

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
 Data File : BN008540.D
 Acq On : 14 Nov 2019 02:24
 Operator : JU
 Sample : K5679-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0CM6

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-BN111319MA.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	46	rVB	97885	126459	2.30%	0.200%
2	3.846	140	146	152	rVV6	14083	24869	0.45%	0.039%
3	3.934	156	161	166	rVB2	14358	21823	0.40%	0.034%
4	4.146	194	197	199	rVV4	11024	13688	0.25%	0.022%
5	4.828	309	313	316	rVB6	6044	9110	0.17%	0.014%
6	5.781	470	475	477	rBV4	6521	8362	0.15%	0.013%
7	6.322	564	567	569	rBV3	7015	8628	0.16%	0.014%
8	6.646	618	622	626	rBV7	4717	8629	0.16%	0.014%
9	6.811	644	650	660	rBV2	234168	527233	9.60%	0.833%
10	6.975	669	678	687	rBV	609455	982914	17.90%	1.552%
11	7.175	705	712	720	rBV	716849	1143947	20.84%	1.807%
12	7.258	723	726	734	rBV	37497	69384	1.26%	0.110%
13	7.634	783	790	800	rBV	1209927	1885740	34.35%	2.978%
14	7.716	800	804	809	rVV3	16728	25270	0.46%	0.040%
15	7.869	826	830	833	rVB5	5149	7193	0.13%	0.011%
16	8.328	902	908	917	rBV	588147	943713	17.19%	1.491%
