

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005287.D
 Acq On : 25 Apr 2019 19:33
 Operator : JU/SJ
 Sample : K2456-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP6

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	3.216	36	39	46	rVB3	61197	78771	0.86%	0.070%
2	3.910	154	157	163	rVB2	26446	39788	0.43%	0.035%
3	5.722	463	465	469	rVB3	9671	10470	0.11%	0.009%
4	6.598	610	614	616	rBV4	7007	11007	0.12%	0.010%
5	6.775	637	644	653	rBV	1135810	1808762	19.66%	1.611%
6	6.939	663	672	683	rBV	949399	1471390	15.99%	1.311%
7	7.134	697	705	716	rBV	1118778	1796317	19.52%	1.600%
8	7.592	776	783	791	rBV	1515362	2391957	26.00%	2.131%
9	7.663	791	795	805	rVB5	23717	41918	0.46%	0.037%
10	8.292	894	902	914	rBV	1455935	2335929	25.39%	2.081%
11	8.734	969	977	986	rBV	1215356	1935834	21.04%	1.724%
12	8.916	1002	1008	1010	rBV5	6011	10327	0.11%	0.009%
13	9.186	1048	1054	1060	rBV2	24025	39465	0.43%	0.035%
14	9.445	1091	1098	1109	rBV	898094	1512989	16.44%	1.348%
15	9.980	1180	1189	1202	rBV	1499598	2523349	27.42%	2.248%
16	10.357	1244	1253	1264	rBV	2162749	3643073	39.59%	3.245%
17	10.492	1268	1276	1288	rBV	1490350	2637986	28.67%	2.350%
18	10.733	1310	1317	1328	rBV5	27395	73563	0.80%	0.066%
19	11.004	1360	1363	1370	rVB8	5056	9864	0.11%	0.009%
20	11.963	1519	1526	1533	rBV3	19368	45262	0.49%	0.040%
21	12.963	1690	1696	1698	rBV6	6728	9984	0.11%	0.009%
