

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
 Data File : BM024845.D
 Acq On : 11 Feb 2020 21:40
 Operator : CG/JU
 Sample : L1405-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6P7

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	3.016	18	22	29	rVB	50221	68874	1.12%	0.083%
2	3.628	121	126	131	rVB	21946	35098	0.57%	0.042%
3	3.710	136	140	143	rVV	38035	48607	0.79%	0.059%
4	3.928	172	177	183	rBV	35486	49720	0.81%	0.060%
5	4.322	239	244	251	rBV2	19562	34022	0.55%	0.041%
6	4.587	285	289	298	rBV	51170	84385	1.37%	0.102%
7	6.598	621	631	643	rBV	752184	1202167	19.52%	1.455%
8	6.751	651	657	667	rBV	640208	972952	15.80%	1.178%
9	6.939	683	689	701	rBV	876999	1362738	22.13%	1.650%
10	7.398	760	767	779	rBV	1138290	1740745	28.27%	2.107%
11	8.116	882	889	899	rBV	956092	1539285	25.00%	1.863%
12	8.539	954	961	975	rBV	746073	1235699	20.07%	1.496%
13	8.728	988	993	1000	rVB4	25286	39092	0.63%	0.047%
14	9.033	1039	1045	1052	rVB	42269	60309	0.98%	0.073%
15	9.251	1076	1082	1092	rBV	651961	1071651	17.40%	1.297%
16	9.792	1167	1174	1185	rBV	1024449	1753015	28.47%	2.122%
17	10.157	1229	1236	1242	rBV	1481004	2408012	39.10%	2.915%
18	10.204	1242	1244	1251	rVB	33293	50329	0.82%	0.061%
