

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024874.D
 Acq On : 14 Feb 2020 03:21
 Operator : CG/JU
 Sample : L1404-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6P0

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	36	rVB	48732	111393	1.51%	0.109%
2	3.523	105	108	114	rVB2	24949	43307	0.59%	0.043%
3	3.723	138	142	150	rVB	48048	95373	1.29%	0.094%
4	3.940	175	179	185	rVB2	27252	48312	0.65%	0.047%
5	4.599	287	291	301	rVB	50033	94950	1.28%	0.093%
6	6.593	619	630	640	rBV	1089601	1823371	24.67%	1.789%
7	6.752	650	657	670	rVB	976660	1563008	21.15%	1.534%
8	6.934	682	688	697	rBV	1260136	2068750	28.00%	2.030%
9	7.393	760	766	776	rBV	1492646	2385775	32.29%	2.341%
10	8.105	880	887	900	rBV	1194546	1962210	26.55%	1.926%
11	8.205	900	904	913	rVB	30005	56621	0.77%	0.056%
12	8.534	951	960	975	rBV	1072979	1826655	24.72%	1.793%
13	8.722	987	992	997	rVB4	36458	57601	0.78%	0.057%
14	9.022	1036	1043	1050	rBV	158351	237311	3.21%	0.233%
15	9.246	1072	1081	1090	rBV	938424	1551290	20.99%	1.522%
16	9.781	1165	1172	1187	rBV	1474613	2474463	33.49%	2.428%
17	10.146	1226	1234	1240	rBV	1916594	3117922	42.19%	3.060%
18	10.193	1240	1242	1249	rVB	48783	73968	1.00%	0.073%
19	10.293	1252	1259	1278	rBV	1069962	2075763	28.09%	2.037%