22	13.645	1805	1812	1816	rBV	3217675	4383401	47.64%	3.905%
23	13.692	1816	1820	1827	rVB	853317	1152560	12.53%	1.027%
24	13.916	1851	1858	1870	rBV	3401874	5125289	55.70%	4.566%
25	14.157	1895	1899	1904	rBV5	10206	13808	0.15%	0.012%
26	14.227	1904	1911	1923	rBV2	3484582	5290028	57.49%	4.712%
27	14.427	1938	1945	1963	rBV	1242139	2075985	22.56%	1.849%
28	14.845	2011	2016	2019	rBV6	7978	10874	0.12%	0.010%
29	15.057	2048	2052	2054	rBV3	10461	12438	0.14%	0.011%
30	15.116	2057	2062	2066	rVB3	14619	19031	0.21%	0.017%
31	15.227	2074	2081	2088	rBV	4426032	6336202	68.86%	5.644%
32	15.351	2096	2102	2110	rBV	1141376	1573150	17.10%	1.401%
33	15.468	2117	2122	2126	rBV3	55591	77367	0.84%	0.069%
34	15.621	2143	2148	2150	rBV5	7238	9844	0.11%	0.009%

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35	15.668	2153	2156	2162	rVB6	8574	12882	0.14%	0.011%
36	15.798	2174	2178	2180	rBV5	6173	9846	0.11%	0.009%
37	15.874	2186	2191	2194	rVB5	6584	10277	0.11%	0.009%
38	15.921	2194	2199	2202	rBV7	8620	16130	0.18%	0.014%
39	15.980	2205	2209	2211	rVV4	12967	19204	0.21%	0.017%
40	16.010	2211	2214	2223	rVB8	24266	46916	0.51%	0.042%
41	16.186	2240	2244	2246	rBV5	7820	10508	0.11%	0.009%
42	16.663	2322	2325	2330	rVB6	15080	21098	0.23%	0.019%
43	16.768	2339	2343	2347	rBV3	28954	39498	0.43%	0.035%
44	16.980	2373	2379	2389	rBV2	4882350	6776983	73.65%	6.037%
