

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
 Data File : BN006031.D
 Acq On : 02 Jun 2019 14:08
 Operator : JU/SJ
 Sample : K2846-23
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHA5

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-BN052819MA.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	3.248	12	16	25	rVB	134222	194556	2.19%	0.164%
2	3.513	58	61	70	rVB	28534	52182	0.59%	0.044%
3	3.872	117	122	131	rVV	132741	203912	2.30%	0.172%
4	3.972	135	139	143	rVB	23159	31858	0.36%	0.027%
5	4.066	153	155	159	rVB3	17045	18846	0.21%	0.016%
6	4.283	189	192	197	rBV	16716	23059	0.26%	0.019%
7	4.324	197	199	205	rVB6	16438	21936	0.25%	0.018%
8	4.854	284	289	298	rVB	179024	259252	2.92%	0.219%
9	4.954	302	306	310	rVB6	12020	19365	0.22%	0.016%
10	5.819	449	453	461	rVB	31823	50954	0.57%	0.043%
11	6.124	503	505	511	rVB2	17682	25108	0.28%	0.021%
12	6.377	544	548	553	rVB4	13322	20973	0.24%	0.018%
13	6.730	603	608	611	rBV7	7838	15698	0.18%	0.013%
14	6.895	627	636	652	rBV	2124455	3572864	40.29%	3.012%
15	7.060	658	664	680	rVB	1838876	2975999	33.56%	2.509%
16	7.260	691	698	707	rBV	2300967	3604925	40.65%	3.039%
17	7.724	769	777	784	rBV	1924602	3042209	34.30%	2.565%
18	7.783	784	787	795	rVV	38384	72604	0.82%	0.061%
