

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
 Data File : BM017104.D
 Acq On : 10 Oct 2018 19:21
 Operator : MJ/SJ
 Sample : J5234-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK4

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-BM100418MA.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	6.869	654	660	671	rVB	992748	1685754	21.80%	2.152%
2	7.034	683	688	703	rVB	861790	1316960	17.03%	1.681%
3	7.228	715	721	731	rVB	1076934	1688377	21.83%	2.155%
4	7.692	794	800	808	rVB	1006481	1558452	20.15%	1.990%
5	8.398	913	920	931	rVB	1373221	2173121	28.10%	2.774%
6	8.845	989	996	1004	rVB	1082577	1738864	22.49%	2.220%
7	8.963	1013	1016	1019	rVB3	8803	10000	0.13%	0.013%
8	9.257	1062	1066	1076	rVB3	8978	16426	0.21%	0.021%
9	9.557	1110	1117	1125	rBV	829055	1357964	17.56%	1.734%
10	9.792	1152	1157	1161	rBV5	7824	14547	0.19%	0.019%
11	10.092	1201	1208	1220	rBV	1494025	2397944	31.01%	3.061%
12	10.263	1232	1237	1243	rBV4	7256	10966	0.14%	0.014%
13	10.469	1264	1272	1280	rBV	1527793	2546100	32.92%	3.250%
14	10.610	1288	1296	1314	rBV	1370696	2245411	29.04%	2.867%
15	11.122	1376	1383	1390	rVB4	4740	13083	0.17%	0.017%
16	11.222	1393	1400	1403	rBV2	11140	18162	0.23%	0.023%
17	11.263	1403	1407	1414	rVB5	11920	21332	0.28%	0.027%