17	8.428	920	925	931	rVV6	8055	12569	0.23%	0.020%
18	8.510	933	939	941	rBV4	10381	16523	0.30%	0.026%
19	8.769	976	983	993	rBV	806565	1307034	23.81%	2.064%
20	8.957	1011	1015	1019	rVB6	5253	9689	0.18%	0.015%
21	9.034	1023	1028	1032	rVB6	6038	10023	0.18%	0.016%
22	9.269	1063	1068	1073	rVB	38681	59061	1.08%	0.093%
23	9.487	1098	1105	1114	rBV	574250	906514	16.51%	1.432%
24	9.646	1127	1132	1134	rBV5	5415	7582	0.14%	0.012%
25	9.681	1134	1138	1140	rVB5	6304	7497	0.14%	0.012%
26	10.022	1189	1196	1206	rBV	1034293	1676448	30.54%	2.648%
27	10.099	1206	1209	1213	rVB4	13031	16888	0.31%	0.027%
28	10.281	1234	1240	1248	rBV9	9296	23401	0.43%	0.037%
29	10.399	1251	1260	1268	rBV	1624359	2689747	49.00%	4.248%
30	10.463	1268	1271	1276	rVB5	15631	21663	0.39%	0.034%
31	10.528	1276	1282	1288	rBV2	51625	91290	1.66%	0.144%
32	11.404	1426	1431	1436	rVV6	10895	17344	0.32%	0.027%
33	11.569	1454	1459	1463	rBV7	9576	13854	0.25%	0.022%
34	11.763	1486	1492	1496	rVB3	27490	43257	0.79%	0.068%

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35	11.846	1503	1506	1509	rBV5	6285	9224	0.17%	0.015%
36	11.910	1513	1517	1522	rBV7	5876	10108	0.18%	0.016%