20	11.751	1501	1507	1514	rVB2	28655	55120	0.75%	0.054%
21	11.822	1514	1519	1527	rBV2	34339	60744	0.82%	0.060%
22	12.045	1552	1557	1563	rBV	31425	49983	0.68%	0.049%
23	12.969	1707	1714	1719	rBV2	47509	72690	0.98%	0.071%
24	13.216	1749	1756	1766	rBV7	16737	44876	0.61%	0.044%
25	13.357	1775	1780	1786	rBV3	33463	60660	0.82%	0.060%
26	13.469	1793	1799	1805	rVV	2585338	3554562	48.10%	3.488%
27	13.728	1835	1843	1856	rBV	3175013	4565202	61.78%	4.480%
28	13.887	1865	1870	1879	rBV2	36669	81077	1.10%	0.080%
29	14.039	1890	1896	1903	rVV	2741773	4102692	55.52%	4.026%
30	14.104	1903	1907	1912	rVV	75161	113275	1.53%	0.111%
31	14.269	1928	1935	1948	rBV	702221	1329214	17.99%	1.304%
32	14.451	1957	1966	1970	rBV3	67348	130945	1.77%	0.129%
33	15.045	2057	2067	2073	rBV	4023292	5505009	74.50%	5.403%
34	15.104	2073	2077	2083	rVB	112115	170419	2.31%	0.167%

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35	15.181	2083	2090	2102	rBV	1019209	1545184	20.91%	1.516%
36	15.286	2102	2108	2112	rVV2	51924	103733	1.40%	0.102%
37	15.404	2124	2128	2132	rVB2	41955	51720	0.70%	0.051%
38	15.551	2149	2153	2161	rVB	44470	85691	1.16%	0.084%
39	15.839	2196	2202	2207	rVB8	26207	59706	0.81%	0.059%