19	8.430	890	897	908	rBV	2707690	4415313	49.79%	3.722%
20	8.548	913	917	925	rVB3	21734	43247	0.49%	0.036%
21	8.683	936	940	949	rVB10	5677	13375	0.15%	0.011%
22	8.883	967	974	987	rBV	2173054	3603349	40.63%	3.038%
23	8.989	989	992	996	rVV5	13956	24023	0.27%	0.020%
24	9.042	997	1001	1006	rVB4	18565	29230	0.33%	0.025%
25	9.301	1039	1045	1053	rVB2	43762	65596	0.74%	0.055%
26	9.601	1087	1096	1110	rBV	1763041	2952861	33.30%	2.489%
27	10.136	1179	1187	1208	rBV	2613731	4480185	50.52%	3.777%
28	10.301	1210	1215	1218	rVB6	12235	21020	0.24%	0.018%
29	10.518	1243	1252	1263	rBV	2609766	4496637	50.70%	3.791%
30	10.654	1267	1275	1297	rVB	2617373	4505498	50.80%	3.798%
31	11.254	1374	1377	1382	rBV4	9721	15738	0.18%	0.013%
32	11.306	1382	1386	1391	rVV5	10345	16317	0.18%	0.014%
33	11.565	1423	1430	1440	rBV	49367	102932	1.16%	0.087%
34	11.942	1491	1494	1499	rVB3	8567	11960	0.13%	0.010%

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35	12.106	1517	1522	1532	rBV2	40867	71196	0.80%	0.060%
36	12.724	1623	1627	1634	rBV5	7404	14006	0.16%	0.012%
37	12.977	1666	1670	1676	rVB6	13265	17799	0.20%	0.015%
38	13.201	1704	1708	1716	rBV6	8482	15385	0.17%	0.013%
39	13.277	1716	1721	1726	rVV3	18147	32223	0.36%	0.027%
40	13.342	1728	1732	1738	rVB4	13027	19933	0.22%	0.017%