37	11.993	1525	1531	1536	rBV2	21106	37394	0.68%	0.059%
38	12.622	1633	1638	1642	rBV5	10561	15764	0.29%	0.025%
39	12.887	1678	1683	1685	rBV5	9666	14616	0.27%	0.023%
40	13.246	1743	1744	1749	rVB5	6323	7718	0.14%	0.012%
41	13.675	1811	1817	1821	rBV	2046090	2773356	50.52%	4.380%
42	13.722	1821	1825	1830	rVB	348713	469337	8.55%	0.741%
43	13.945	1856	1863	1870	rBV	2082610	3086178	56.22%	4.874%
44	14.204	1904	1907	1909	rBV4	5651	7736	0.14%	0.012%
45	14.257	1909	1916	1922	rVV	2495397	3639909	66.30%	5.749%
46	14.316	1922	1926	1932	rVB3	54020	100452	1.83%	0.159%
47	14.445	1942	1948	1955	rVV	203617	305102	5.56%	0.482%
48	14.616	1972	1977	1979	rBV6	8277	11646	0.21%	0.018%
49	14.822	2006	2012	2020	rVB7	23817	48478	0.88%	0.077%
50	15.098	2052	2059	2063	rBV5	26213	39740	0.72%	0.063%
51	15.151	2063	2068	2073	rVB7	14544	28603	0.52%	0.045%
52	15.251	2079	2085	2095	rBV	2676963	3808801	69.38%	6.016%
53	15.363	2098	2104	2114	rBV	615493	856400	15.60%	1.353%
54	15.492	2119	2126	2131	rVV5	38752	77770	1.42%	0.123%
55	15.551	2133	2136	2143	rVV7	13843	23228	0.42%	0.037%
56	15.634	2146	2150	2155	rBV7	11872	23587	0.43%	0.037%
