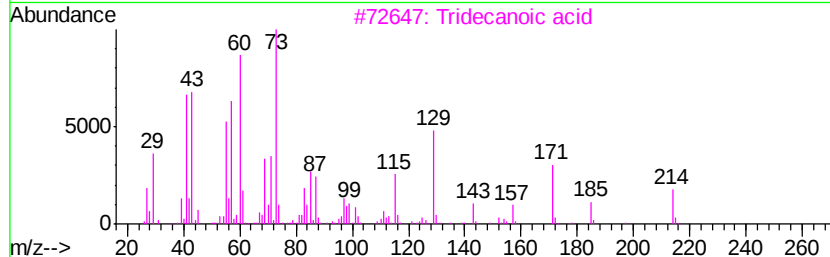
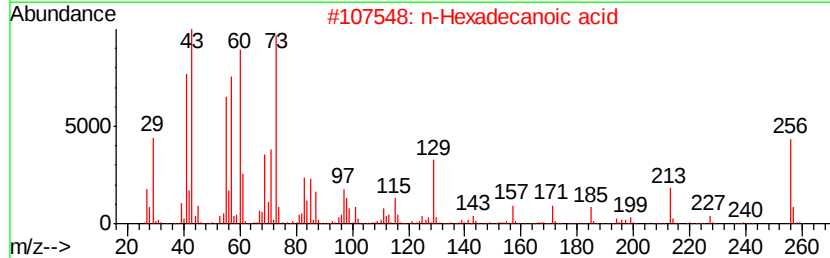
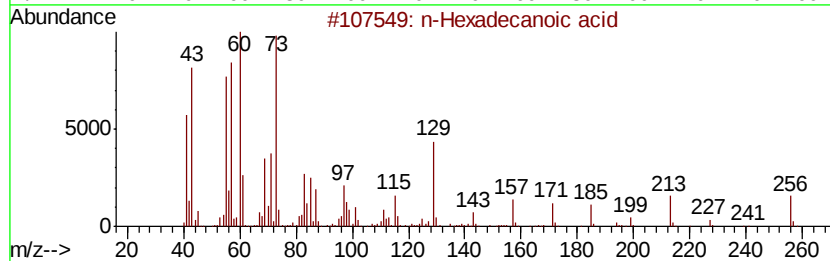
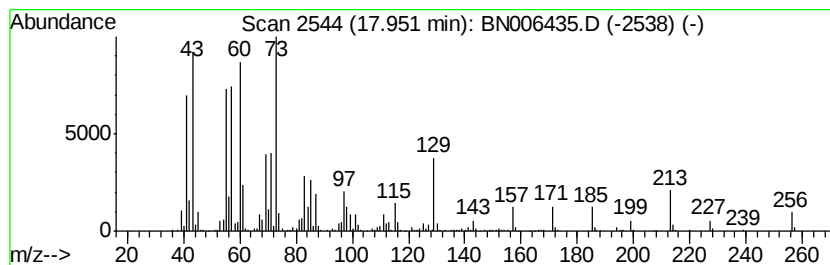
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.95	9.22 ng/ul	2024580	Phenanthrene-d10		17.04		
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	98
3			Tridecanoic acid	214	C13H26O2	000638-53-9	94
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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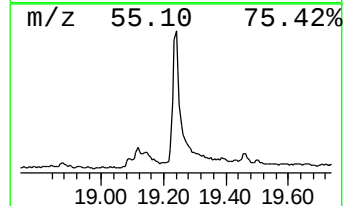
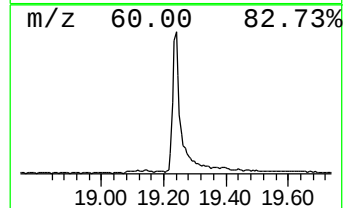
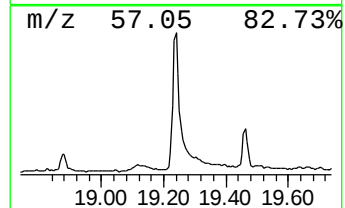
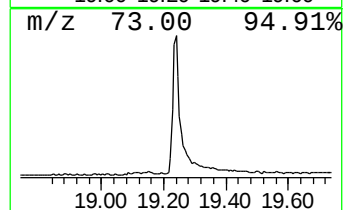
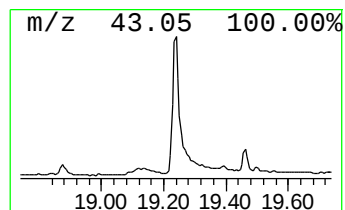
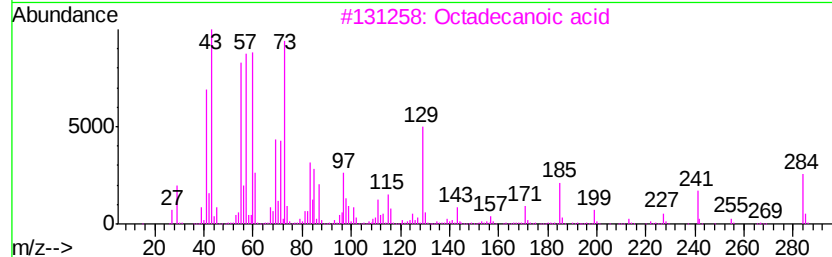
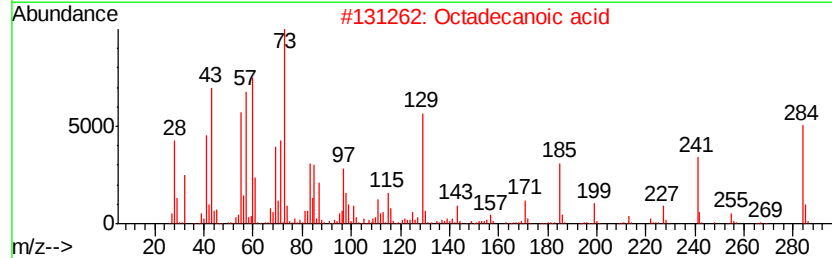
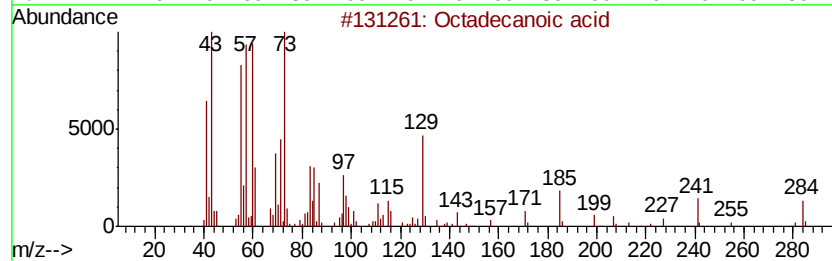
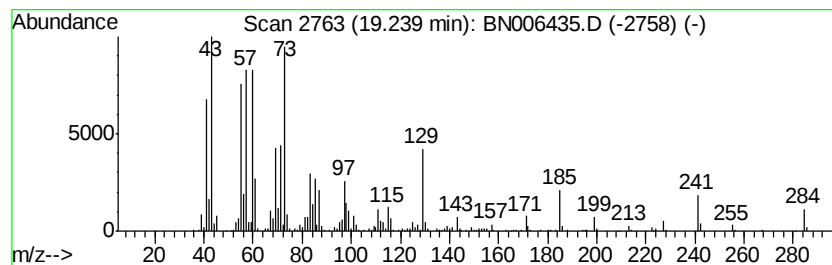
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	4.47 ng/ul	1125410	Chrysene-d12	21.26

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	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	96
5		Octadecanoic acid	284	C18H36O2	000057-11-4	95



