

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
 Data File : BM017322.D
 Acq On : 24 Oct 2018 18:02
 Operator : MJ/SJ
 Sample : J5598-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE5

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-BM102418MA.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	3.228	37	41	50	rVB	35364	57208	0.65%	0.060%
2	3.722	121	125	134	rVB	32773	47530	0.54%	0.050%
3	3.840	140	145	152	rVB2	25223	43096	0.49%	0.045%
4	4.828	307	313	323	rVB2	58265	98349	1.12%	0.103%
5	6.840	648	655	667	rBV2	662668	1366883	15.50%	1.436%
6	7.004	675	683	691	rBV	538235	836011	9.48%	0.878%
7	7.192	709	715	725	rBV	690311	1095300	12.42%	1.151%
8	7.657	787	794	802	rBV	1077305	1687480	19.13%	1.773%
9	8.187	878	884	889	rBV5	11404	18266	0.21%	0.019%
10	8.363	907	914	924	rBV	831724	1362745	15.45%	1.432%
11	8.481	930	934	942	rVB3	12267	22805	0.26%	0.024%
12	8.810	982	990	1000	rBV	657244	1081940	12.27%	1.137%
13	9.522	1104	1111	1120	rBV	521649	899552	10.20%	0.945%
14	10.057	1195	1202	1215	rBV	749967	1398930	15.86%	1.470%
15	10.428	1257	1265	1272	rBV	1545406	2615687	29.66%	2.748%
16	10.481	1272	1274	1281	rVB2	46211	57317	0.65%	0.060%
17	10.575	1283	1290	1307	rBV	597410	1159765	13.15%	1.219%
18	10.957	1351	1355	1361	rVB6	8417	16818	0.19%	0.018%
19	11.975	1520	1528	1534	rBV	61065	102117	1.16%	0.107%
20	12.027	1534	1537	1543	rVB3	16506	24560	0.28%	0.026%
21	12.104	1543	1550	1555	rBV	17558	24925	0.28%	0.026%
22	13.627	1803	1809	1813	rBV4	9836	16753	0.19%	0.018%
23	13.716	1818	1824	1828	rVV	1674753	2284514	25.90%	2.400%
24	13.763	1828	1832	1840	rVB	373217	533053	6.04%	0.560%
25	13.986	1860	1870	1884	rBV	1853690	2889088	32.76%	3.036%