18	11.480	1437	1444	1452	rBV3	20163	42155	0.55%	0.054%
19	12.063	1538	1543	1549	rVB	25318	39312	0.51%	0.050%
20	12.469	1607	1612	1620	rBV5	14901	28081	0.36%	0.036%
21	12.663	1640	1645	1646	rBV2	12169	17286	0.22%	0.022%
22	12.939	1688	1692	1697	rVB4	8725	11288	0.15%	0.014%
23	13.233	1736	1742	1743	rBV3	8047	10656	0.14%	0.014%
24	13.251	1743	1745	1750	rVV2	7666	11106	0.14%	0.014%
25	13.651	1809	1813	1817	rBV4	8510	13006	0.17%	0.017%
26	13.751	1823	1830	1834	rBV	2633324	3721032	48.12%	4.750%
27	13.792	1834	1837	1845	rVB	778809	1046166	13.53%	1.336%
28	14.021	1865	1876	1888	rBV	3239546	4699329	60.77%	5.999%
29	14.239	1909	1913	1918	rVB3	7278	8907	0.12%	0.011%
30	14.333	1922	1929	1936	rBV2	2375103	3547592	45.88%	4.529%
31	14.392	1936	1939	1946	rVB3	10083	16537	0.21%	0.021%
32	14.539	1956	1964	1980	rBV	826751	1191676	15.41%	1.521%
33	14.763	1994	2002	2006	rVB2	56745	89049	1.15%	0.114%
34	14.939	2026	2032	2039	rBV5	6383	13541	0.18%	0.017%

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35	15.145	2062	2067	2069	rBV4	8525	11492	0.15%	0.015%
36	15.198	2073	2076	2080	rVB3	10937	13276	0.17%	0.017%
37	15.327	2090	2098	2104	rBV	4032500	5860958	75.79%	7.482%
38	15.380	2104	2107	2113	rVV2	31307	46543	0.60%	0.059%
39	15.451	2113	2119	2131	rVV	704804	963523	12.46%	1.230%
