

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024865.D
 Acq On : 13 Feb 2020 21:02
 Operator : CG/JU
 Sample : L1404-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6N2

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-BM020620MA.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	3.040	22	26	35	rVB	39033	86834	1.25%	0.083%
2	3.522	104	108	115	rBV2	54380	105234	1.51%	0.100%
3	3.728	137	143	149	rVV2	26014	53973	0.78%	0.051%
4	3.940	174	179	186	rVV2	60960	118435	1.70%	0.113%
5	4.334	241	246	254	rBV2	47634	83619	1.20%	0.080%
6	4.599	287	291	298	rBV	49767	87109	1.25%	0.083%
7	6.593	619	630	642	rBV	901756	1587985	22.85%	1.512%
8	6.752	651	657	669	rVB	865049	1375020	19.78%	1.309%
9	6.940	682	689	700	rVB	1132019	1834151	26.39%	1.747%
10	7.399	760	767	777	rBV	1478276	2386937	34.34%	2.273%
11	8.110	880	888	900	rVV	790014	1339731	19.27%	1.276%
12	8.216	900	906	913	rVB	32128	61964	0.89%	0.059%
13	8.534	952	960	972	rBV	980285	1611150	23.18%	1.534%
14	8.722	986	992	1001	rVB2	44800	75888	1.09%	0.072%
15	9.022	1035	1043	1049	rBV	163594	232904	3.35%	0.222%
16	9.246	1073	1081	1091	rBV	846192	1390386	20.00%	1.324%
17	9.781	1165	1172	1186	rBV	1234020	2141467	30.81%	2.039%
18	10.145	1227	1234	1241	rBV	1866297	3124885	44.96%	2.976%
19	10.193	1241	1242	1248	rVV	54577	66774	0.96%	0.064%