26	14.298	1915	1923	1931	rBV2	2405396	3665534	41.56%	3.851%
27	14.363	1931	1934	1941	rVB3	24946	38566	0.44%	0.041%
28	14.527	1956	1962	1981	rBV	389789	930327	10.55%	0.977%
29	14.704	1988	1992	1995	rBV	20969	31285	0.35%	0.033%
30	14.739	1995	1998	2003	rVB2	55528	72164	0.82%	0.076%
31	15.298	2085	2093	2099	rBV	2439571	3527015	39.99%	3.706%
32	15.351	2099	2102	2109	rVV5	31370	71211	0.81%	0.075%
33	15.421	2109	2114	2128	rVV	673840	1041362	11.81%	1.094%
34	15.539	2130	2134	2145	rVB5	33370	60048	0.68%	0.063%

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35	15.792	2167	2177	2184	rVB8	8624	25255	0.29%	0.027%
36	16.033	2213	2218	2226	rBV5	34087	73696	0.84%	0.077%
37	16.586	2309	2312	2316	rBV6	9305	16870	0.19%	0.018%
38	16.627	2316	2319	2323	rVB4	12826	20032	0.23%	0.021%
39	16.710	2329	2333	2341	rVB2	27426	42260	0.48%	0.044%
40	16.780	2341	2345	2348	rVV5	14856	22223	0.25%	0.023%
41	16.827	2348	2353	2357	rVV6	20237	45592	0.52%	0.048%
42	16.874	2357	2361	2367	rVB6	20268	38162	0.43%	0.040%
43	17.051	2384	2391	2396	rBV	3145395	4627541	52.47%	4.862%
44	17.092	2396	2398	2402	rVV	154785	184947	2.10%	0.194%
45	17.151	2402	2408	2420	rVV	2735910	4312743	48.90%	4.531%
46	17.251	2420	2425	2430	rVB6	40018	76510	0.87%	0.080%
47	17.462	2451	2461	2465	rBV3	45074	109374	1.24%	0.115%
48	17.568	2476	2479	2483	rVB4	21305	33963	0.39%	0.036%
49	17.727	2503	2506	2510	rVB6	14883	21430	0.24%	0.023%
50	17.827	2519	2523	2532	rBV6	17100	35003	0.40%	0.037%
51	17.921	2536	2539	2540	rBV2	19845	17800	0.20%	0.019%
52	17.957	2540	2545	2555	rVB2	305223	464718	5.27%	0.488%
53	18.057	2559	2562	2567	rVB2	31489	43279	0.49%	0.045%
54	18.121	2568	2573	2577	rBV3	86509	154206	1.75%	0.162%
55	18.245	2591	2594	2598	rBV5	25452	35128	0.40%	0.037%