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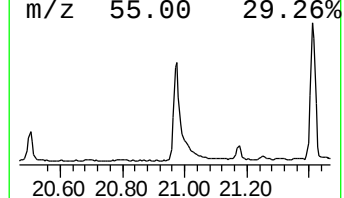
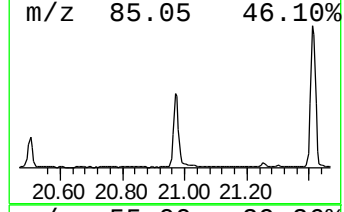
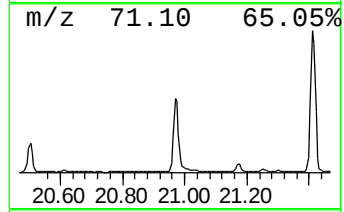
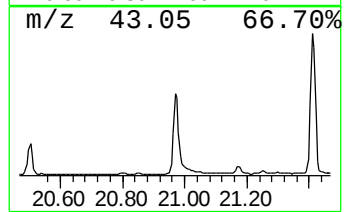
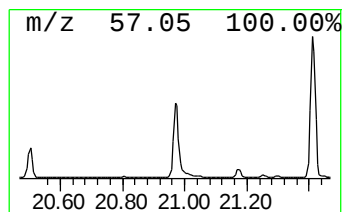
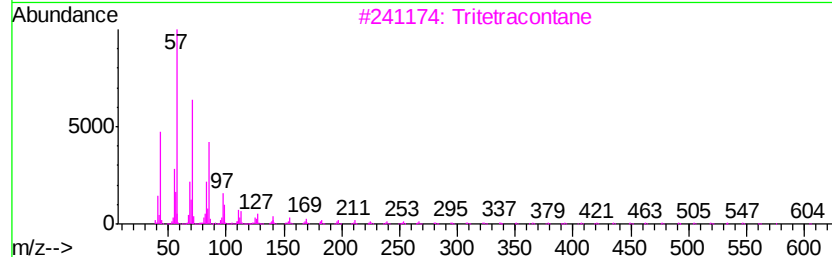
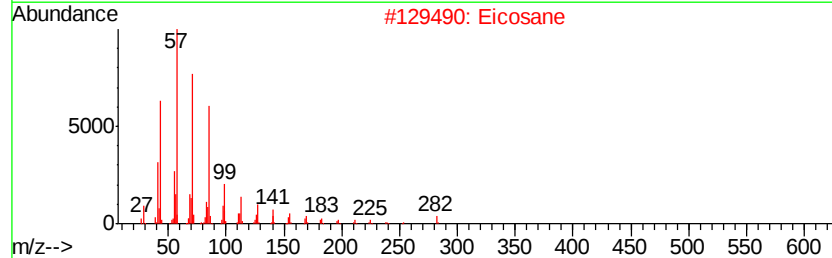
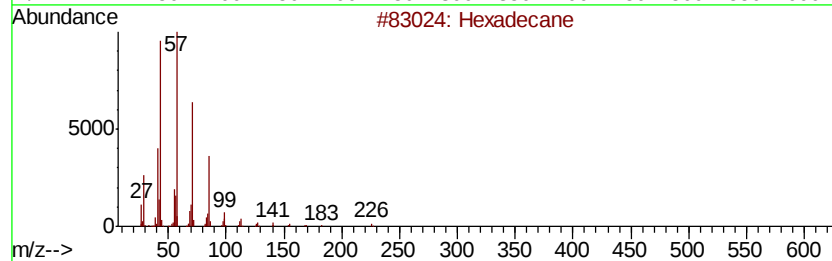
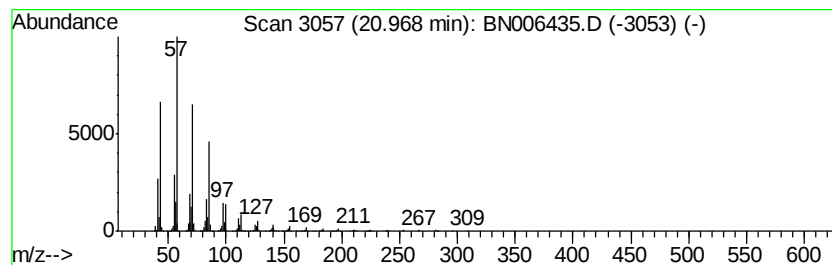
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	6.97 ng/ul	1753660	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Eicosane	282	C20H42	000112-95-8	93
3		Tritetracontane	605	C43H88	007098-21-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



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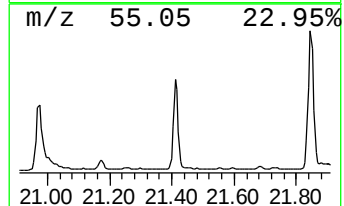
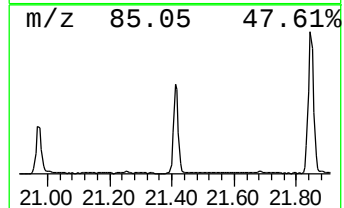
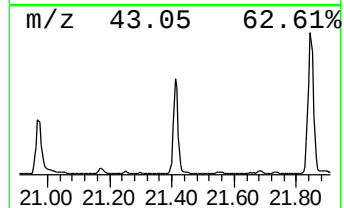
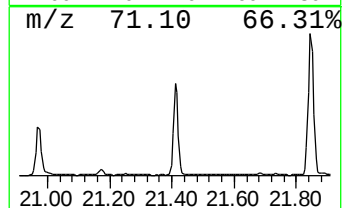
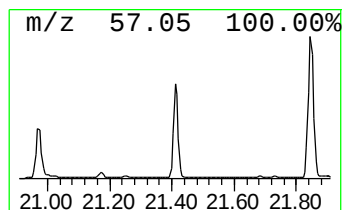
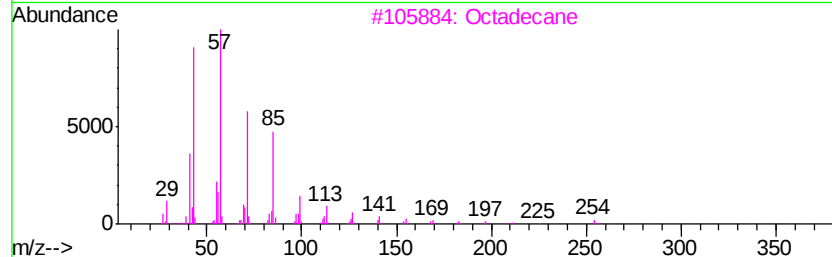
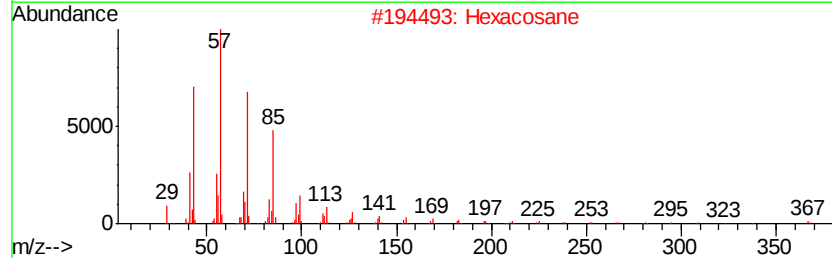
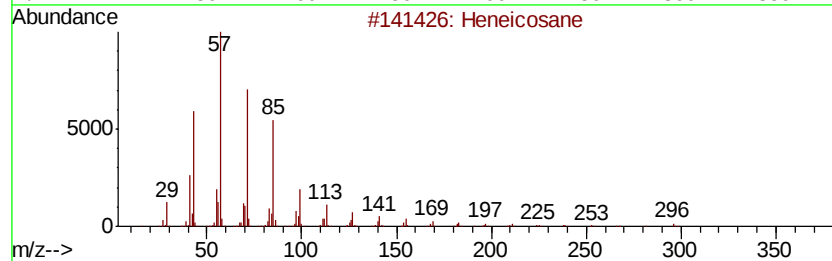
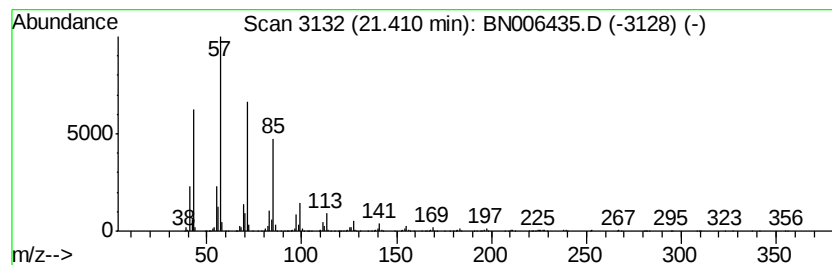