41	13.795	1802	1809	1813	rVV	4559861	6591108	74.32%	5.556%
42	13.836	1813	1816	1824	rVV	1644326	2169413	24.46%	1.829%
43	13.912	1824	1829	1832	rVB7	7047	13610	0.15%	0.011%
44	14.071	1845	1856	1872	rBV	5018507	7537064	84.99%	6.354%
45	14.283	1887	1892	1898	rVB4	15427	25004	0.28%	0.021%
46	14.383	1901	1909	1923	rVV2	3608200	5591516	63.05%	4.714%
47	14.589	1937	1944	1965	rBV	1524477	2401103	27.07%	2.024%
48	14.742	1966	1970	1974	rVV6	18493	38415	0.43%	0.032%
49	14.806	1976	1981	1994	rVV2	87177	151333	1.71%	0.128%
50	14.977	2004	2010	2016	rVV6	8191	14099	0.16%	0.012%
51	15.189	2041	2046	2051	rVV2	20833	32251	0.36%	0.027%
52	15.242	2051	2055	2060	rVB	33669	40544	0.46%	0.034%
53	15.383	2072	2079	2086	rBV	5906001	8868393	100.00%	7.476%
54	15.506	2095	2100	2111	rBV	739625	1047645	11.81%	0.883%
55	15.618	2114	2119	2128	rVB	83411	131641	1.48%	0.111%
56	15.742	2135	2140	2146	rVB7	9437	17382	0.20%	0.015%
57	15.953	2170	2176	2180	rBV8	9920	17571	0.20%	0.015%
58	16.059	2191	2194	2198	rBV5	8203	13418	0.15%	0.011%
59	16.106	2199	2202	2205	rVV2	13719	17156	0.19%	0.014%
60	16.165	2208	2212	2219	rVB3	30425	43443	0.49%	0.037%
61	16.277	2228	2231	2235	rVB3	10800	15520	0.18%	0.013%
62	16.342	2237	2242	2245	rBV7	8585	13063	0.15%	0.011%