40	15.568	2133	2139	2143	rVV	45955	71503	0.92%	0.091%
41	15.604	2143	2145	2150	rVB3	7816	9467	0.12%	0.012%
42	15.686	2155	2159	2165	rVB6	7096	14088	0.18%	0.018%
43	15.815	2176	2181	2189	rVB8	9250	20169	0.26%	0.026%
44	15.898	2189	2195	2196	rBV5	9315	11229	0.15%	0.014%
45	15.986	2205	2210	2213	rBV3	18428	24026	0.31%	0.031%
46	16.057	2219	2222	2226	rBV2	19593	27340	0.35%	0.035%
47	16.227	2249	2251	2256	rVB5	7249	11131	0.14%	0.014%
48	16.286	2258	2261	2266	rVB4	5623	8533	0.11%	0.011%
49	16.351	2266	2272	2276	rBV3	17069	33899	0.44%	0.043%
50	16.392	2276	2279	2283	rVB5	7221	10526	0.14%	0.013%
51	16.739	2332	2338	2344	rVB7	11035	21553	0.28%	0.028%
52	16.810	2344	2350	2353	rBV5	6901	13743	0.18%	0.018%
53	16.857	2353	2358	2361	rVV4	16818	33357	0.43%	0.043%
54	16.898	2363	2365	2372	rVB4	24397	28828	0.37%	0.037%
55	16.998	2377	2382	2386	rBV4	7540	12543	0.16%	0.016%
56	17.080	2389	2396	2401	rBV	3005622	4259001	55.07%	5.437%
57	17.121	2401	2403	2407	rVV	294804	347956	4.50%	0.444%
58	17.180	2407	2413	2425	rVV	4494774	6274933	81.14%	8.011%
59	17.280	2425	2430	2435	rVV5	16040	28698	0.37%	0.037%
60	17.374	2440	2446	2453	rVV	15302	26880	0.35%	0.034%
61	17.480	2458	2464	2470	rBV2	29834	57367	0.74%	0.073%