56	18.327	2604	2608	2611	rBV6	14653	21132	0.24%	0.022%
57	18.439	2623	2627	2629	rVB3	30902	33181	0.38%	0.035%
58	18.474	2629	2633	2637	rBV4	39876	52442	0.59%	0.055%
59	18.680	2664	2668	2671	rVB5	23339	27606	0.31%	0.029%
60	18.727	2671	2676	2679	rBV6	18793	30273	0.34%	0.032%
61	18.768	2679	2683	2687	rVV3	29514	38587	0.44%	0.041%
62	18.851	2693	2697	2701	rBV3	56315	102527	1.16%	0.108%
63	18.892	2701	2704	2706	rBV2	26713	28722	0.33%	0.030%
64	18.992	2716	2721	2729	rBV	163623	269264	3.05%	0.283%
65	19.115	2733	2742	2749	rVV	2084796	2905980	32.95%	3.053%
66	19.215	2756	2759	2761	rBV3	39137	46816	0.53%	0.049%
67	19.245	2761	2764	2772	rVB2	130499	206360	2.34%	0.217%
68	19.339	2777	2780	2782	rBV3	48605	66084	0.75%	0.069%
69	19.451	2793	2799	2802	rBV	3863889	5883046	66.70%	6.181%
70	19.480	2802	2804	2813	rVV	2164925	2527554	28.66%	2.656%
71	19.556	2813	2817	2824	rVB3	78432	142548	1.62%	0.150%

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72	19.662	2831	2835	2841	rBV2	106775	190558	2.16%	0.200%
73	19.727	2842	2846	2852	rVB	122724	182744	2.07%	0.192%
74	19.809	2854	2860	2868	rBV5	200568	485432	5.50%	0.510%
75	19.945	2878	2883	2885	rBV4	198946	352528	4.00%	0.370%
76	20.015	2892	2895	2899	rVB2	68105	76156	0.86%	0.080%
77	20.080	2902	2906	2909	rBV2	141024	179224	2.03%	0.188%
78	20.133	2909	2915	2920	rBV3	275841	529244	6.00%	0.556%
79	20.174	2920	2922	2926	rVB	71950	86754	0.98%	0.091%
80	20.280	2935	2940	2943	rBV2	179352	265382	3.01%	0.279%
81	20.321	2943	2947	2952	rVV3	138747	240263	2.72%	0.252%
82	20.509	2976	2979	2982	rBV	141846	162819	1.85%	0.171%
83	20.733	3013	3017	3023	rBV	215555	317558	3.60%	0.334%
84	20.898	3041	3045	3048	rBV2	200816	249338	2.83%	0.262%