63	16.453	2257	2261	2266	rBV7	5630	13531	0.15%	0.011%
64	16.683	2296	2300	2305	rBV2	12074	16774	0.19%	0.014%
65	16.812	2320	2322	2326	rVB5	12809	17096	0.19%	0.014%
66	16.900	2333	2337	2350	rVB2	45305	102594	1.16%	0.086%
67	17.065	2361	2365	2369	rVB5	19276	26023	0.29%	0.022%
68	17.136	2371	2377	2387	rVV2	3975132	5928489	66.85%	4.998%
69	17.236	2387	2394	2406	rVV	5436948	8368895	94.37%	7.055%
70	17.330	2408	2410	2414	rVV4	20241	30530	0.34%	0.026%
71	17.389	2414	2420	2434	rVB4	176231	378012	4.26%	0.319%

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72	17.641	2460	2463	2466	rBV5	12730	16322	0.18%	0.014%
73	17.788	2484	2488	2491	rBV	33885	42776	0.48%	0.036%
74	17.924	2506	2511	2514	rBV6	10209	18861	0.21%	0.016%
75	18.041	2526	2531	2539	rBV	351650	538350	6.07%	0.454%
76	18.112	2539	2543	2549	rVB	47723	80572	0.91%	0.068%
77	18.336	2577	2581	2584	rBV2	56640	78063	0.88%	0.066%
78	18.371	2584	2587	2594	rVB3	56654	98448	1.11%	0.083%
79	18.800	2658	2660	2664	rBV4	7960	13832	0.16%	0.012%
80	18.847	2666	2668	2672	rVB5	13480	19518	0.22%	0.016%
81	18.947	2682	2685	2687	rBV2	23468	24688	0.28%	0.021%
82	18.977	2687	2690	2696	rVB	61025	69312	0.78%	0.058%
83	19.177	2720	2724	2727	rBV	68185	88695	1.00%	0.075%
84	19.206	2727	2729	2738	rVB2	34786	52062	0.59%	0.044%