62	17.592	2480	2483	2488	rBV7	12924	21276	0.28%	0.027%
63	17.657	2492	2494	2503	rVB6	11611	18992	0.25%	0.024%
64	17.762	2509	2512	2515	rBV4	8461	10316	0.13%	0.013%
65	17.857	2524	2528	2532	rBV6	10412	17827	0.23%	0.023%
66	17.956	2540	2545	2546	rBV	49405	61533	0.80%	0.079%
67	17.986	2546	2550	2558	rVV2	267796	462324	5.98%	0.590%
68	18.051	2558	2561	2566	rVB	27937	41981	0.54%	0.054%
69	18.145	2572	2577	2581	rBV2	76119	132502	1.71%	0.169%
70	18.186	2581	2584	2589	rVB	39855	56145	0.73%	0.072%
71	18.280	2595	2600	2603	rBV5	21838	34230	0.44%	0.044%

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72	18.462	2627	2631	2634	rBV	36663	51668	0.67%	0.066%
73	18.498	2634	2637	2643	rVB3	37920	55742	0.72%	0.071%
74	18.756	2677	2681	2684	rBV2	20276	25984	0.34%	0.033%
75	18.798	2685	2688	2693	rVB5	18017	24704	0.32%	0.032%
76	18.880	2697	2702	2706	rBV2	52697	83700	1.08%	0.107%
77	18.921	2706	2709	2715	rVB5	45046	95679	1.24%	0.122%
78	19.021	2722	2726	2727	rBV4	19904	30415	0.39%	0.039%
79	19.109	2737	2741	2742	rBV	61942	67473	0.87%	0.086%
80	19.139	2742	2746	2751	rVB	484851	639075	8.26%	0.816%
81	19.239	2761	2763	2765	rBV3	14075	15596	0.20%	0.020%
82	19.268	2765	2768	2775	rVB3	76105	114170	1.48%	0.146%
83	19.362	2782	2784	2791	rVB2	45077	65725	0.85%	0.084%