19	10.298	1253	1260	1270	rBV	900790	1559572	25.33%	1.888%
20	11.833	1516	1521	1529	rVB	22546	36744	0.60%	0.044%
21	12.063	1554	1560	1568	rVB	19482	35055	0.57%	0.042%
22	13.374	1778	1783	1788	rBV3	25150	44722	0.73%	0.054%
23	13.474	1795	1800	1806	rVV	1838342	2587384	42.02%	3.132%
24	13.521	1806	1808	1812	rVB	30830	38430	0.62%	0.047%
25	13.739	1838	1845	1857	rBV	2168233	3208600	52.10%	3.884%
26	14.051	1892	1898	1905	rVV	2314847	3342069	54.27%	4.046%
27	14.116	1905	1909	1914	rVV	105636	147745	2.40%	0.179%
28	14.274	1930	1936	1949	rBV	539227	962946	15.64%	1.166%
29	14.457	1963	1967	1974	rBV	56328	97497	1.58%	0.118%
30	15.057	2062	2069	2075	rBV	2870175	3923175	63.71%	4.749%
31	15.110	2075	2078	2084	rVB2	124144	168272	2.73%	0.204%
32	15.186	2086	2091	2099	rBV	738833	1033409	16.78%	1.251%
33	15.410	2125	2129	2136	rVB	39713	56474	0.92%	0.068%
34	15.557	2150	2154	2161	rVV	36422	70484	1.14%	0.085%

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35	15.845	2197	2203	2208	rVB6	16446	45023	0.73%	0.055%
36	16.121	2241	2250	2255	rBV5	23603	52720	0.86%	0.064%
37	16.168	2255	2258	2265	rVB6	18872	32526	0.53%	0.039%
38	16.357	2287	2290	2293	rVV4	23522	33821	0.55%	0.041%
