

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005875.D
 Acq On : 23 May 2019 05:51
 Operator : JU/SJ
 Sample : K2927-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42A5

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-BN051819MA.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	6.758	636	641	655	rVB	210876	466127	17.24%	1.580%
2	6.911	661	667	680	rVB	182490	340712	12.60%	1.155%
3	7.105	694	700	713	rVB	263236	496500	18.37%	1.683%
4	7.558	772	777	787	rVB	260797	469131	17.35%	1.591%
5	8.275	893	899	916	rBV	271307	553150	20.46%	1.875%
6	8.710	966	973	983	rBV	281918	516870	19.12%	1.752%
7	9.428	1088	1095	1105	rBV	226320	421315	15.58%	1.428%
8	9.975	1181	1188	1206	rBV	255431	642934	23.78%	2.180%
9	10.322	1240	1247	1255	rBV	425419	717030	26.52%	2.431%
10	10.481	1268	1274	1297	rBV	150207	402271	14.88%	1.364%
11	11.881	1508	1512	1519	rBV5	6247	14214	0.53%	0.048%
12	13.616	1801	1807	1812	rBV	739942	1070982	39.62%	3.631%
13	13.663	1812	1815	1825	rVV	212486	323661	11.97%	1.097%
14	13.887	1847	1853	1863	rBV	815914	1257313	46.51%	4.263%
15	14.198	1899	1906	1914	rBV2	687634	1062464	39.30%	3.602%
16	14.263	1914	1917	1921	rVB2	5503	7405	0.27%	0.025%