84	19.415	2791	2793	2797	rVB4	17446	19996	0.26%	0.026%
85	19.480	2797	2804	2813	rBV	5202970	7733108	100.00%	9.872%
86	19.615	2824	2827	2833	rVB5	29046	34712	0.45%	0.044%
87	20.003	2890	2893	2896	rVB2	73921	70706	0.91%	0.090%
88	20.039	2896	2899	2903	rVB	66911	79078	1.02%	0.101%
89	20.103	2907	2910	2914	rVB	77985	87319	1.13%	0.111%
90	20.533	2980	2983	2986	rVB	65989	66753	0.86%	0.085%
91	20.997	3057	3062	3067	rBV	440394	630162	8.15%	0.804%
92	21.268	3102	3108	3112	rBV	3412413	4453949	57.60%	5.686%
93	21.433	3133	3136	3139	rVB	208062	212583	2.75%	0.271%
94	21.862	3206	3209	3218	rVB	518171	686005	8.87%	0.876%
95	22.321	3284	3287	3294	rVB	401246	559624	7.24%	0.714%
96	22.827	3369	3373	3379	rBV	675707	1044446	13.51%	1.333%
97	23.350	3456	3462	3467	rBV	2667465	4828483	62.44%	6.164%
98	23.491	3480	3486	3502	rVB	1741999	3394892	43.90%	4.334%
99	24.027	3573	3577	3585	rVB	405457	738407	9.55%	0.943%

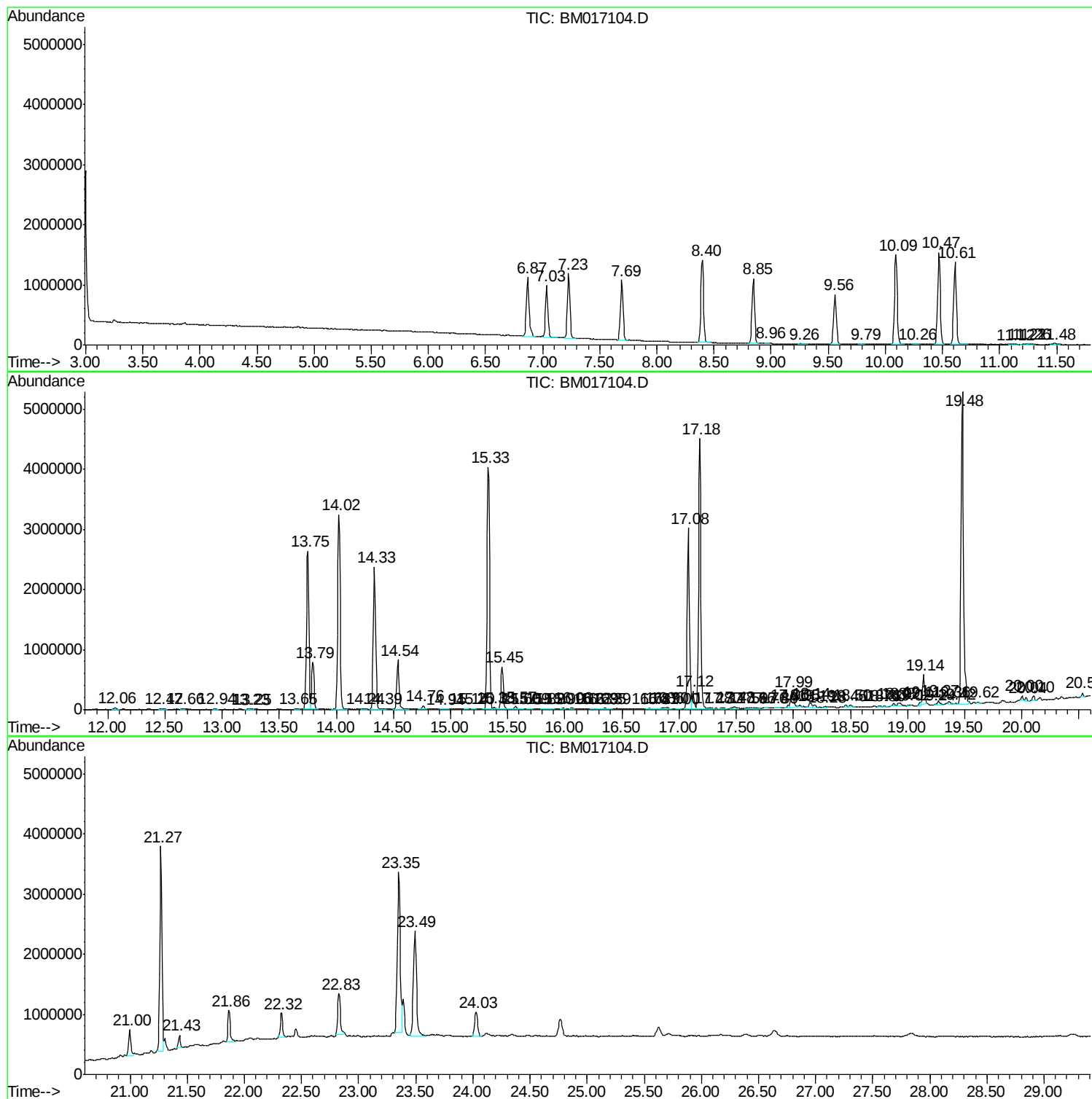
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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



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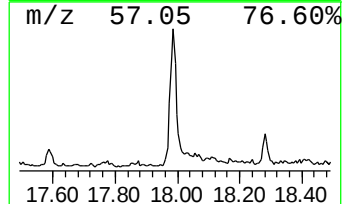
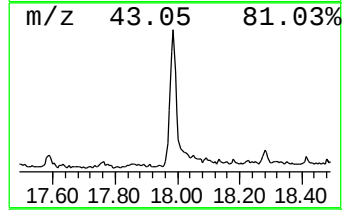
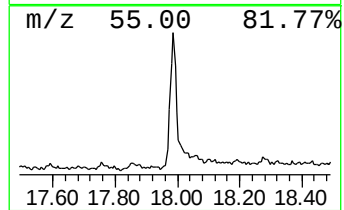
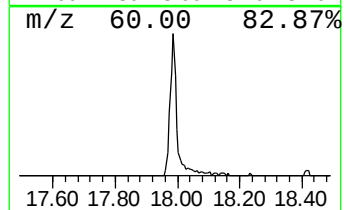