20	10.293	1252	1259	1278	rBV	773458	1528818	21.99%	1.456%
21	11.828	1515	1520	1527	rVB2	30524	53307	0.77%	0.051%
22	13.363	1776	1781	1786	rBV3	35375	54093	0.78%	0.052%
23	13.469	1793	1799	1804	rVV	2345490	3181924	45.78%	3.030%
24	13.516	1804	1807	1813	rVB	49491	67643	0.97%	0.064%
25	13.728	1836	1843	1855	rBV	2772636	4089532	58.83%	3.894%
26	13.886	1866	1870	1875	rBV3	30671	61859	0.89%	0.059%
27	14.045	1890	1897	1903	rVV	2712787	4088342	58.82%	3.893%
28	14.104	1903	1907	1913	rVB	97708	140252	2.02%	0.134%
29	14.269	1929	1935	1948	rBV	648538	1205855	17.35%	1.148%
30	14.451	1958	1966	1973	rBV2	67836	147573	2.12%	0.141%
31	15.045	2056	2067	2073	rBV	3416106	4935924	71.01%	4.700%
32	15.104	2073	2077	2084	rVB	114402	174032	2.50%	0.166%
33	15.180	2084	2090	2097	rBV	903885	1307863	18.82%	1.245%
34	15.286	2102	2108	2112	rVV3	48815	113629	1.63%	0.108%

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35	15.404	2124	2128	2134	rVV	41581	68322	0.98%	0.065%
36	15.551	2149	2153	2161	rVV2	32701	68833	0.99%	0.066%
37	16.110	2239	2248	2253	rBV5	27851	69742	1.00%	0.066%
38	16.363	2284	2291	2298	rBV3	129947	247358	3.56%	0.236%
39	16.457	2303	2307	2317	rVB2	57708	118525	1.71%	0.113%
40	16.551	2317	2323	2327	rBV4	35046	78281	1.13%	0.075%
41	16.616	2330	2334	2340	rVB	88803	122170	1.76%	0.116%