85	20.933	3048	3051	3054	rBV	254976	275787	3.13%	0.290%
86	20.974	3054	3058	3063	rVB2	765891	1037485	11.76%	1.090%
87	21.250	3098	3105	3109	rBV2	5203219	8819814	100.00%	9.267%
88	21.286	3109	3111	3118	rVB	1801493	2099806	23.81%	2.206%
89	21.409	3128	3132	3138	rBV2	413429	650347	7.37%	0.683%
90	21.845	3203	3206	3212	rVB2	514851	673444	7.64%	0.708%
91	22.303	3280	3284	3292	rVB	517597	737393	8.36%	0.775%
92	22.427	3302	3305	3312	rVB2	269333	410170	4.65%	0.431%
93	22.803	3363	3369	3374	rBV	2553531	5189824	58.84%	5.453%
94	23.274	3444	3449	3453	rBV	885080	1643700	18.64%	1.727%
95	23.327	3453	3458	3462	rVV	3159604	5735156	65.03%	6.026%
96	23.362	3462	3464	3472	rVB2	1594258	2497517	28.32%	2.624%
97	23.468	3475	3482	3487	rBV	3496586	6449447	73.12%	6.776%
98	23.991	3567	3571	3580	rVB	595902	1067346	12.10%	1.121%
99	24.721	3690	3695	3702	rVB	475080	971509	11.02%	1.021%
100	25.668	3850	3856	3870	rVB2	567250	1637324	18.56%	1.720%

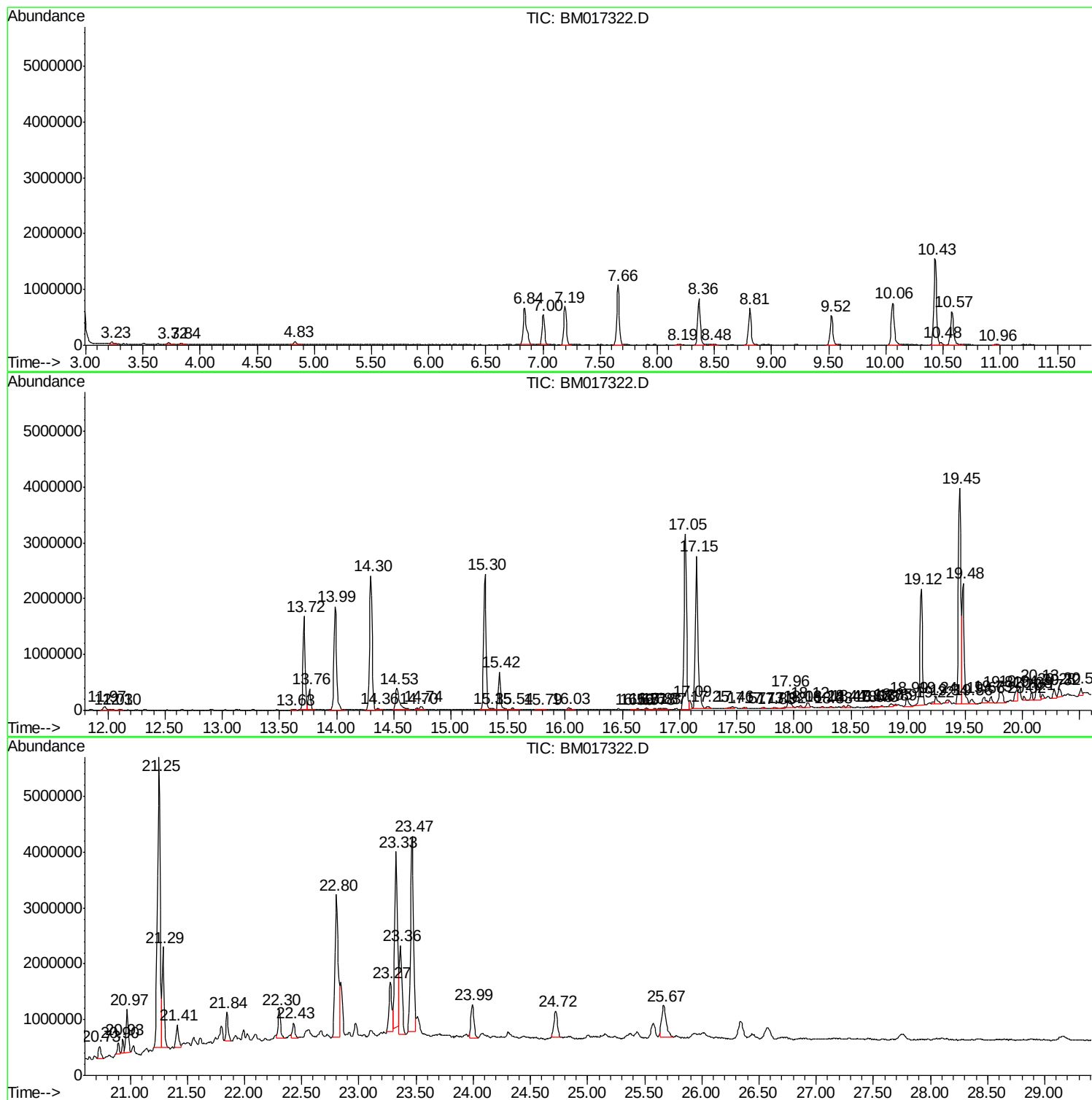
Sum of corrected areas: 95175127

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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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



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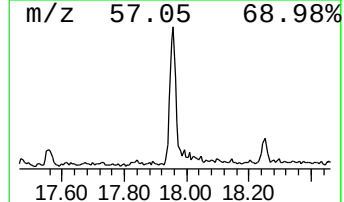
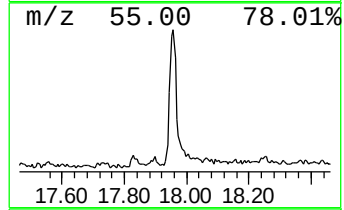
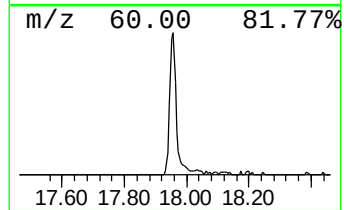
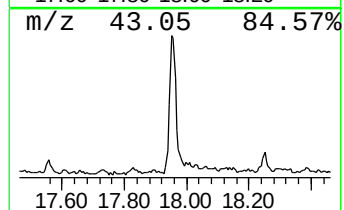
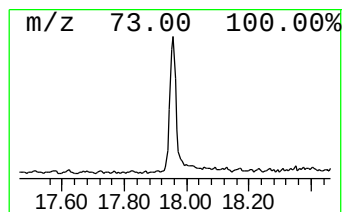
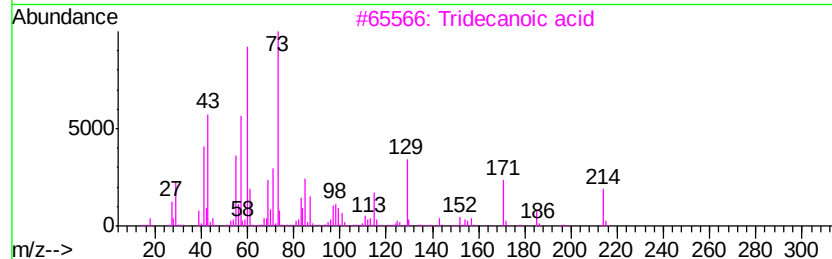
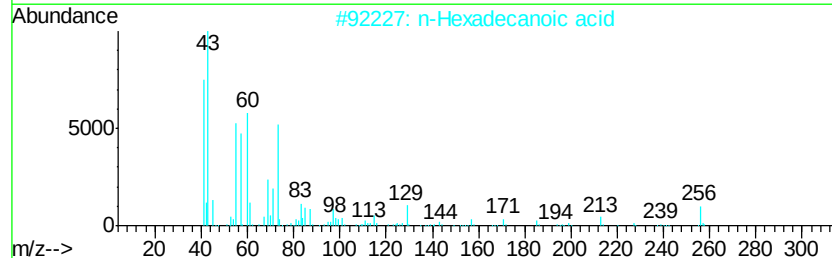
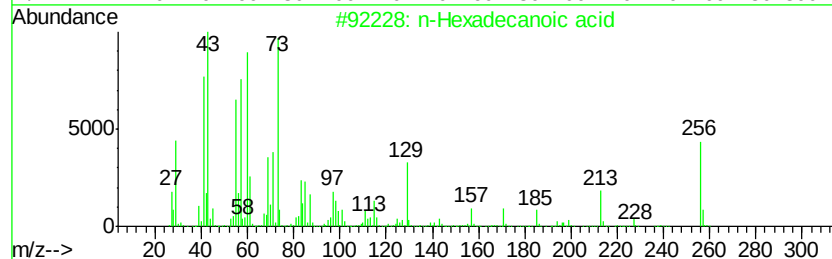
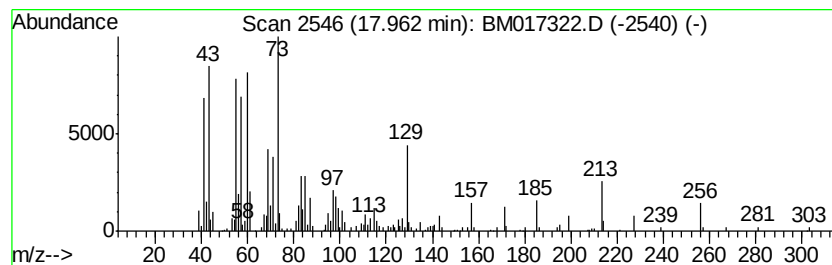
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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.		