17	14.481	1947	1954	1975	rBV3	96673	336893	12.46%	1.142%
18	15.069	2052	2054	2060	rVB2	3770	4523	0.17%	0.015%
19	15.204	2070	2077	2085	rBV	1048355	1625836	60.14%	5.512%
20	15.381	2102	2107	2115	rBV	82798	153029	5.66%	0.519%
21	15.445	2115	2118	2121	rVV3	12663	16988	0.63%	0.058%
22	15.475	2121	2123	2126	rVB4	3298	3768	0.14%	0.013%
23	15.575	2135	2140	2144	rVB3	2954	4916	0.18%	0.017%
24	15.940	2198	2202	2206	rBV3	4840	7364	0.27%	0.025%
25	15.992	2206	2211	2214	rVB4	4493	5114	0.19%	0.017%
26	16.510	2294	2299	2302	rBV4	2273	3647	0.13%	0.012%
27	16.534	2302	2303	2306	rVB3	3616	3281	0.12%	0.011%
28	16.622	2316	2318	2319	rBV	5962	5090	0.19%	0.017%
29	16.692	2327	2330	2334	rBV5	4576	7992	0.30%	0.027%
30	16.734	2334	2337	2338	rVV3	3942	5093	0.19%	0.017%
31	16.781	2341	2345	2352	rVB4	6296	10918	0.40%	0.037%
32	16.957	2369	2375	2380	rBV2	1024741	1451722	53.70%	4.922%
33	16.998	2380	2382	2387	rVV	144803	174932	6.47%	0.593%
34	17.057	2387	2392	2405	rVB2	1223042	1842988	68.17%	6.249%

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35	17.298	2430	2433	2438	rVB3	3202	4363	0.16%	0.015%
36	17.392	2442	2449	2456	rVV4	7434	21324	0.79%	0.072%
37	17.481	2456	2464	2468	rVV6	6027	15236	0.56%	0.052%