39	16.398	2293	2297	2300	rVV5	25696	39844	0.65%	0.048%
40	16.468	2304	2309	2317	rVB2	41391	87969	1.43%	0.106%
41	16.557	2317	2324	2329	rBV4	34892	85306	1.39%	0.103%
42	16.627	2331	2336	2341	rVB	73291	101309	1.65%	0.123%
43	16.804	2360	2366	2370	rBV	2650557	3798833	61.69%	4.599%
44	16.851	2370	2374	2378	rVV	1434164	1984451	32.22%	2.402%
45	16.904	2378	2383	2388	rVV2	2959235	4268107	69.31%	5.167%
46	16.939	2388	2389	2397	rVV	312575	280601	4.56%	0.340%
47	17.009	2397	2401	2407	rVB6	22001	31831	0.52%	0.039%
48	17.215	2432	2436	2441	rVV	84082	121329	1.97%	0.147%
49	17.339	2454	2457	2460	rVV	28173	41685	0.68%	0.050%
50	17.392	2463	2466	2472	rVB6	31003	48042	0.78%	0.058%
51	17.686	2511	2516	2520	rBV	180121	251424	4.08%	0.304%
52	17.733	2520	2524	2532	rVB	260917	362964	5.89%	0.439%
53	17.815	2532	2538	2542	rBV	77710	111793	1.82%	0.135%
54	17.874	2542	2548	2552	rBV2	270022	441737	7.17%	0.535%
55	17.915	2552	2555	2560	rVB	130469	168243	2.73%	0.204%
56	18.051	2572	2578	2582	rVB5	24857	44791	0.73%	0.054%
57	18.192	2598	2602	2607	rBV	134128	190577	3.09%	0.231%
58	18.445	2638	2645	2649	rBV	55534	89557	1.45%	0.108%
59	18.498	2650	2654	2657	rVV	47512	70931	1.15%	0.086%