57	15.716	2159	2164	2165	rBV5	6003	7353	0.13%	0.012%
58	15.745	2165	2169	2172	rBV6	8985	12063	0.22%	0.019%
59	15.910	2195	2197	2201	rVB4	7021	9569	0.17%	0.015%
60	16.016	2212	2215	2216	rVV2	12439	12358	0.23%	0.020%
61	16.045	2216	2220	2223	rVB6	16375	25394	0.46%	0.040%
62	16.169	2239	2241	2246	rVV6	5205	9412	0.17%	0.015%
63	16.310	2263	2265	2270	rBV6	6181	7922	0.14%	0.013%
64	16.369	2270	2275	2278	rBV6	6896	10658	0.19%	0.017%
65	16.434	2284	2286	2290	rVB5	15178	17188	0.31%	0.027%
66	16.645	2320	2322	2326	rBV4	8015	11483	0.21%	0.018%
67	16.681	2326	2328	2333	rVB5	9748	11830	0.22%	0.019%
68	16.781	2342	2345	2348	rBV2	15694	17466	0.32%	0.028%
69	16.875	2357	2361	2366	rBV8	14179	24996	0.46%	0.039%
70	16.998	2375	2382	2388	rBV	3057702	4268278	77.75%	6.741%
71	17.098	2392	2399	2410	rVB	3069488	4284886	78.05%	6.768%

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72	17.204	2414	2417	2421	rBV6	17961	23407	0.43%	0.037%
73	17.310	2433	2435	2440	rVB6	12153	14169	0.26%	0.022%
74	17.416	2448	2453	2461	rBV6	12302	37044	0.67%	0.059%
75	17.798	2514	2518	2522	rBV7	13859	20269	0.37%	0.032%