38	17.545	2471	2475	2480	rVV4	8678	15360	0.57%	0.052%
39	17.675	2493	2497	2499	rBV3	4692	5355	0.20%	0.018%
40	17.839	2518	2525	2528	rVV	47973	66045	2.44%	0.224%
41	17.875	2528	2531	2545	rVV2	117399	289438	10.71%	0.981%
42	17.975	2545	2548	2553	rVV2	17031	31019	1.15%	0.105%
43	18.034	2553	2558	2562	rVV3	71525	126657	4.69%	0.429%
44	18.075	2562	2565	2571	rVB	41090	61683	2.28%	0.209%
45	18.169	2577	2581	2584	rBV6	4322	7137	0.26%	0.024%
46	18.216	2584	2589	2591	rVV5	8375	13527	0.50%	0.046%
47	18.245	2591	2594	2599	rVB4	11462	16159	0.60%	0.055%
48	18.292	2600	2602	2604	rBV2	3733	3542	0.13%	0.012%
49	18.351	2607	2612	2618	rBV3	25834	44726	1.65%	0.152%
50	18.410	2618	2622	2629	rVB2	40054	58736	2.17%	0.199%
51	18.475	2629	2633	2637	rVB3	9838	16228	0.60%	0.055%
52	18.528	2637	2642	2644	rBV4	5487	9122	0.34%	0.031%
53	18.569	2646	2649	2650	rBV2	7768	8298	0.31%	0.028%
54	18.592	2650	2653	2658	rVB2	18550	25523	0.94%	0.087%
55	18.651	2660	2663	2667	rVB2	20379	25920	0.96%	0.088%
56	18.692	2667	2670	2673	rVB3	16564	20269	0.75%	0.069%
57	18.775	2679	2684	2688	rBV	69365	105132	3.89%	0.356%
58	18.833	2688	2694	2697	rVV4	31194	64029	2.37%	0.217%
59	18.869	2697	2700	2703	rVB	21235	24296	0.90%	0.082%