85	19.330	2748	2750	2754	rBV4	16589	17625	0.20%	0.015%
86	19.430	2764	2767	2772	rVB	51544	65437	0.74%	0.055%
87	19.477	2773	2775	2779	rVB4	17187	20473	0.23%	0.017%
88	19.547	2781	2787	2800	rBV2	5541299	7923030	89.34%	6.679%
89	20.071	2873	2876	2886	rBV7	43265	84915	0.96%	0.072%
90	20.606	2963	2967	2970	rVB	92128	104631	1.18%	0.088%
91	21.071	3042	3046	3058	rBV	1362441	1984928	22.38%	1.673%
92	21.365	3090	3096	3108	rBV	3384679	4603442	51.91%	3.881%
93	21.524	3119	3123	3128	rBV	190935	253143	2.85%	0.213%
94	21.971	3196	3199	3201	rBV	139139	164220	1.85%	0.138%
95	22.441	3275	3279	3286	rVB	349256	488825	5.51%	0.412%
96	22.965	3364	3368	3374	rVB	340344	482345	5.44%	0.407%
97	23.512	3454	3461	3474	rVB2	3339059	6917325	78.00%	5.831%
98	23.659	3479	3486	3493	rVV	2213099	4262035	48.06%	3.593%
99	24.206	3575	3579	3585	rVB2	326438	575620	6.49%	0.485%
100	24.970	3704	3709	3715	rVB	352352	686825	7.74%	0.579%

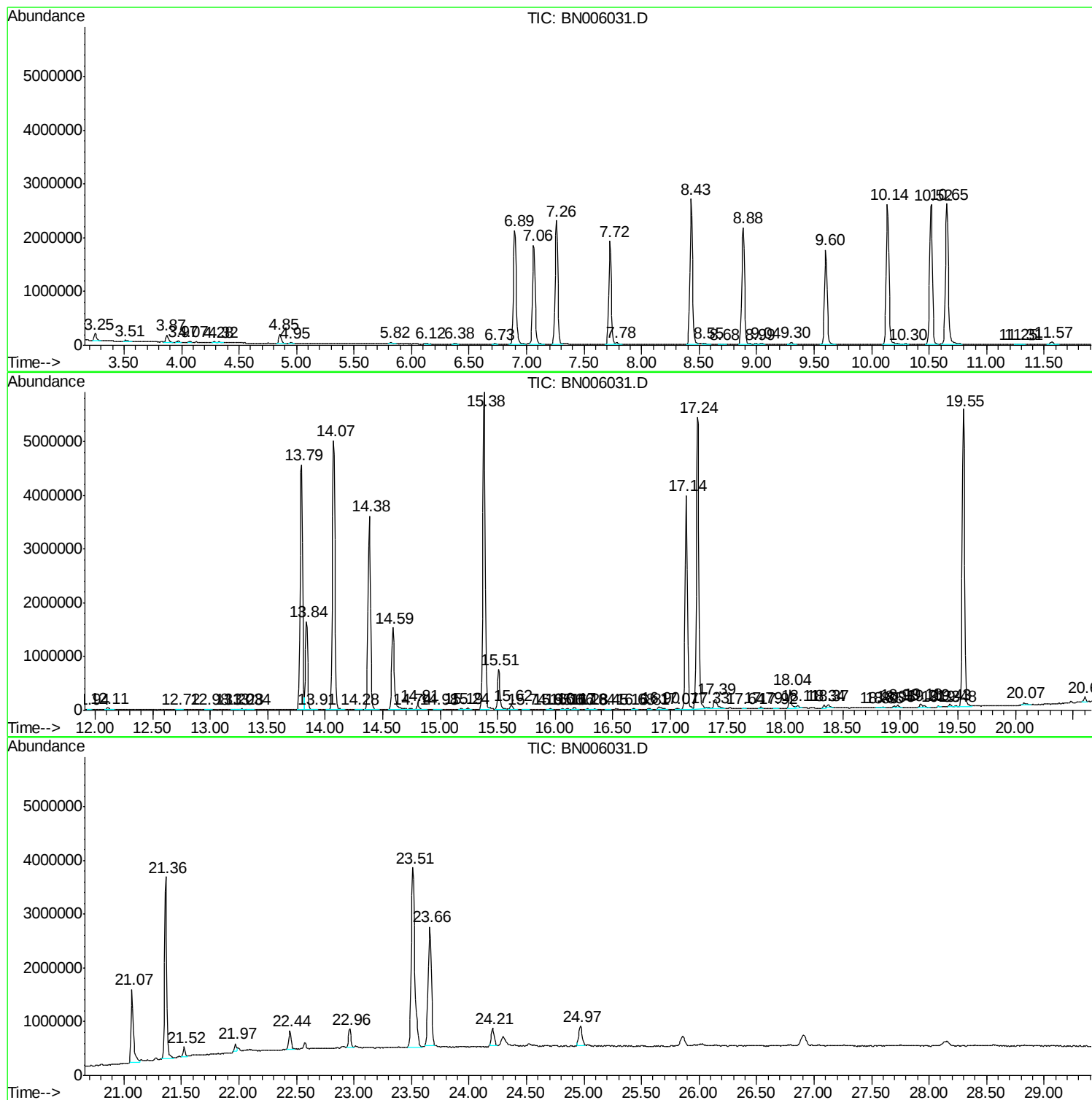
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Quant Title : SVOA CALIBRATION

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



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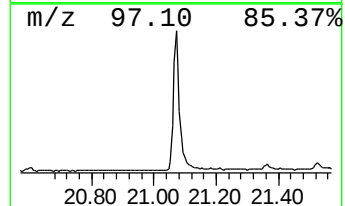
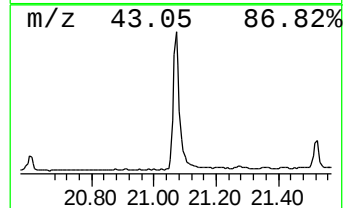
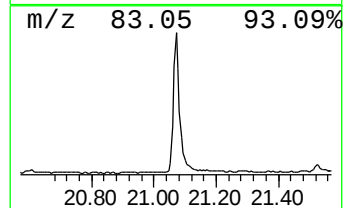