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	8.18 ng/ul	2058100	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006435.D
Acq On : 20 Jun 2019 19:24
Operator : JU/SJ
Sample : K3335-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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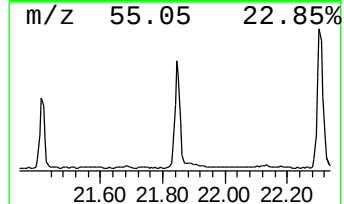
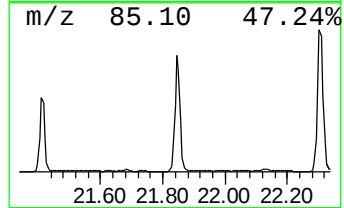
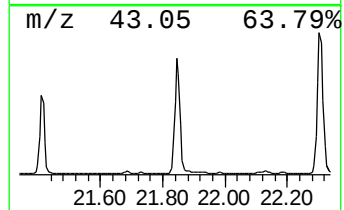
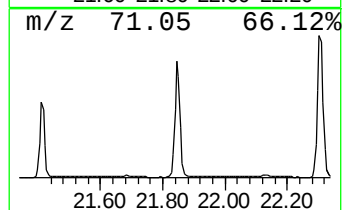
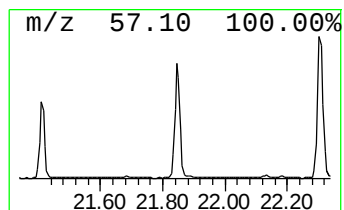
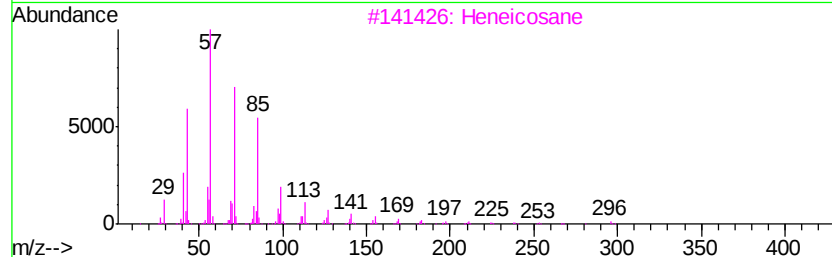
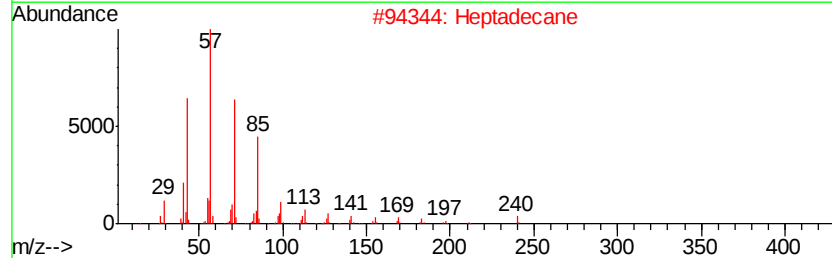
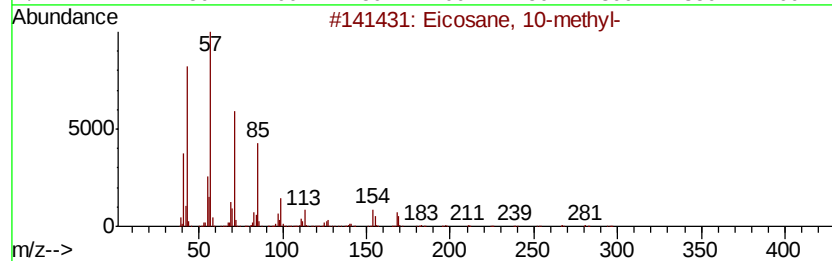
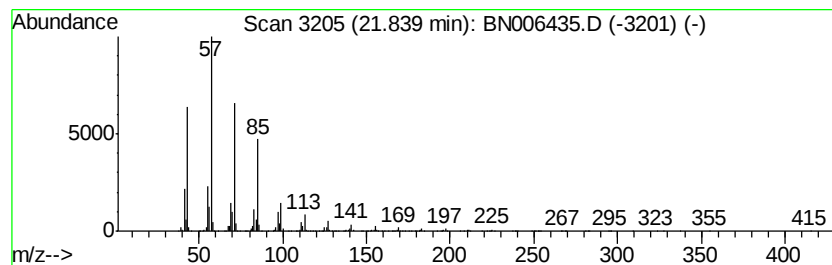
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	13.70 ng/ul	3448580	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2		Heptadecane	240	C17H36	000629-78-7	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006435.D
Acq On : 20 Jun 2019 19:24
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Sample : K3335-03
Misc :
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Instrument :
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ClientSampleId :