60	18.533	2657	2660	2664	rVB	45745	62926	1.02%	0.076%
61	18.621	2670	2675	2680	rBV	124856	196574	3.19%	0.238%
62	18.674	2680	2684	2688	rBV2	60178	116704	1.90%	0.141%
63	18.756	2694	2698	2707	rVB4	80659	161199	2.62%	0.195%
64	18.874	2710	2718	2728	rVV	2251213	3080079	50.02%	3.729%
65	18.956	2728	2732	2734	rVV2	43081	54774	0.89%	0.066%
66	18.992	2735	2738	2742	rVV3	30954	40111	0.65%	0.049%
67	19.121	2758	2760	2765	rVB2	59128	72285	1.17%	0.088%
68	19.215	2770	2776	2779	rVV	4054921	6158202	100.00%	7.455%
69	19.239	2779	2780	2785	rVV	2019141	1820799	29.57%	2.204%
70	19.280	2785	2787	2790	rVV3	60403	73289	1.19%	0.089%
71	19.321	2790	2794	2801	rVB2	92836	174685	2.84%	0.211%

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72	19.427	2808	2812	2816	rBV	129746	174862	2.84%	0.212%
73	19.586	2832	2839	2849	rBV4	144046	341237	5.54%	0.413%
74	19.709	2857	2860	2863	rBV3	108602	178968	2.91%	0.217%
75	19.750	2863	2867	2871	rVB	256549	364759	5.92%	0.442%
76	19.827	2876	2880	2881	rBV	47631	62530	1.02%	0.076%
77	19.850	2881	2884	2887	rVB	162370	184702	3.00%	0.224%
78	19.903	2888	2893	2898	rBV2	221400	369427	6.00%	0.447%
79	19.992	2905	2908	2913	rBV3	40415	68615	1.11%	0.083%
80	20.045	2913	2917	2921	rVB	123595	147758	2.40%	0.179%