60	18.928	2703	2710	2715	rBV4	40281	79851	2.95%	0.271%
61	18.969	2715	2717	2721	rVB5	6872	5692	0.21%	0.019%
62	19.004	2721	2723	2724	rBV	15792	12956	0.48%	0.044%
63	19.039	2724	2729	2737	rVB	424635	589069	21.79%	1.997%
64	19.110	2737	2741	2742	rBV2	11132	11849	0.44%	0.040%
65	19.145	2744	2747	2749	rVV4	14559	15966	0.59%	0.054%
66	19.175	2749	2752	2758	rVB6	20674	38318	1.42%	0.130%
67	19.269	2763	2768	2774	rBV5	35020	72666	2.69%	0.246%
68	19.322	2775	2777	2780	rBV4	9864	10875	0.40%	0.037%
69	19.375	2780	2786	2790	rBV	1762339	2595986	96.03%	8.802%
70	19.486	2801	2805	2810	rVB3	43399	74103	2.74%	0.251%
71	19.533	2810	2813	2816	rBV5	10990	14722	0.54%	0.050%

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72	19.575	2818	2820	2821	rBV2	7328	5787	0.21%	0.020%
73	19.651	2830	2833	2839	rVB7	16096	29601	1.09%	0.100%
74	19.745	2843	2849	2859	rBV5	48958	150870	5.58%	0.512%
75	19.886	2868	2873	2875	rBV5	40466	77532	2.87%	0.263%
76	19.910	2875	2877	2885	rVB2	57137	89459	3.31%	0.303%
77	20.016	2891	2895	2898	rBV	24734	34251	1.27%	0.116%
78	20.075	2900	2905	2909	rVV2	56952	88942	3.29%	0.302%
79	20.216	2924	2929	2932	rBV	51664	78637	2.91%	0.267%
80	20.263	2933	2937	2941	rVB	43071	67496	2.50%	0.229%