45	17.080	2389	2396	2405	rBV	4980255	7061731	76.75%	6.291%
46	17.292	2428	2432	2434	rBV5	7592	11851	0.13%	0.011%
47	17.510	2465	2469	2474	rBV6	13528	20421	0.22%	0.018%
48	17.692	2494	2500	2503	rBV6	9234	15454	0.17%	0.014%
49	17.910	2532	2537	2557	rBV	754813	1464015	15.91%	1.304%
50	18.209	2583	2588	2593	rBV8	17863	37333	0.41%	0.033%
51	18.857	2696	2698	2702	rVB4	14417	14499	0.16%	0.013%
52	19.021	2722	2726	2730	rBV	66743	91339	0.99%	0.081%
53	19.204	2753	2757	2766	rBV	275463	502475	5.46%	0.448%
54	19.274	2766	2769	2775	rVB2	71329	110282	1.20%	0.098%
55	19.392	2783	2789	2795	rBV2	6495822	8617653	93.66%	7.677%
56	19.445	2796	2798	2807	rVB3	46399	87896	0.96%	0.078%
57	19.945	2879	2883	2887	rBV6	18548	36144	0.39%	0.032%
58	19.986	2887	2890	2893	rVV2	32170	37873	0.41%	0.034%
59	20.356	2951	2953	2958	rVB6	15364	20641	0.22%	0.018%
60	20.421	2961	2964	2968	rBV6	13968	18223	0.20%	0.016%
61	20.486	2971	2975	2980	rVV2	66030	80019	0.87%	0.071%
62	20.951	3049	3054	3072	rBV	1075356	1845950	20.06%	1.644%
63	21.156	3086	3089	3092	rBV3	35167	44697	0.49%	0.040%
64	21.209	3093	3098	3111	rVV	6420359	8152502	88.60%	7.262%
65	21.403	3127	3131	3135	rBV	250173	285574	3.10%	0.254%
66	21.839	3201	3205	3213	rBV	415911	556709	6.05%	0.496%
67	22.297	3278	3283	3288	rBV	600503	761306	8.27%	0.678%
68	22.797	3363	3368	3376	rBV	851050	1179576	12.82%	1.051%