40	16.116	2237	2249	2253	rBV7	33410	81407	1.10%	0.080%
41	16.163	2253	2257	2261	rVV5	23291	39380	0.53%	0.039%
42	16.363	2285	2291	2299	rVV4	95101	212416	2.87%	0.208%
43	16.457	2303	2307	2315	rVB3	45186	92406	1.25%	0.091%
44	16.545	2317	2322	2327	rBV4	38362	85051	1.15%	0.083%
45	16.616	2330	2334	2340	rVV	73225	107262	1.45%	0.105%
46	16.798	2358	2365	2369	rBV	3385401	4663259	63.11%	4.576%
47	16.839	2369	2372	2376	rVB	1147369	1434237	19.41%	1.408%
48	16.898	2376	2382	2386	rBV	3846129	5356174	72.48%	5.257%
49	16.998	2395	2399	2405	rVB7	27799	46544	0.63%	0.046%
50	17.210	2431	2435	2441	rVV	77686	147848	2.00%	0.145%
51	17.380	2461	2464	2469	rVB4	31212	46711	0.63%	0.046%
52	17.527	2486	2489	2494	rVB3	24948	38694	0.52%	0.038%
53	17.675	2509	2514	2518	rBV	181634	258971	3.50%	0.254%
54	17.722	2518	2522	2530	rVB	254161	386935	5.24%	0.380%
55	17.804	2532	2536	2541	rBV2	83281	111018	1.50%	0.109%
56	17.869	2541	2547	2551	rBV2	252171	448154	6.06%	0.440%
57	17.904	2551	2553	2561	rVB	143564	177134	2.40%	0.174%
58	18.027	2563	2574	2580	rBV5	56915	172527	2.33%	0.169%
59	18.186	2596	2601	2605	rBV	141920	215228	2.91%	0.211%
60	18.439	2640	2644	2648	rVV3	61471	100737	1.36%	0.099%
61	18.486	2648	2652	2656	rVV2	52823	86668	1.17%	0.085%
