

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022250.D
 Acq On : 23 Aug 2019 11:28
 Operator : HP/JU
 Sample : K4183-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG5

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_M\METHODS\SOM-EPA-BM082219MA.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	3.146	24	27	31	rVB4	2800	3579	0.31%	0.033%
2	3.546	93	95	99	rVB5	2219	2285	0.20%	0.021%
3	3.634	106	110	116	rBV2	9602	14361	1.23%	0.131%
4	3.722	120	125	133	rVB3	8080	13591	1.17%	0.124%
5	3.816	139	141	146	rVB2	1604	2091	0.18%	0.019%
6	3.940	159	162	166	rVB2	1624	2130	0.18%	0.019%
7	4.222	206	210	212	rBV2	944	1403	0.12%	0.013%
8	4.716	290	294	300	rBV2	4028	6989	0.60%	0.064%
9	5.992	507	511	514	rBB	1561	1729	0.15%	0.016%
10	6.751	635	640	653	rBB	60643	117964	10.12%	1.075%
11	6.916	663	668	681	rBB	44244	75945	6.51%	0.692%
12	7.098	693	699	708	rBB	71775	115022	9.86%	1.048%
13	7.557	772	777	786	rBB	148408	237295	20.35%	2.162%
14	8.281	895	900	911	rBV	66103	113220	9.71%	1.032%
15	8.733	971	977	987	rBV	65586	112770	9.67%	1.028%
16	9.045	1028	1030	1033	rBB2	1427	1514	0.13%	0.014%
17	9.445	1092	1098	1107	rBB	54896	92861	7.96%	0.846%
18	9.980	1183	1189	1209	rBB	69475	143408	12.30%	1.307%