42	16.798	2359	2365	2369	rBV	3298622	4628713	66.59%	4.408%
43	16.839	2369	2372	2377	rVB	1402403	1749692	25.17%	1.666%
44	16.898	2377	2382	2386	rBV	3276307	4552606	65.49%	4.335%
45	17.004	2395	2400	2405	rVB8	29646	52955	0.76%	0.050%
46	17.210	2430	2435	2441	rBV	87843	153508	2.21%	0.146%
47	17.386	2461	2465	2470	rVB2	46627	65673	0.94%	0.063%
48	17.674	2506	2514	2519	rBV	203114	334955	4.82%	0.319%
49	17.727	2519	2523	2531	rVV	296693	448344	6.45%	0.427%
50	17.804	2531	2536	2541	rVV	110750	156346	2.25%	0.149%
51	17.869	2541	2547	2551	rVV2	298741	518111	7.45%	0.493%
52	17.910	2551	2554	2559	rVB	151624	200148	2.88%	0.191%
53	18.033	2565	2575	2580	rBV5	71823	176018	2.53%	0.168%
54	18.186	2596	2601	2605	rVV	172948	265679	3.82%	0.253%
55	18.216	2605	2606	2613	rVB4	45827	69517	1.00%	0.066%
56	18.439	2640	2644	2648	rVV2	77808	124775	1.80%	0.119%
57	18.492	2649	2653	2655	rVV	71322	98324	1.41%	0.094%
58	18.527	2656	2659	2663	rVB2	60249	75576	1.09%	0.072%
59	18.610	2668	2673	2678	rVV	182037	286248	4.12%	0.273%
60	18.674	2678	2684	2686	rVV3	83004	158156	2.28%	0.151%
61	18.698	2686	2688	2692	rVB2	68980	83674	1.20%	0.080%
62	18.745	2692	2696	2704	rBV3	118956	233534	3.36%	0.222%
63	18.868	2708	2717	2724	rBV	2516329	3393932	48.83%	3.232%