62	18.527	2656	2659	2662	rVB2	45410	61818	0.84%	0.061%
63	18.610	2668	2673	2678	rBV	306038	431171	5.83%	0.423%
64	18.674	2678	2684	2686	rBV2	54508	108596	1.47%	0.107%
65	18.745	2692	2696	2706	rVB3	93709	179000	2.42%	0.176%
66	18.869	2708	2717	2724	rVV	1862391	2505818	33.91%	2.459%
67	18.939	2725	2729	2733	rBV3	70846	102011	1.38%	0.100%
68	19.022	2740	2743	2747	rBV	30475	42621	0.58%	0.042%
69	19.204	2768	2774	2777	rBV	5278346	7389594	100.00%	7.252%
70	19.233	2777	2779	2783	rVV	1698633	1787879	24.19%	1.755%
71	19.274	2783	2786	2789	rVV2	90383	115654	1.57%	0.114%

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72	19.316	2789	2793	2799	rVB2	92710	169509	2.29%	0.166%
73	19.421	2807	2811	2815	rBV	103707	145662	1.97%	0.143%
74	19.574	2831	2837	2844	rBV3	140880	293840	3.98%	0.288%
75	19.704	2855	2859	2861	rBV2	115473	168752	2.28%	0.166%
76	19.739	2862	2865	2869	rVB	227964	307878	4.17%	0.302%
77	19.816	2875	2878	2880	rBV2	114723	129018	1.75%	0.127%
78	19.839	2880	2882	2886	rVB	130686	163268	2.21%	0.160%
79	19.898	2887	2892	2896	rBV2	219017	313702	4.25%	0.308%
80	20.039	2912	2916	2920	rVB	121353	146571	1.98%	0.144%
81	20.086	2920	2924	2929	rBV2	121147	192925	2.61%	0.189%
