

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005876.D
 Acq On : 23 May 2019 06:25
 Operator : JU/SJ
 Sample : K2927-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42A6

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	658	rVB	267434	584678	17.18%	1.655%
2	6.905	661	666	680	rVB	242127	420224	12.35%	1.189%
3	7.099	694	699	714	rVB	329525	595029	17.48%	1.684%
4	7.558	771	777	788	rBV	294779	523311	15.37%	1.481%
5	8.275	893	899	916	rVB	351208	691423	20.31%	1.957%
6	8.710	966	973	987	rBV	349904	644013	18.92%	1.823%
7	9.422	1088	1094	1106	rBV2	289079	537036	15.78%	1.520%
8	9.969	1181	1187	1212	rBV	356255	815416	23.96%	2.308%
9	10.316	1240	1246	1256	rVB	476830	804421	23.63%	2.277%
10	10.475	1266	1273	1293	rBV	261266	650445	19.11%	1.841%
11	13.616	1801	1807	1812	rBV	1022555	1444410	42.44%	4.088%
12	13.663	1812	1815	1827	rVB	326815	483084	14.19%	1.367%
13	13.887	1846	1853	1870	rVB	1055003	1655960	48.65%	4.687%
14	14.198	1900	1906	1914	rBV2	820171	1214553	35.68%	3.437%
15	14.257	1914	1916	1922	rVB2	5927	8564	0.25%	0.024%
16	14.469	1947	1952	1974	rBV2	154091	510823	15.01%	1.446%
17	14.663	1981	1985	1988	rVB4	8358	11703	0.34%	0.033%
18	15.069	2050	2054	2061	rVB4	6883	9452	0.28%	0.027%
19	15.204	2070	2077	2085	rBV	1406203	2122990	62.37%	6.009%
20	15.263	2085	2087	2093	rVB3	7591	9819	0.29%	0.028%