64	19.027	2740	2744	2748	rBV2	33998	53208	0.77%	0.051%
65	19.115	2756	2759	2765	rVB2	68326	109019	1.57%	0.104%
66	19.204	2769	2774	2777	rBV	4610116	6637703	95.49%	6.321%
67	19.233	2777	2779	2784	rVB	2333128	2495029	35.89%	2.376%
68	19.315	2789	2793	2801	rVB2	102111	204891	2.95%	0.195%
69	19.421	2807	2811	2815	rBV	125133	163586	2.35%	0.156%
70	19.574	2831	2837	2843	rBV4	163454	371149	5.34%	0.353%
71	19.710	2855	2860	2862	rVV2	153279	263004	3.78%	0.250%

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72	19.739	2862	2865	2870	rVB	290527	429102	6.17%	0.409%
73	19.845	2880	2883	2887	rVB2	166237	197917	2.85%	0.188%
74	19.898	2887	2892	2897	rBV2	287752	434533	6.25%	0.414%
75	20.039	2912	2916	2920	rBV	178525	228705	3.29%	0.218%
76	20.086	2920	2924	2929	rBV	156341	233265	3.36%	0.222%
77	20.492	2990	2993	3000	rVB	215203	307272	4.42%	0.293%
78	20.657	3018	3021	3025	rVB2	182346	219432	3.16%	0.209%
79	20.698	3025	3028	3031	rBV	197785	233649	3.36%	0.222%
80	20.727	3031	3033	3037	rVV	148315	191442	2.75%	0.182%
81	20.768	3037	3040	3052	rVB4	683711	1180016	16.98%	1.124%
82	21.009	3075	3081	3085	rBV2	4271776	6951085	100.00%	6.619%
83	21.051	3085	3088	3096	rVB	1258397	1677317	24.13%	1.597%
84	21.162	3105	3107	3111	rBV	133794	133487	1.92%	0.127%
85	21.221	3114	3117	3122	rBV3	177385	213403	3.07%	0.203%