82	20.316	2960	2963	2966	rBV	137516	162868	2.20%	0.160%
83	20.492	2990	2993	2999	rBV	128453	196928	2.66%	0.193%
84	20.698	3025	3028	3031	rBV	137572	159318	2.16%	0.156%
85	20.768	3036	3040	3052	rVV5	671476	1118563	15.14%	1.098%
86	21.010	3074	3081	3085	rBV2	4368951	6451423	87.30%	6.331%
87	21.045	3085	3087	3095	rVB	913033	1066699	14.44%	1.047%
88	21.215	3113	3116	3121	rBV	243929	285181	3.86%	0.280%
89	21.639	3184	3188	3194	rBV2	508490	723530	9.79%	0.710%
90	22.068	3258	3261	3266	rVB	399846	477435	6.46%	0.469%
91	22.492	3329	3333	3338	rBV	768646	1634933	22.12%	1.605%
92	22.539	3338	3341	3345	rVV2	1007368	1485195	20.10%	1.458%
93	22.574	3345	3347	3355	rVB4	353917	504180	6.82%	0.495%
94	22.933	3404	3408	3410	rBV	417406	584573	7.91%	0.574%
95	22.980	3410	3416	3420	rVV	3745332	5691676	77.02%	5.586%
96	23.068	3427	3431	3433	rBV	399205	557430	7.54%	0.547%
97	23.109	3433	3438	3444	rVB	2874849	4647100	62.89%	4.561%
98	23.657	3527	3531	3537	rVB	724279	1176942	15.93%	1.155%
99	24.339	3644	3647	3654	rVB2	436165	755085	10.22%	0.741%
100	25.139	3777	3783	3795	rVB4	572055	1742459	23.58%	1.710%

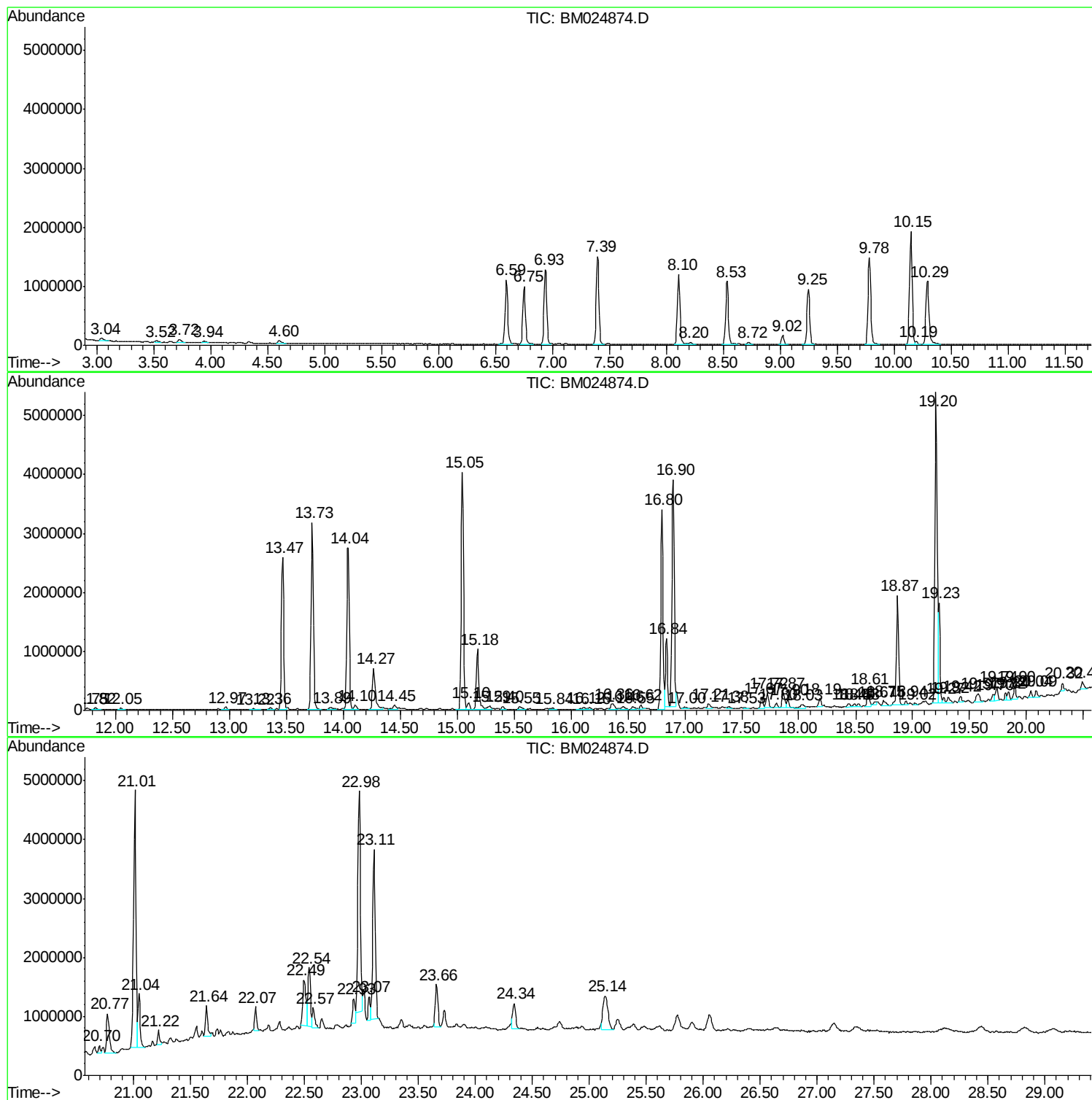
Sum of corrected areas: 101896111

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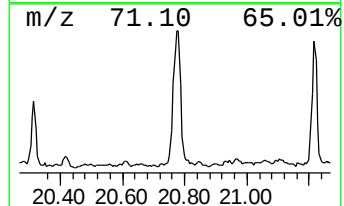