21	15.375	2101	2106	2115	rBV2	128635	233223	6.85%	0.660%
22	15.445	2115	2118	2121	rVB4	12166	16674	0.49%	0.047%
23	15.563	2133	2138	2143	rBV4	4459	6196	0.18%	0.018%
24	15.704	2159	2162	2171	rVB5	3442	7058	0.21%	0.020%
25	15.939	2197	2202	2208	rBV5	7551	15329	0.45%	0.043%
26	15.992	2208	2211	2215	rVB4	5913	7061	0.21%	0.020%
27	16.504	2294	2298	2301	rBV2	5352	8333	0.24%	0.024%
28	16.534	2301	2303	2307	rVV4	6716	8021	0.24%	0.023%
29	16.628	2315	2319	2326	rVB5	7499	12185	0.36%	0.034%
30	16.692	2326	2330	2332	rBV3	5963	8424	0.25%	0.024%
31	16.734	2335	2337	2342	rVV4	7679	11282	0.33%	0.032%
32	16.781	2342	2345	2351	rVB3	7932	12732	0.37%	0.036%
33	16.957	2369	2375	2380	rBV2	1118210	1637960	48.12%	4.636%
34	16.998	2380	2382	2387	rVV	197391	251067	7.38%	0.711%

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35	17.063	2387	2393	2406	rVB2	1581156	2481293	72.90%	7.023%
36	17.257	2421	2426	2430	rBV3	4932	7673	0.23%	0.022%
37	17.481	2459	2464	2468	rBV3	11367	15813	0.46%	0.045%
38	17.551	2472	2476	2478	rBV2	6103	9038	0.27%	0.026%
39	17.686	2495	2499	2500	rBV3	4225	6212	0.18%	0.018%
40	17.839	2521	2525	2528	rBV	53136	72783	2.14%	0.206%
41	17.881	2528	2532	2539	rVV2	150145	301046	8.84%	0.852%
42	17.975	2545	2548	2553	rVB2	23778	31908	0.94%	0.090%
43	18.033	2553	2558	2562	rBV2	80587	133967	3.94%	0.379%