19	10.333	1242	1249	1256	rBV	222929	352444	30.23%	3.211%
20	10.510	1274	1279	1296	rBV2	37374	89422	7.67%	0.815%
21	13.639	1806	1811	1816	rBV	196663	285045	24.45%	2.597%
22	13.686	1816	1819	1827	rVB	48007	71308	6.12%	0.650%
23	13.910	1851	1857	1870	rBB	212157	314345	26.96%	2.864%
24	14.215	1903	1909	1916	rBV	347011	511242	43.85%	4.658%
25	14.280	1916	1920	1924	rVB	10658	13313	1.14%	0.121%
26	14.492	1951	1956	1974	rBV3	22141	64938	5.57%	0.592%
27	14.627	1974	1979	1984	rVB	6267	9756	0.84%	0.089%
28	14.680	1984	1988	1994	rBB	6170	7614	0.65%	0.069%
29	15.221	2074	2080	2086	rBV	281581	413237	35.44%	3.765%
30	15.274	2086	2089	2095	rVB	15131	20686	1.77%	0.188%
31	15.386	2103	2108	2115	rBV	56450	86395	7.41%	0.787%
32	15.433	2115	2116	2119	rVV	1787	1851	0.16%	0.017%
33	15.462	2119	2121	2123	rVB	1663	1320	0.11%	0.012%
34	15.574	2138	2140	2145	rBB	1184	1601	0.14%	0.015%

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35	15.721	2162	2165	2171	rBB	2167	3685	0.32%	0.034%
36	15.974	2204	2208	2214	rBB	1302	2374	0.20%	0.022%
37	16.286	2257	2261	2264	rBB2	1388	2138	0.18%	0.019%
38	16.798	2344	2348	2351	rVV	5878	6233	0.53%	0.057%
39	16.880	2357	2362	2366	rVB3	2317	3444	0.30%	0.031%