17.96	2.01 ng/ul	464718	Phenanthrene-d10		17.05		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			Tridecanoic acid	214	C13H26O2	000638-53-9	74
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



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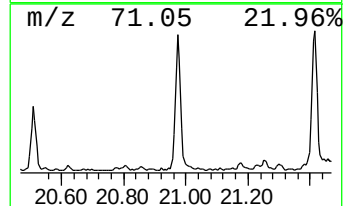
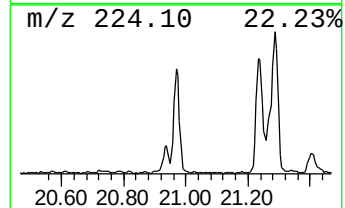
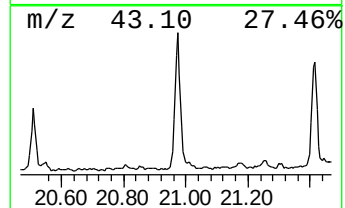
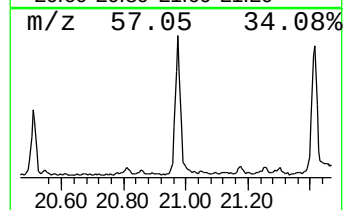
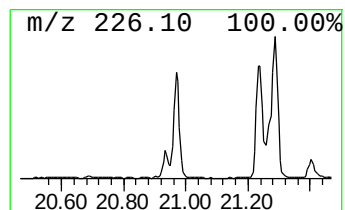
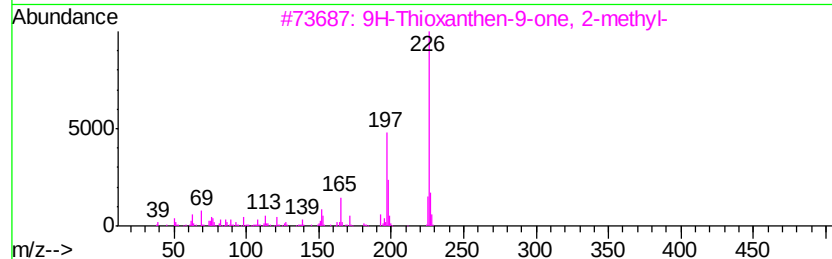
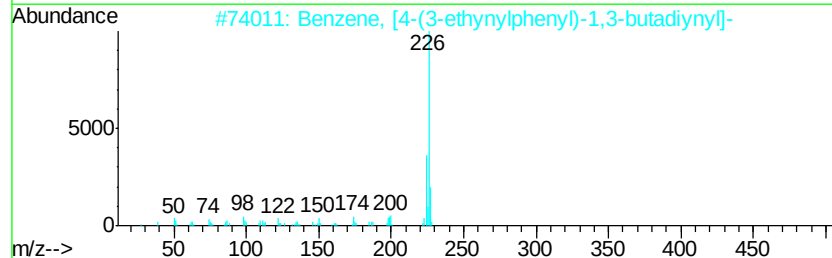
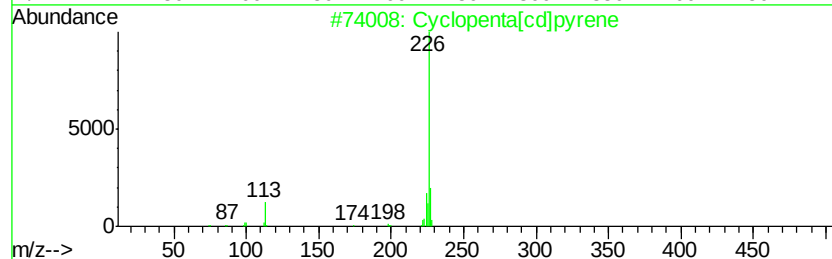
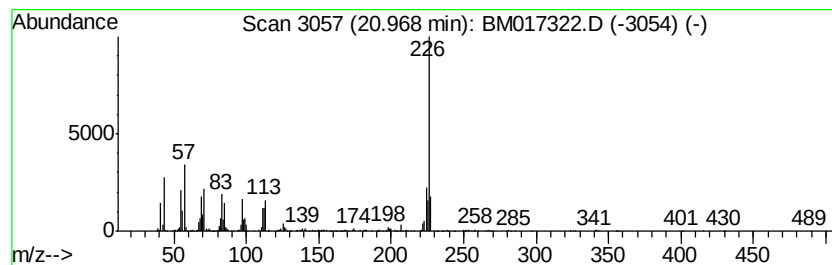
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclopenta[cd]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.35 ng/ul	1037490	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2		Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	49
3		9H-Thioxanthen-9-one, 2-methyl-	226	C14H10O	015774-82-0	47