76	17.928	2535	2540	2548	rBV	428771	663579	12.09%	1.048%
77	18.222	2585	2590	2599	rVB	29076	51523	0.94%	0.081%
78	18.792	2684	2687	2692	rVB6	25651	37340	0.68%	0.059%
79	19.028	2722	2727	2731	rBV	50855	79872	1.45%	0.126%
80	19.069	2731	2734	2735	rBV3	16289	15482	0.28%	0.024%
81	19.216	2755	2759	2765	rBV2	144605	196751	3.58%	0.311%
82	19.280	2768	2770	2776	rVB	39500	48314	0.88%	0.076%
83	19.392	2783	2789	2798	rBV	3782575	5215296	95.00%	8.237%
84	19.957	2881	2885	2889	rBV7	30211	42167	0.77%	0.067%
85	20.357	2950	2953	2959	rVB8	29615	35735	0.65%	0.056%
86	20.492	2974	2976	2980	rVB4	20735	20699	0.38%	0.033%
87	20.598	2992	2994	2996	rBV3	21838	17104	0.31%	0.027%
88	20.945	3049	3053	3058	rBV	1244811	1488617	27.12%	2.351%
89	20.992	3058	3061	3068	rVB	151982	238884	4.35%	0.377%
90	21.151	3085	3088	3090	rBV3	52573	52266	0.95%	0.083%
91	21.192	3090	3095	3103	rVB	3685174	4693820	85.50%	7.414%
92	21.398	3127	3130	3135	rVB	134260	141714	2.58%	0.224%
93	21.833	3200	3204	3208	rBV	211607	257948	4.70%	0.407%
94	22.286	3277	3281	3290	rVB	295168	416996	7.60%	0.659%
95	22.786	3361	3366	3370	rBV	397966	594761	10.83%	0.939%