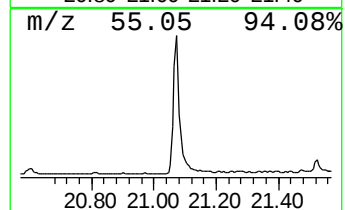
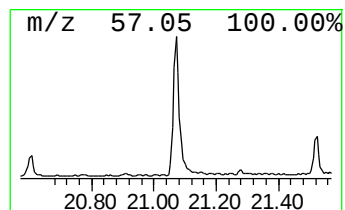
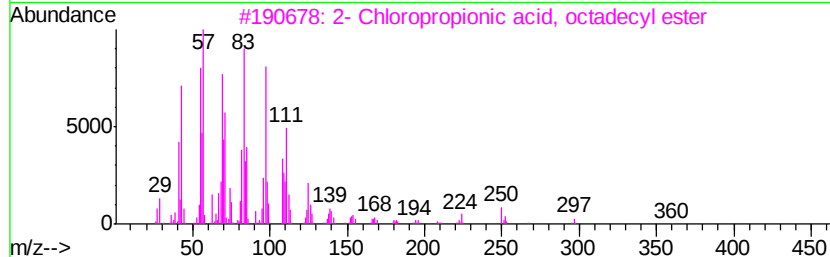
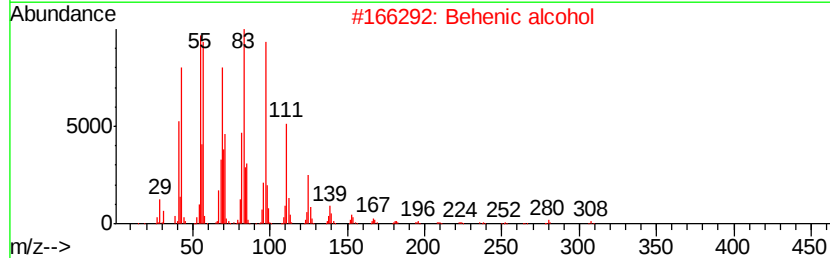
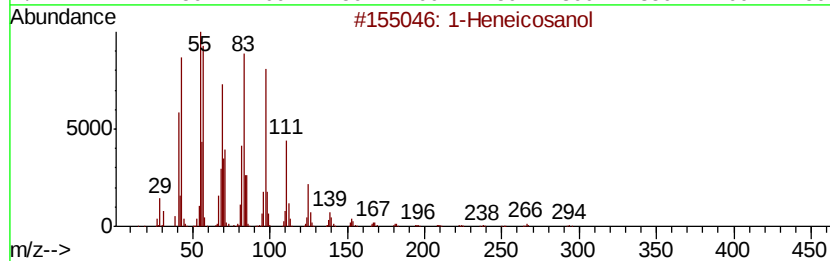
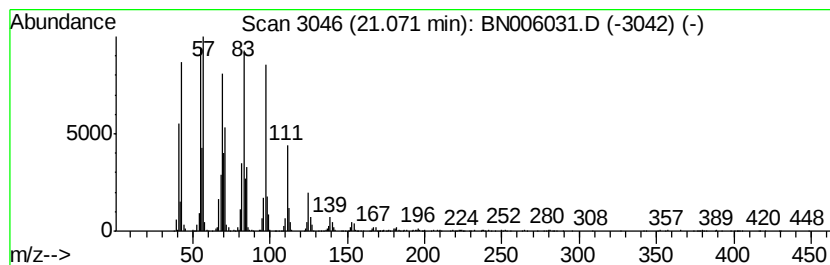
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	8.62 ng/ul	1984930	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93



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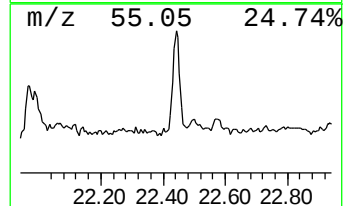
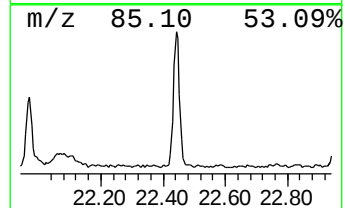
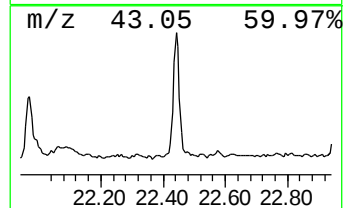
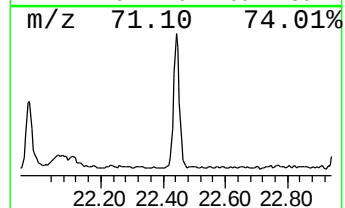
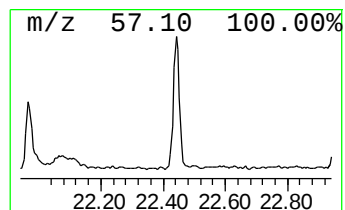
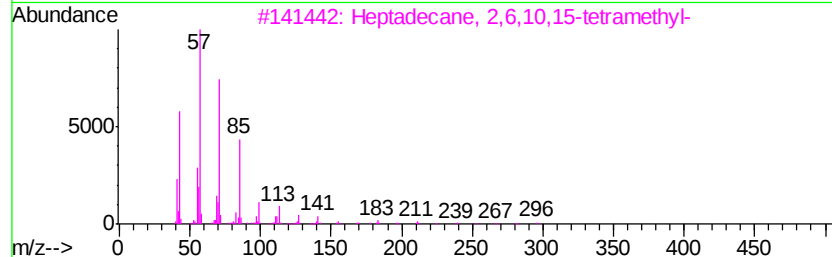
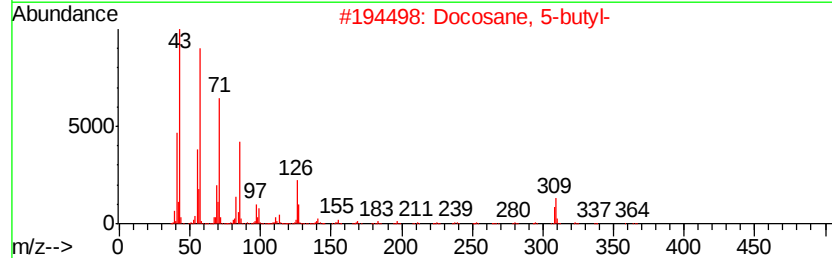
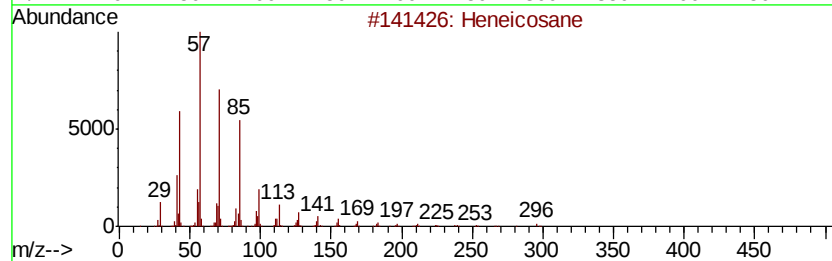
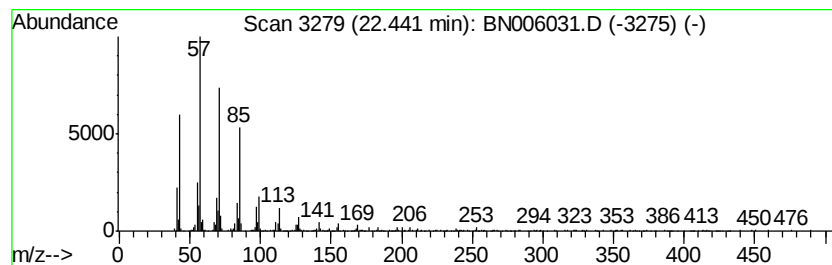
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	2.12 ng/ul	488825	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Docosane, 5-butyl-	366	C26H54	055282-16-1	94
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4		Heptadecane	240	C17H36	000629-78-7	93
5		Dotriacontane	451	C32H66	000544-85-4	93



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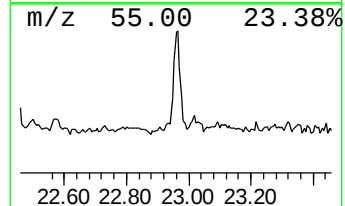
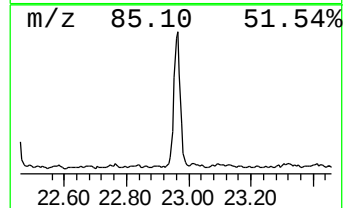