4		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	43
5		Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	25



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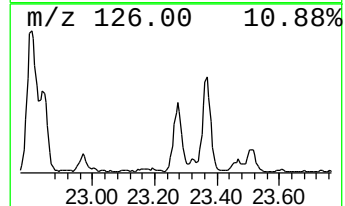
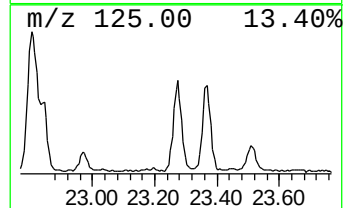
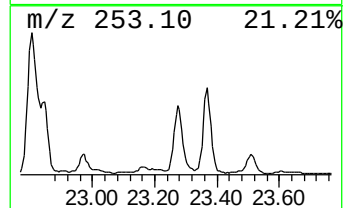
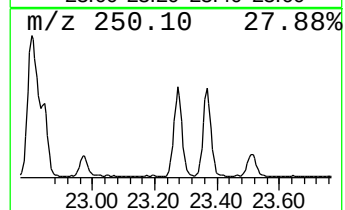
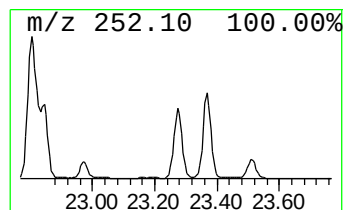
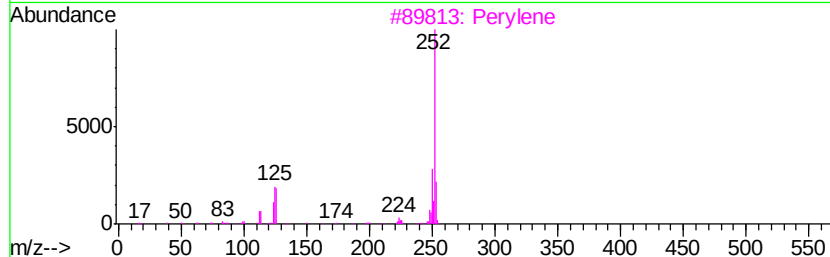
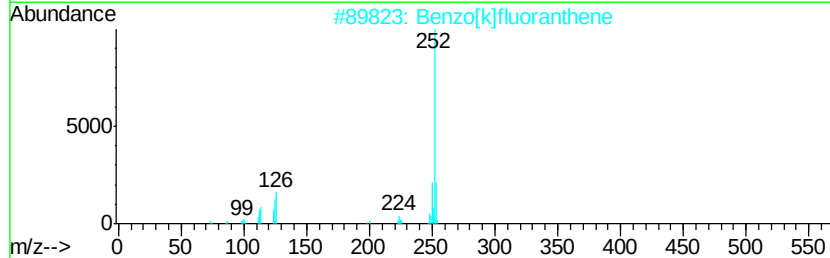
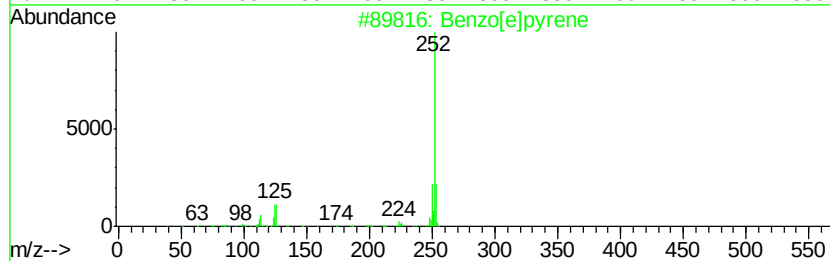
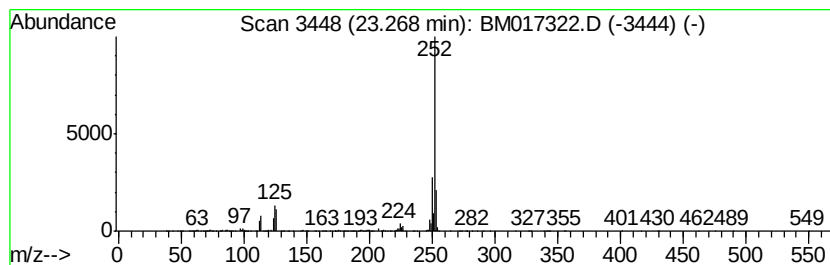
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Peak Number 3 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	5.10 ng/ul	1643700	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	97
4		Benzo[a]pyrene	252	C20H12	000050-32-8	97
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017322.D
Acq On : 24 Oct 2018 18:02
Operator : MJ/SJ