81	20.363	2952	2954	2955	rBV2	15653	11658	0.43%	0.040%
82	20.439	2965	2967	2970	rVB3	16694	14555	0.54%	0.049%
83	20.586	2989	2992	2996	rVB5	19187	27996	1.04%	0.095%
84	20.680	3004	3008	3012	rBV	61505	82284	3.04%	0.279%
85	20.839	3031	3035	3038	rBV	68675	95673	3.54%	0.324%
86	20.875	3038	3041	3044	rVV	40844	44817	1.66%	0.152%
87	20.916	3044	3048	3057	rVV3	185027	372969	13.80%	1.265%
88	20.986	3057	3060	3064	rVB2	56993	85774	3.17%	0.291%
89	21.110	3078	3081	3086	rVB	96292	111515	4.12%	0.378%
90	21.192	3089	3095	3100	rVV2	1512716	2390657	88.43%	8.106%
91	21.233	3100	3102	3107	rVB	283916	307760	11.38%	1.043%
92	21.357	3119	3123	3126	rBV3	68560	95458	3.53%	0.324%
93	21.786	3193	3196	3202	rBV2	88959	178341	6.60%	0.605%
94	22.239	3270	3273	3277	rVB	137123	171555	6.35%	0.582%
95	22.733	3353	3357	3364	rBV2	275148	665013	24.60%	2.255%
96	23.210	3434	3438	3441	rBV	98492	162549	6.01%	0.551%
97	23.263	3441	3447	3461	rVB	1251272	2703445	100.00%	9.166%
98	23.398	3464	3470	3477	rBV	949740	1691973	62.59%	5.737%
99	23.898	3551	3555	3564	rVB	201911	371855	13.75%	1.261%
100	24.616	3672	3677	3683	rVB	134181	258220	9.55%	0.876%

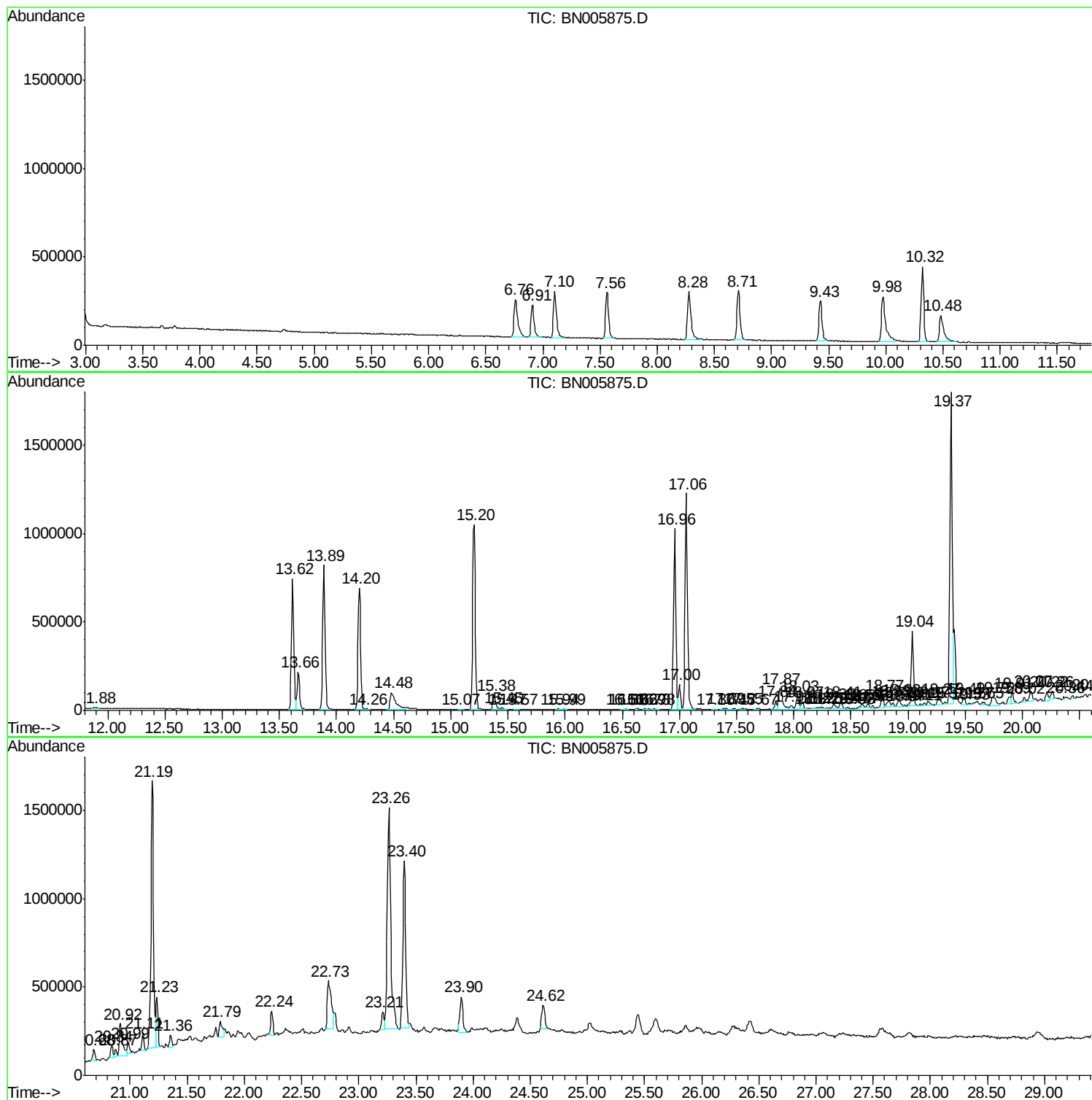
Sum of corrected areas: 29493992