69	23.274	3441	3449	3457	rBV2	5146542	9201324	100.00%	8.197%
70	23.350	3457	3462	3466	rVV	934467	1525698	16.58%	1.359%
71	23.409	3466	3472	3482	rVB2	4671329	8567319	93.11%	7.632%

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72	23.986	3564	3570	3578	rBV	947451	1675485	18.21%	1.493%
73	24.062	3579	3583	3590	rVV4	120700	255891	2.78%	0.228%
74	24.715	3687	3694	3702	rBV	765906	1574271	17.11%	1.402%
75	25.562	3831	3838	3851	rVB	525427	1329102	14.44%	1.184%
76	26.556	4001	4007	4019	rVB3	343362	997351	10.84%	0.888%
77	27.738	4203	4208	4219	rVB2	203935	605322	6.58%	0.539%

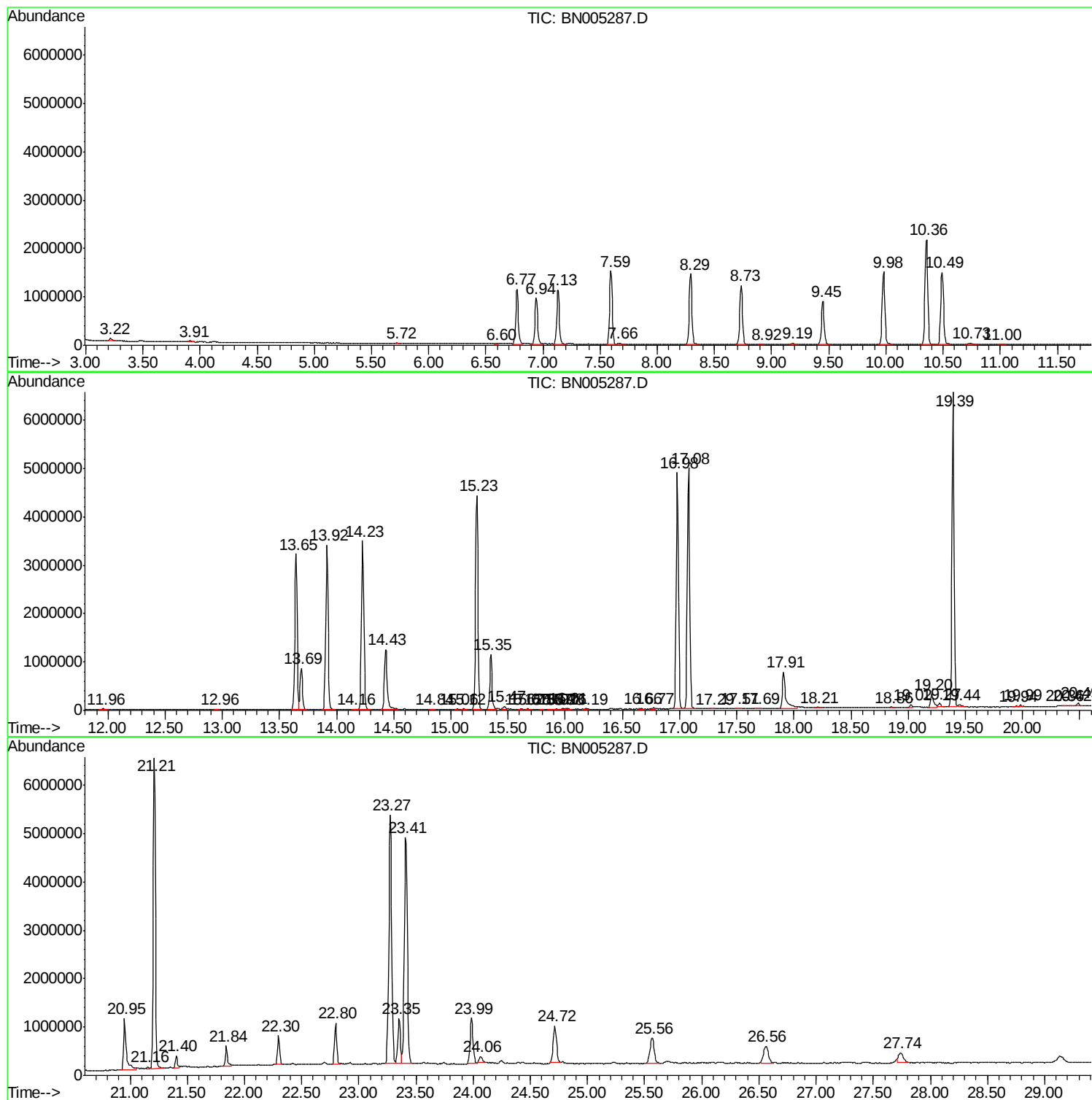
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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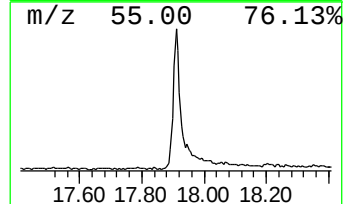
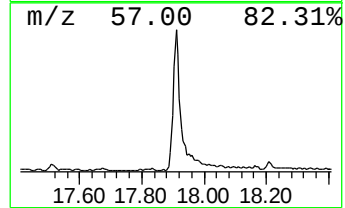
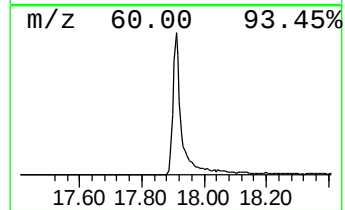
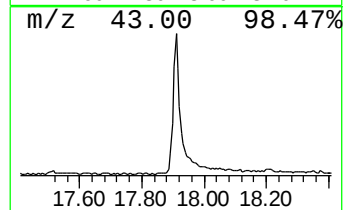
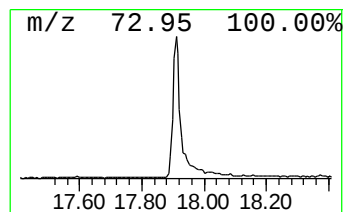
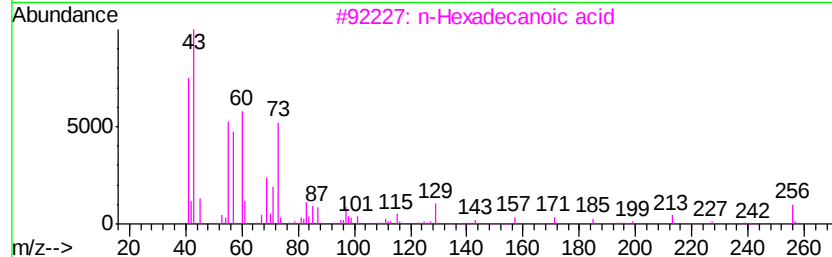
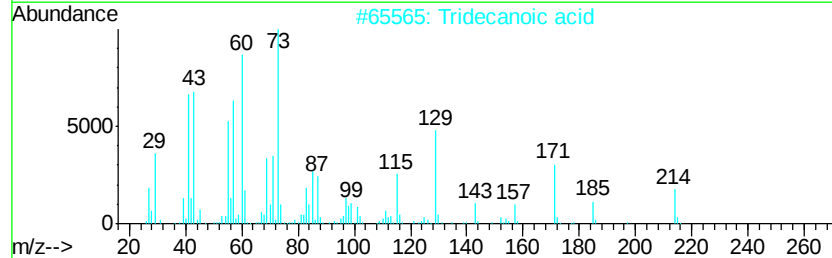
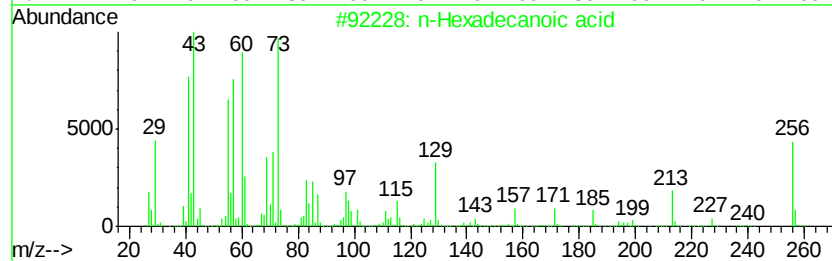
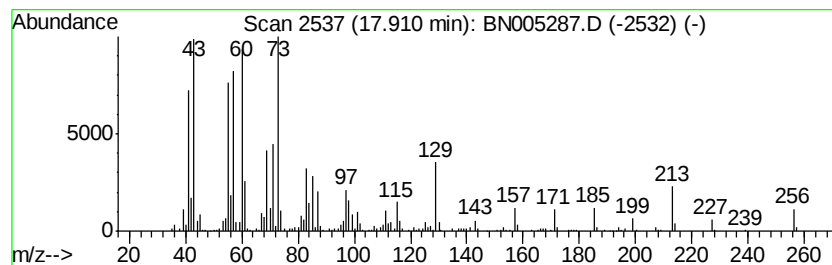
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.91	4.32 ng/ul	1464020	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80



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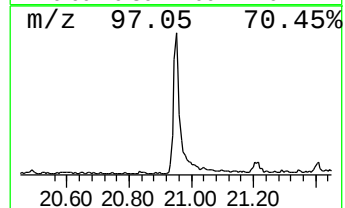
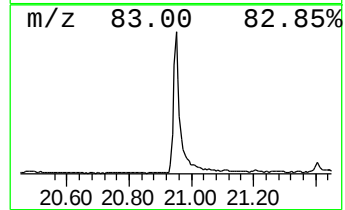