Sample : J5598-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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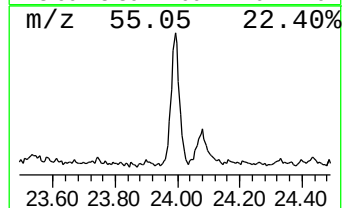
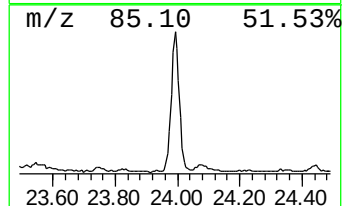
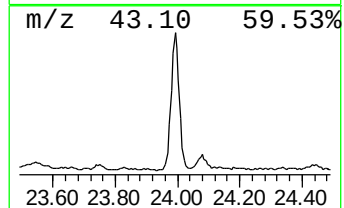
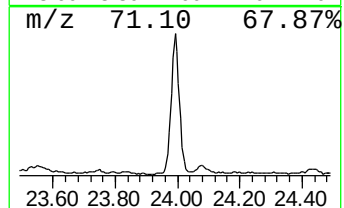
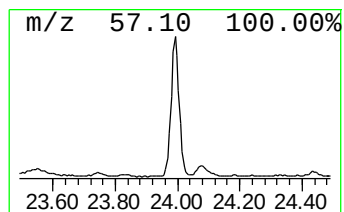
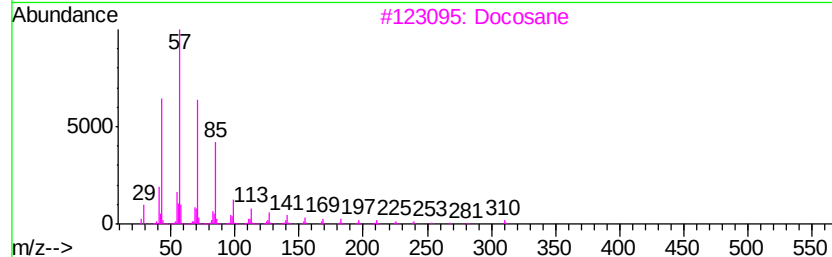
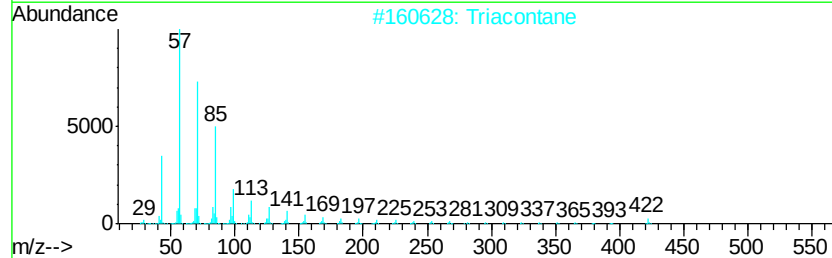
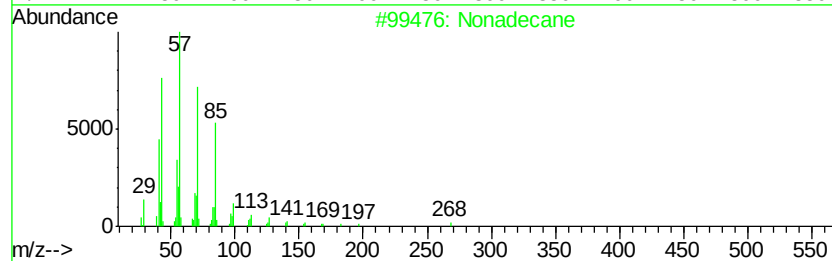
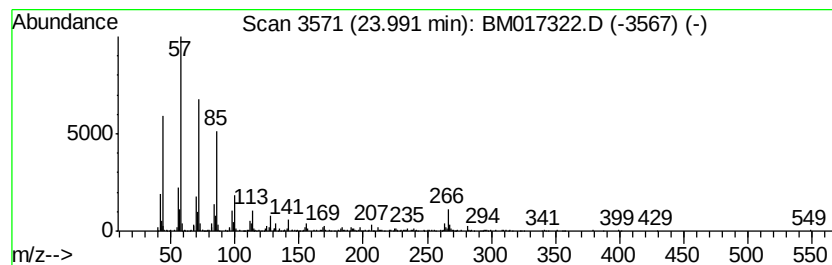
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.31 ng/ul	1067350	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Triacontane	422	C30H62	000638-68-6	87
3		Docosane	310	C22H46	000629-97-0	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017322.D
Acq On : 24 Oct 2018 18:02
Operator : MJ/SJ
Sample : J5598-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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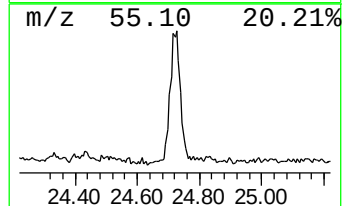
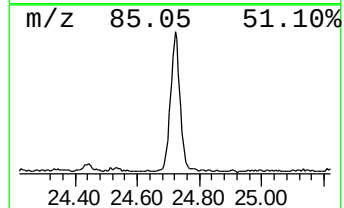
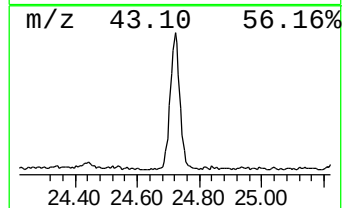