40	16.974	2373	2378	2382	rBV	481288	659573	56.57%	6.010%
41	17.021	2382	2386	2390	rVV	183656	254743	21.85%	2.321%
42	17.074	2390	2395	2400	rVV	320358	481112	41.26%	4.384%
43	17.109	2400	2401	2407	rVB	49080	51089	4.38%	0.466%
44	17.156	2407	2409	2412	rVB2	1189	1396	0.12%	0.013%
45	17.192	2412	2415	2416	rBV	1801	1691	0.15%	0.015%
46	17.403	2444	2451	2458	rBV	18347	23671	2.03%	0.216%
47	17.451	2458	2459	2465	rVB2	1808	1991	0.17%	0.018%
48	17.498	2465	2467	2471	rBV	1836	1767	0.15%	0.016%
49	17.750	2506	2510	2517	rBV4	2847	4325	0.37%	0.039%
50	17.809	2517	2520	2522	rBV2	1797	1654	0.14%	0.015%
51	17.874	2522	2531	2535	rBV2	92187	141100	12.10%	1.286%
52	17.939	2541	2542	2547	rVB2	2122	2569	0.22%	0.023%
53	17.992	2547	2551	2556	rVV	5888	8241	0.71%	0.075%
54	18.050	2556	2561	2565	rVV3	27142	42146	3.61%	0.384%
55	18.086	2565	2567	2571	rVB	7137	9114	0.78%	0.083%
56	18.150	2576	2578	2580	rBV2	1825	1990	0.17%	0.018%
57	18.221	2585	2590	2595	rBV2	1708	2788	0.24%	0.025%
58	18.262	2595	2597	2600	rBB2	1898	1614	0.14%	0.015%
59	18.362	2610	2614	2619	rVB	8781	11824	1.01%	0.108%
60	18.433	2619	2626	2629	rBV6	3957	6442	0.55%	0.059%
61	18.486	2631	2635	2637	rBV3	2928	4167	0.36%	0.038%