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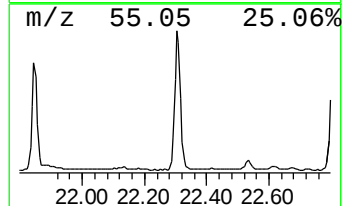
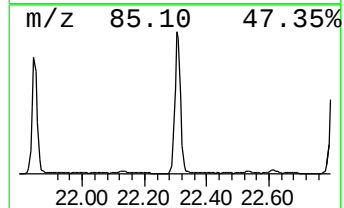
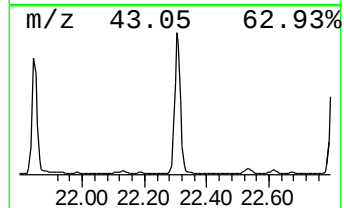
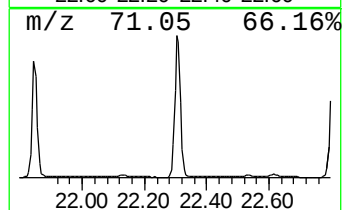
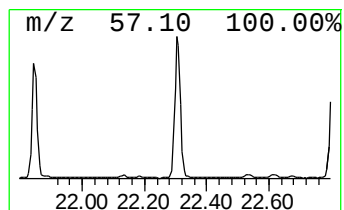
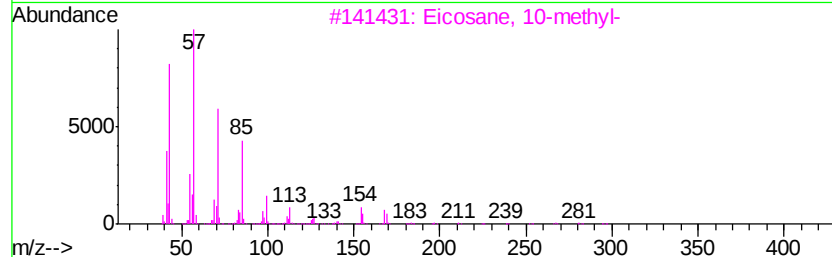
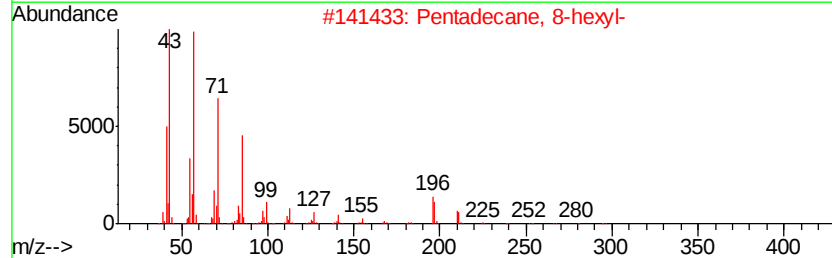
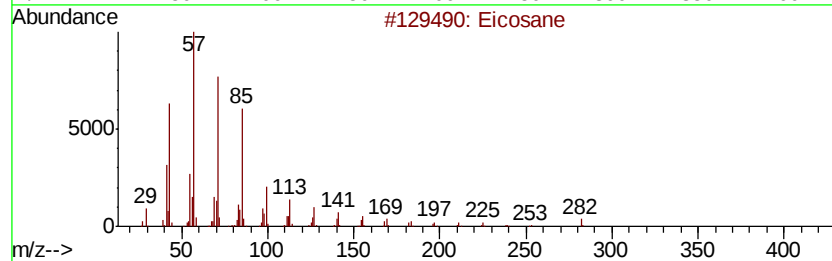
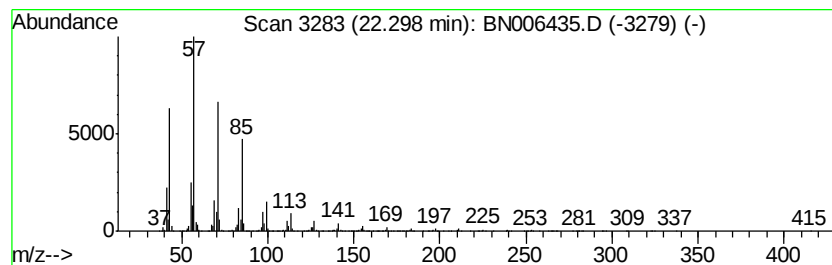
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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	19.96 ng/ul	5023980	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Octacosane	394	C28H58	000630-02-4	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006435.D
Acq On : 20 Jun 2019 19:24
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Sample : K3335-03
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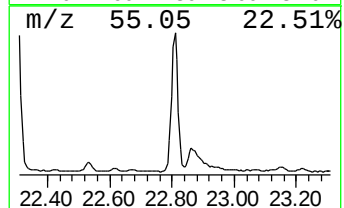
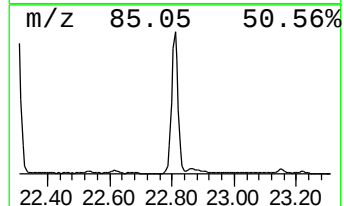
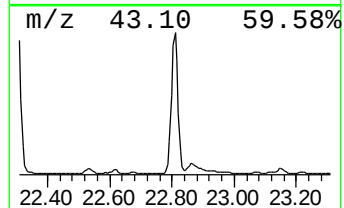
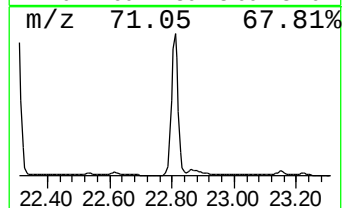
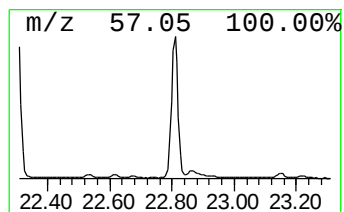
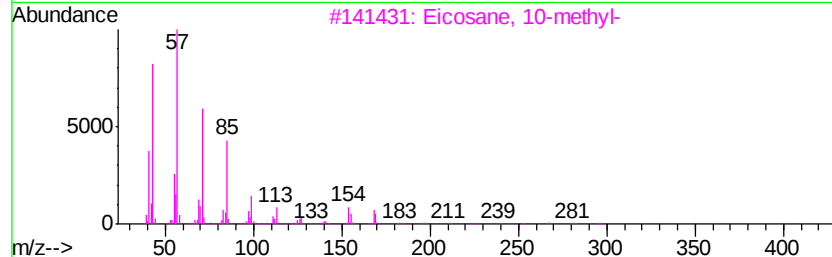