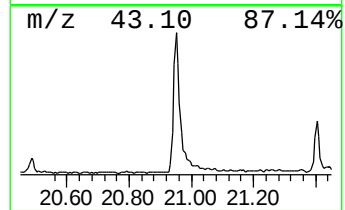
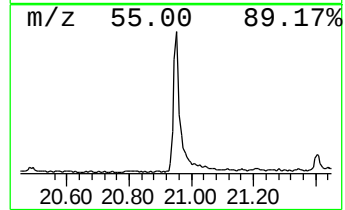
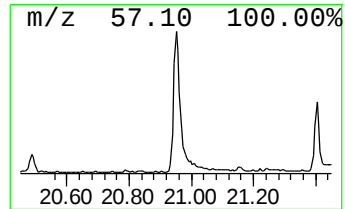
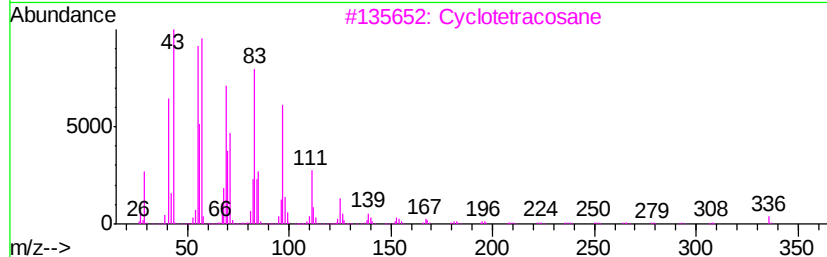
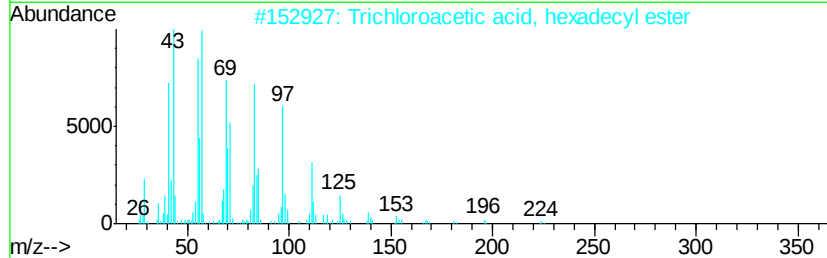
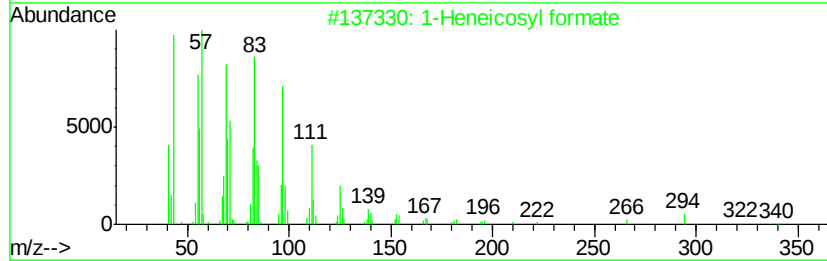
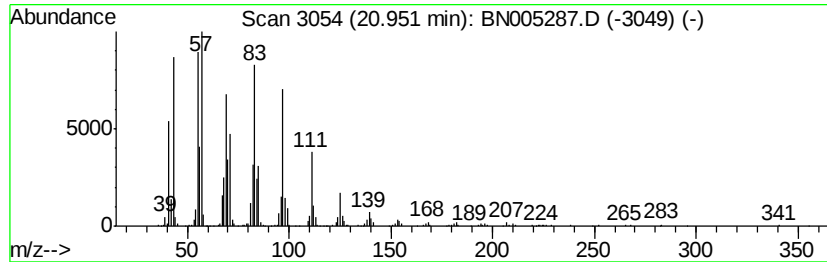
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	4.53 ng/ul	1845950	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		Cyclotetracosane	336	C24H48	000297-03-0	91
4		2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91
5		10-Heneicosene (c,t)	294	C21H42	095008-11-0	90



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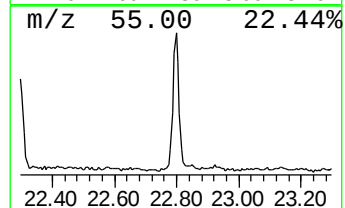
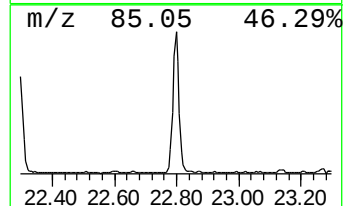
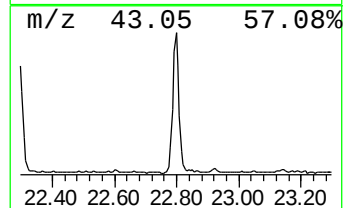
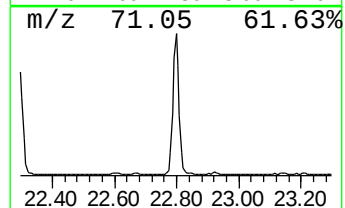
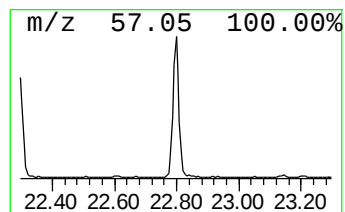
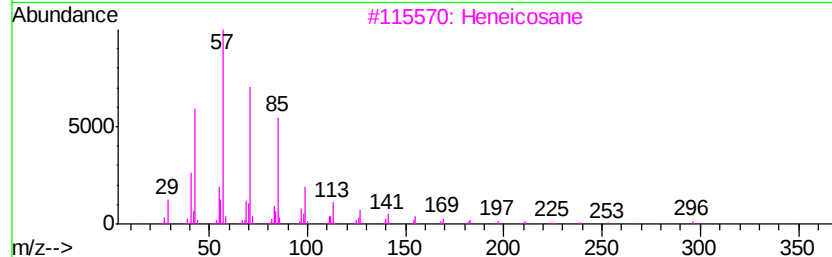
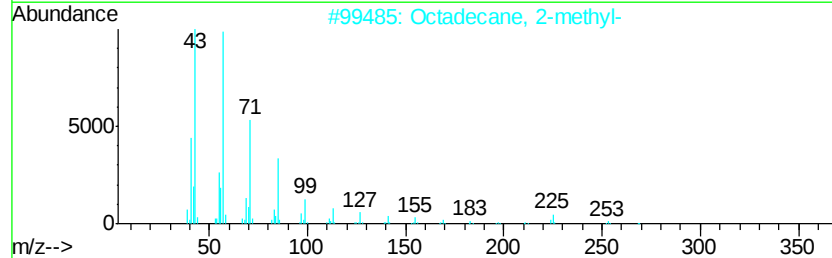
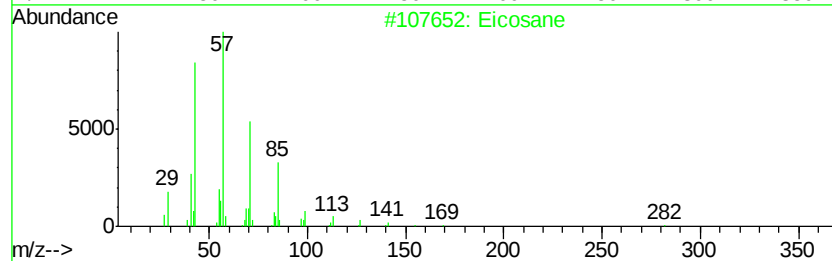
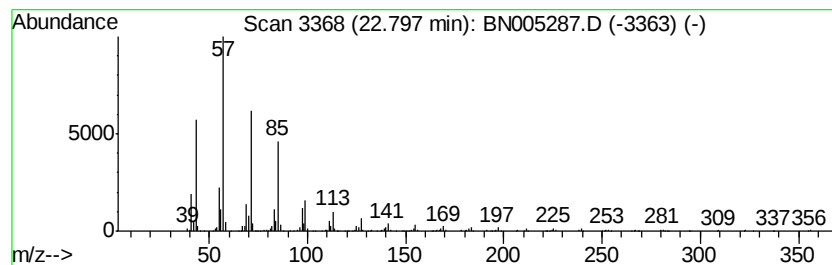
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.75 ng/ul	1179580	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



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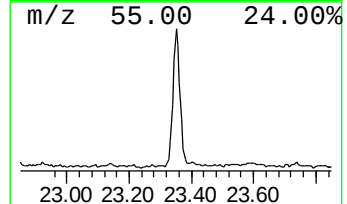
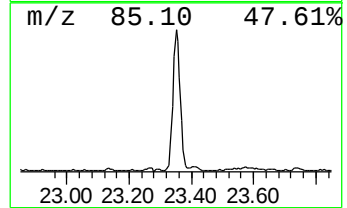
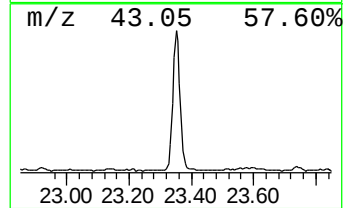
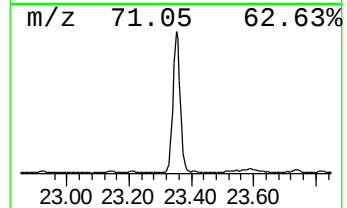