62	18.556	2644	2647	2652	rVB4	2757	4416	0.38%	0.040%
63	18.609	2652	2656	2657	rBV2	3384	3726	0.32%	0.034%
64	18.703	2669	2672	2676	rVB4	2000	2065	0.18%	0.019%
65	18.792	2681	2687	2689	rBV3	5149	7566	0.65%	0.069%
66	18.850	2694	2697	2698	rVV2	2034	1741	0.15%	0.016%
67	18.862	2698	2699	2703	rVB4	2074	2207	0.19%	0.020%
68	18.968	2715	2717	2719	rBV2	2807	1645	0.14%	0.015%
69	19.050	2719	2731	2738	rBV	302295	421774	36.17%	3.843%
70	19.162	2746	2750	2756	rBV2	46744	61260	5.25%	0.558%
71	19.209	2756	2758	2760	rVV3	2957	3159	0.27%	0.029%

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72	19.292	2764	2772	2777	rBV3	7283	18099	1.55%	0.165%
73	19.386	2782	2788	2791	rBV	568499	803665	68.93%	7.323%
74	19.415	2791	2793	2801	rVV	245822	263641	22.61%	2.402%
75	19.486	2803	2805	2814	rVB3	10041	15620	1.34%	0.142%
76	19.597	2820	2824	2830	rBV	13308	21309	1.83%	0.194%
77	19.674	2835	2837	2841	rBV3	4347	5880	0.50%	0.054%
78	19.750	2844	2850	2857	rVB7	12333	29679	2.55%	0.270%
79	19.815	2858	2861	2866	rBV2	6906	8624	0.74%	0.079%
80	19.915	2869	2878	2884	rVB	55099	87643	7.52%	0.799%
81	19.962	2884	2886	2887	rBV2	3795	1974	0.17%	0.018%
82	20.015	2891	2895	2899	rVB	52172	59820	5.13%	0.545%