44	18.075	2562	2565	2573	rVB2	42464	65309	1.92%	0.185%
45	18.157	2576	2579	2585	rBV6	12118	15602	0.46%	0.044%
46	18.216	2585	2589	2591	rBV5	13025	19574	0.58%	0.055%
47	18.310	2601	2605	2607	rBV5	5386	8084	0.24%	0.023%
48	18.351	2607	2612	2617	rVB	43587	56914	1.67%	0.161%
49	18.410	2619	2622	2628	rVB4	27048	39999	1.18%	0.113%
50	18.475	2628	2633	2637	rBV4	8360	12415	0.36%	0.035%
51	18.510	2637	2639	2643	rBV5	4878	7592	0.22%	0.021%
52	18.575	2645	2650	2651	rBV3	4818	6362	0.19%	0.018%
53	18.598	2651	2654	2659	rVB3	16366	19469	0.57%	0.055%
54	18.651	2659	2663	2666	rBV2	13875	18078	0.53%	0.051%
55	18.692	2666	2670	2673	rVB2	12469	14598	0.43%	0.041%
56	18.775	2677	2684	2687	rBV	46961	72356	2.13%	0.205%
57	18.816	2687	2691	2692	rVV4	12710	17132	0.50%	0.048%
58	18.833	2692	2694	2698	rVV2	20914	31716	0.93%	0.090%
59	18.863	2698	2699	2703	rVB2	16284	15531	0.46%	0.044%
60	18.928	2703	2710	2715	rBV3	42191	79079	2.32%	0.224%
61	19.039	2720	2729	2737	rBV	644091	914306	26.86%	2.588%
62	19.110	2738	2741	2744	rVB2	14456	15471	0.45%	0.044%
63	19.139	2744	2746	2749	rBV3	12545	17884	0.53%	0.051%
64	19.175	2749	2752	2760	rVB4	27739	52175	1.53%	0.148%
65	19.269	2764	2768	2774	rVB5	25525	55493	1.63%	0.157%
66	19.322	2774	2777	2780	rVB5	8608	11314	0.33%	0.032%