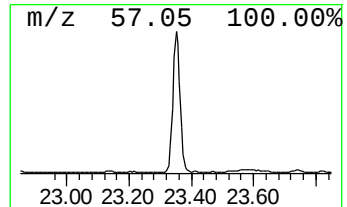
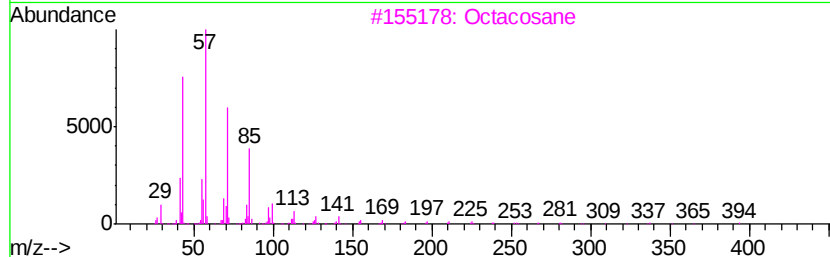
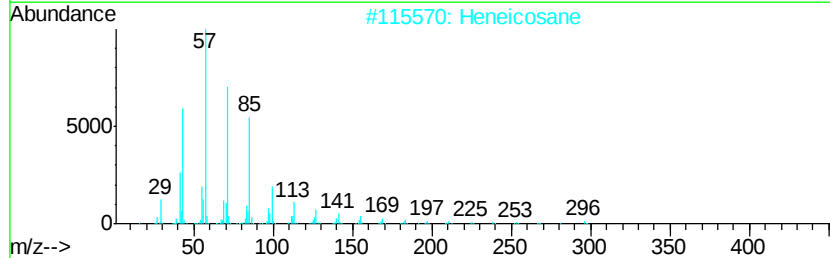
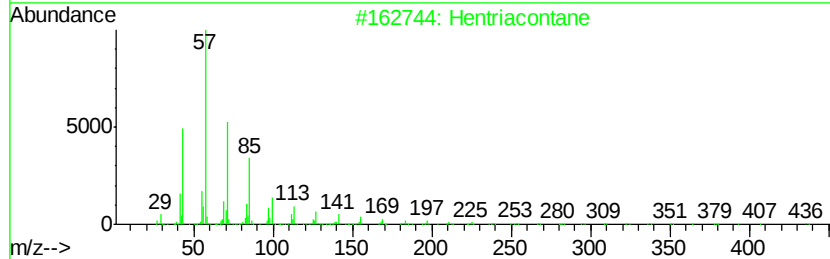
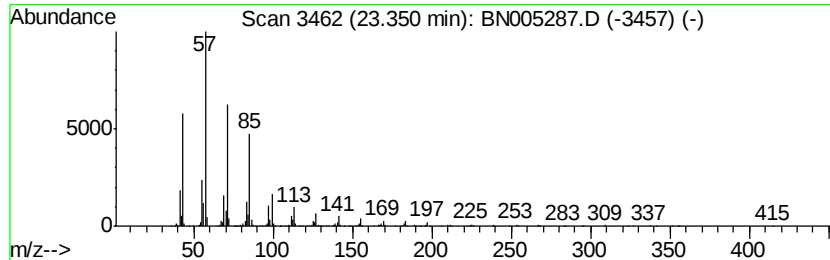
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	3.56 ng/ul	1525700	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Docosane	310	C22H46	000629-97-0	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005287.D
Acq On : 25 Apr 2019 19:33
Operator : JU/SJ
Sample : K2456-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP6

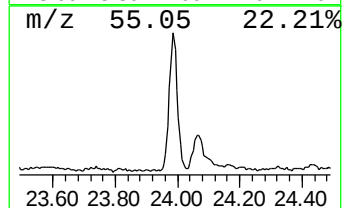
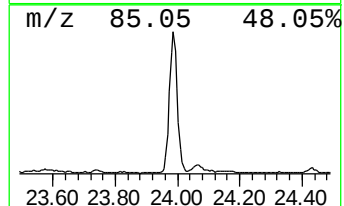
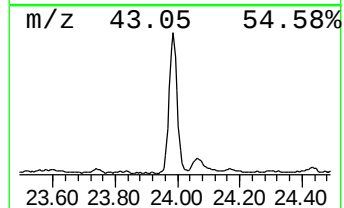
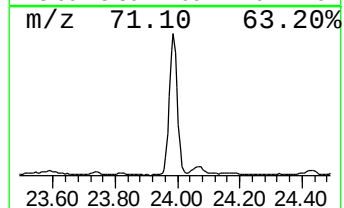
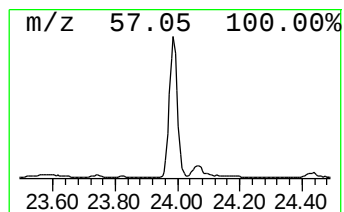
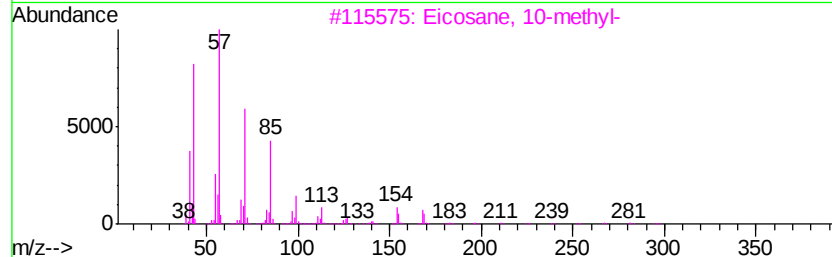
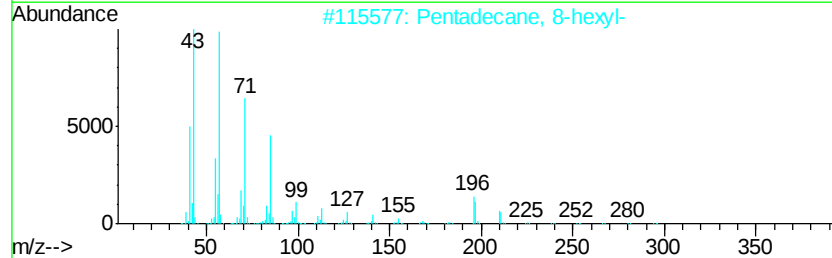
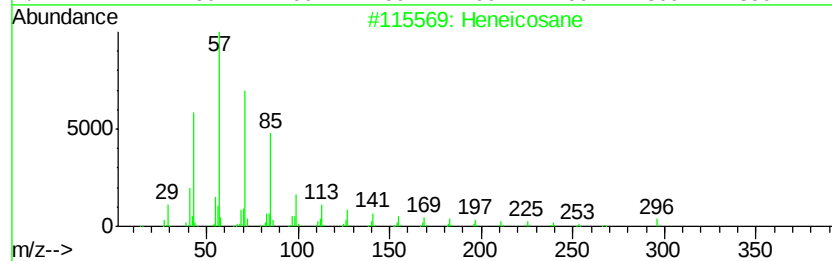
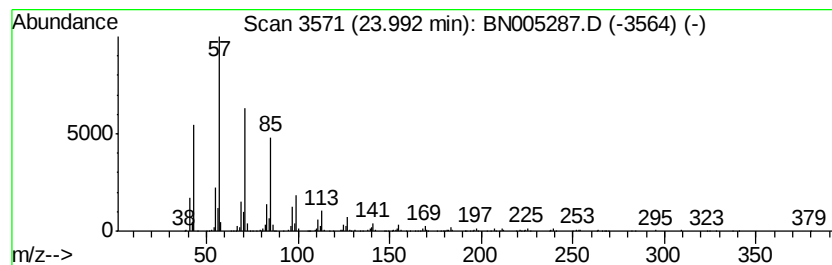
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.91 ng/ul	1675490	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	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		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005287.D
Acq On : 25 Apr 2019 19:33
Operator : JU/SJ
Sample : K2456-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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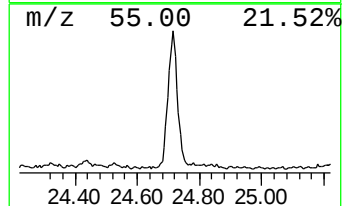