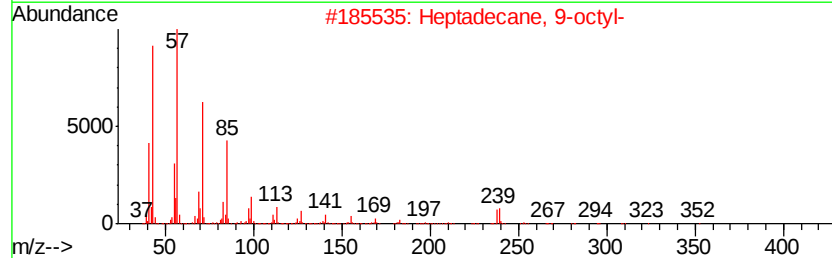
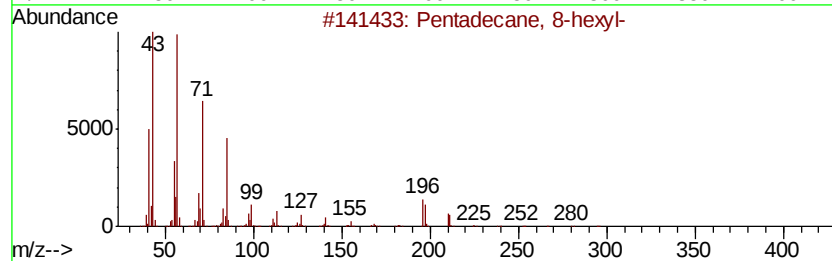
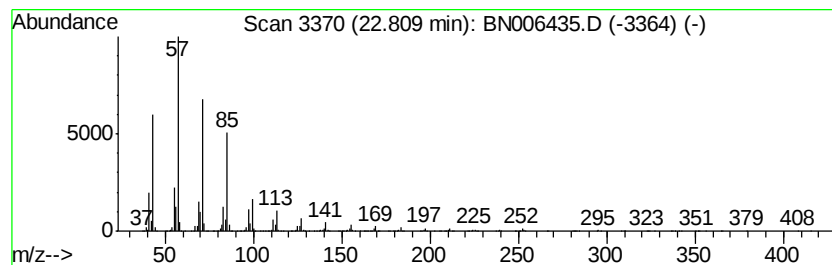
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
22.81	23.33 ng/ul	5547410	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Octadecane	254	C18H38	000593-45-3	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006435.D
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ClientSampleId :
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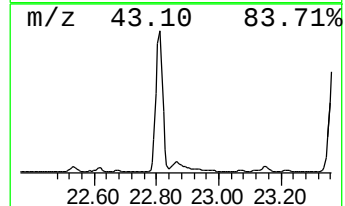
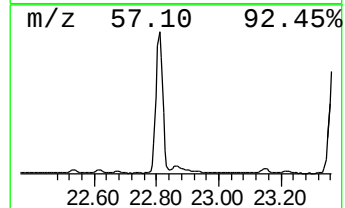
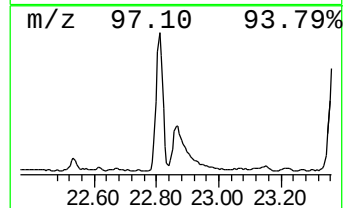
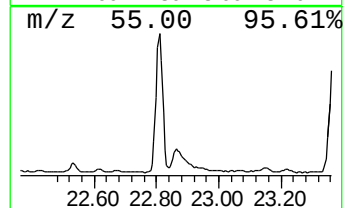
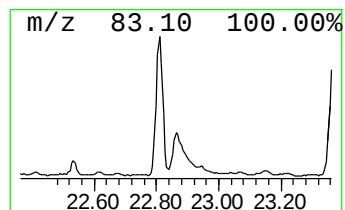
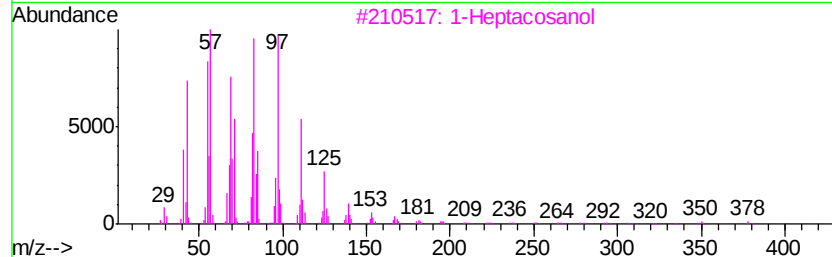
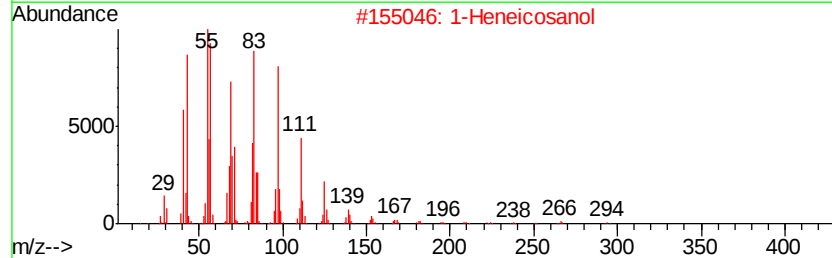
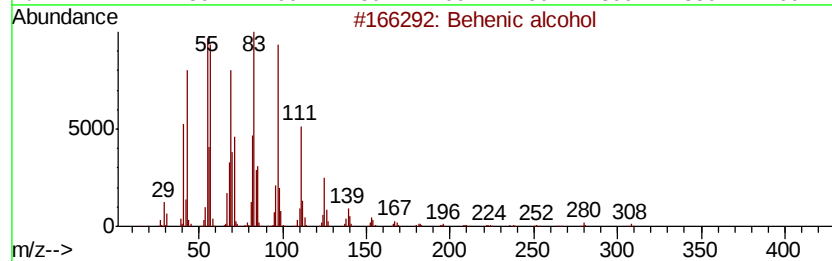
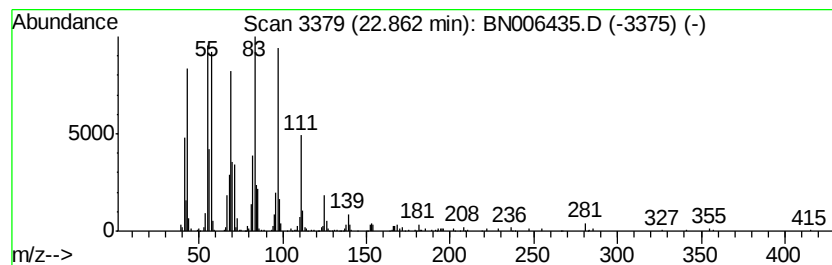
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Behenic alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	4.55 ng/ul	1082640	Perylene-d12	23.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	95
2		1-Heneicosanol	312	C21H44O	015594-90-8	91
3		1-Heptacosanol	396	C27H56O	002004-39-9	90