83	20.074	2899	2905	2908	rBV2	19599	36293	3.11%	0.331%
84	20.262	2934	2937	2941	rBV2	9425	10350	0.89%	0.094%
85	20.421	2960	2964	2968	rBV4	13201	18741	1.61%	0.171%
86	20.744	3016	3019	3027	rVB	37336	44917	3.85%	0.409%
87	20.833	3031	3034	3037	rBV	19586	25943	2.22%	0.236%
88	20.897	3038	3045	3054	rVV5	134693	261856	22.46%	2.386%
89	21.186	3087	3094	3098	rBV2	744660	1165985	100.00%	10.624%
90	21.221	3098	3100	3106	rVB	134211	158937	13.63%	1.448%
91	21.338	3115	3120	3126	rVB2	39760	70703	6.06%	0.644%
92	21.780	3192	3195	3202	rVB3	80623	112524	9.65%	1.025%
93	22.191	3262	3265	3272	rBV	46012	69905	6.00%	0.637%
94	22.680	3345	3348	3352	rBV	91599	122141	10.48%	1.113%
95	22.733	3352	3357	3371	rVB	104807	324027	27.79%	2.953%
96	23.238	3437	3443	3448	rBV	316295	555449	47.64%	5.061%
97	23.285	3448	3451	3458	rVB	88716	141778	12.16%	1.292%
98	23.380	3461	3467	3473	rBV	394444	712044	61.07%	6.488%
99	23.844	3541	3546	3552	rVB	98866	183319	15.72%	1.670%
100	24.544	3663	3665	3673	rVB2	51179	98597	8.46%	0.898%

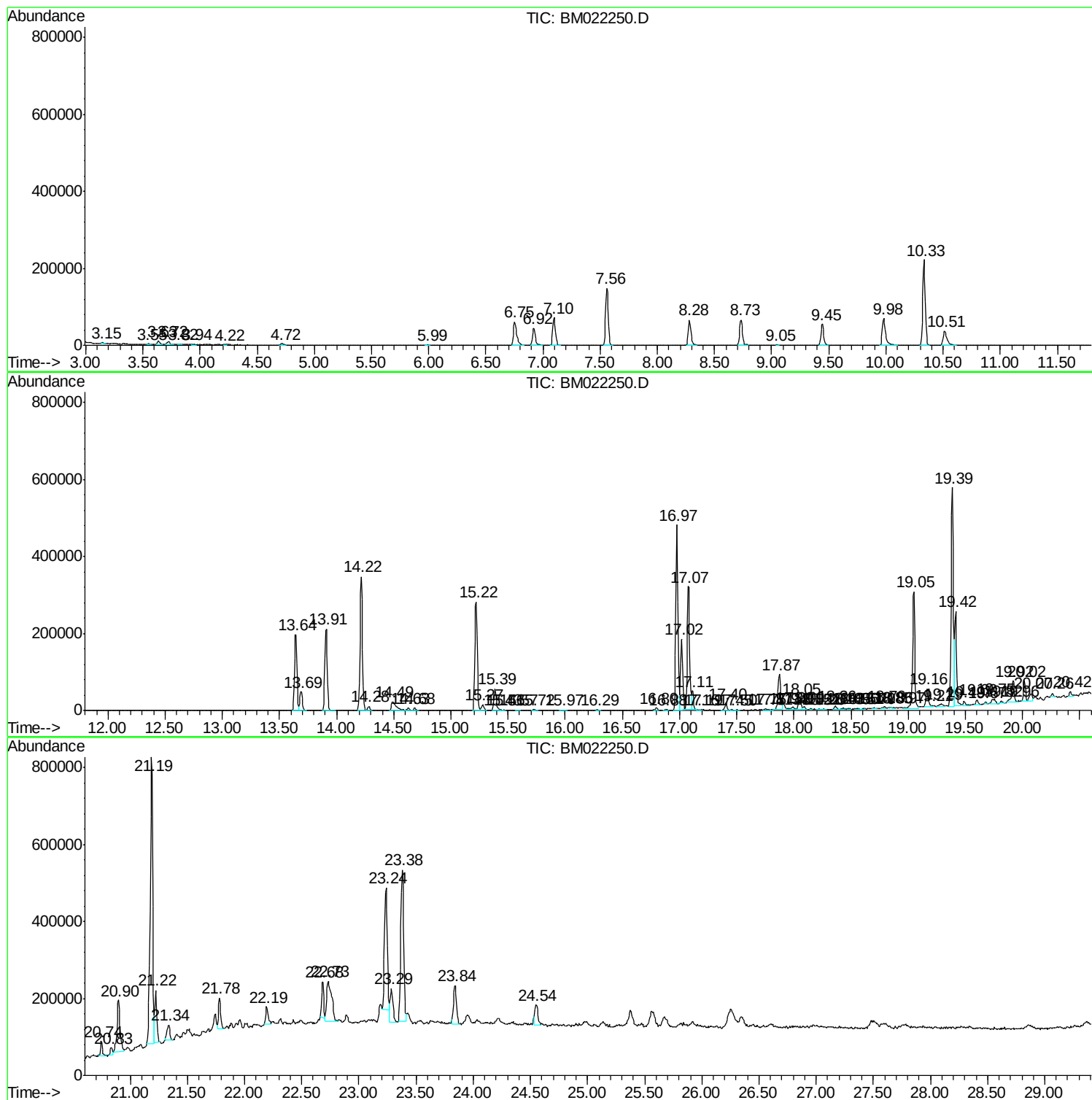
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



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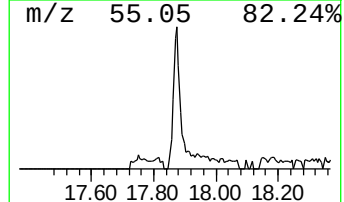