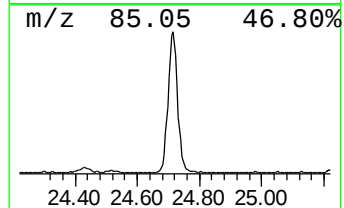
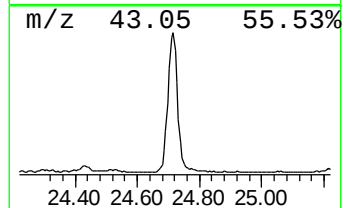
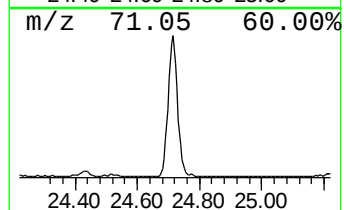
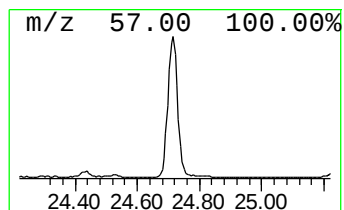
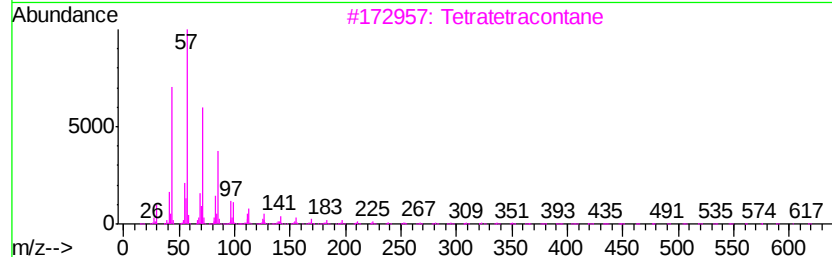
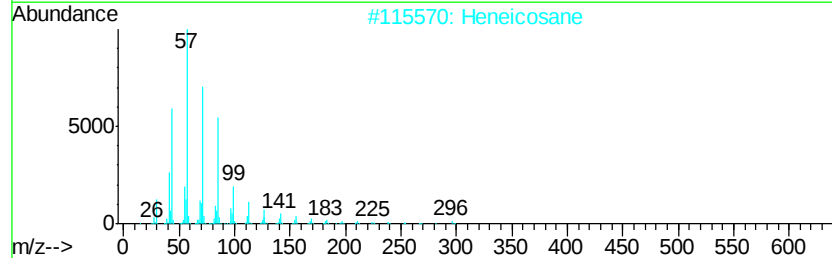
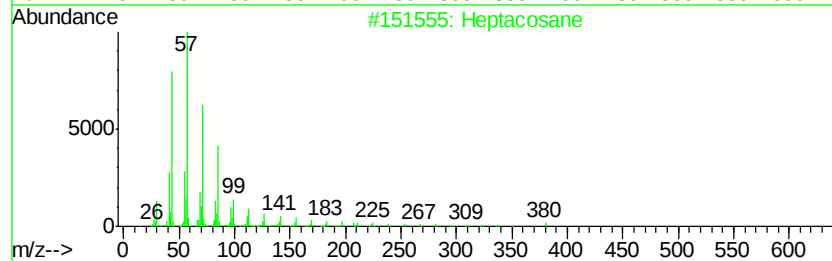
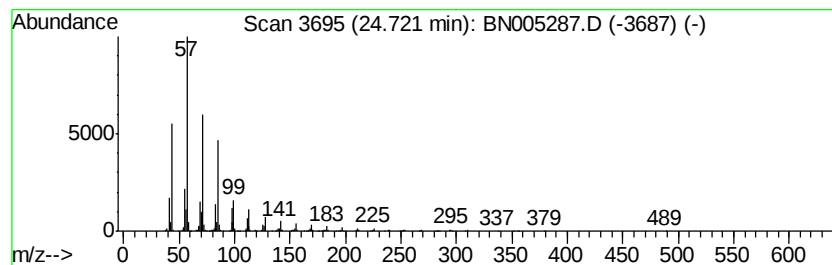
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	3.68 ng/ul	1574270	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005287.D
Acq On : 25 Apr 2019 19:33
Operator : JU/SJ
Sample : K2456-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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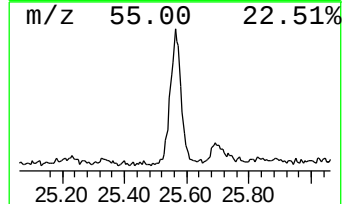
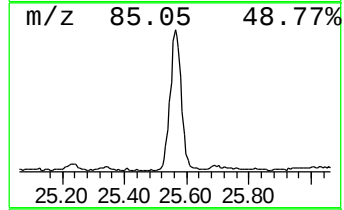
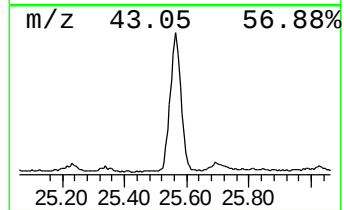
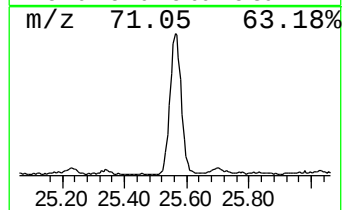
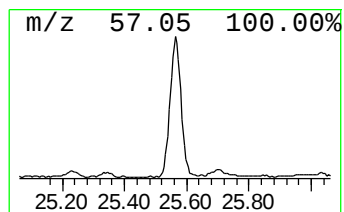
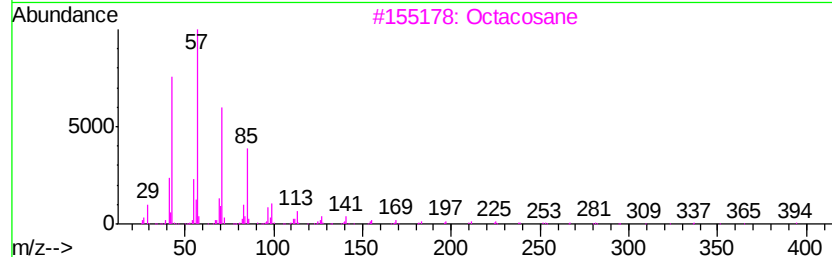
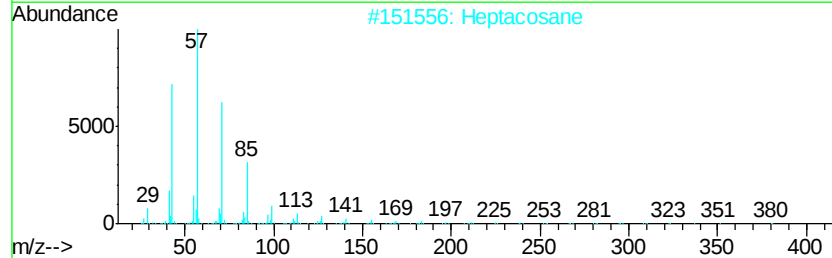
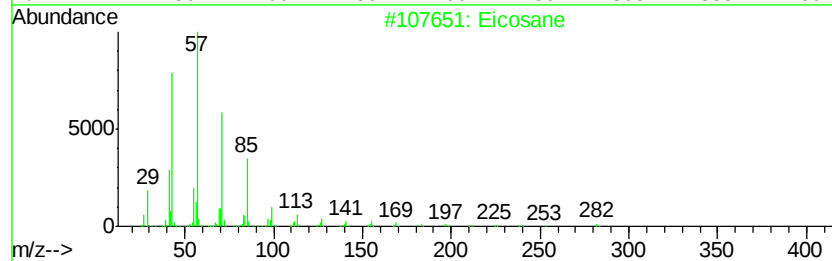
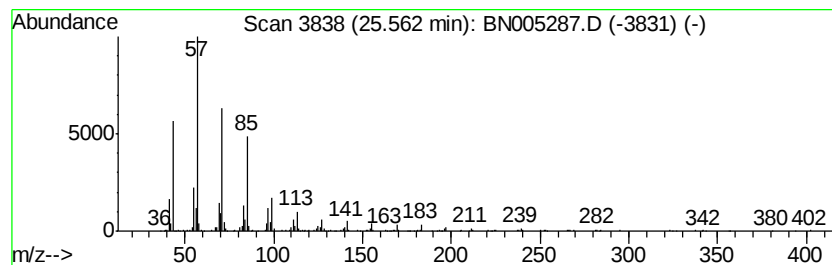
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.56	3.10 ng/ul	1329100	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heptacosane	380	C27H56	000593-49-7	94
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005287.D
Acq On : 25 Apr 2019 19:33
Operator : JU/SJ