4		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	87
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
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Sample : K3335-03
Misc :
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Instrument :
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ClientSampleId :
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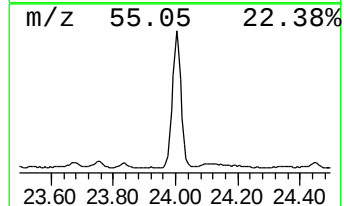
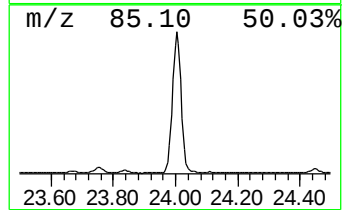
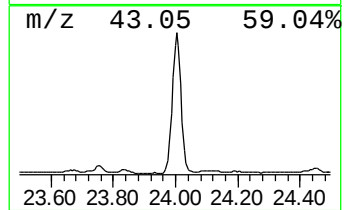
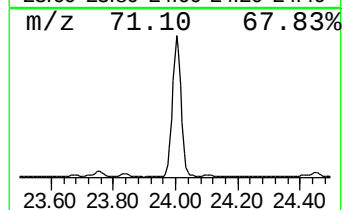
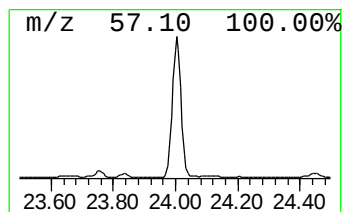
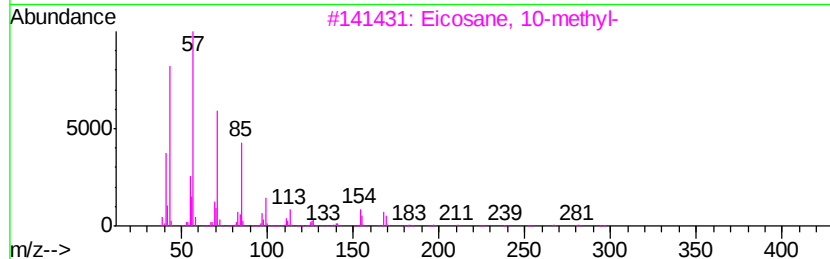
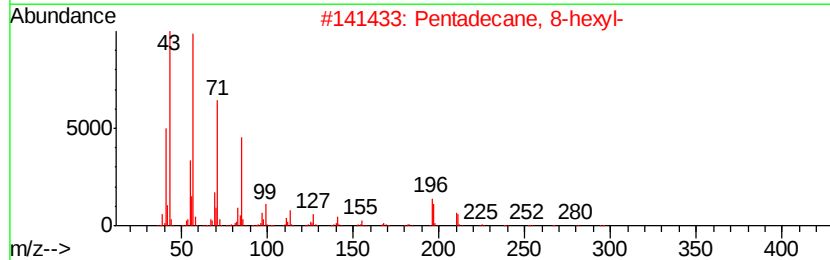
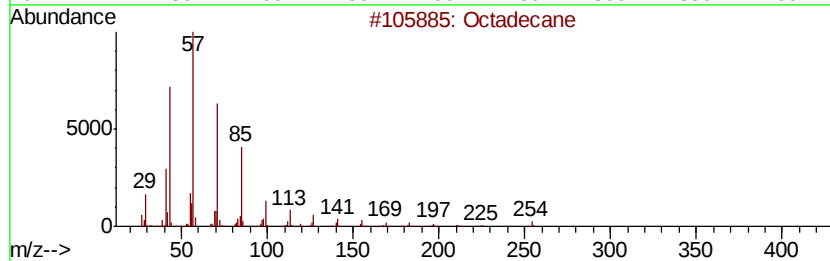
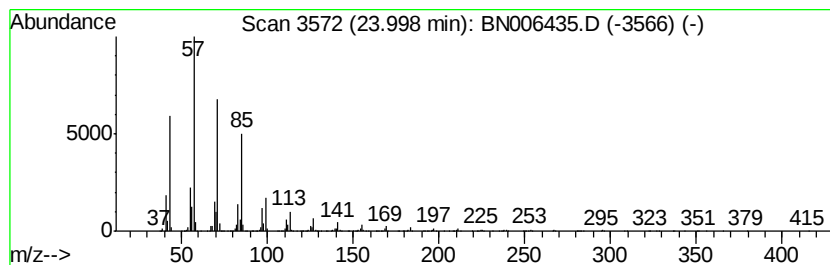
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	18.63 ng/ul	4429880	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
4		Heneicosane	296	C21H44	000629-94-7	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



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ClientSampleId :