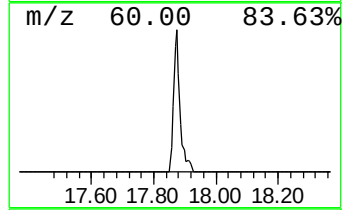
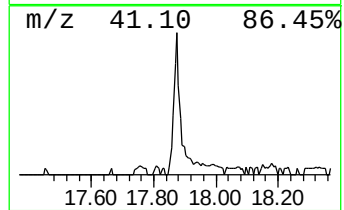
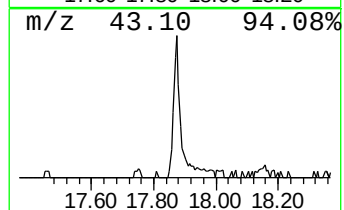
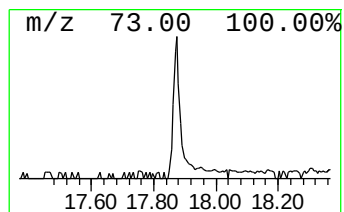
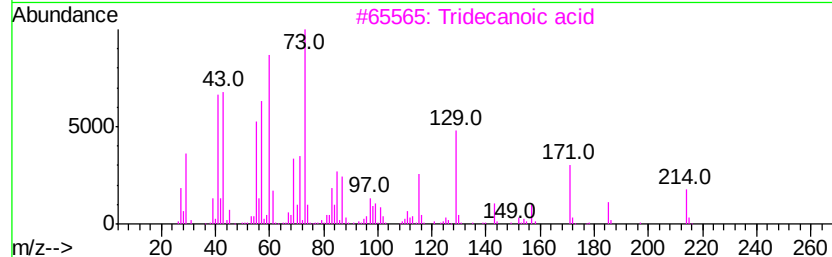
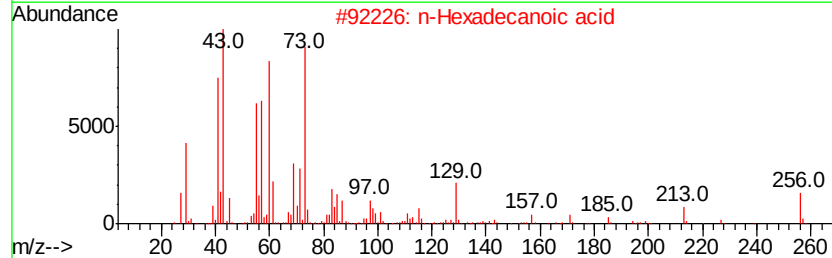
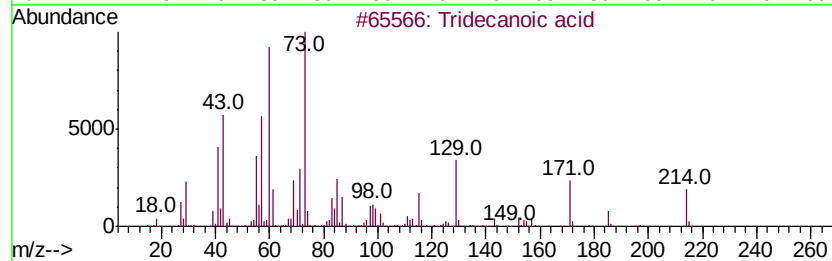
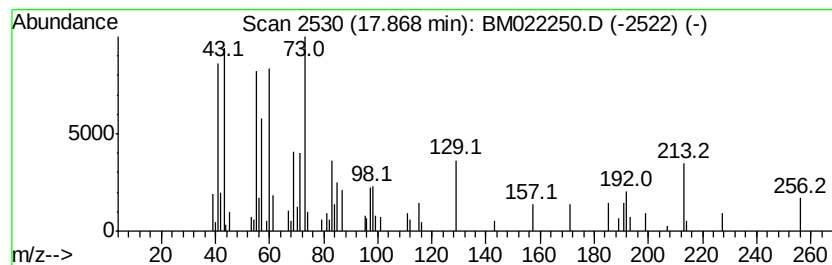
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.28 ng/ul	141100	Phenanthrene-d10	16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	76
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3			Tridecanoic acid	214	C13H26O2	000638-53-9	64
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58



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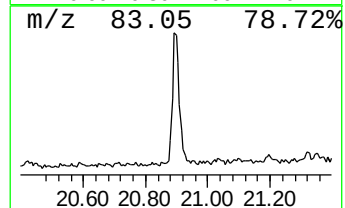
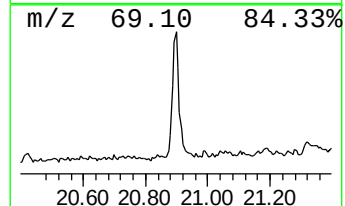
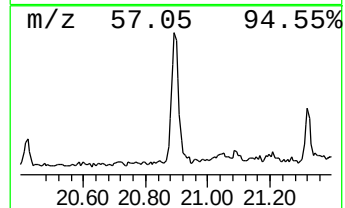
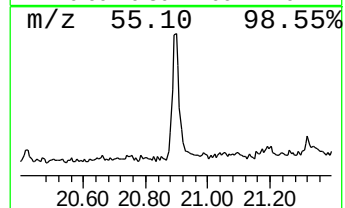
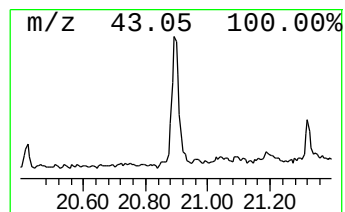
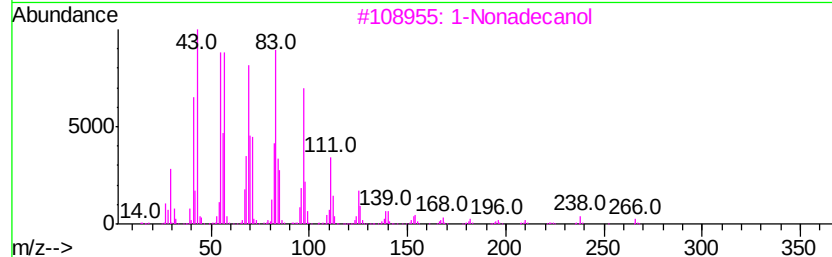
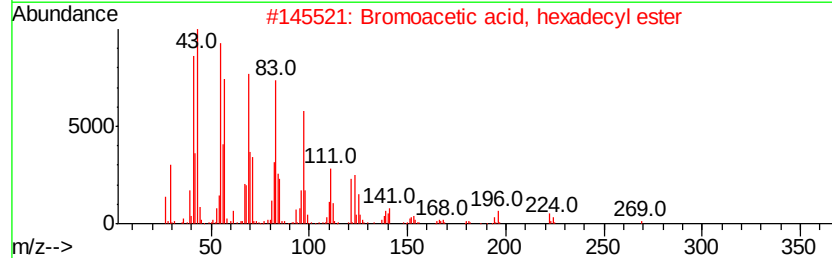
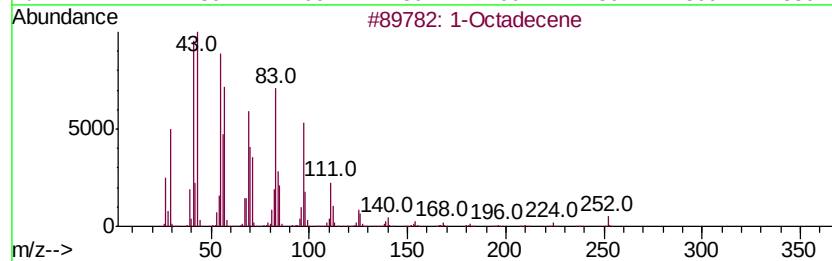
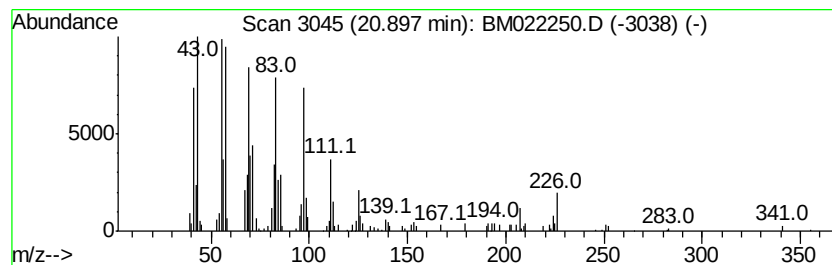
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.90 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.49 ng/ul	261856	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	96