67	19.375	2780	2786	2790	rBV	2231604	3403674	100.00%	9.633%
68	19.486	2802	2805	2810	rVB3	39526	56773	1.67%	0.161%
69	19.598	2818	2824	2831	rBV	30537	57126	1.68%	0.162%
70	19.657	2831	2834	2840	rVB6	12445	21118	0.62%	0.060%
71	19.739	2843	2848	2857	rBV3	57668	141187	4.15%	0.400%

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72	19.828	2861	2863	2867	rVB5	7548	7040	0.21%	0.020%
73	19.880	2867	2872	2873	rBV5	44033	58912	1.73%	0.167%
74	19.916	2873	2878	2886	rVB	101100	191200	5.62%	0.541%
75	20.016	2891	2895	2899	rBV	66472	82060	2.41%	0.232%
76	20.075	2899	2905	2909	rBV3	86245	145312	4.27%	0.411%
77	20.163	2916	2920	2923	rBV5	14022	21195	0.62%	0.060%
78	20.216	2925	2929	2933	rVV	56958	79880	2.35%	0.226%
79	20.263	2933	2937	2941	rVV	56804	77843	2.29%	0.220%
80	20.369	2951	2955	2956	rBV4	12925	19495	0.57%	0.055%
81	20.445	2964	2968	2971	rBV4	26091	35821	1.05%	0.101%
82	20.551	2983	2986	2988	rBV4	18173	19975	0.59%	0.057%
83	20.680	3004	3008	3013	rBV	78446	112484	3.30%	0.318%
84	20.839	3032	3035	3038	rBV	72395	79388	2.33%	0.225%
85	20.875	3038	3041	3044	rVV	75146	86451	2.54%	0.245%
86	20.910	3044	3047	3057	rVV3	276812	547210	16.08%	1.549%
87	20.986	3057	3060	3068	rVB	93658	144249	4.24%	0.408%
88	21.116	3078	3082	3087	rBV	345871	366479	10.77%	1.037%
89	21.198	3088	3096	3100	rVV2	1622141	2670930	78.47%	7.559%