96	23.233	3435	3442	3450	rVB	2864827	5024515	91.53%	7.936%
97	23.369	3455	3465	3473	rBV	2675646	5489694	100.00%	8.671%
98	23.968	3562	3567	3573	rBV	375154	659157	12.01%	1.041%
99	24.033	3574	3578	3588	rVB3	182746	355730	6.48%	0.562%
100	24.692	3686	3690	3697	rVB	256217	517319	9.42%	0.817%

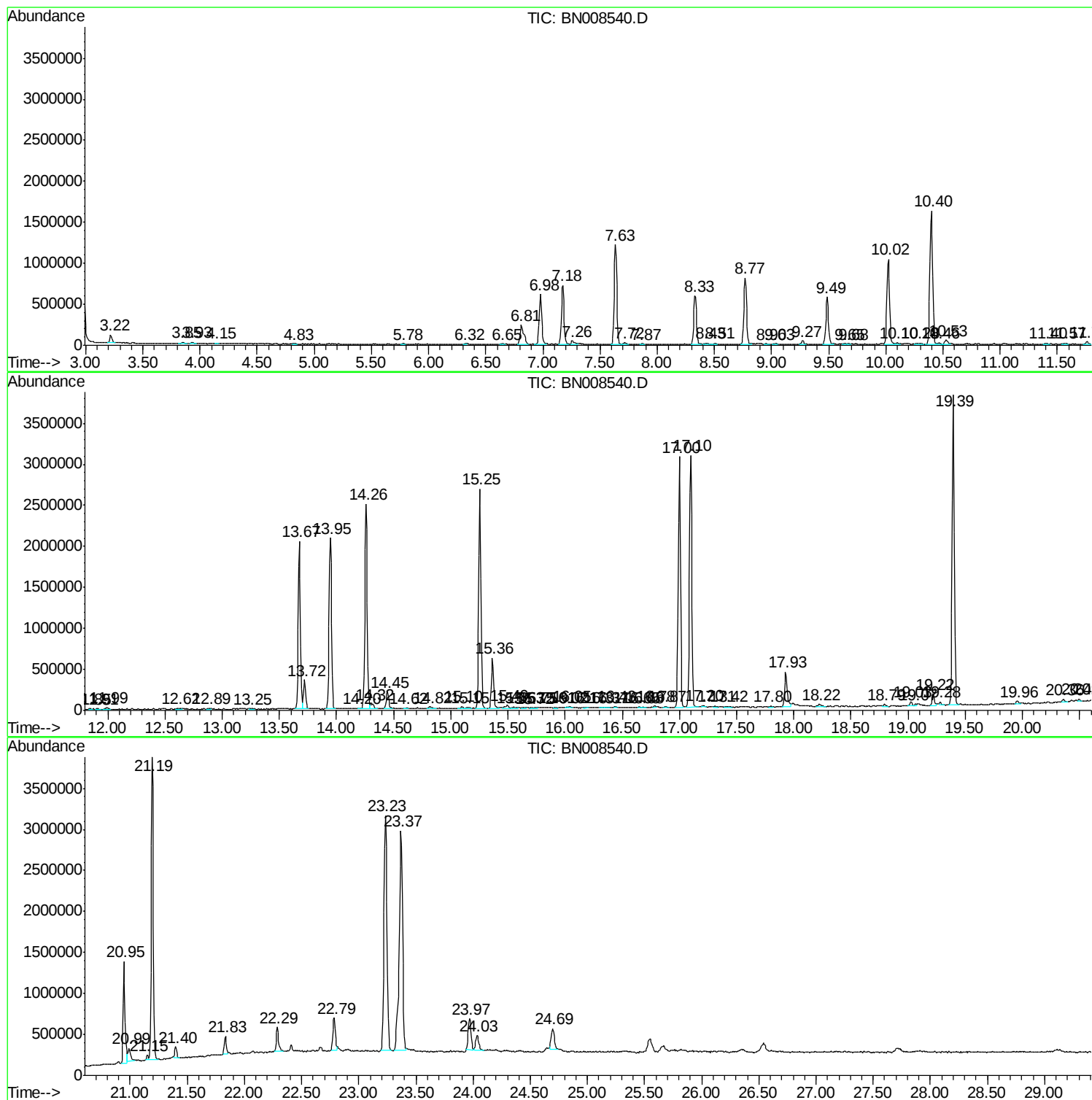
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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



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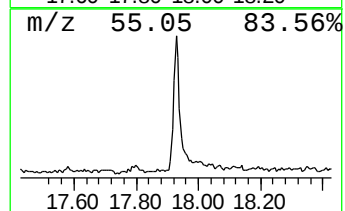
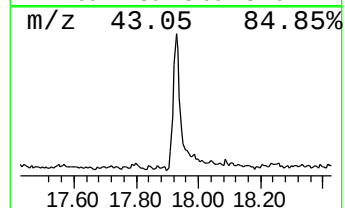
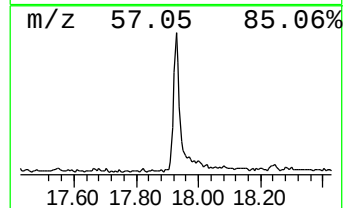
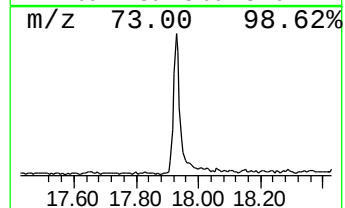
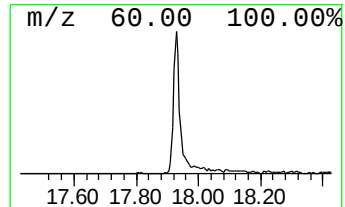
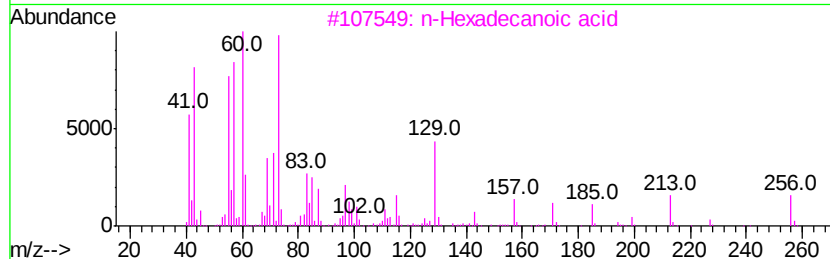
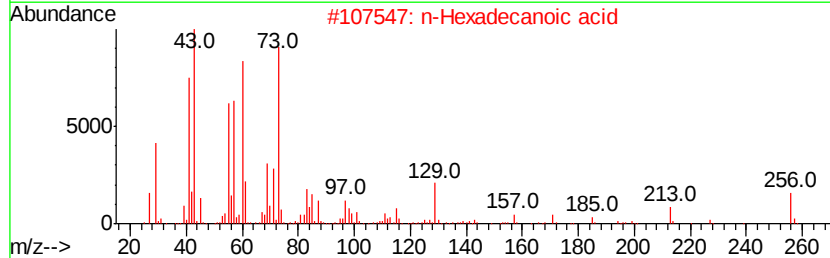
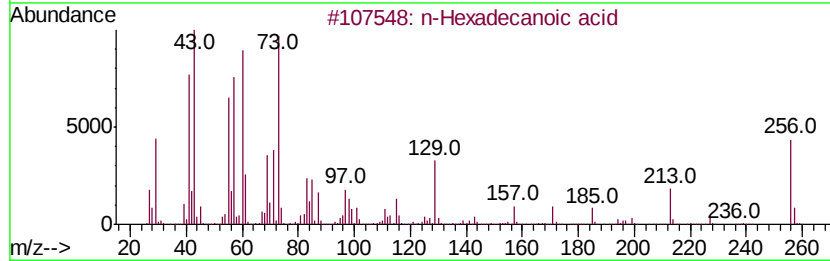
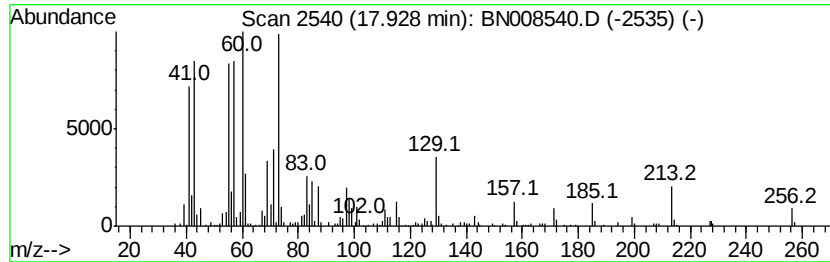
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.93	3.11 ng/ul	663579	Phenanthrene-d10	17.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91	



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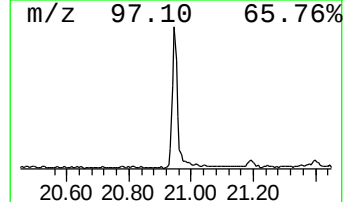