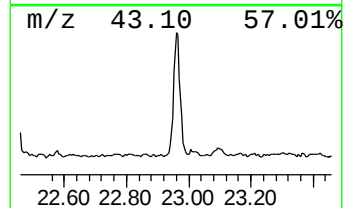
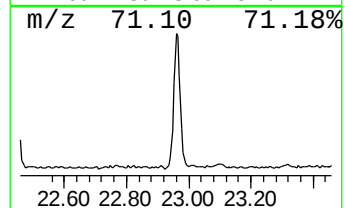
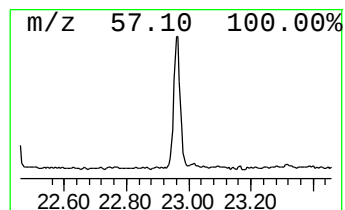
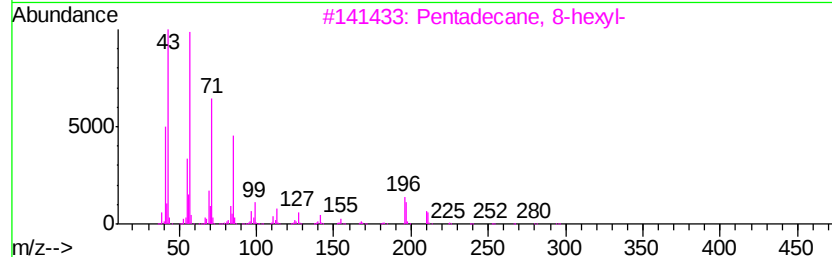
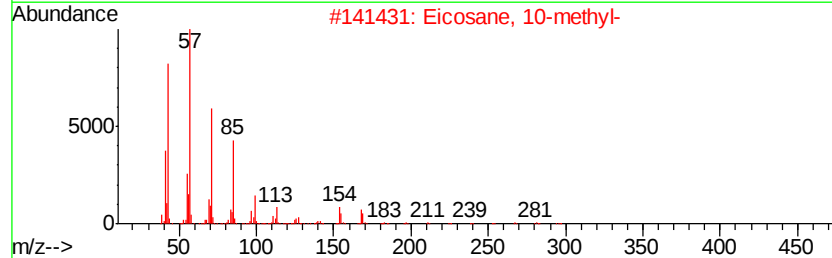
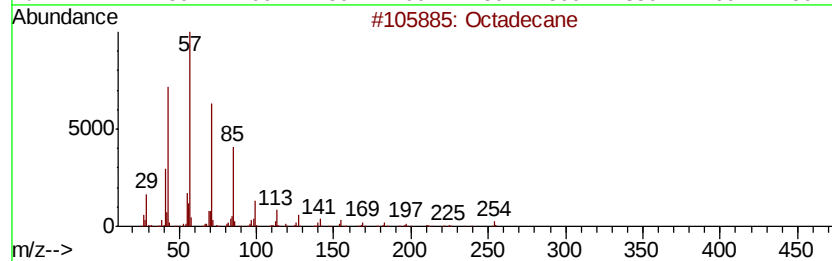
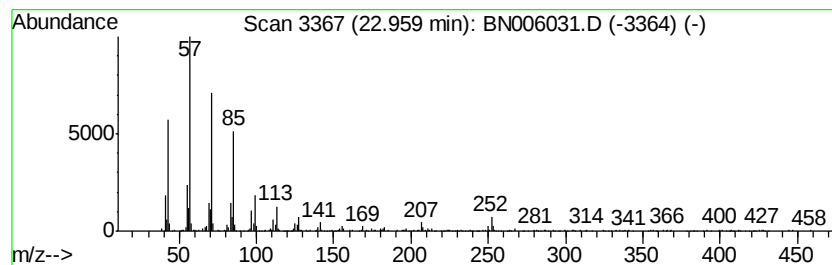
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	2.26 ng/ul	482345	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006031.D
Acq On : 02 Jun 2019 14:08
Operator : JU/SJ
Sample : K2846-23
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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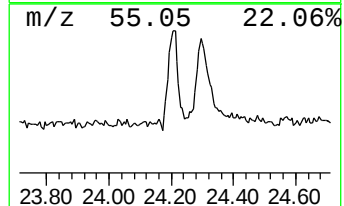
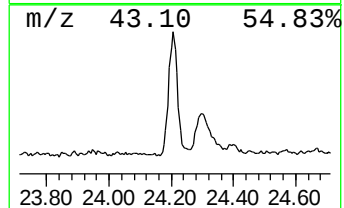
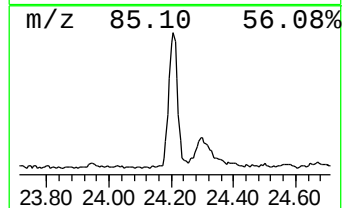
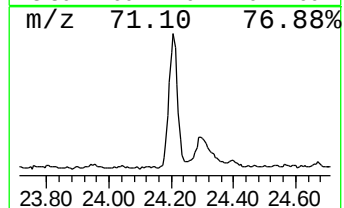
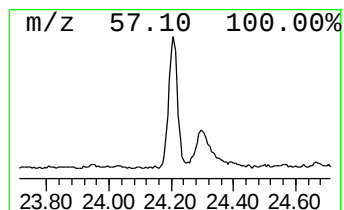
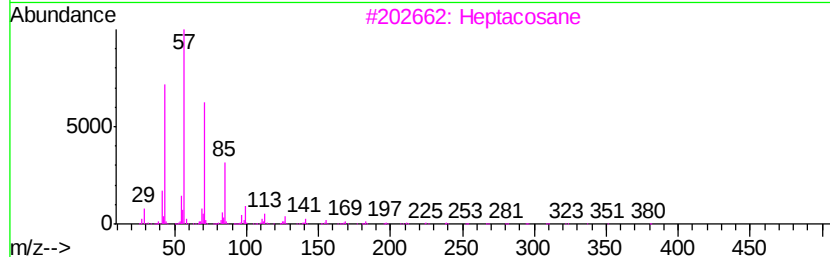
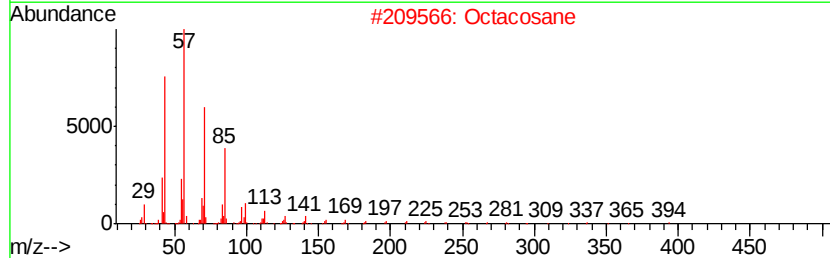
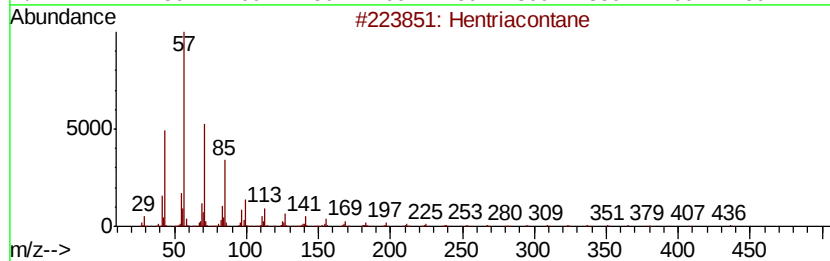
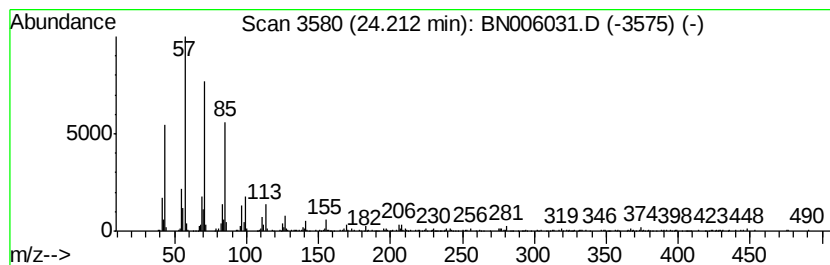
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	2.70 ng/ul	575620	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	94
2		Octacosane	394	C28H58	000630-02-4	94
3		Heptacosane	380	C27H56	000593-49-7	94
4		Heneicosane	296	C21H44	000629-94-7	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006031.D