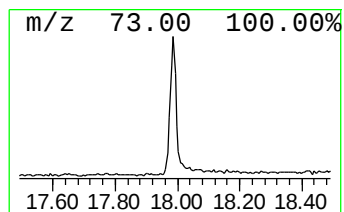
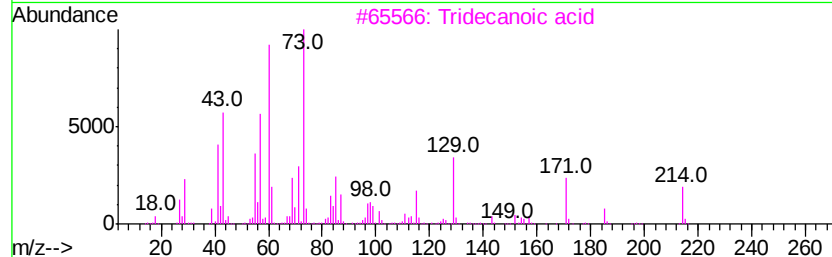
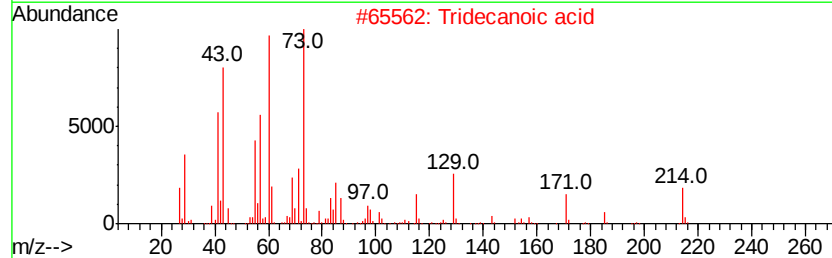
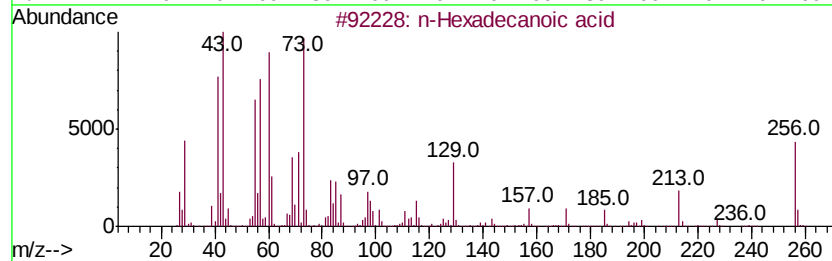
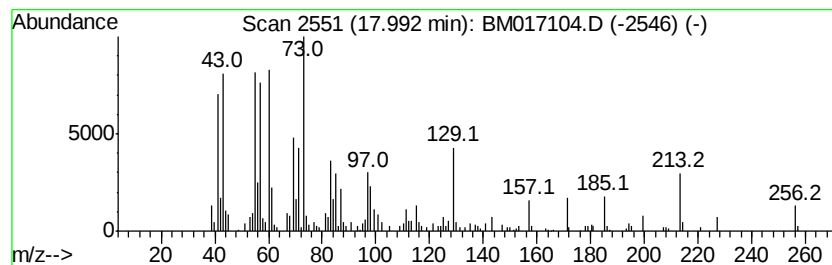
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.99	2.17 ng/ul	462324	Phenanthrene-d10	17.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76



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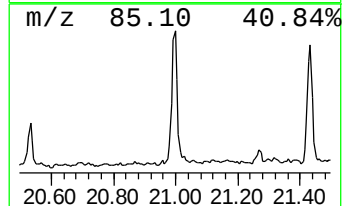
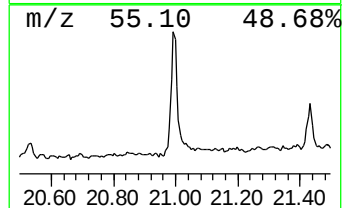
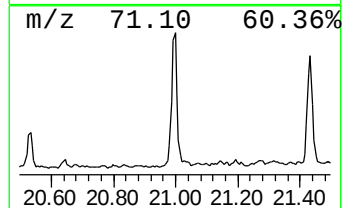
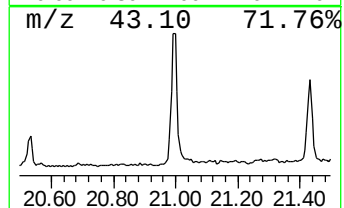
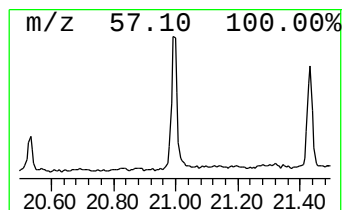
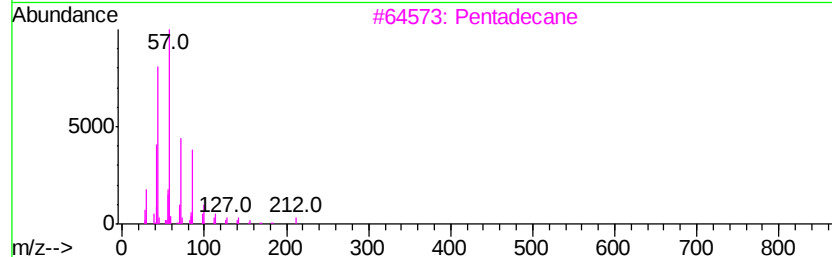
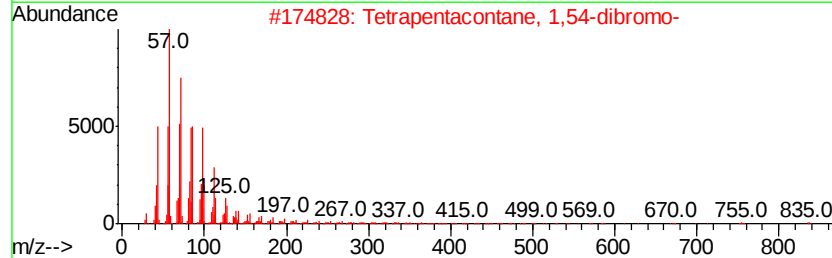
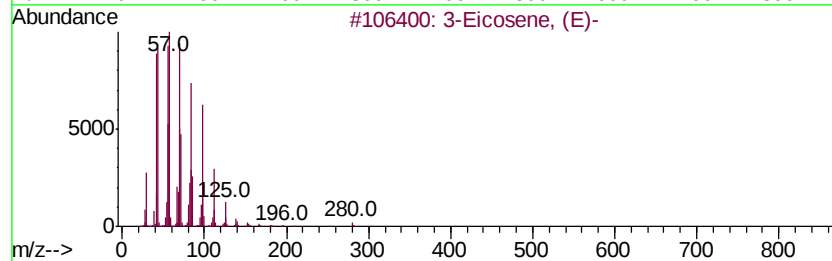
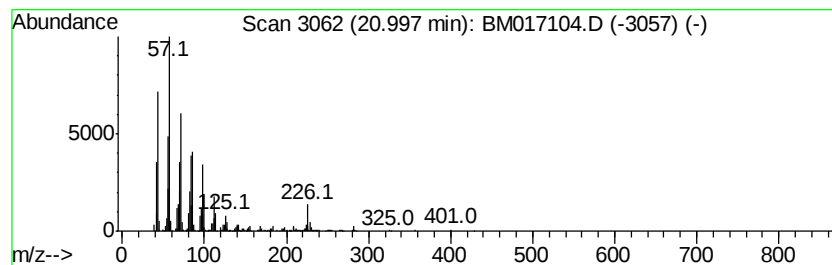
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic21.00 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.83 ng/ul	630162	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	90
3		Pentadecane	212	C15H32	000629-62-9	87
4		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	87
5		Hexadecane	226	C16H34	000544-76-3	70



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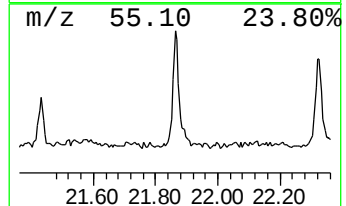
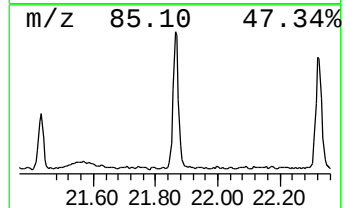