81	20.092	2921	2925	2930	rBV2	126520	214481	3.48%	0.260%
82	20.321	2961	2964	2972	rBV5	88062	148271	2.41%	0.179%
83	20.497	2991	2994	3000	rBV	119626	177850	2.89%	0.215%
84	20.662	3018	3022	3026	rVB2	134662	183223	2.98%	0.222%
85	20.703	3026	3029	3032	rBV	173145	188117	3.05%	0.228%
86	20.733	3032	3034	3038	rVV	120187	142105	2.31%	0.172%
87	20.780	3038	3042	3052	rVB4	323850	661217	10.74%	0.800%
88	21.015	3075	3082	3086	rBV2	3758234	5933810	96.36%	7.184%
89	21.056	3086	3089	3098	rVB	1040514	1333332	21.65%	1.614%
90	21.221	3114	3117	3122	rBV	208464	274524	4.46%	0.332%
91	21.644	3185	3189	3195	rBV2	359577	488687	7.94%	0.592%
92	22.074	3259	3262	3267	rVB	409459	496039	8.05%	0.601%
93	22.503	3330	3335	3339	rBV	973638	1909507	31.01%	2.312%
94	22.544	3339	3342	3346	rVB2	864085	1254340	20.37%	1.519%
95	22.944	3405	3410	3412	rBV	463043	739348	12.01%	0.895%
96	22.986	3412	3417	3422	rVV	2748637	4795479	77.87%	5.805%
97	23.027	3422	3424	3428	rVV	650474	820054	13.32%	0.993%
98	23.074	3429	3432	3434	rVV	360620	456301	7.41%	0.552%
99	23.121	3434	3440	3445	rVB	2231535	3743036	60.78%	4.531%
100	23.668	3529	3533	3539	rVB	553315	883729	14.35%	1.070%