Acq On : 02 Jun 2019 14:08
Operator : JU/SJ
Sample : K2846-23
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHA5

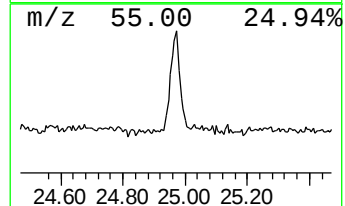
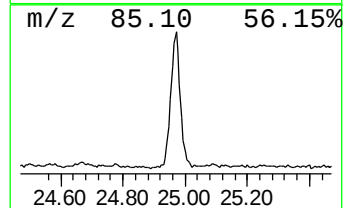
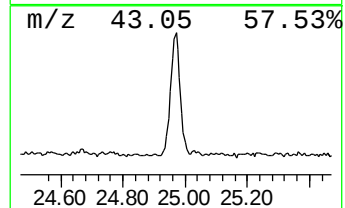
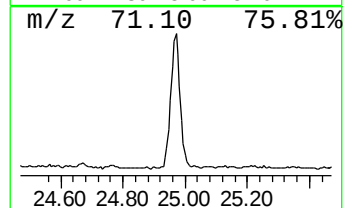
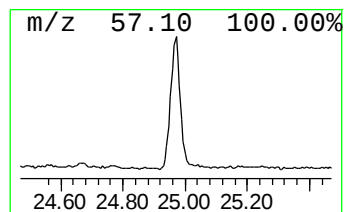
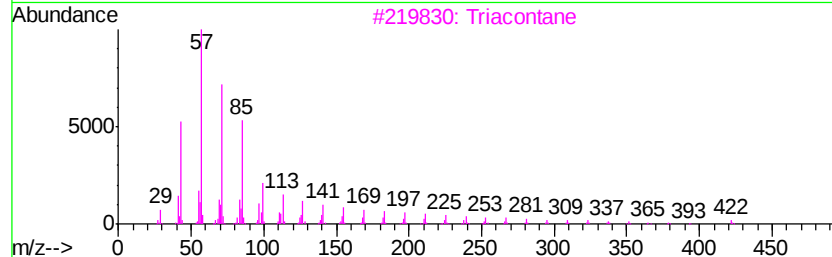
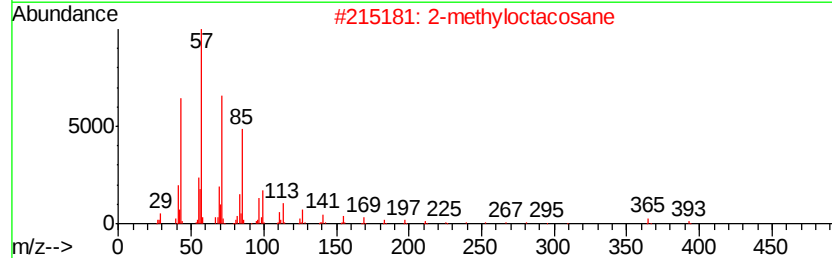
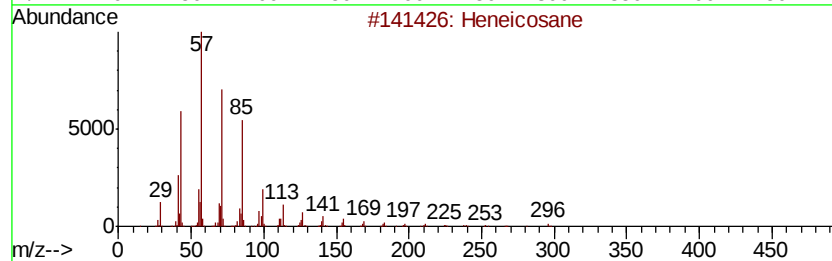
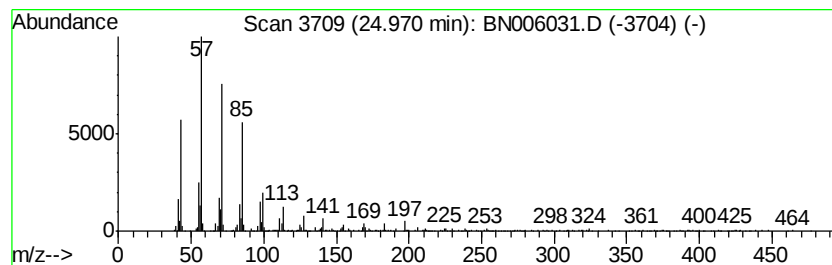
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.97	3.22 ng/ul	686825	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		triacontane	422	C30H62	000638-68-6	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060119\
Data File : BN006031.D
Acq On : 02 Jun 2019 14:08
Operator : JU/SJ
Sample : K2846-23
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.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
1-Heneicosanol	21.07	8.6	ng/ul	1984930	5	21.36	4603440	20.0
(DEL) Alkane: Str...	22.44	2.1	ng/ul	488825	5	21.36	4603440	20.0
(DEL) Alkane: Str...	22.96	2.3	ng/ul	482345	6	23.66	4262040	20.0
(DEL) Alkane: Str...	24.21	2.7	ng/ul	575620	6	23.66	4262040	20.0
(DEL) Alkane: Str...	24.97	3.2	ng/ul	686825	6	23.66	4262040	20.0