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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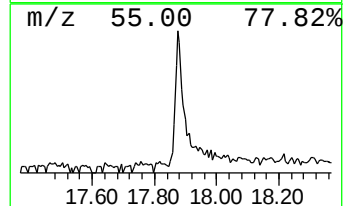
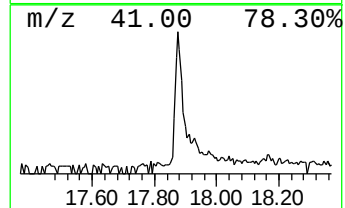
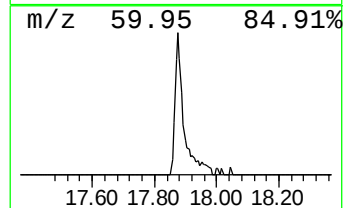
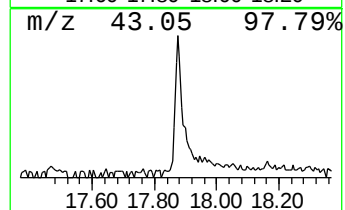
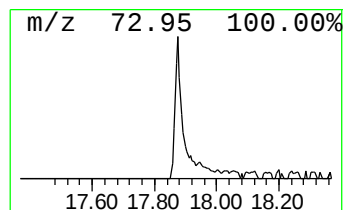
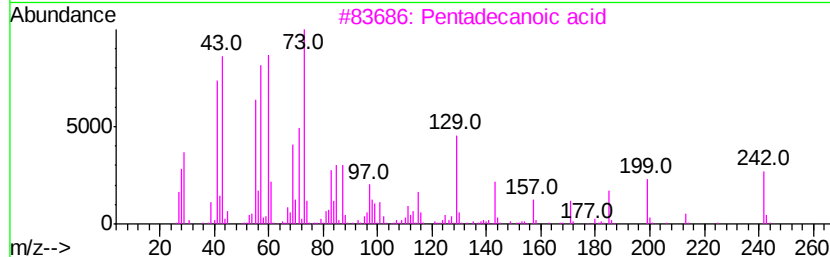
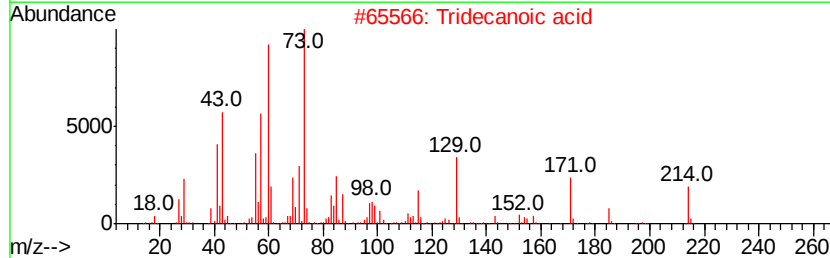
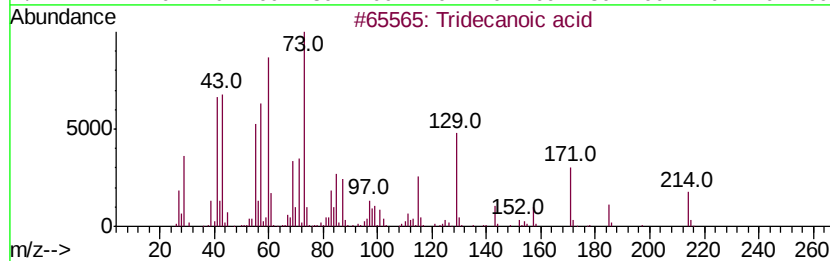
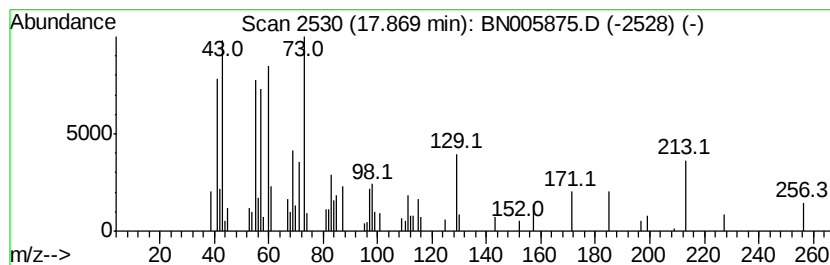
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.87	3.99 ng/ul	289438	Phenanthrene-d10	16.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	58
2	Tridecanoic acid	214	C13H26O2	000638-53-9	53
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	49



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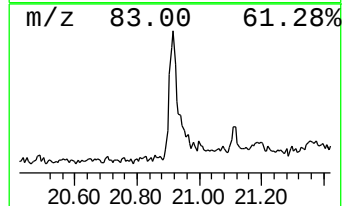
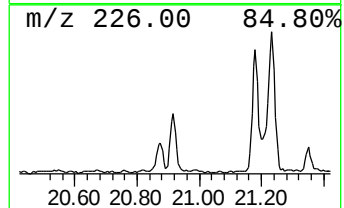
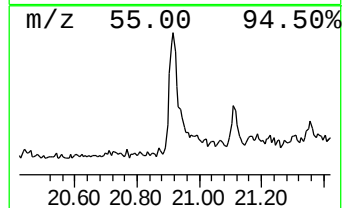
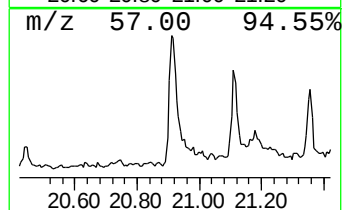
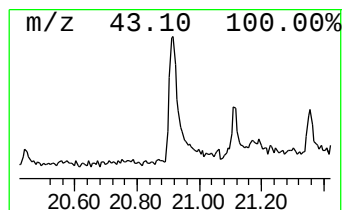
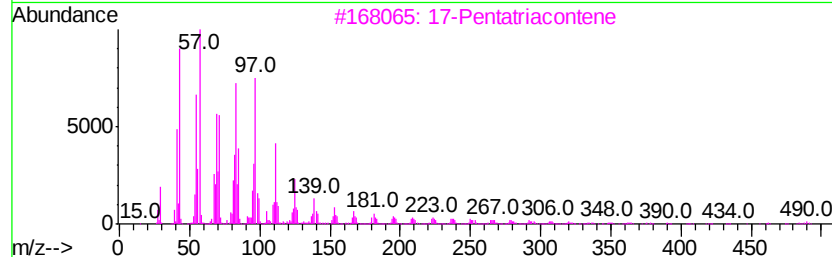
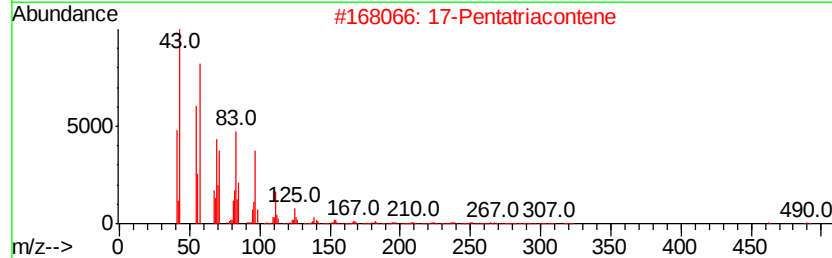
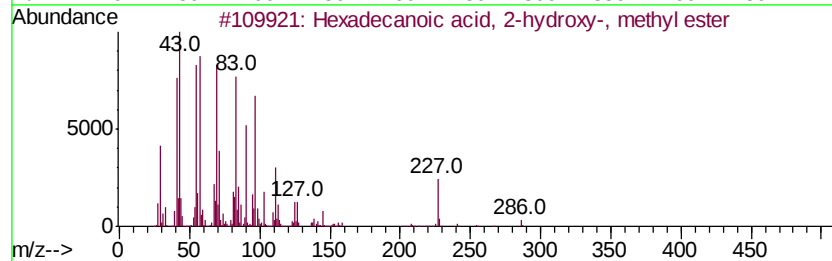
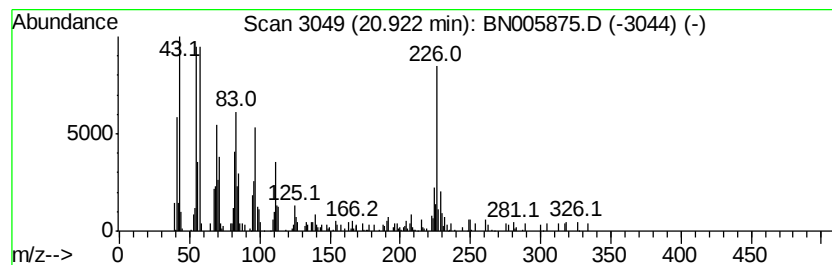