90	21.233	3100	3102	3111	rVB	362104	452942	13.31%	1.282%
91	21.357	3119	3123	3130	rBV	96801	137846	4.05%	0.390%
92	21.751	3188	3190	3193	rVB	83396	82936	2.44%	0.235%
93	21.786	3193	3196	3202	rBV2	74743	155923	4.58%	0.441%
94	22.239	3269	3273	3278	rBV	145644	193354	5.68%	0.547%
95	22.739	3353	3358	3360	rBV	264160	463384	13.61%	1.311%
96	23.210	3434	3438	3441	rBV	119254	198630	5.84%	0.562%
97	23.263	3441	3447	3453	rBV	1312332	2509809	73.74%	7.103%
98	23.398	3464	3470	3476	rBV	859730	1552950	45.63%	4.395%
99	23.898	3551	3555	3564	rVB	180256	328569	9.65%	0.930%
100	24.615	3673	3677	3688	rVB	112175	231328	6.80%	0.655%

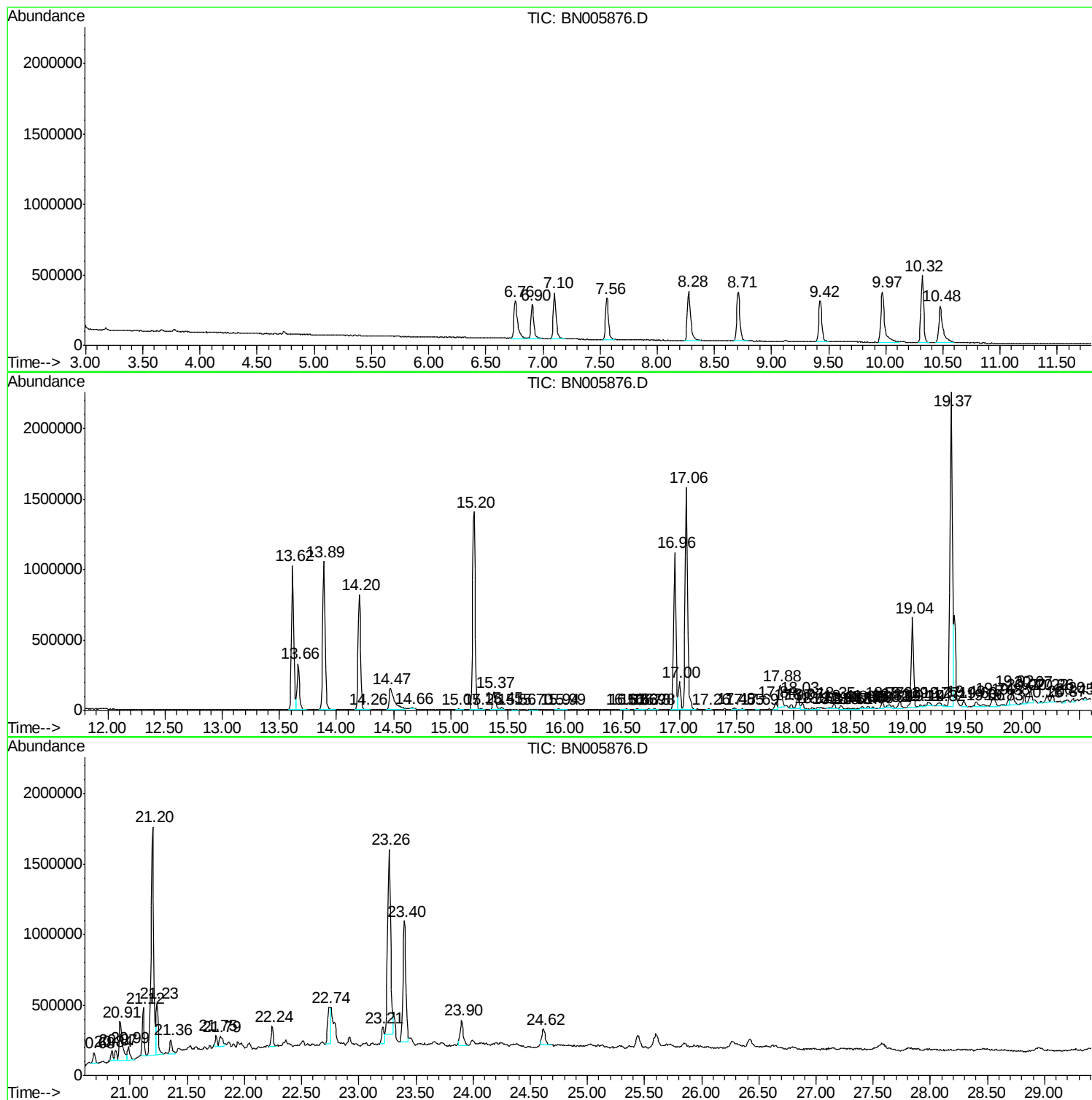
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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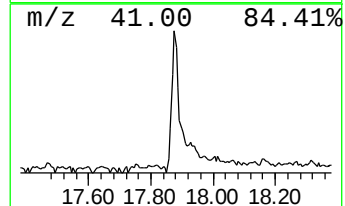
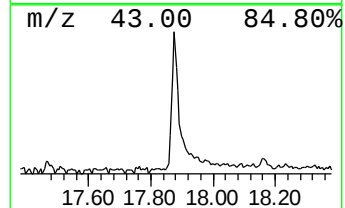
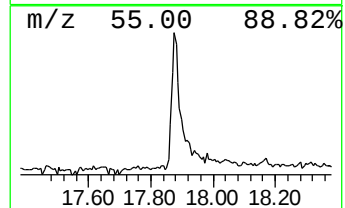
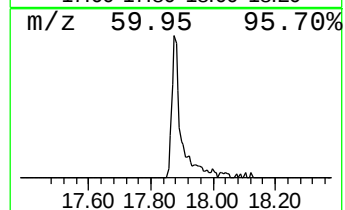
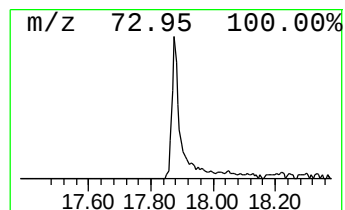
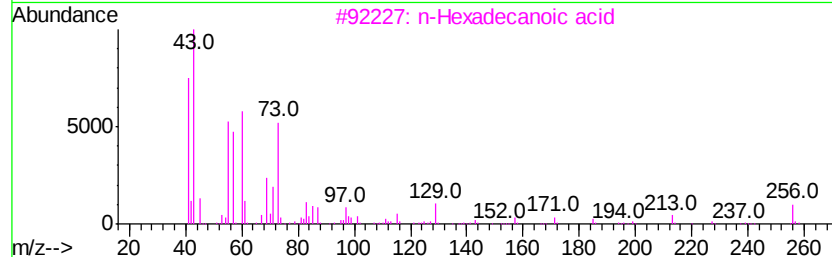
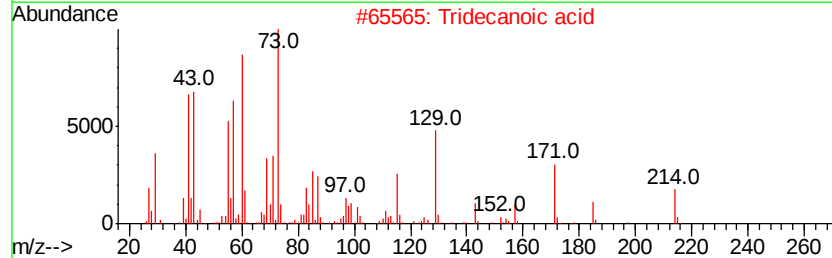
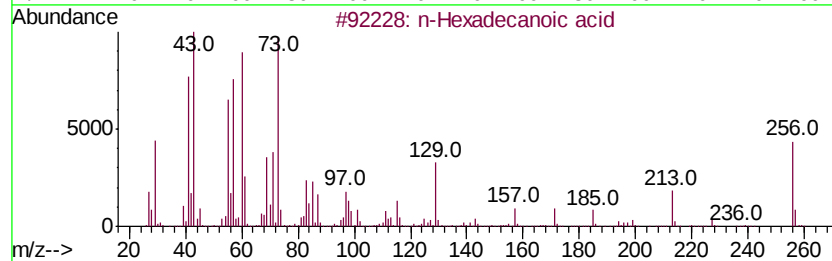
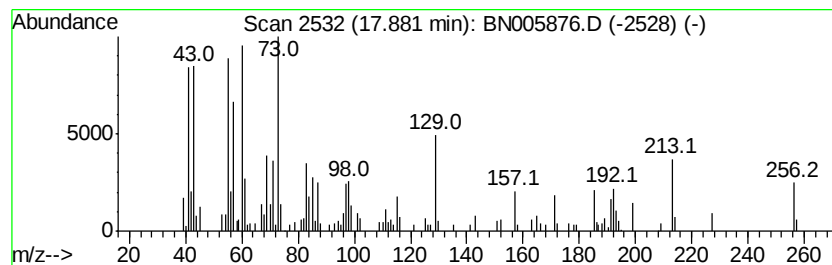
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.88	3.68 ng/ul	301046	Phenanthrene-d10	16.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	49