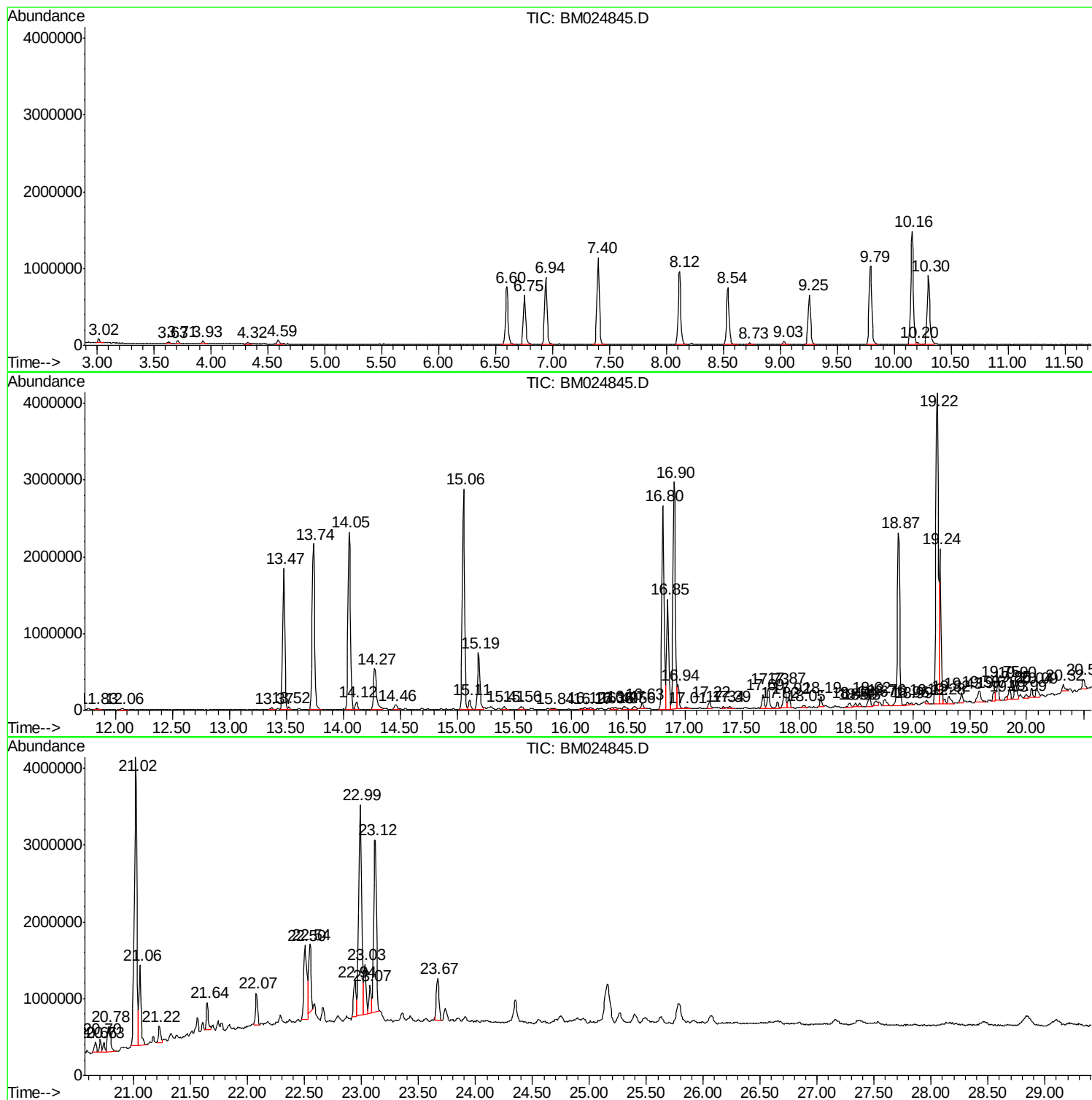
Sum of corrected areas: 82602627

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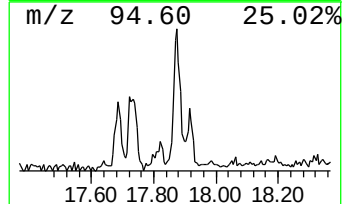
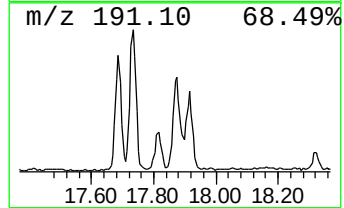
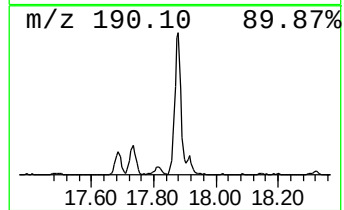
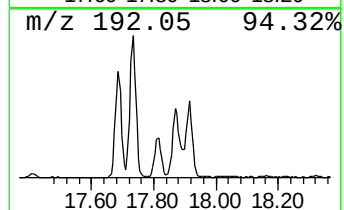
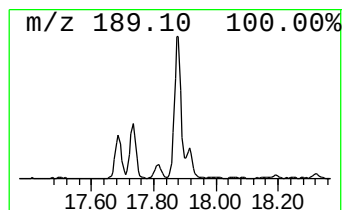
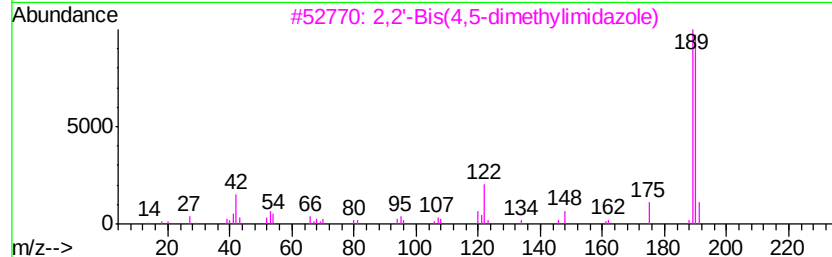
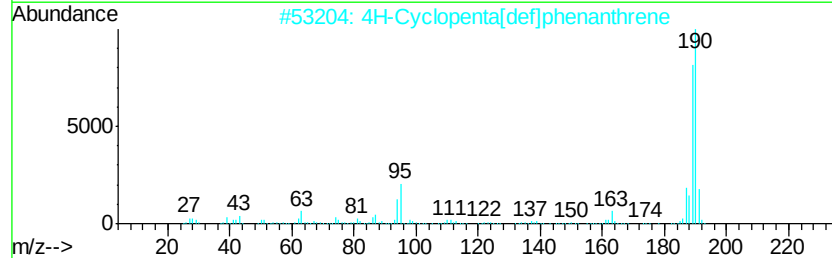
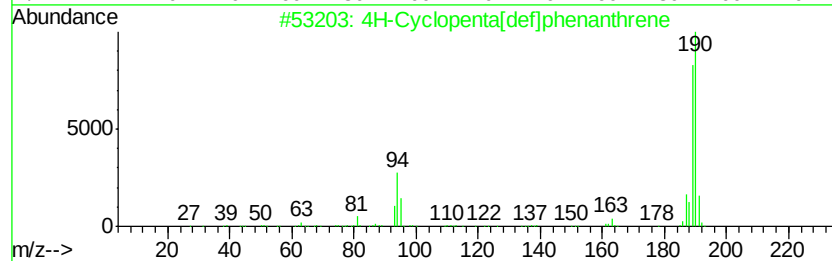
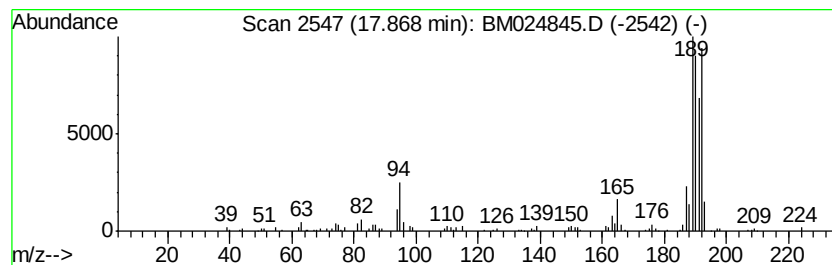
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	2.33 ng/ul	441737	Phenanthrene-d10	16.80		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70	
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60	
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38	
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38	
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35	



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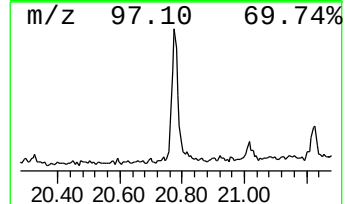
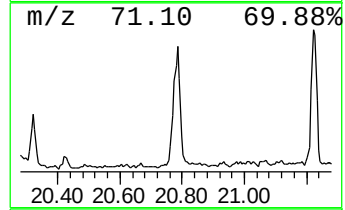
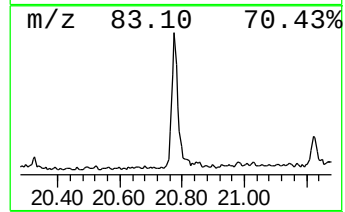
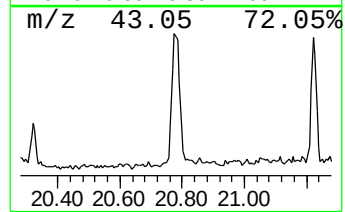
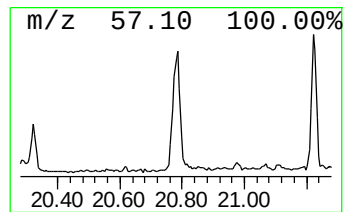
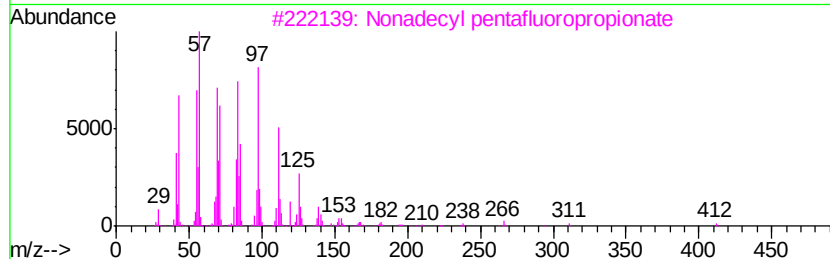
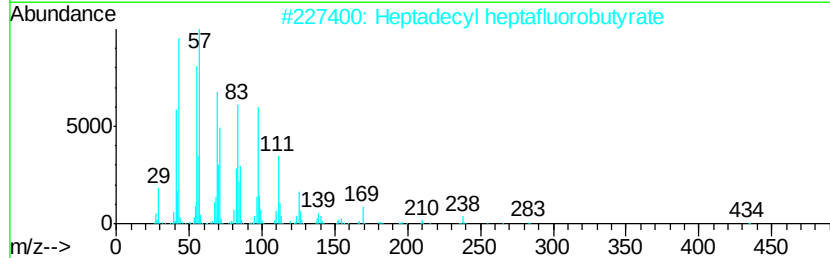