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TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 2 Hexadecanoic acid, 2-hydrox... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	3.12 ng/ul	372969	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecanoic acid, 2-hydroxy-, m...	286 C17H34O3	016742-51-1	62
2	17-Pentatriacontene	491 C35H70	006971-40-0	60
3	17-Pentatriacontene	491 C35H70	006971-40-0	60
4	1-Hentetracontanol	593 C41H84O	040710-42-7	53
5	1-Octadecanol	270 C18H38O	000112-92-5	50



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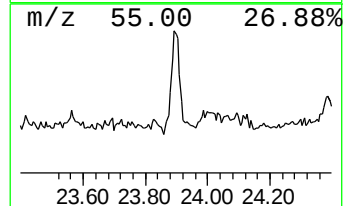
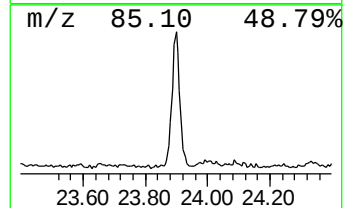
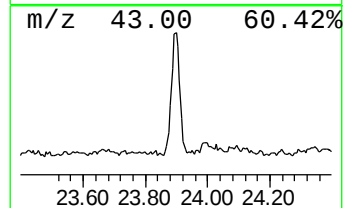
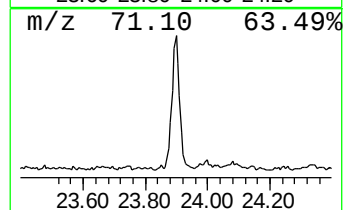
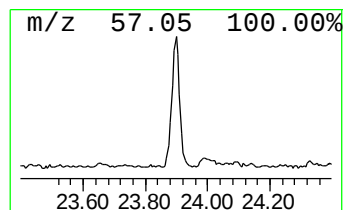
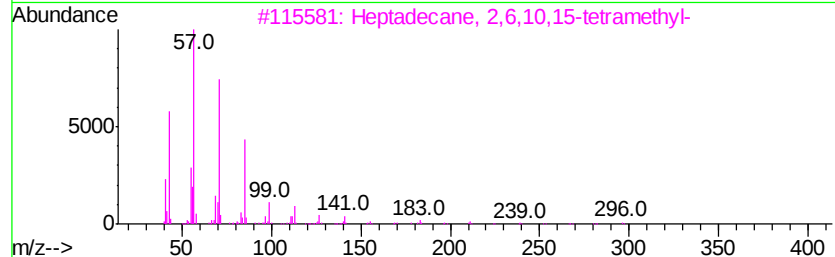
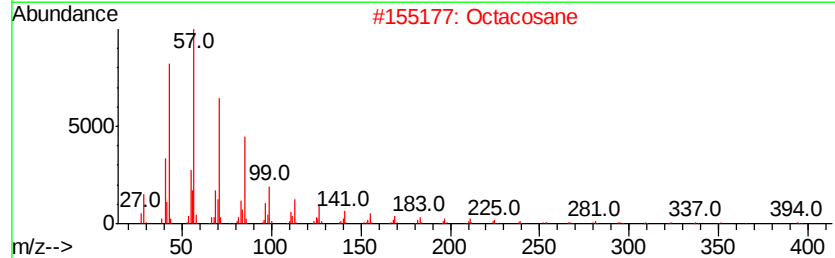
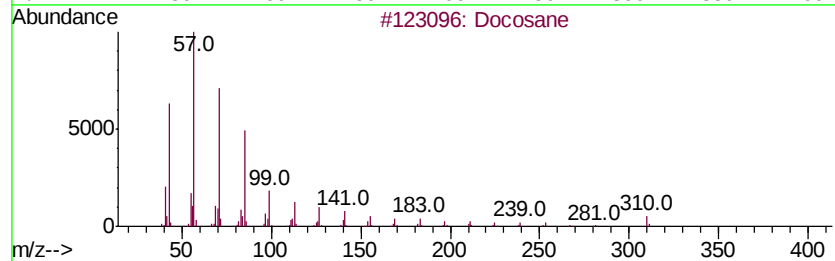
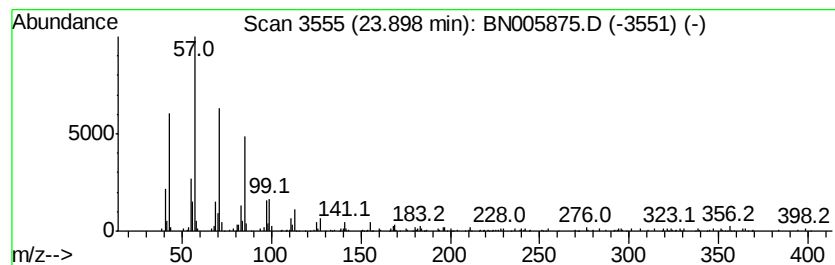
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	4.40 ng/ul	371855	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	97
2			Octacosane	394	C28H58	000630-02-4	97
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	97
4			Hexacosane	366	C26H54	000630-01-3	97