Sample : K2456-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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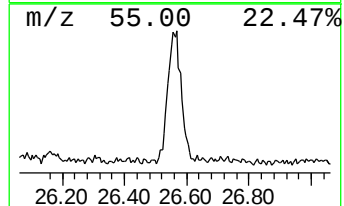
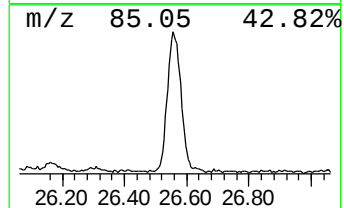
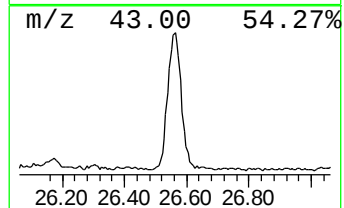
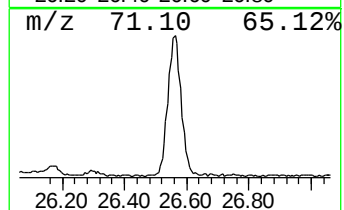
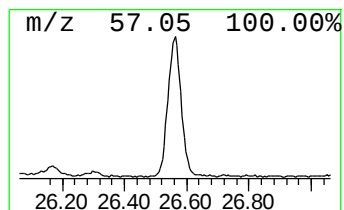
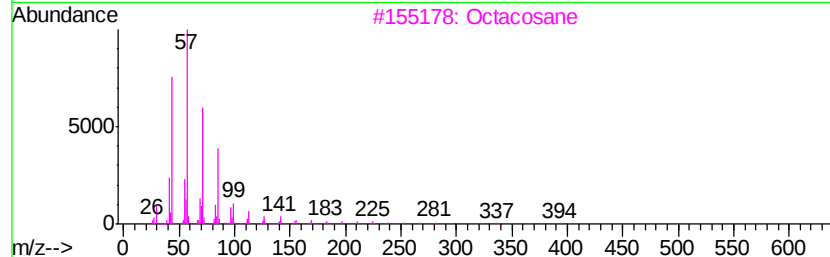
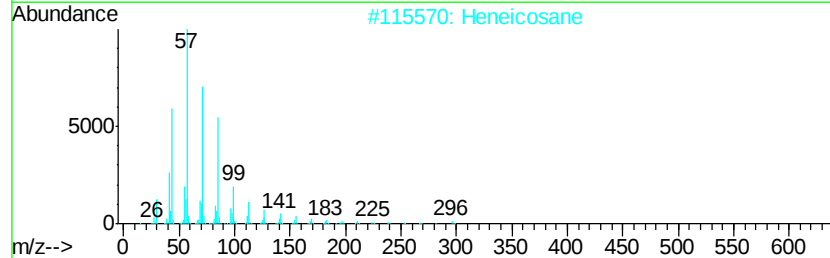
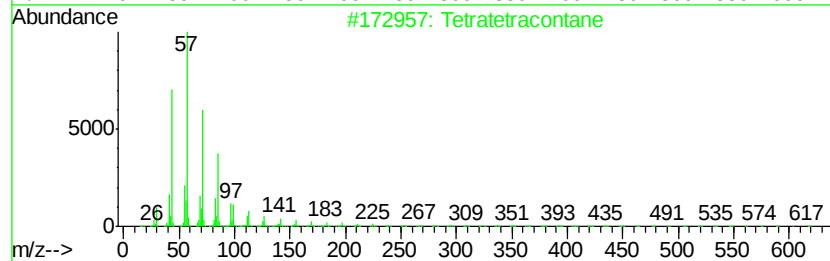
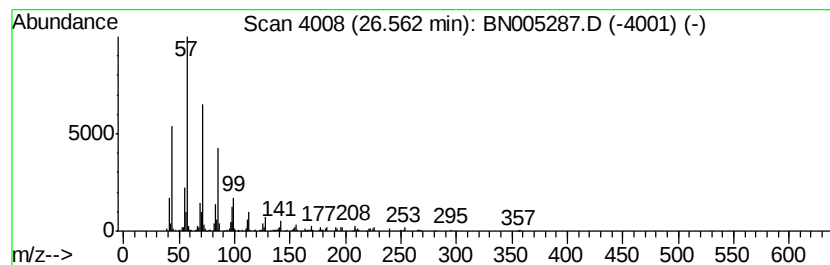
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.56	2.33 ng/ul	997351	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5		Pentacosane, 13-undecyl-	507	C36H74	055517-89-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005287.D
Acq On : 25 Apr 2019 19:33
Operator : JU/SJ
Sample : K2456-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP6

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
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1-Heneicosyl formate	20.95	4.5	ng/ul	1845950	5	21.21	8152500	20.0
(DEL) Alkane: Str...	22.80	2.8	ng/ul	1179580	6	23.41	8567320	20.0
(DEL) Alkane: Str...	23.35	3.6	ng/ul	1525700	6	23.41	8567320	20.0
(DEL) Alkane: Str...	23.99	3.9	ng/ul	1675490	6	23.41	8567320	20.0
(DEL) Alkane: Str...	24.72	3.7	ng/ul	1574270	6	23.41	8567320	20.0
(DEL) Alkane: Str...	25.56	3.1	ng/ul	1329100	6	23.41	8567320	20.0
(DEL) Alkane: Str...	26.56	2.3	ng/ul	997351	6	23.41	8567320	20.0