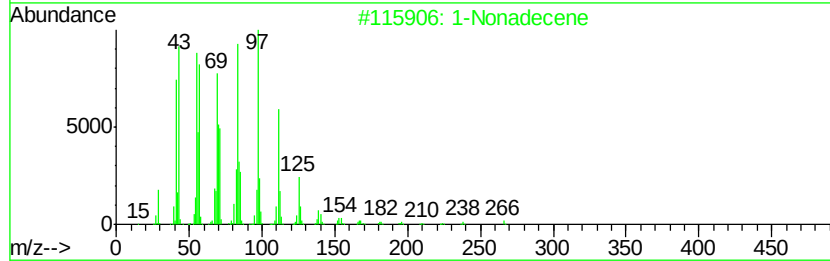
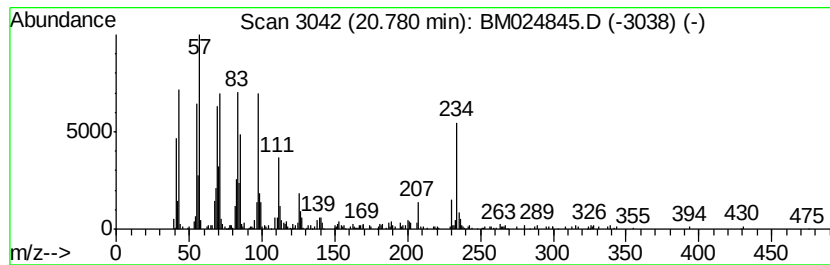
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.		
20.78	2.23 ng/ul	661217	Chrysene-d12		21.02		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	97
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70
3			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	70
4			Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	70
5			1-Docosene	308	C22H44	001599-67-3	70



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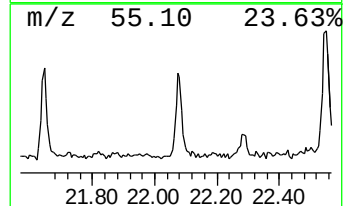
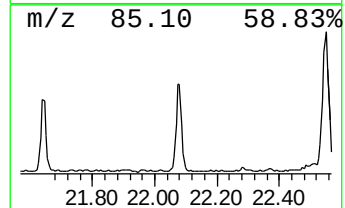
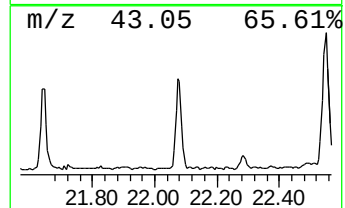
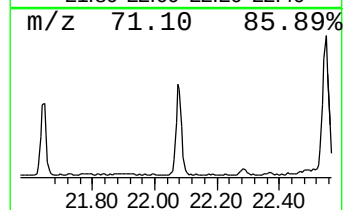
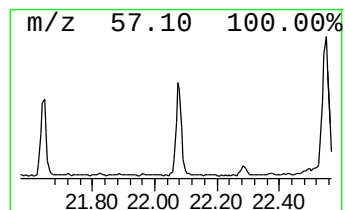
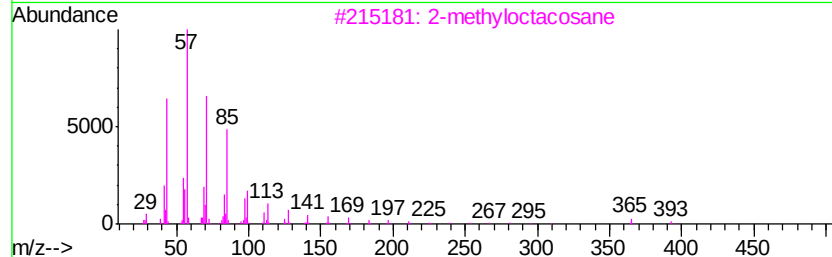
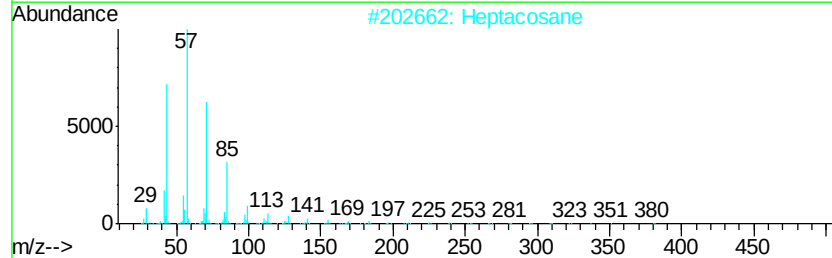
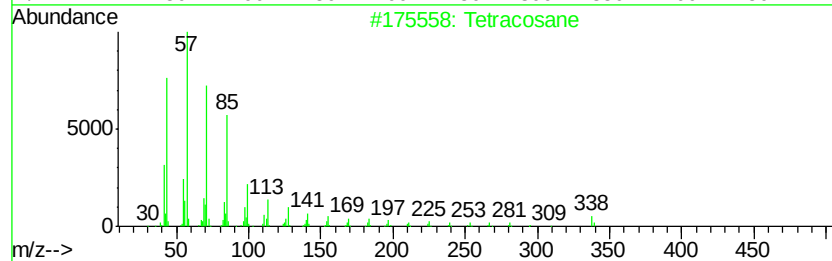
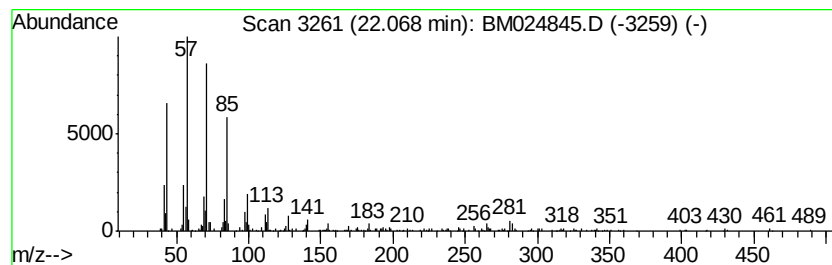
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	2.65 ng/ul	496039	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heptacosane	380	C27H56	000593-49-7	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Heneicosane	296	C21H44	000629-94-7	90