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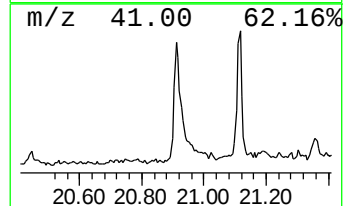
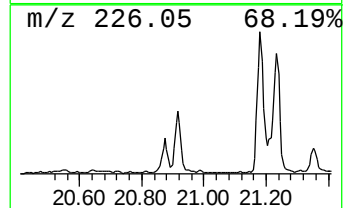
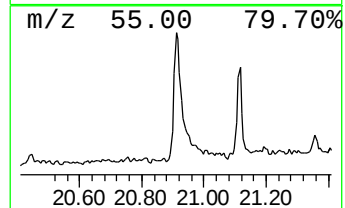
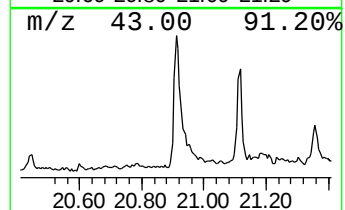
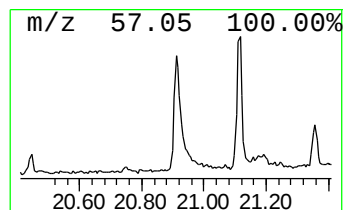
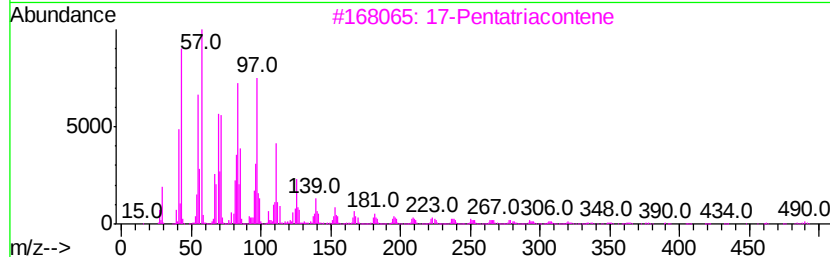
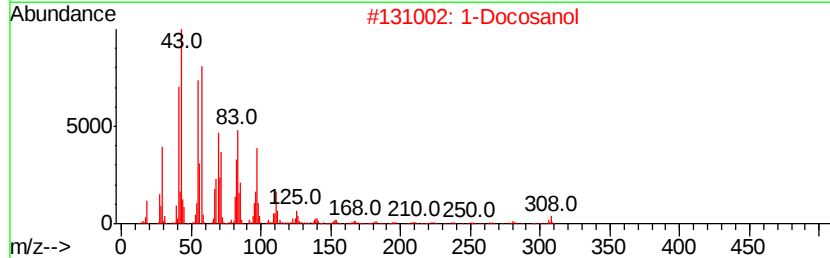
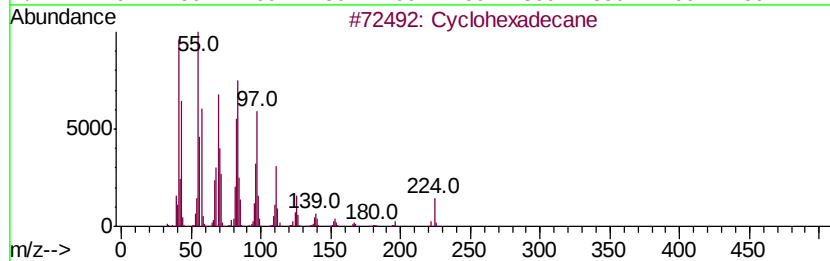
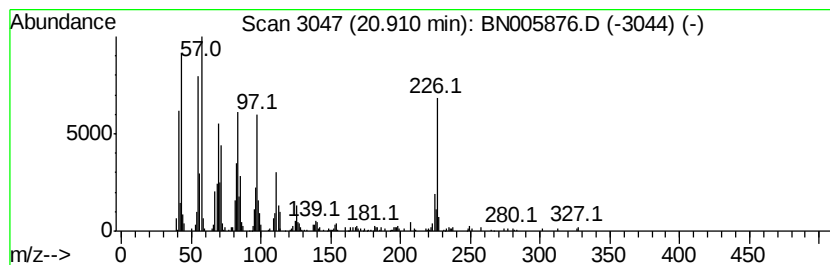
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.91 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	4.10 ng/ul	547210	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 95
2		1-Docosanol	326 C22H46O	000661-19-8 70
3		17-Pentatriacontene	491 C35H70	006971-40-0 70
4		Pentafluoropropionic acid, hepta...	402 C20H35F5O2	1000283-04-2 64
5		17-Pentatriacontene	491 C35H70	006971-40-0 64



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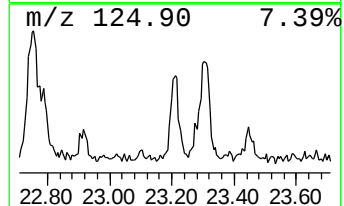
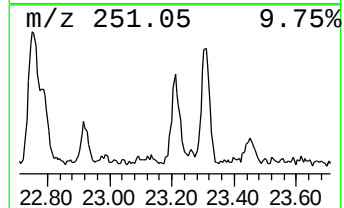
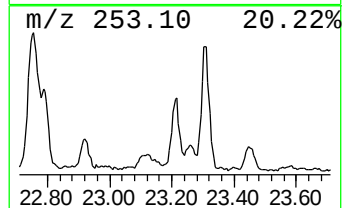
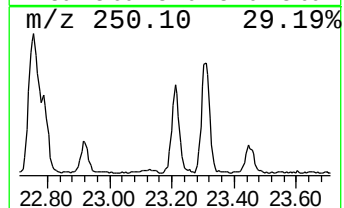
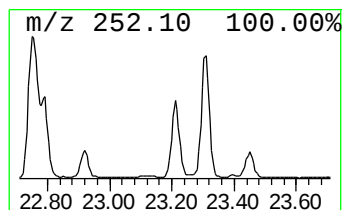
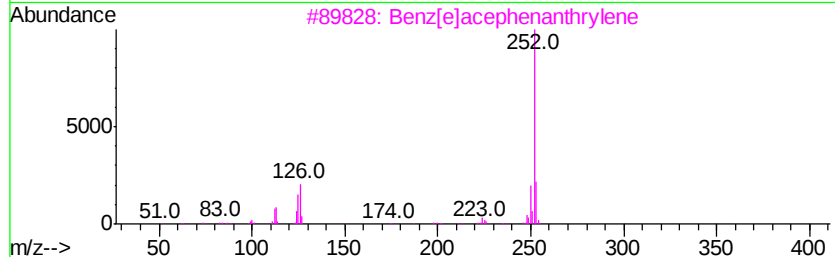
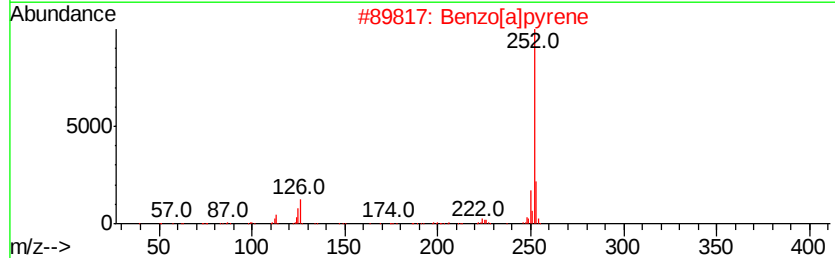
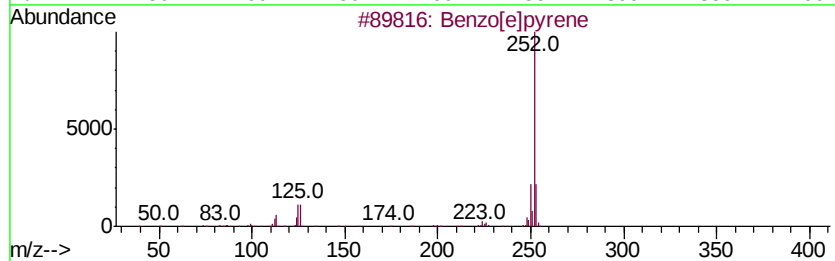
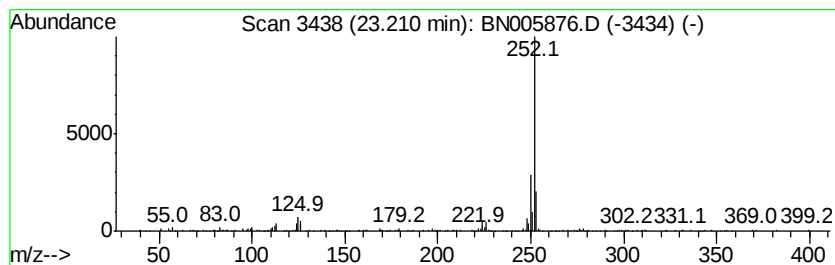