86	21.551	3171	3173	3177	rVB	265249	286401	4.12%	0.273%
87	21.639	3185	3188	3193	rBV2	419665	575216	8.28%	0.548%
88	22.074	3259	3262	3267	rVB	376445	462368	6.65%	0.440%
89	22.280	3294	3297	3304	rVB4	303265	432349	6.22%	0.412%
90	22.498	3329	3334	3339	rBV	1250880	2639155	37.97%	2.513%
91	22.545	3339	3342	3345	rVV2	1188904	1720817	24.76%	1.639%
92	22.580	3345	3348	3357	rVB2	620606	893901	12.86%	0.851%
93	22.939	3404	3409	3412	rBV	631413	1077647	15.50%	1.026%
94	22.986	3412	3417	3421	rVV	3141452	5381442	77.42%	5.124%
95	23.021	3421	3423	3428	rVB	828541	1083943	15.59%	1.032%
96	23.068	3428	3431	3434	rBV	376349	531636	7.65%	0.506%
97	23.115	3434	3439	3444	rVB	2766823	4426994	63.69%	4.215%
98	23.662	3527	3532	3538	rVB	929921	1621091	23.32%	1.544%
99	23.733	3540	3544	3554	rVB2	356160	625009	8.99%	0.595%
100	25.150	3778	3785	3795	rVB3	980606	2816713	40.52%	2.682%

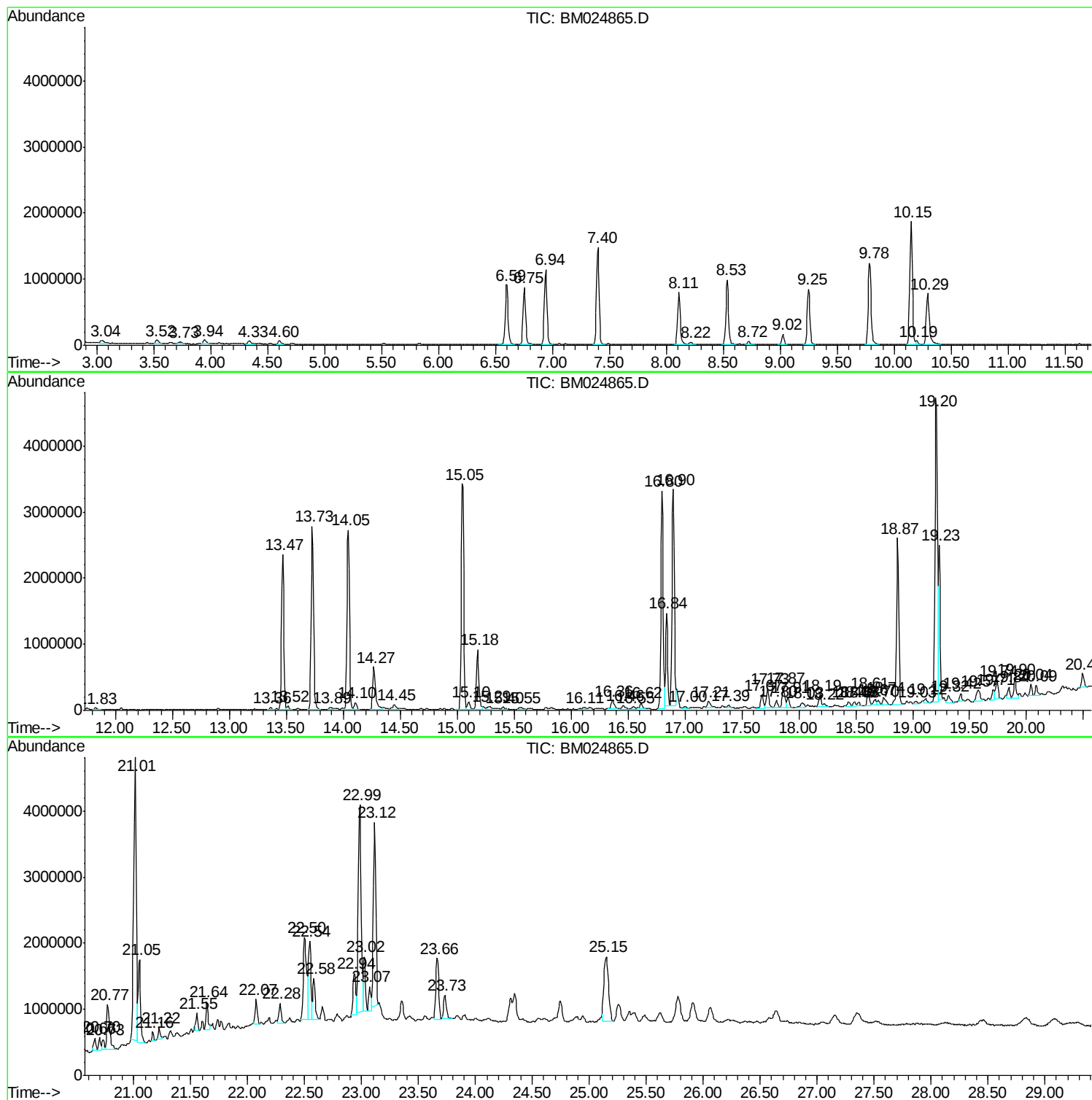
Sum of corrected areas: 105017703

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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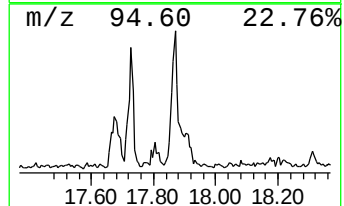
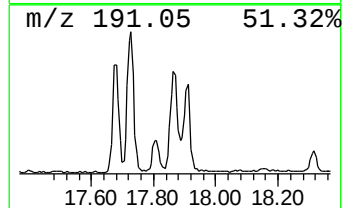
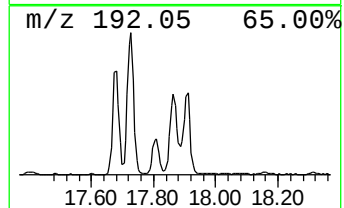
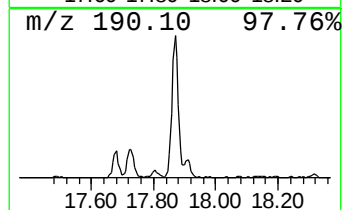
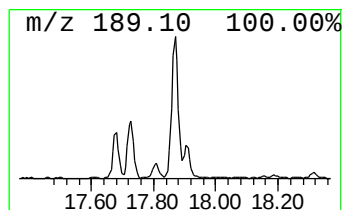
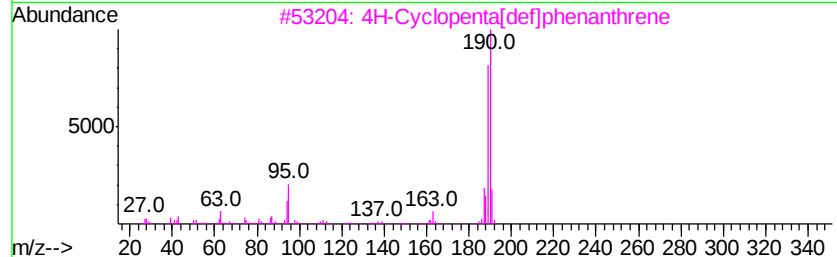