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Acq On : 11 Feb 2020 21:40
Operator : CG/JU
Sample : L1405-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CB6P7

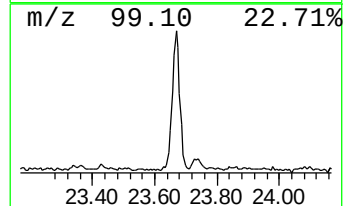
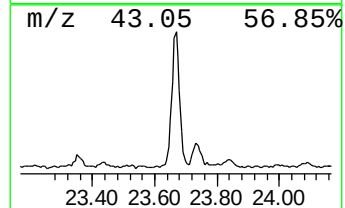
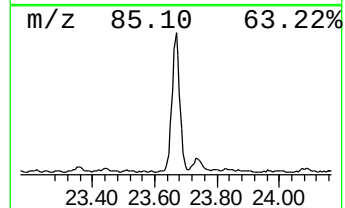
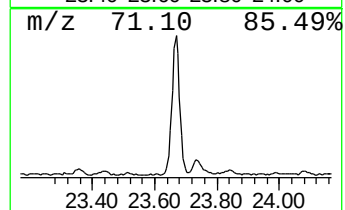
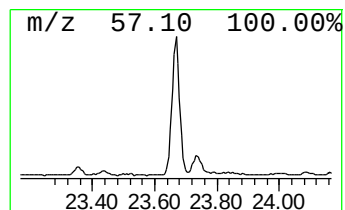
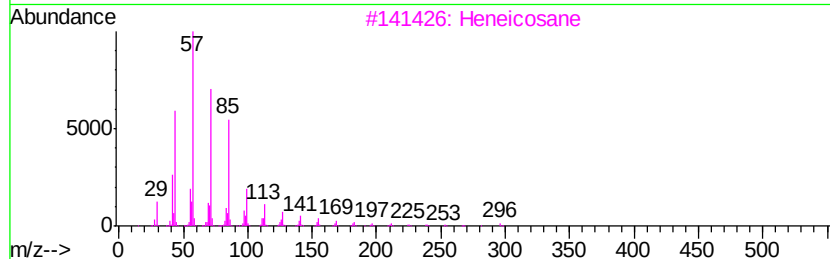
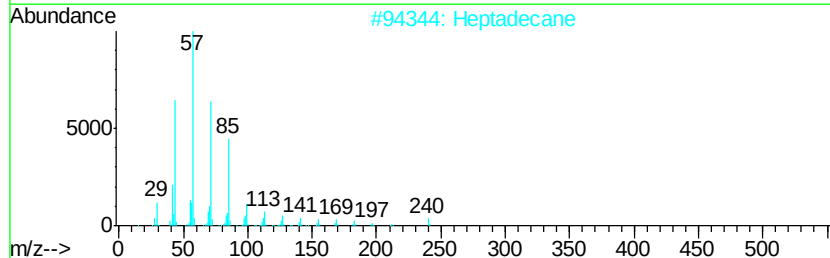
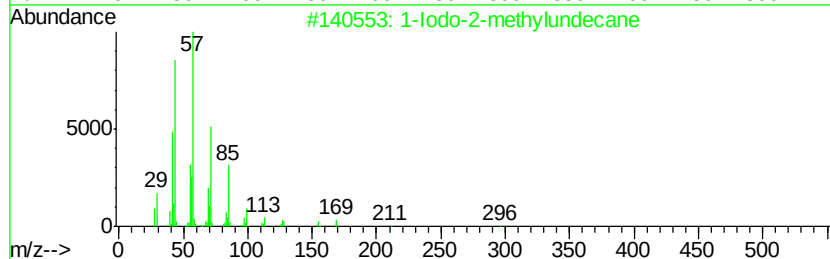
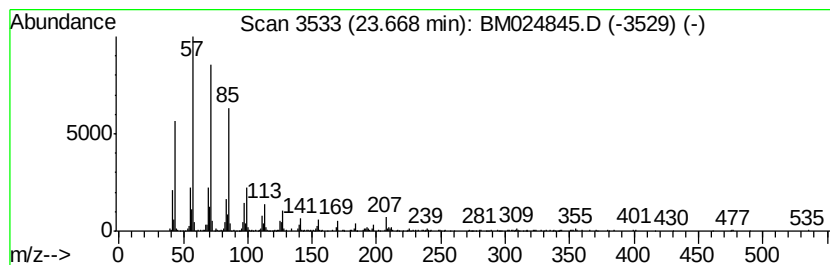
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Iodo-2-methylundecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	4.72 ng/ul	883729	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
2		Heptadecane	240	C17H36	000629-78-7	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021120\
Data File : BM024845.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6P7

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
4H-Cyclopenta[def...	17.87	2.3	ng/ul	441737	4	16.80	3798830	20.0
(DEL) Alkane: Str...	20.78	2.2	ng/ul	661217	5	21.02	5933810	20.0
(DEL) Alkane: Str...	22.07	2.6	ng/ul	496039	6	23.12	3743040	20.0
1-Iodo-2-methylun...	23.67	4.7	ng/ul	883729	6	23.12	3743040	20.0