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Peak Number 3 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	2.56 ng/ul	198630	Perylene-d12	23.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	81
2		Benzo[a]pyrene	252	C20H12	000050-32-8	81
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	81
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5		Benzo[a]pyrene	252	C20H12	000050-32-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005876.D
Acq On : 23 May 2019 06:25
Operator : JU/SJ
Sample : K2927-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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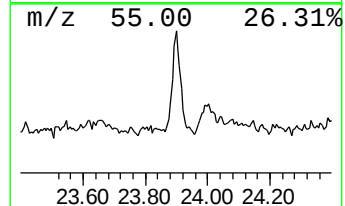
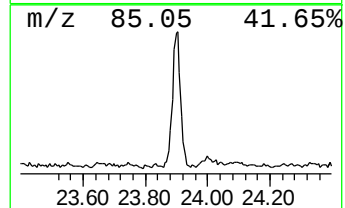
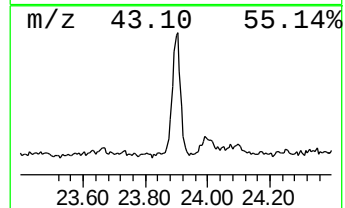
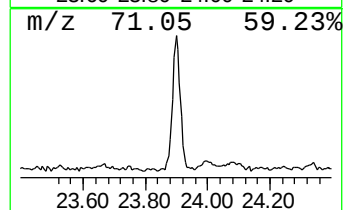
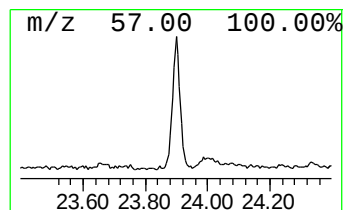
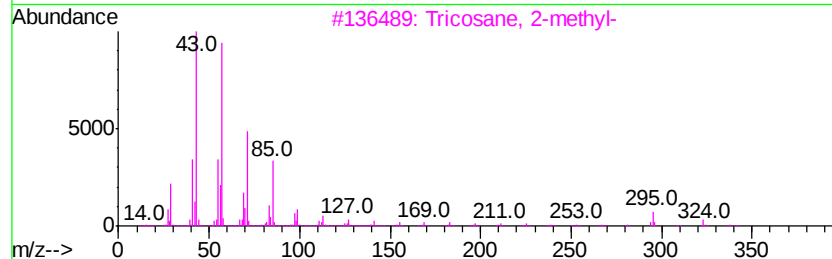
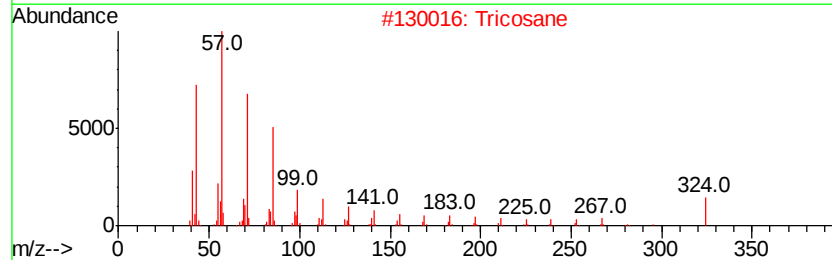
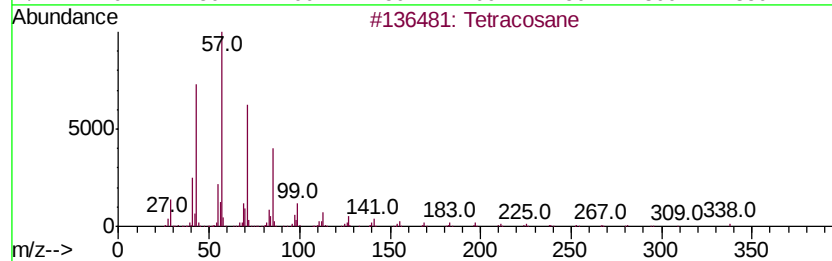
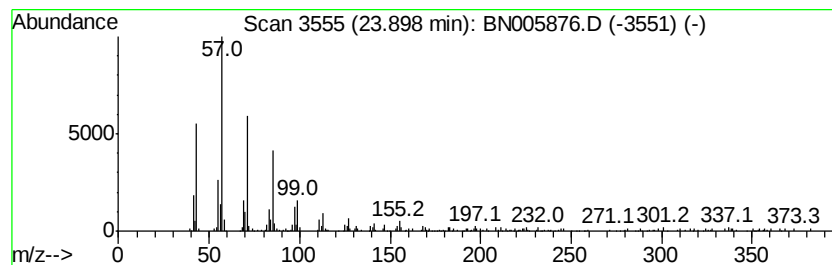
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	4.23 ng/ul	328569	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	96
2			Tricosane	324	C23H48	000638-67-5	93
3			Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
4			Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
5			Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005876.D