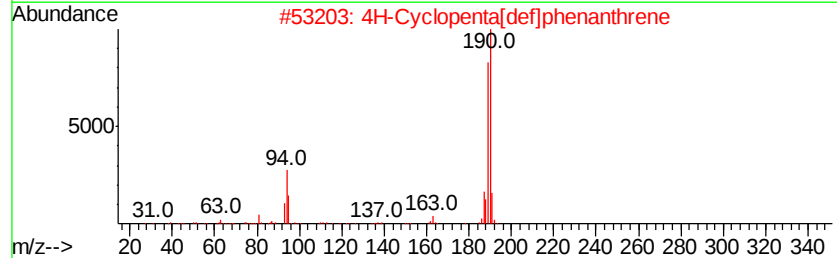
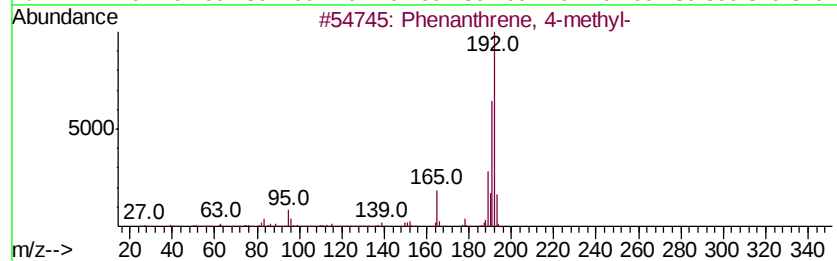
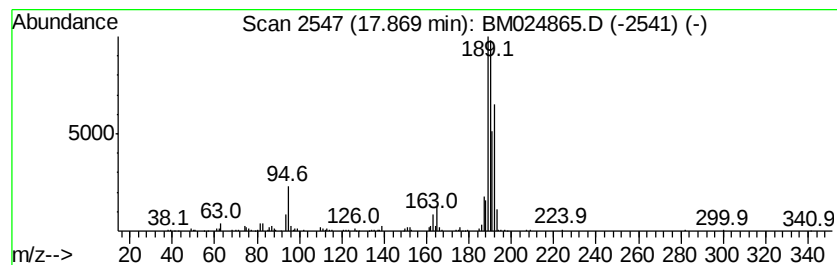
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.87	2.24 ng/ul	518111	Phenanthrene-d10		16.80		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4			6H-Cyclobuta[fik]phenanthrene	190	C15H10	083469-43-6	58
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



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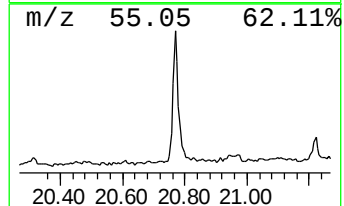
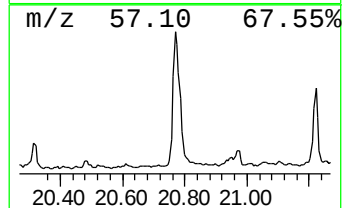
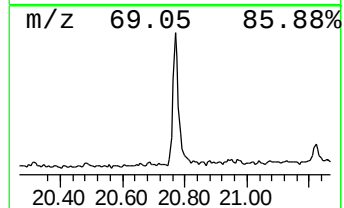
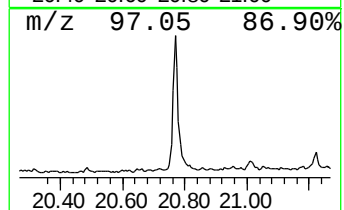
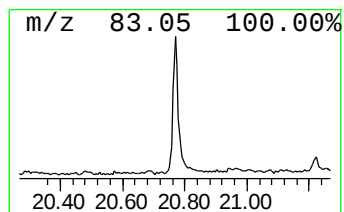
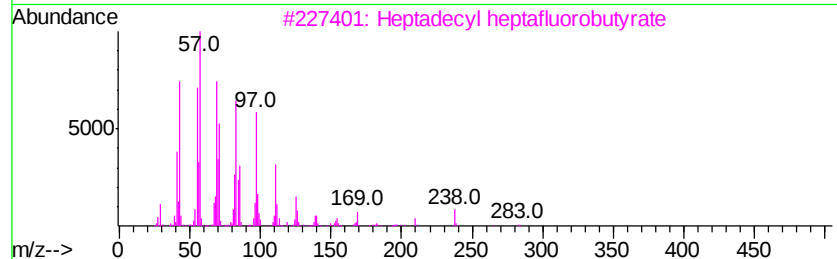
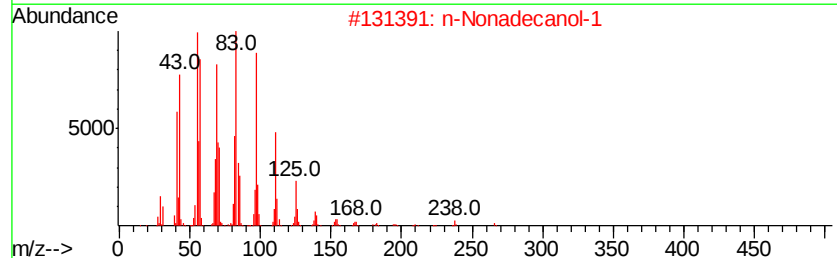
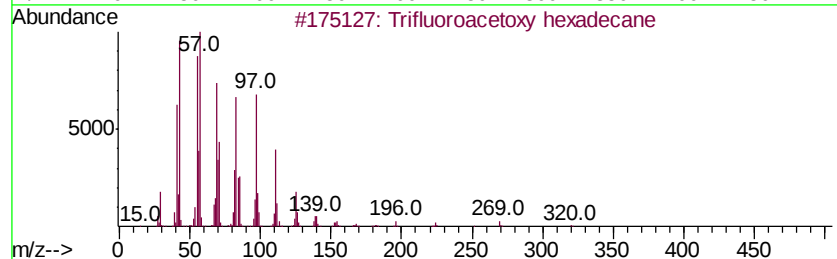
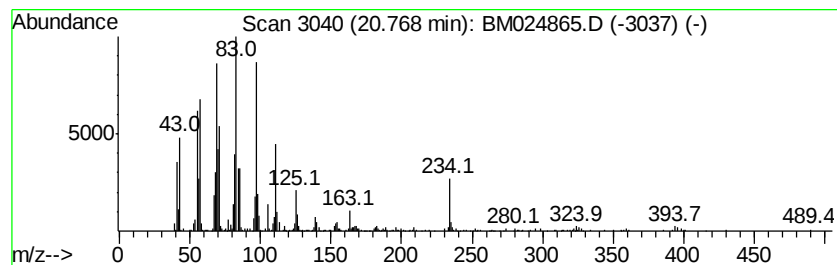
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.77	3.40 ng/ul	1180020	Chrysene-d12	21.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	87
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	86



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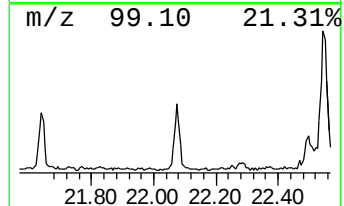
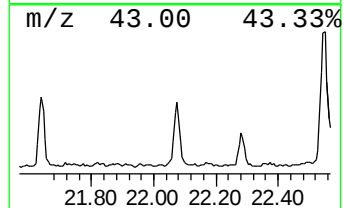
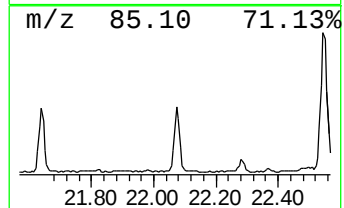
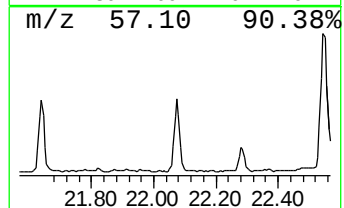
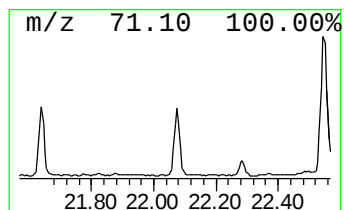