2		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
3		1-Nonadecanol	284	C19H40O	001454-84-8	93
4		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
5		4-Trifluoroacetoxylhexadecane	338	C18H33F3O2	1000215-97-5	91



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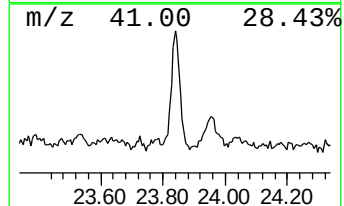
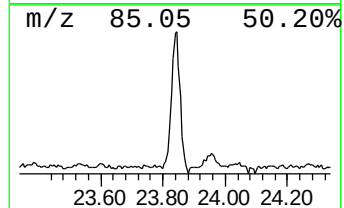
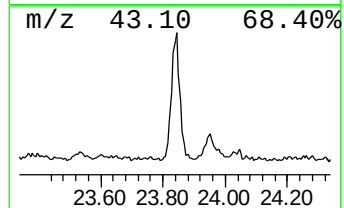
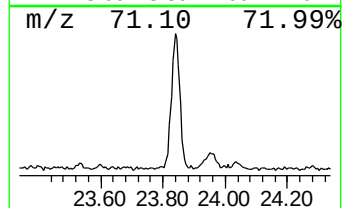
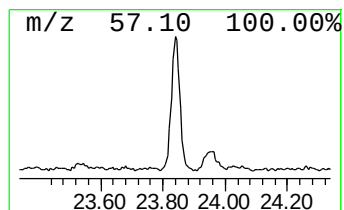
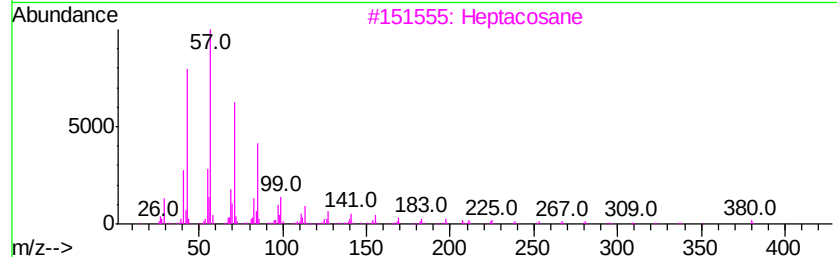
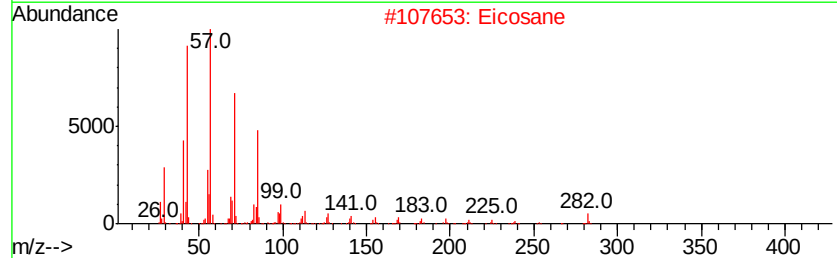
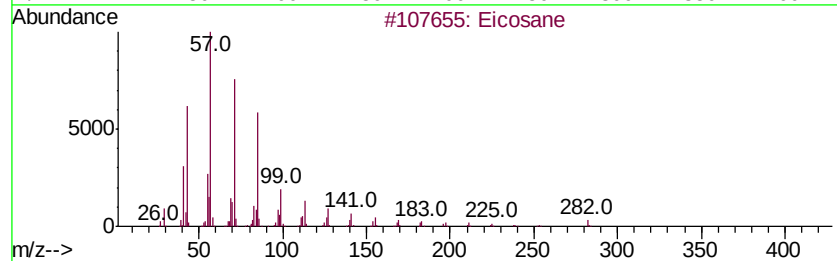
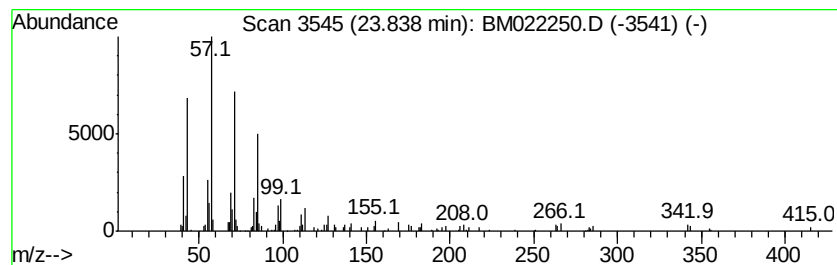
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Quant Title : SVOA CALIBRATION

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	5.15 ng/ul	183319	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane	282	C20H42	000112-95-8	94
3		Heptacosane	380	C27H56	000593-49-7	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Octadecane	254	C18H38	000593-45-3	90



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Operator : HP/JU