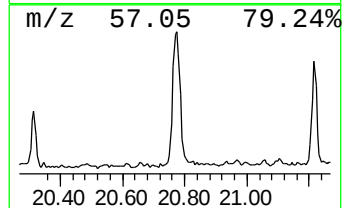
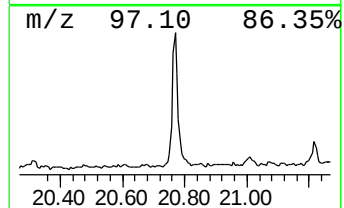
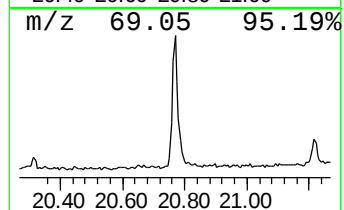
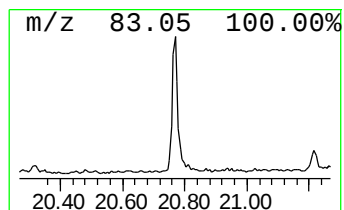
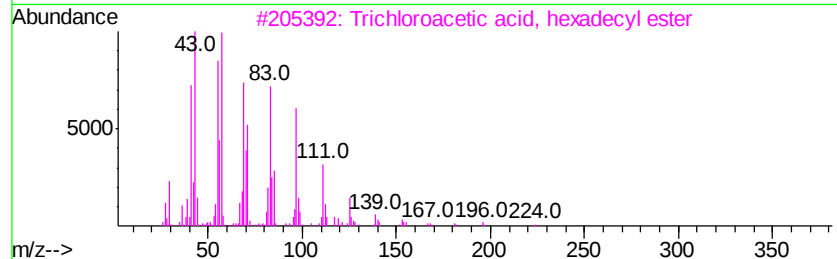
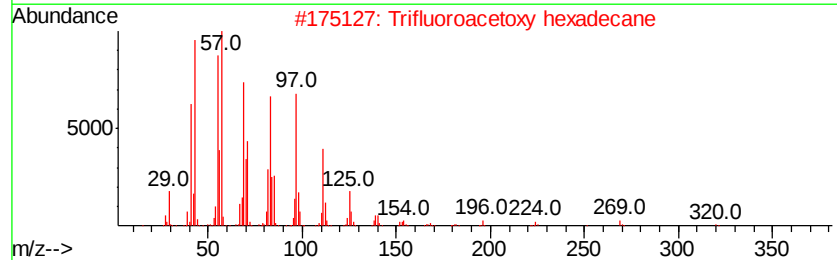
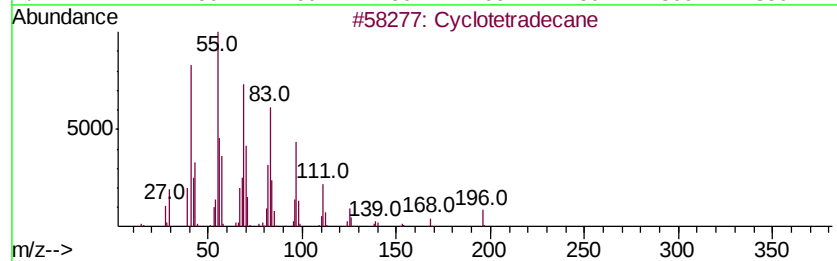
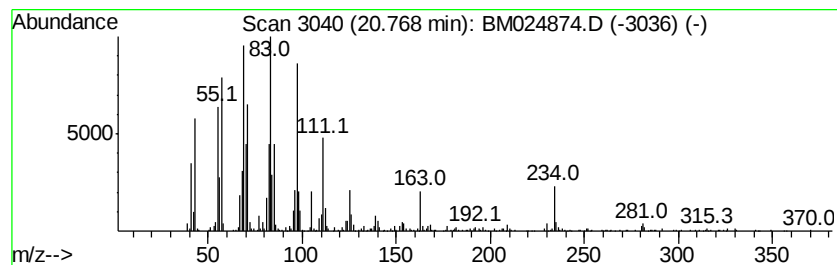
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic20.77 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	3.47 ng/ul	1118560	Chrysene-d12	21.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	89
2			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	83
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
4			Cyclotetradecane	196	C14H28	000295-17-0	74
5			9-Octadecene, (E)-	252	C18H36	007206-25-9	74



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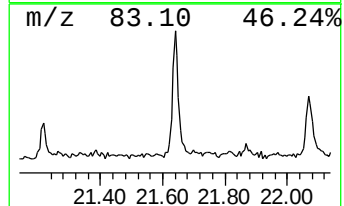
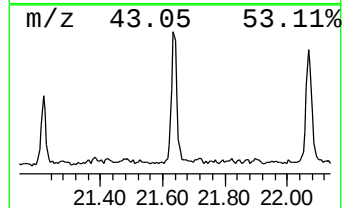
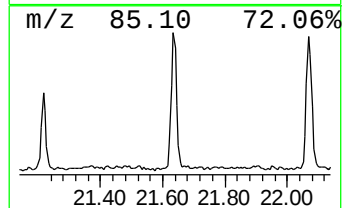
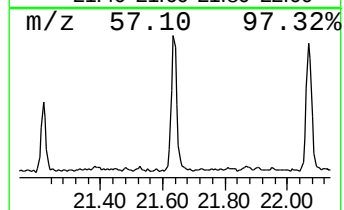
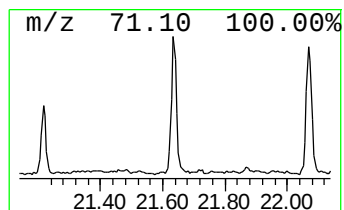
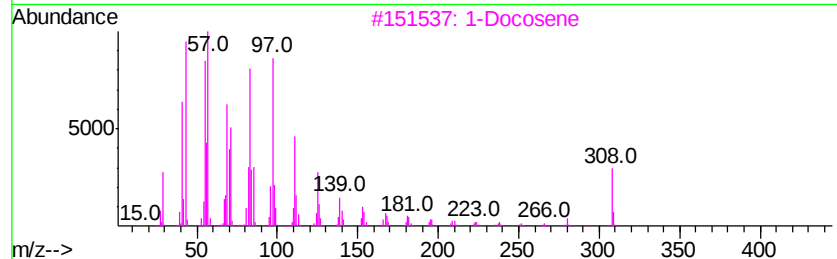
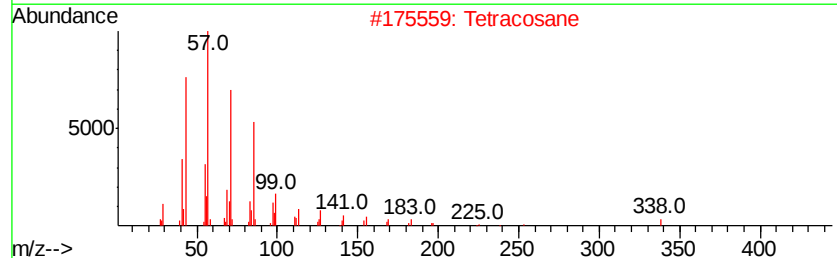
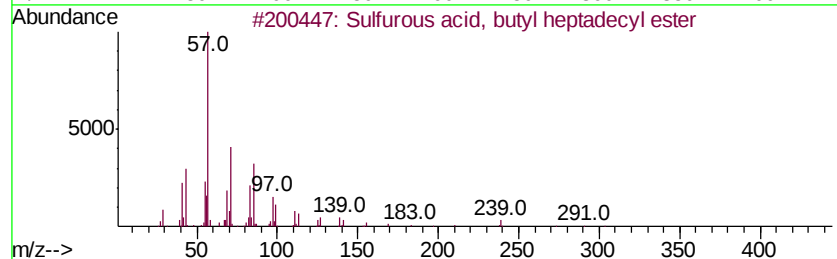
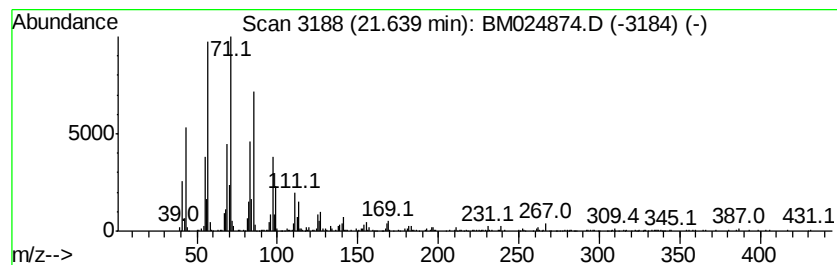