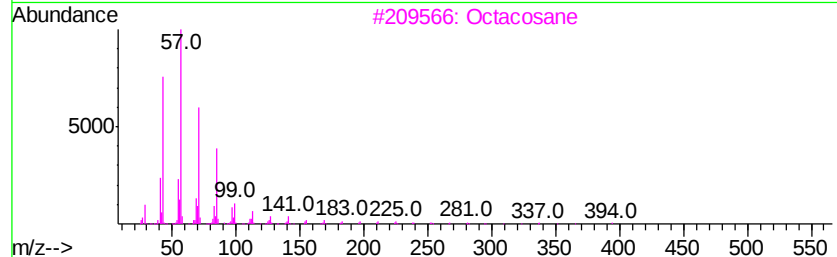
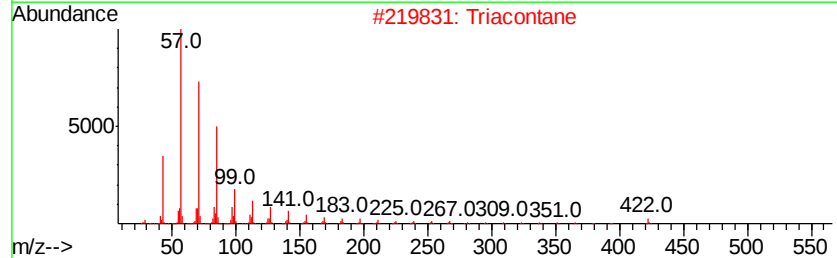
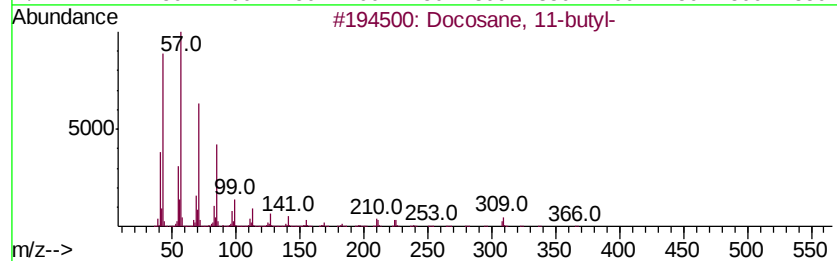
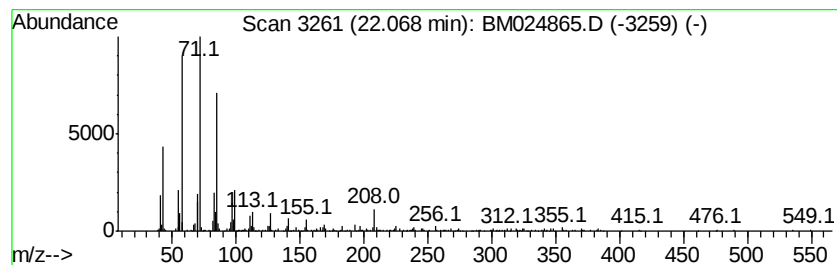
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	2.09 ng/ul	462368	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
2		Triacontane	422	C30H62	000638-68-6	90
3		Octacosane	394	C28H58	000630-02-4	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	83
5		Hexacosane	366	C26H54	000630-01-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024865.D
Acq On : 13 Feb 2020 21:02
Operator : CG/JU
Sample : L1404-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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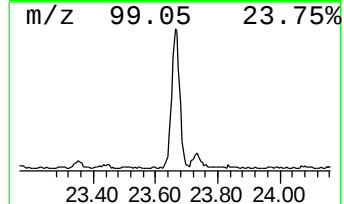
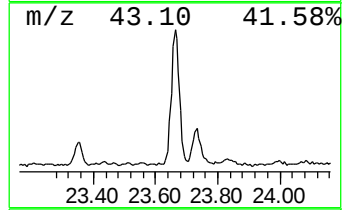
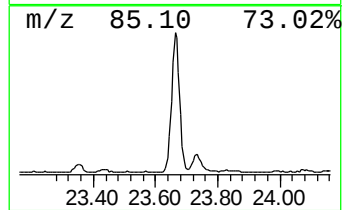
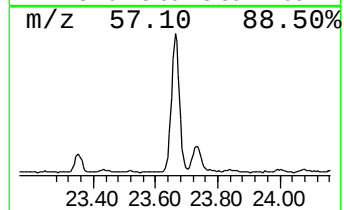
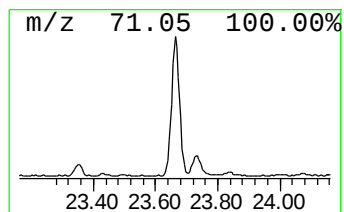
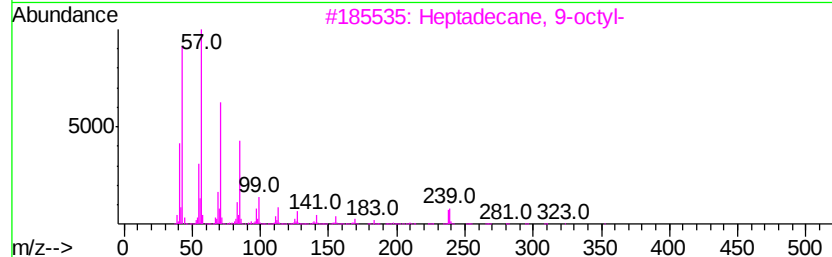
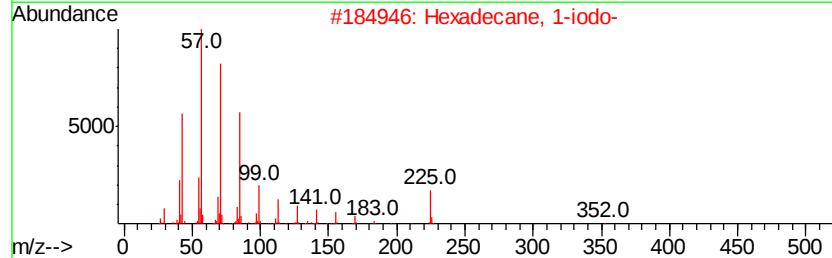
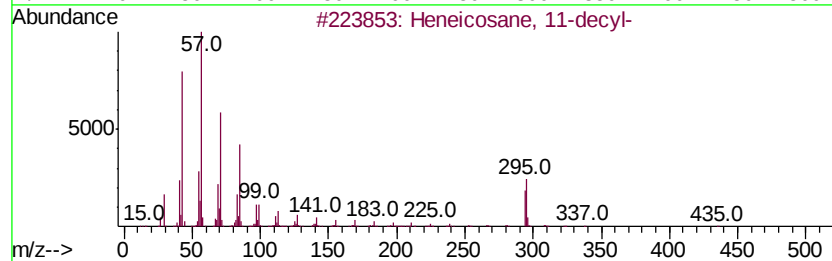
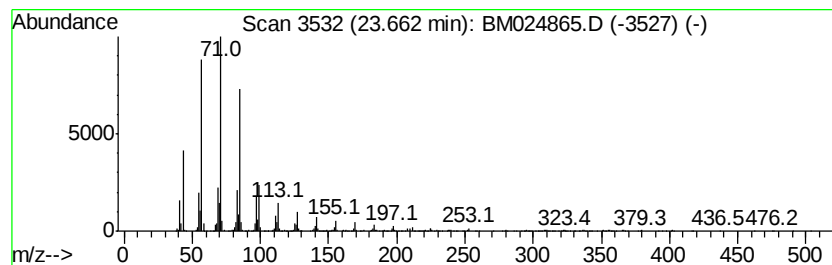
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
23.66	7.32 ng/ul	1621090	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024865.D
Acq On : 13 Feb 2020 21:02
Operator : CG/JU