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Operator : JU/SJ
Sample : K2927-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42A6

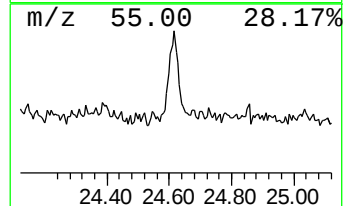
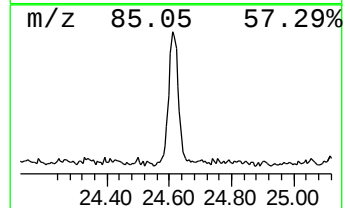
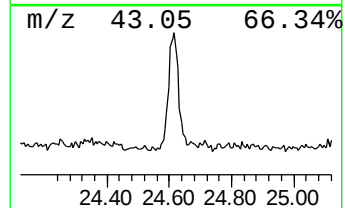
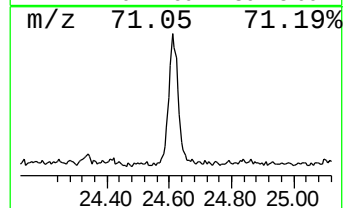
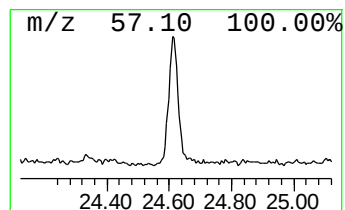
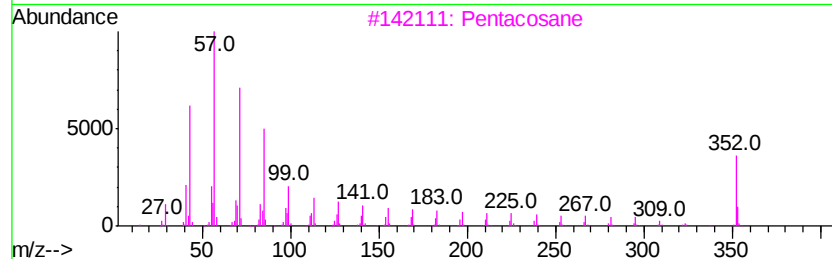
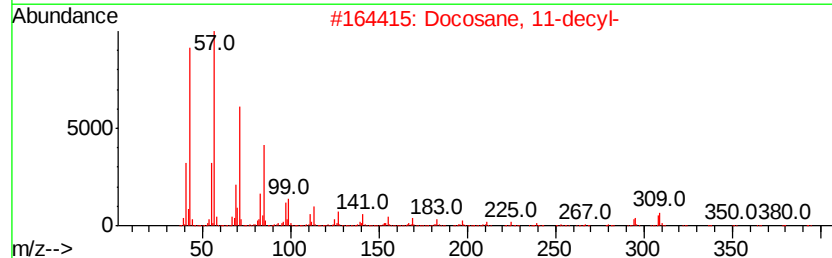
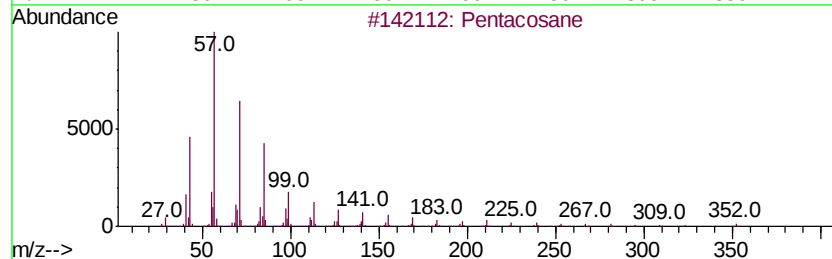
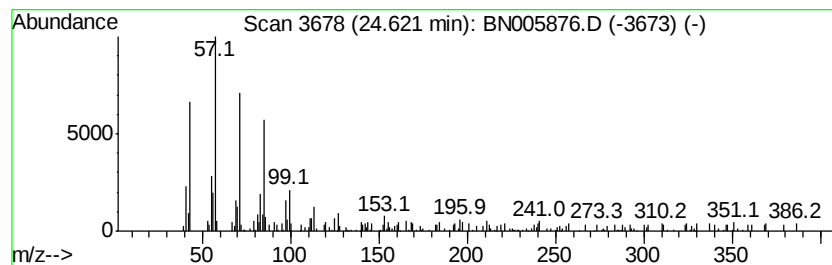
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.62	2.98 ng/ul	231328	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	93
2		Docosane, 11-decyl-	451	C32H66	055401-55-3	87
3		Pentacosane	352	C25H52	000629-99-2	87
4		Hentriacontane	437	C31H64	000630-04-6	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005876.D
Acq On : 23 May 2019 06:25
Operator : JU/SJ
Sample : K2927-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42A6

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
n-Hexadecanoic acid	17.88	3.7	ng/ul	301046	4	16.96	1637960	20.0
(DEL) Alkane: Cyc...	20.91	4.1	ng/ul	547210	5	21.20	2670930	20.0
Benzo[e]pyrene	23.21	2.6	ng/ul	198630	6	23.40	1552950	20.0
(DEL) Alkane: Str...	23.90	4.2	ng/ul	328569	6	23.40	1552950	20.0
(DEL) Alkane: Str...	24.62	3.0	ng/ul	231328	6	23.40	1552950	20.0