Sample : K4183-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG5

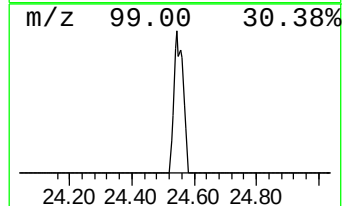
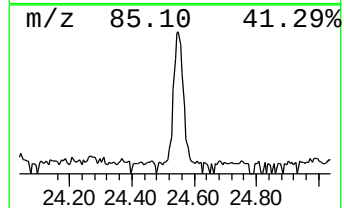
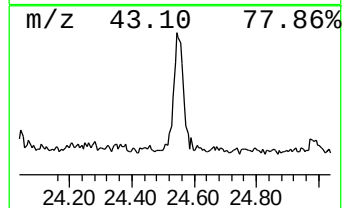
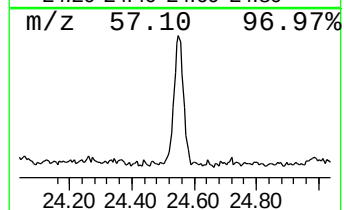
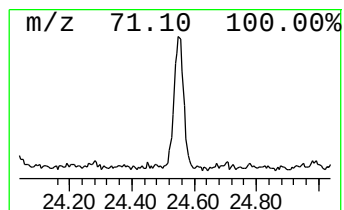
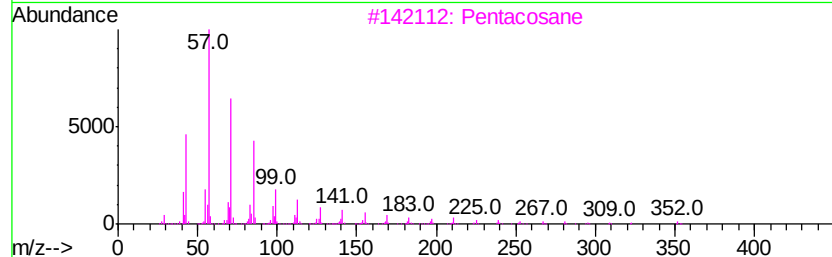
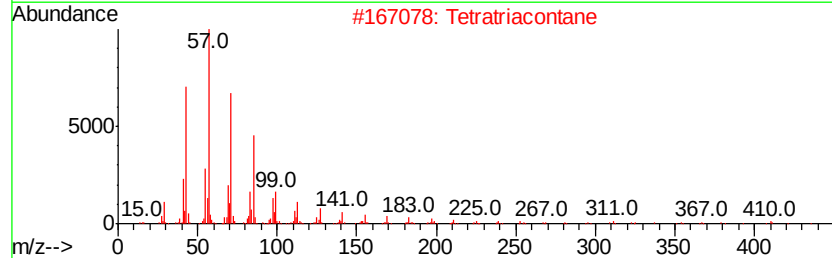
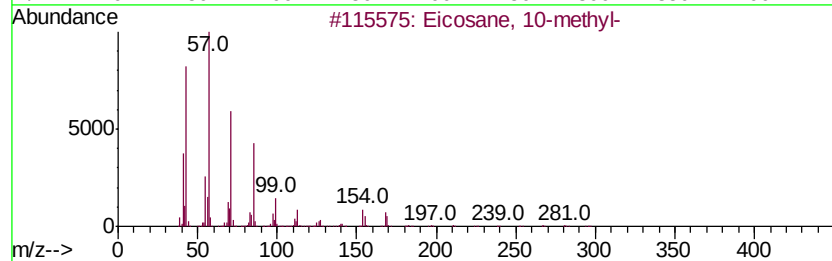
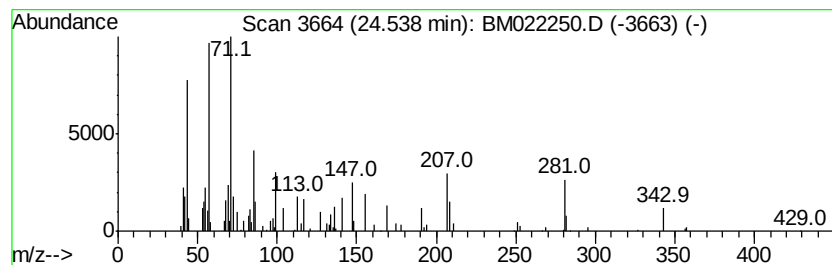
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.54	2.77 ng/ul	98597	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2		Tetratriacontane	479	C34H70	014167-59-0	49
3		Pentacosane	352	C25H52	000629-99-2	49
4		Heneicosane	296	C21H44	000629-94-7	46
5		Tetracosane	338	C24H50	000646-31-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022250.D
Acq On : 23 Aug 2019 11:28
Operator : HP/JU
Sample : K4183-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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
Tridecanoic acid	17.87	4.3	ng/ul	141100	4	16.97	659573	20.0
(DEL) Alkane: Cyc...	20.90	4.5	ng/ul	261856	5	21.19	1165990	20.0
(DEL) Alkane: Str...	23.84	5.2	ng/ul	183319	6	23.38	712044	20.0
(DEL) Alkane: Str...	24.54	2.8	ng/ul	98597	6	23.38	712044	20.0