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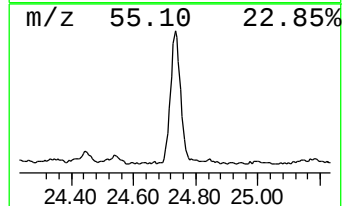
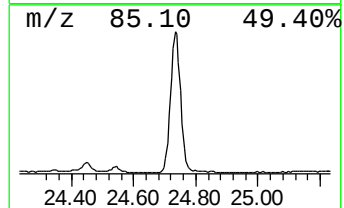
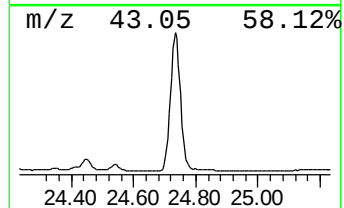
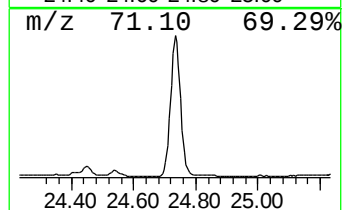
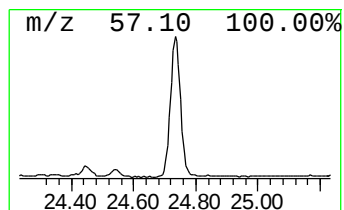
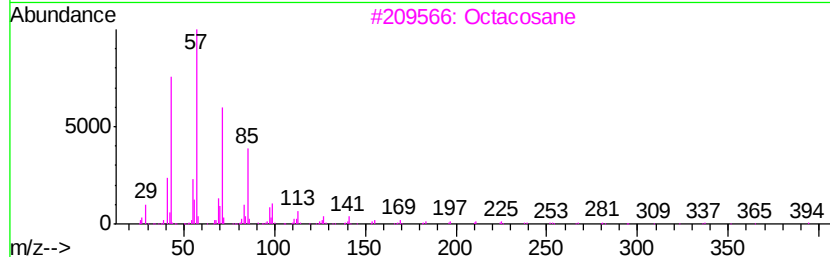
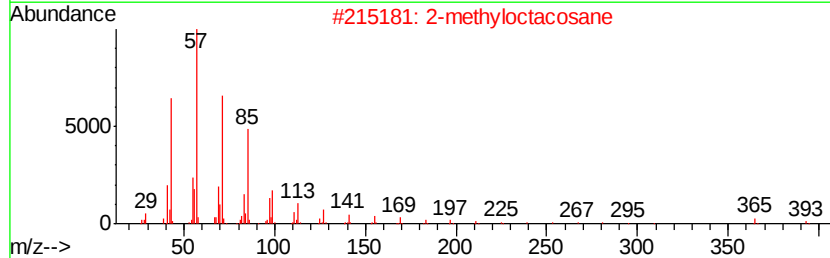
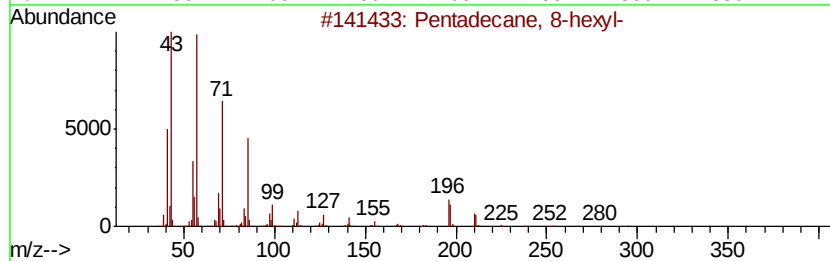
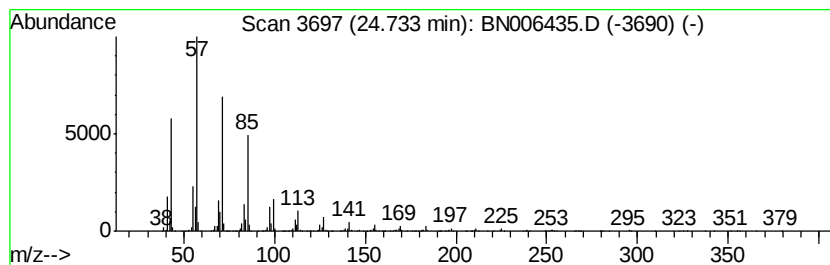
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	9.93 ng/ul	2360610	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006435.D
Acq On : 20 Jun 2019 19:24
Operator : JU/SJ
Sample : K3335-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41T9

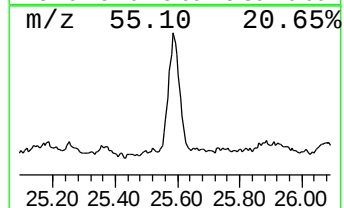
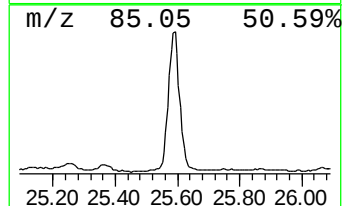
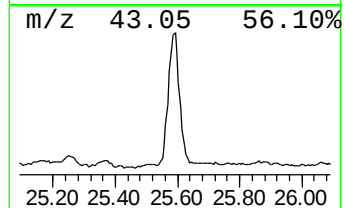
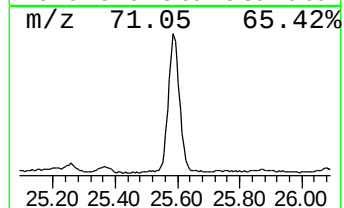
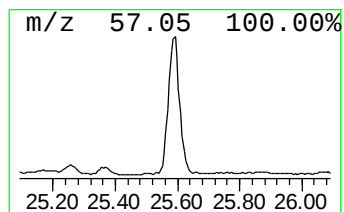
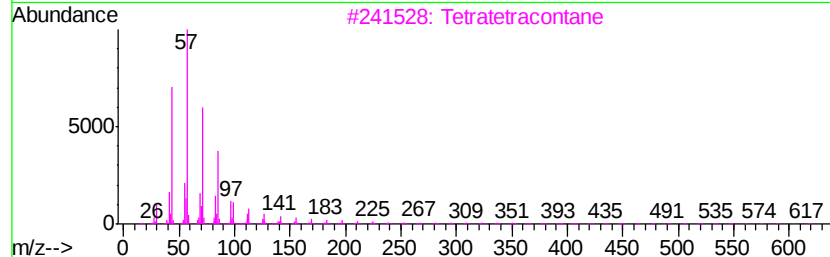
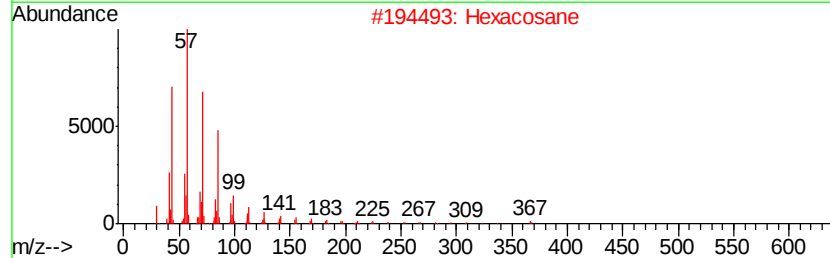
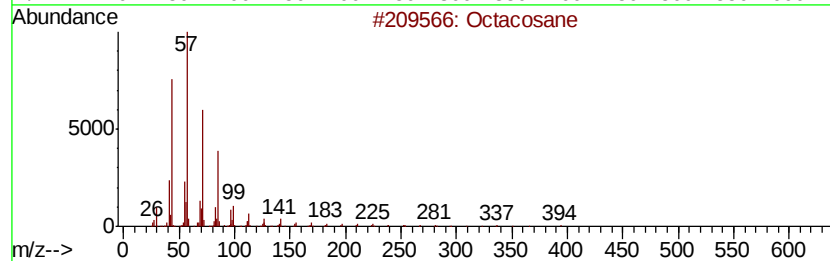
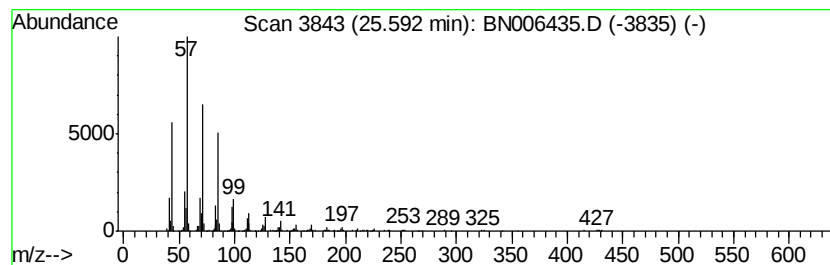
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