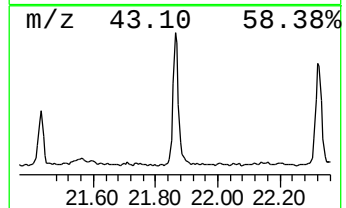
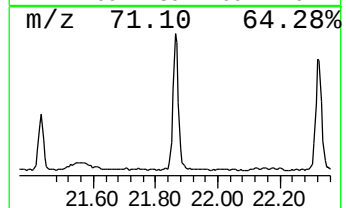
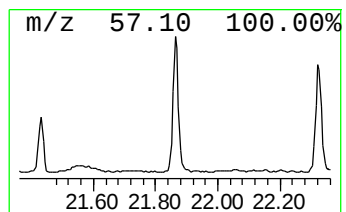
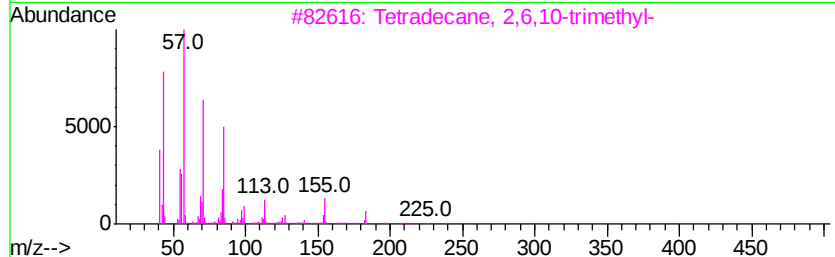
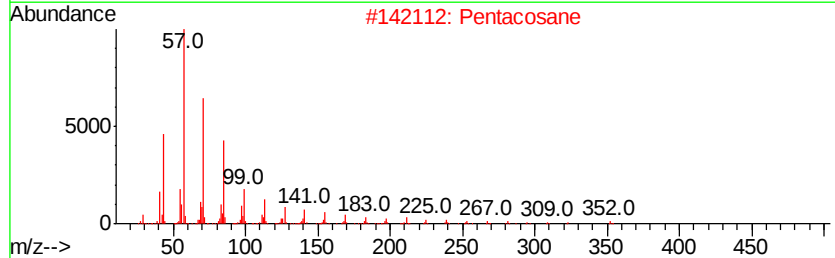
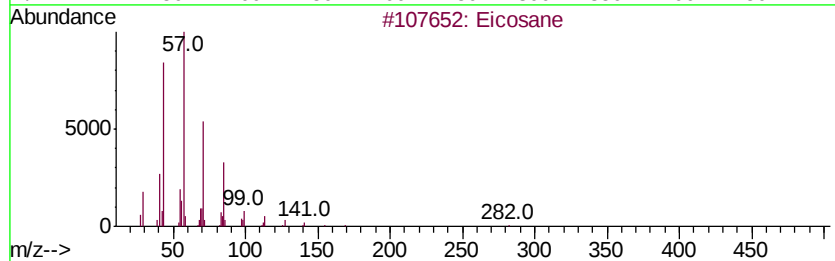
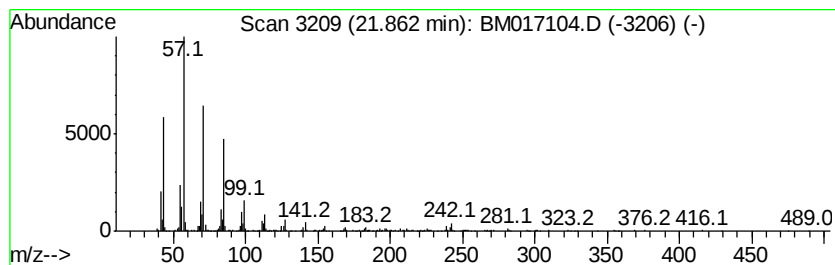
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	3.08 ng/ul	686005	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Pentacosane	352	C25H52	000629-99-2	87
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4		Octadecane	254	C18H38	000593-45-3	86
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017104.D
Acq On : 10 Oct 2018 19:21
Operator : MJ/SJ
Sample : J5234-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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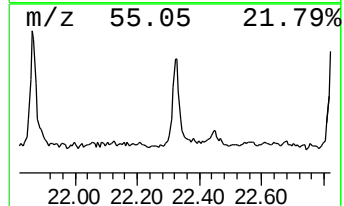
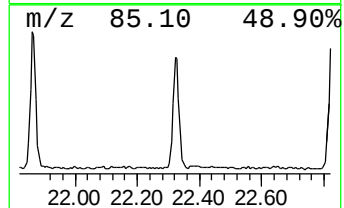
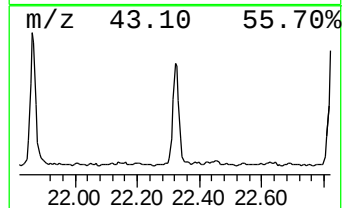
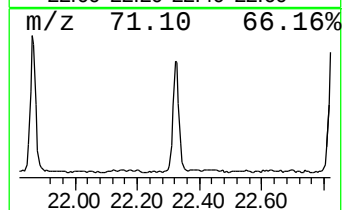
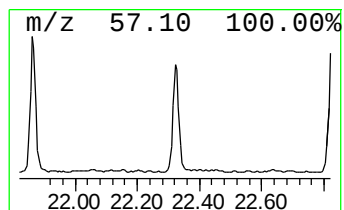
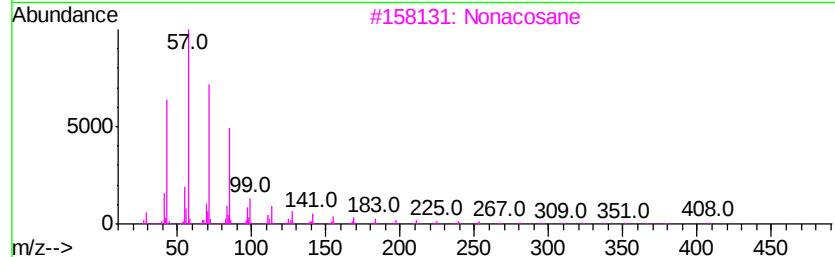
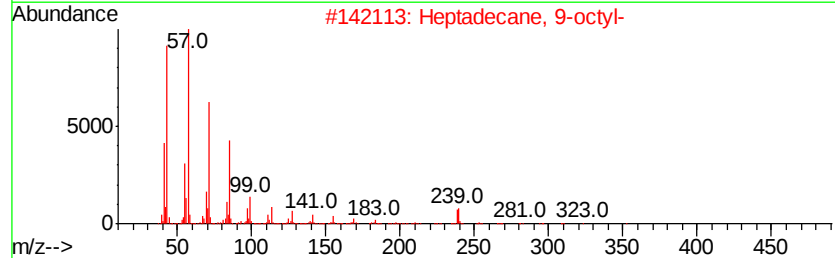
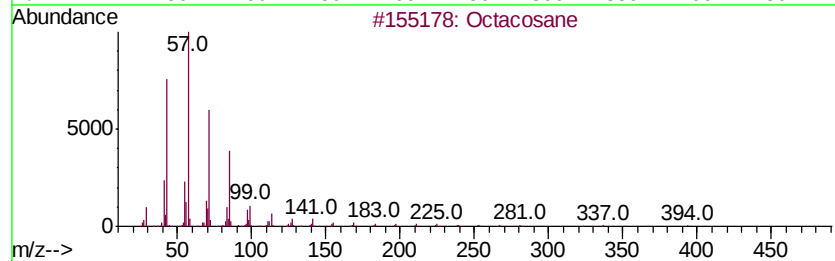
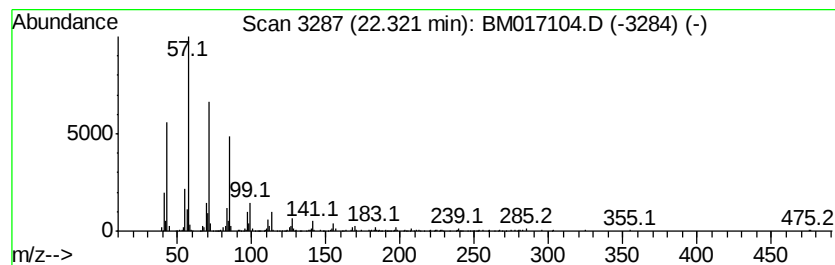
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.51 ng/ul	559624	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017104.D