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Peak Number 2 Sulfurous acid, butyl hepta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	2.24 ng/ul	723530	Chrysene-d12	21.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	76
2		Tetracosane	338	C24H50	000646-31-1	68
3		1-Docosene	308	C22H44	001599-67-3	64
4		Hexadecane	226	C16H34	000544-76-3	62
5		Heneicosane	296	C21H44	000629-94-7	58



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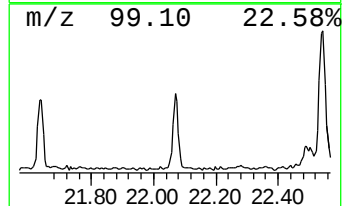
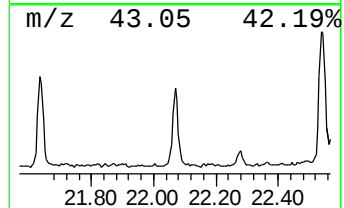
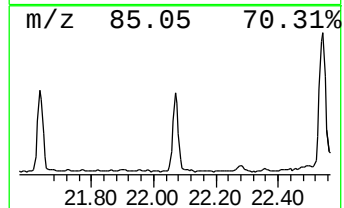
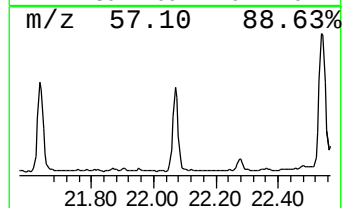
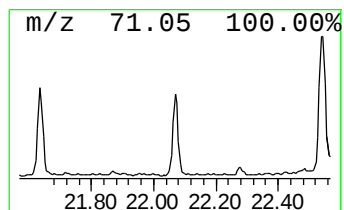
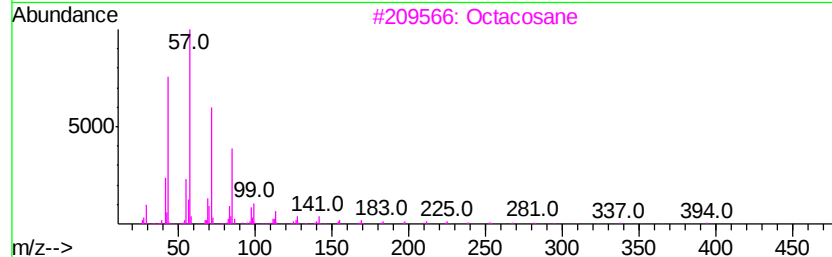
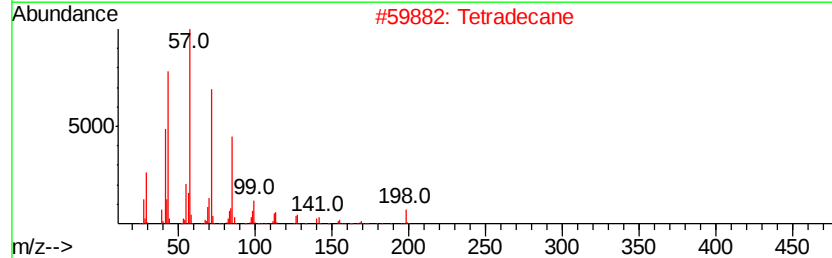
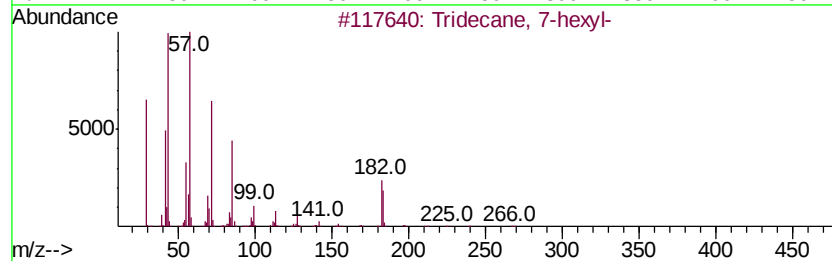
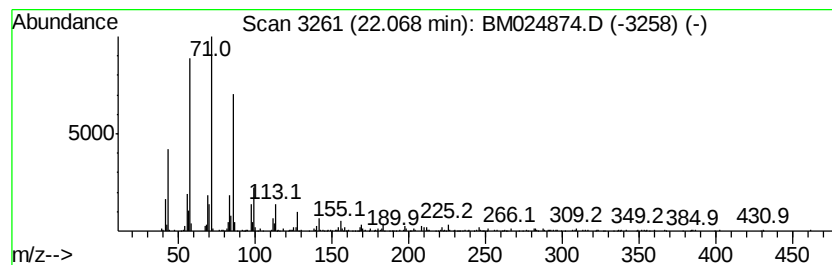
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	2.05 ng/ul	477435	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
2		Tetradecane	198	C14H30	000629-59-4	86
3		Octacosane	394	C28H58	000630-02-4	83
4		Docosane, 7-hexyl-	394	C28H58	055373-86-9	80
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024874.D
Acq On : 14 Feb 2020 03:21
Operator : CG/JU