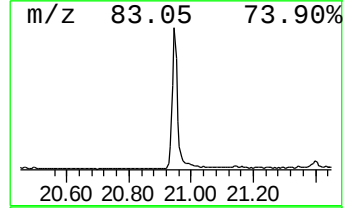
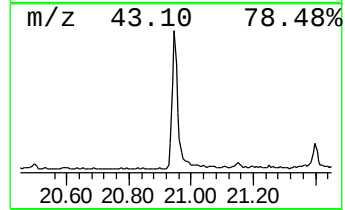
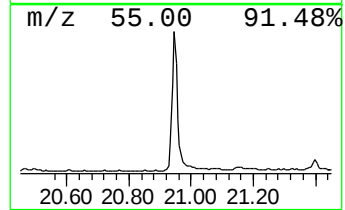
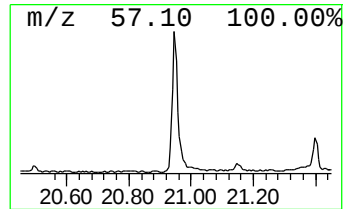
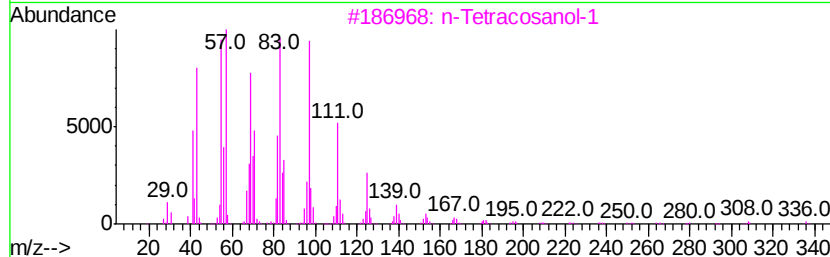
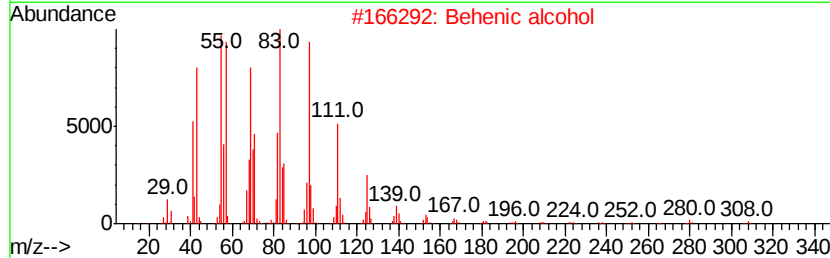
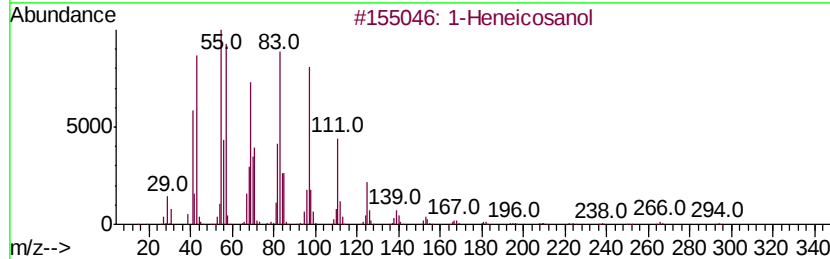
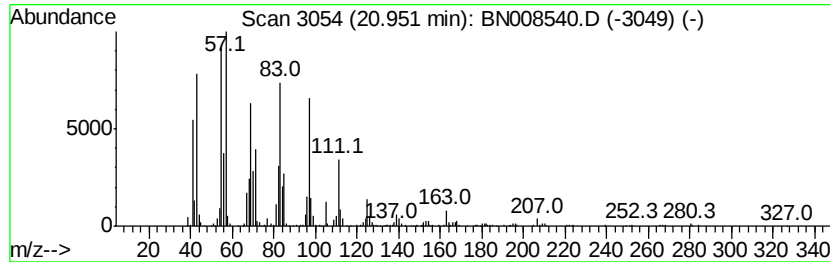
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.95	6.34 ng/ul	1488620	Chrysene-d12	21.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91



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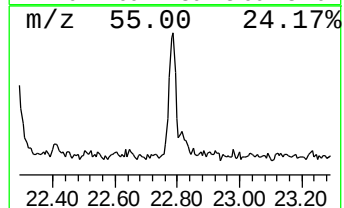
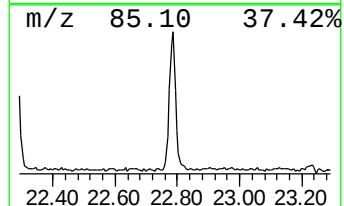
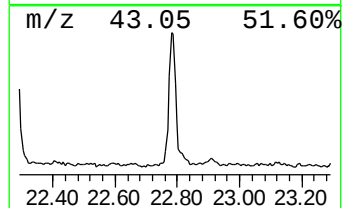
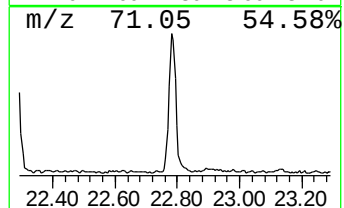
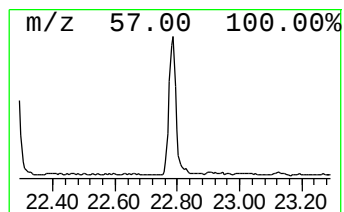
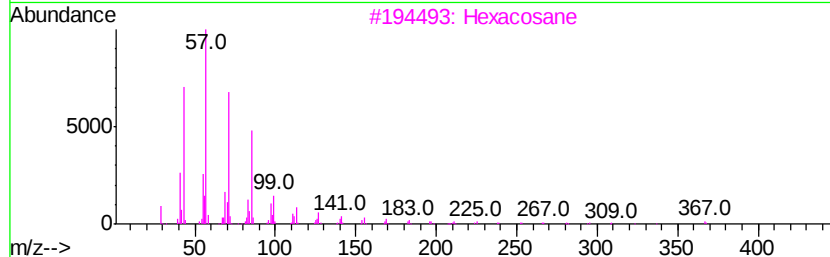
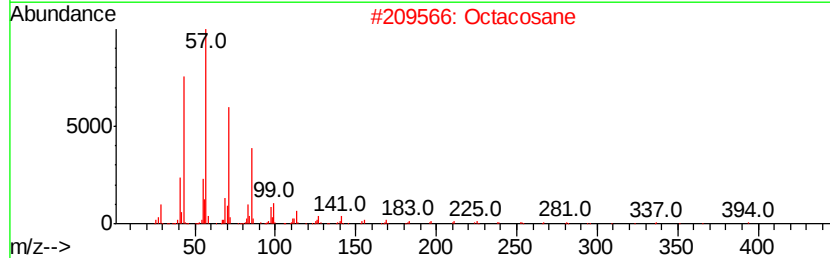
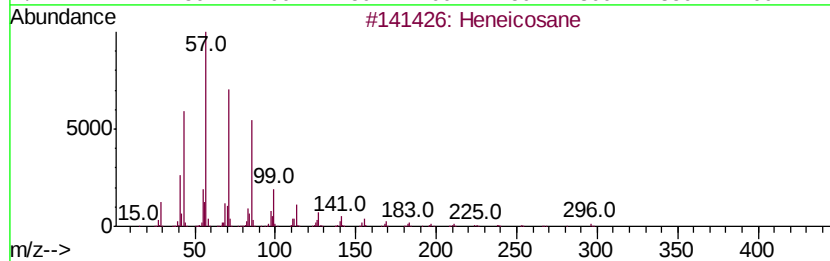
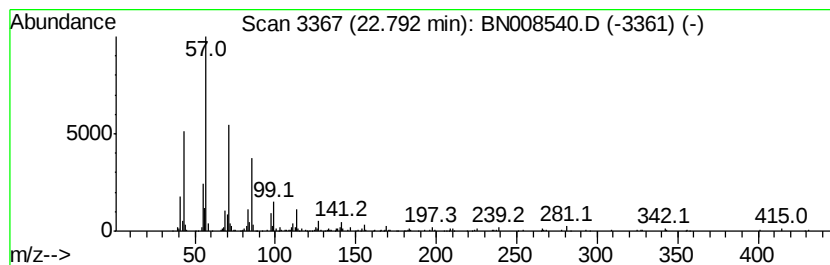
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.17 ng/ul	594761	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008540.D
Acq On : 14 Nov 2019 02:24
Operator : JU
Sample : K5679-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0CM6