5			Hexacosane	366	C26H54	000630-01-3	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005875.D
Acq On : 23 May 2019 05:51
Operator : JU/SJ
Sample : K2927-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42A5

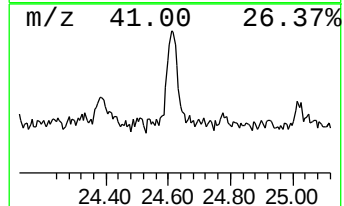
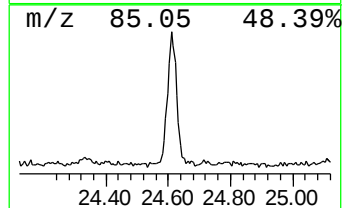
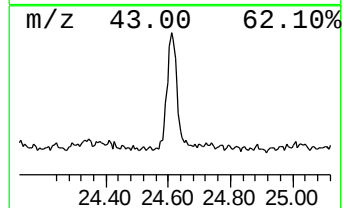
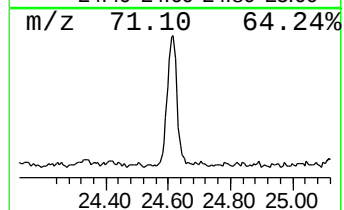
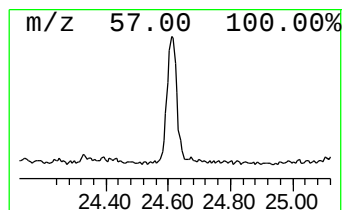
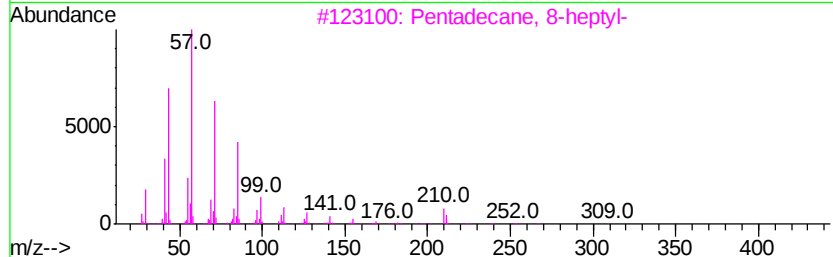
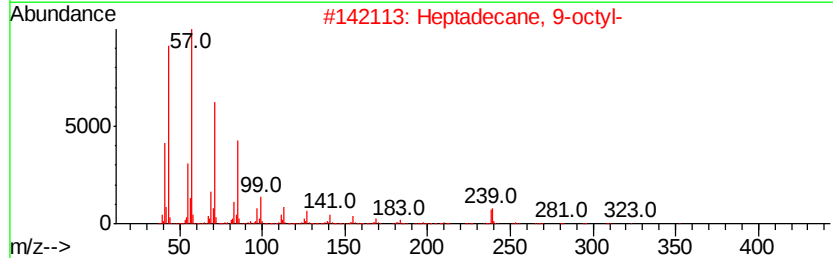
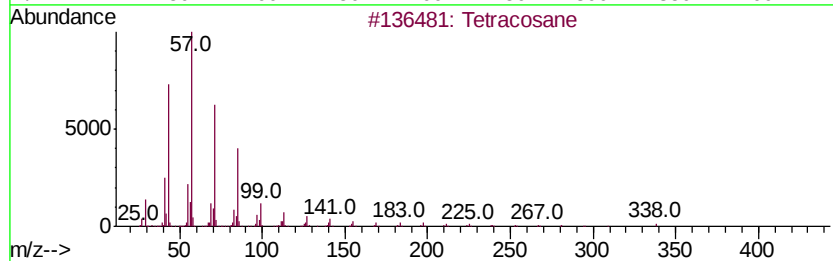
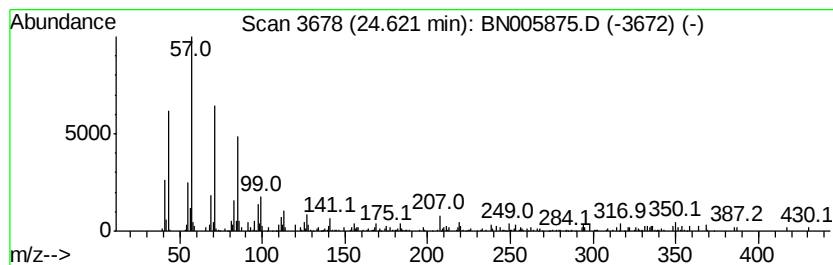
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Quant Title : SVOA CALIBRATION

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.
24.62	3.05 ng/ul	258220	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	90
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
5			Hentriacontane	437	C31H64	000630-04-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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	4.0	ng/ul	289438	4	16.96	1451720	20.0
Hexadecanoic acid...	20.92	3.1	ng/ul	372969	5	21.19	2390660	20.0
(DEL) Alkane: Str...	23.90	4.4	ng/ul	371855	6	23.40	1691970	20.0
(DEL) Alkane: Str...	24.62	3.0	ng/ul	258220	6	23.40	1691970	20.0