25.59	4.27 ng/ul	1015390	Perylene-d12	23.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Hexacosane	366	C26H54	000630-01-3	90
3			Tetratetracontane	619	C44H90	007098-22-8	90
4			Octadecane	254	C18H38	000593-45-3	87
5			Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
 Data File : BN006435.D
 Acq On : 20 Jun 2019 19:24
 Operator : JU/SJ
 Sample : K3335-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41T9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.95	9.2	ng/ul	2024580	4	17.04	4391540	20.0
Octadecanoic acid	19.24	4.5	ng/ul	1125410	5	21.26	5033950	20.0
(DEL) Alkane: Str...	20.97	7.0	ng/ul	1753660	5	21.26	5033950	20.0
(DEL) Alkane: Str...	21.41	8.2	ng/ul	2058100	5	21.26	5033950	20.0
(DEL) Alkane: Str...	21.84	13.7	ng/ul	3448580	5	21.26	5033950	20.0
(DEL) Alkane: Str...	22.30	20.0	ng/ul	5023980	5	21.26	5033950	20.0
(DEL) Alkane: Str...	22.81	23.3	ng/ul	5547410	6	23.49	4755570	20.0
Behenic alcohol	22.86	4.5	ng/ul	1082640	6	23.49	4755570	20.0
(DEL) Alkane: Str...	24.00	18.6	ng/ul	4429880	6	23.49	4755570	20.0
(DEL) Alkane: Str...	24.73	9.9	ng/ul	2360610	6	23.49	4755570	20.0
(DEL) Alkane: Str...	25.59	4.3	ng/ul	1015390	6	23.49	4755570	20.0