Acq On : 10 Oct 2018 19:21
Operator : MJ/SJ
Sample : J5234-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK4

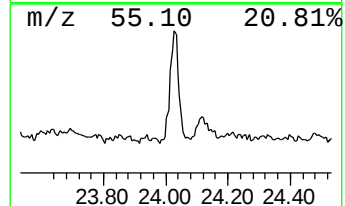
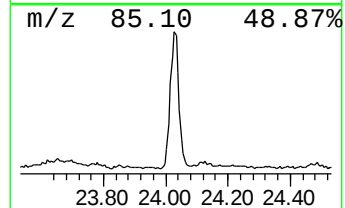
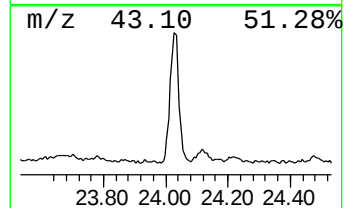
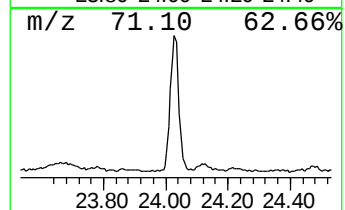
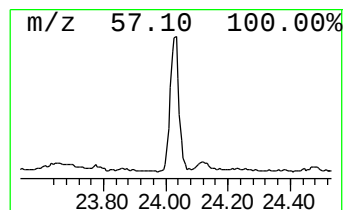
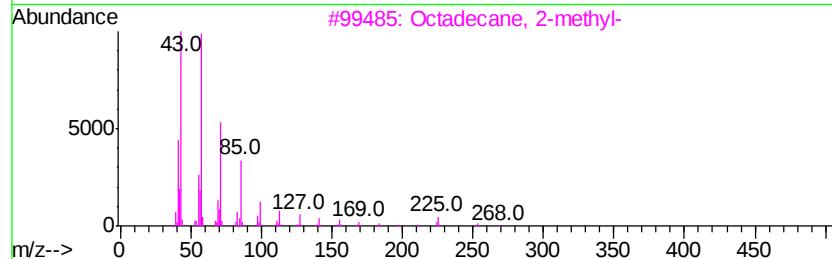
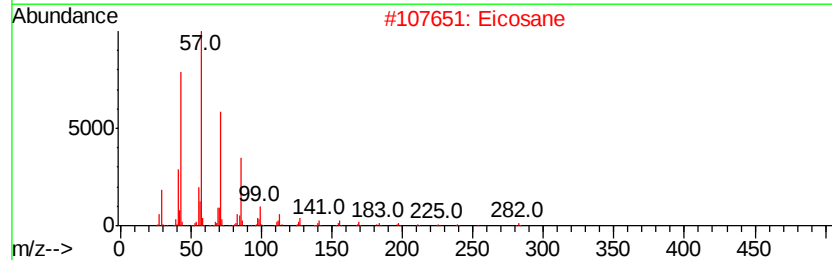
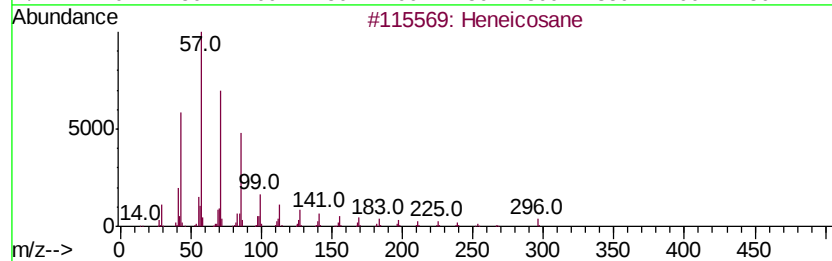
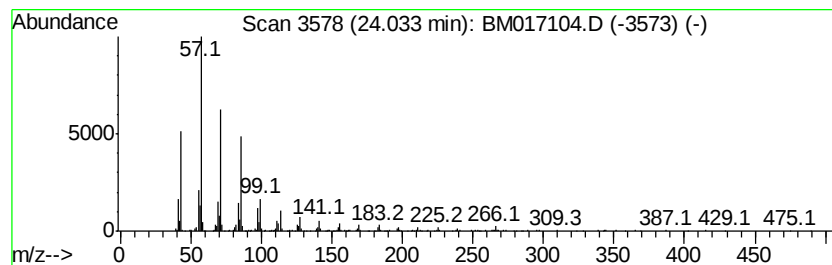
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	4.35 ng/ul	738407	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Eicosane	282	C20H42	000112-95-8	97
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101018\
Data File : BM017104.D
Acq On : 10 Oct 2018 19:21
Operator : MJ/SJ
Sample : J5234-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.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
n-Hexadecanoic acid	17.99	2.2	ng/ul	462324	4	17.08	4259000	20.0
(DEL) Alkane: Cyc...	21.00	2.8	ng/ul	630162	5	21.27	4453950	20.0
(DEL) Alkane: Str...	21.86	3.1	ng/ul	686005	5	21.27	4453950	20.0
(DEL) Alkane: Str...	22.32	2.5	ng/ul	559624	5	21.27	4453950	20.0
(DEL) Alkane: Str...	24.03	4.3	ng/ul	738407	6	23.49	3394890	20.0