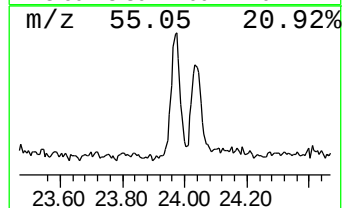
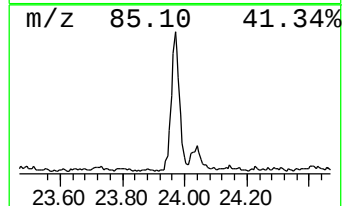
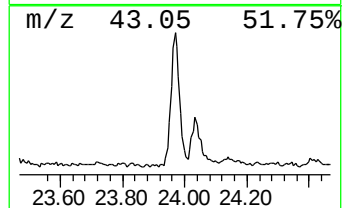
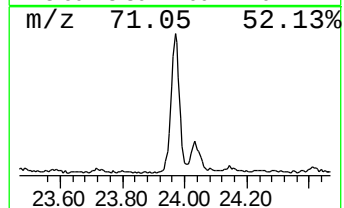
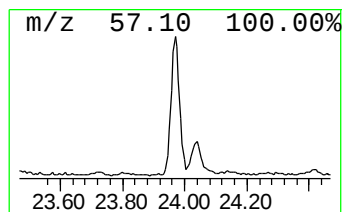
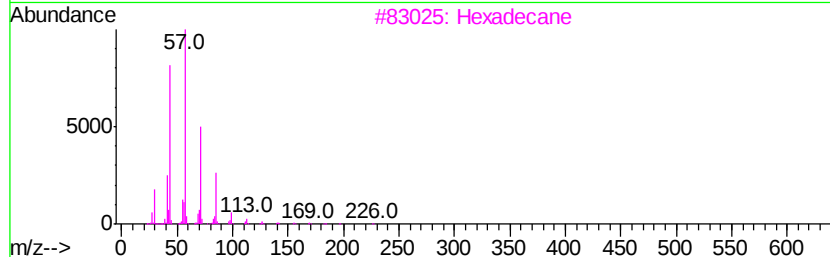
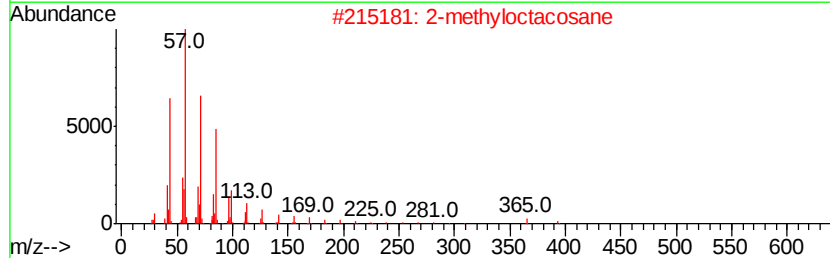
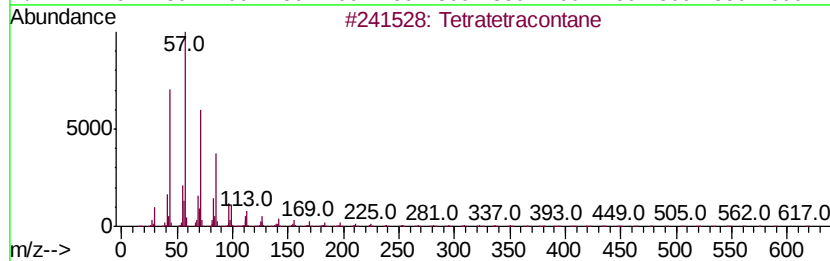
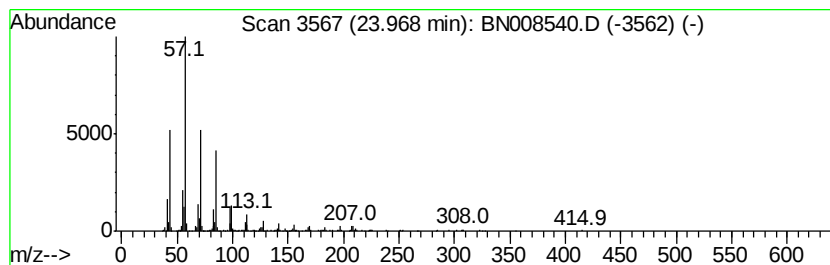
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	2.40 ng/ul	659157	Perylene-d12	23.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Hexadecane	226	C16H34	000544-76-3	91
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
Data File : BN008540.D
Acq On : 14 Nov 2019 02:24
Operator : JU
Sample : K5679-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0CM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.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	17.93	3.1	ng/ul	663579	4	17.00	4268280	20.0
1-Heneicosanol	20.95	6.3	ng/ul	1488620	5	21.19	4693820	20.0
(DEL) Alkane: Str...	22.79	2.2	ng/ul	594761	6	23.37	5489690	20.0
(DEL) Alkane: Str...	23.97	2.4	ng/ul	659157	6	23.37	5489690	20.0