Sample : L1404-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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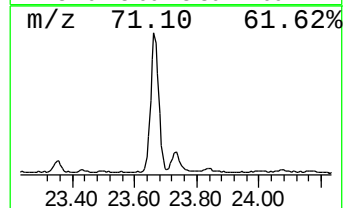
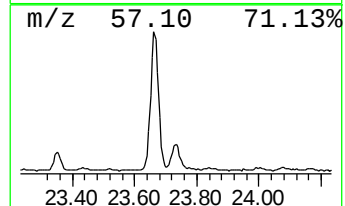
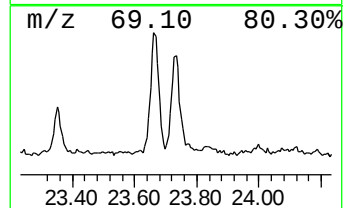
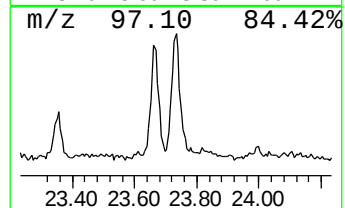
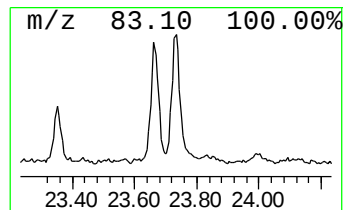
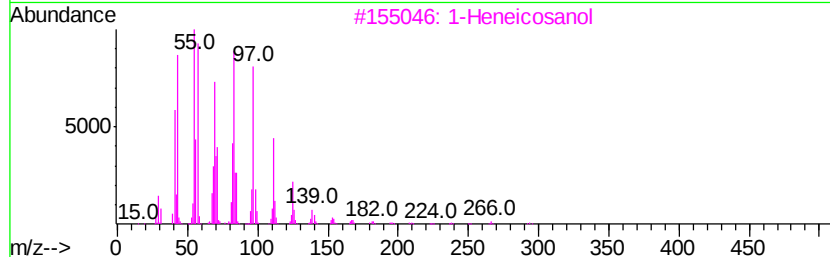
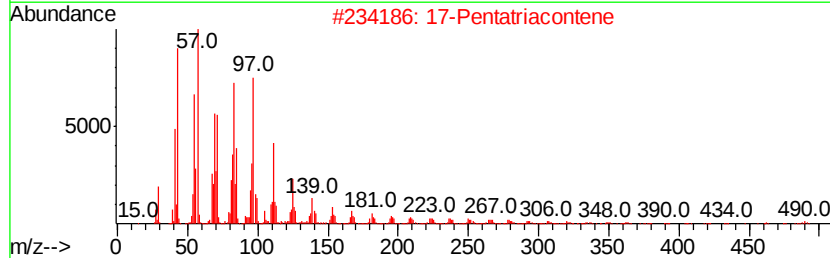
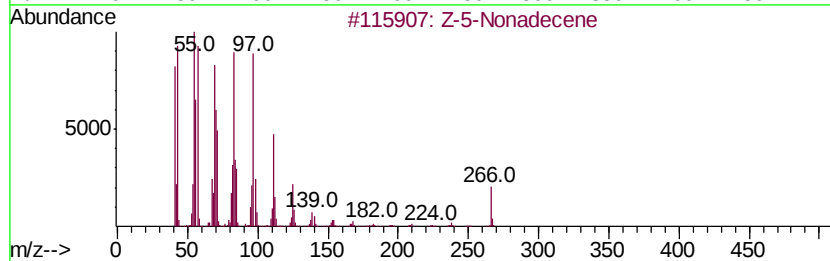
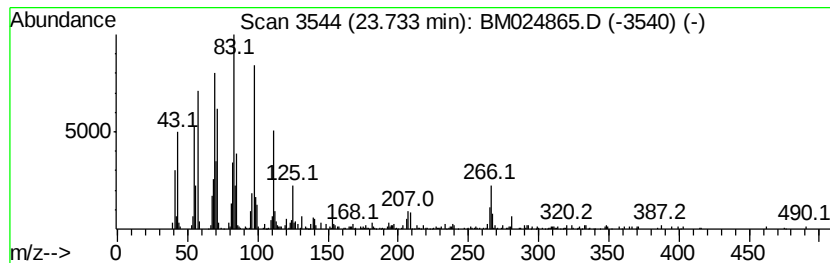
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
23.73	2.82 ng/ul	625009	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-5-Nonadecene	266	C19H38	1000131-11-8	83
2		17-Pentatriacontene	491	C35H70	006971-40-0	83
3		1-Heneicosanol	312	C21H44O	015594-90-8	80
4		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	64
5		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021320\
Data File : BM024865.D
Acq On : 13 Feb 2020 21:02
Operator : CG/JU
Sample : L1404-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 4-m...	17.87	2.2	ng/ul	518111	4	16.80	4628710	20.0
Trifluoroacetoxy ...	20.77	3.4	ng/ul	1180020	5	21.02	6951090	20.0
(DEL) Alkane: Str...	22.07	2.1	ng/ul	462368	6	23.12	4426990	20.0
(DEL) Alkane: Str...	23.66	7.3	ng/ul	1621090	6	23.12	4426990	20.0
(DEL) Alkane: Str...	23.73	2.8	ng/ul	625009	6	23.12	4426990	20.0