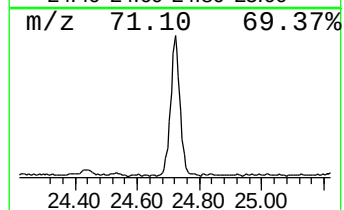
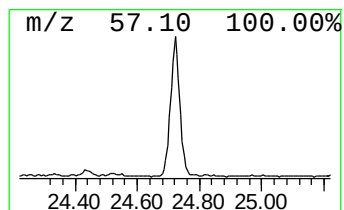
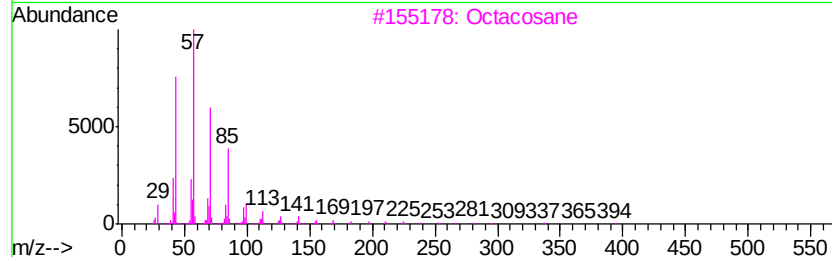
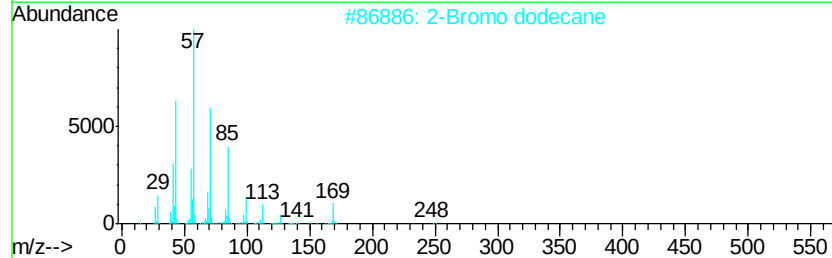
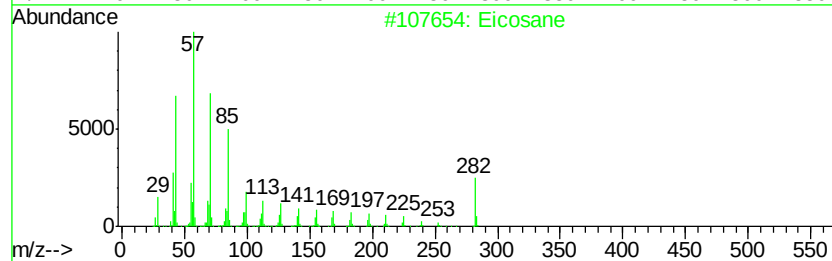
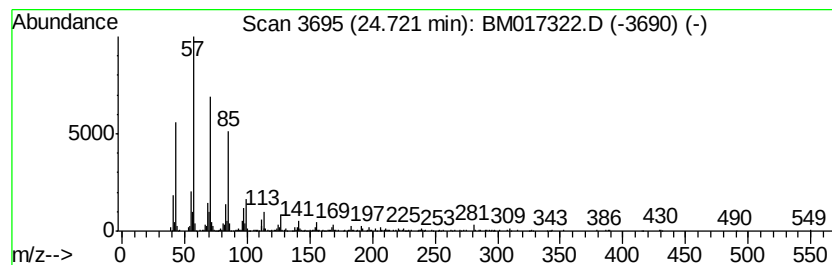
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	3.01 ng/ul	971509	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Octacosane	394	C28H58	000630-02-4	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017322.D
Acq On : 24 Oct 2018 18:02
Operator : MJ/SJ
Sample : J5598-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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	17.96	2.0	ng/ul	464718	4	17.05	4627540	20.0
Cyclopenta[cd]pyrene	20.97	2.4	ng/ul	1037490	5	21.25	8819810	20.0
Benzo[e]pyrene	23.27	5.1	ng/ul	1643700	6	23.47	6449450	20.0
(DEL) Alkane: Str...	23.99	3.3	ng/ul	1067350	6	23.47	6449450	20.0
(DEL) Alkane: Str...	24.72	3.0	ng/ul	971509	6	23.47	6449450	20.0