Sample : L1404-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6P0

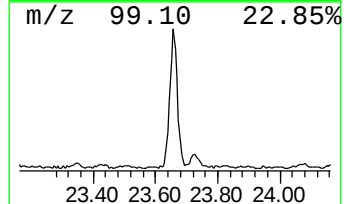
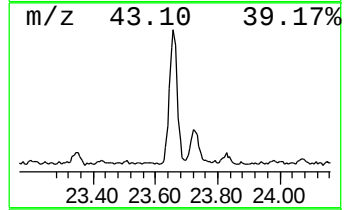
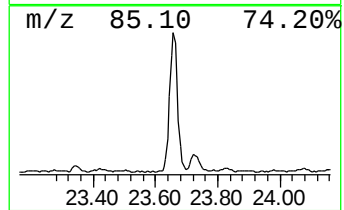
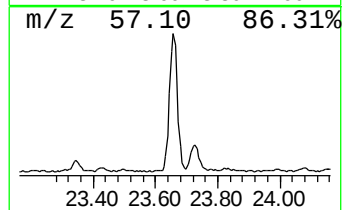
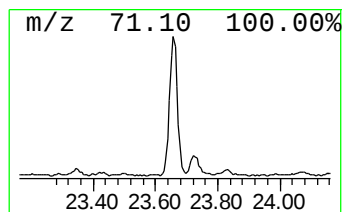
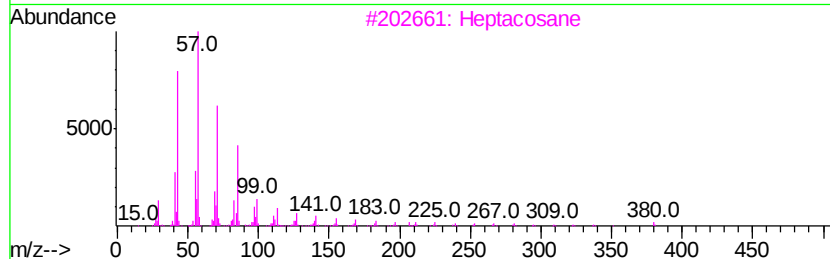
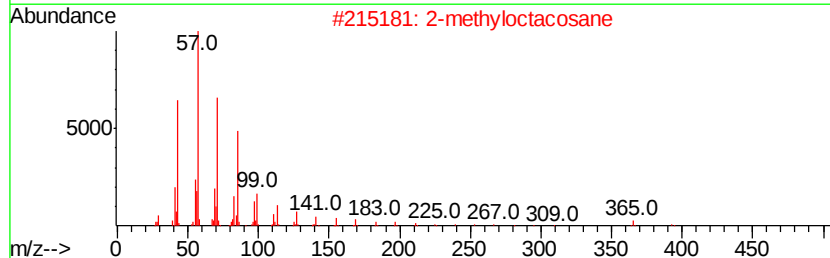
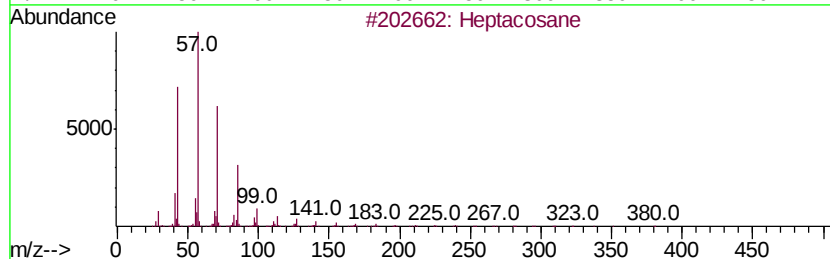
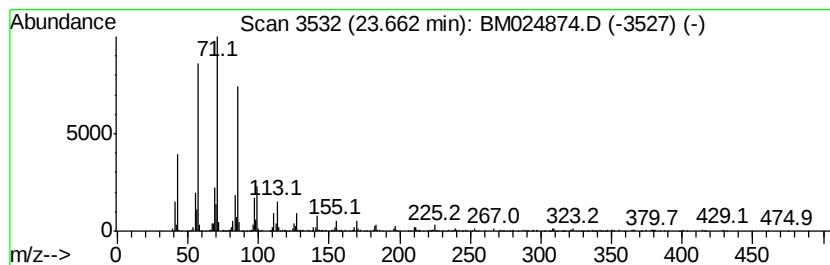
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Quant Title : SVOA CALIBRATION

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	5.07 ng/ul	1176940	Perylene-d12	23.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	93
2			2-methyloctacosane	408	C29H60	1000376-72-8	90
3			Heptacosane	380	C27H56	000593-49-7	87
4			Hentriacontane	437	C31H64	000630-04-6	87
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024874.D
Acq On : 14 Feb 2020 03:21
Operator : CG/JU
Sample : L1404-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6P0

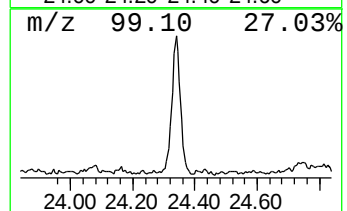
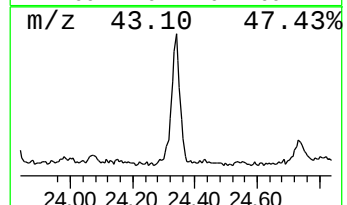
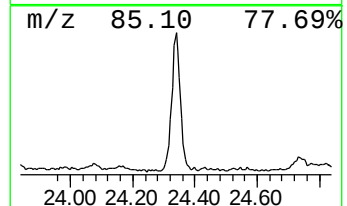
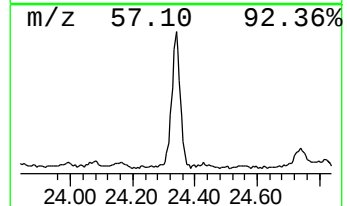
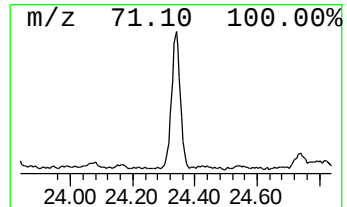
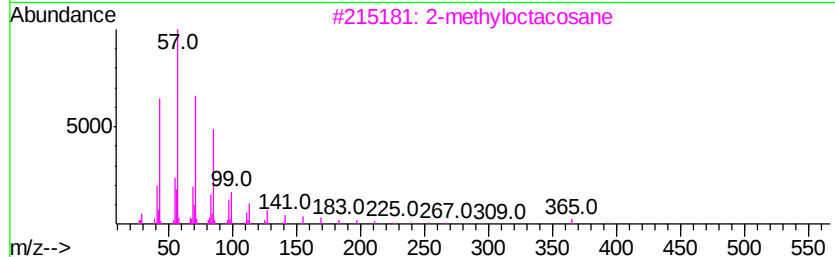
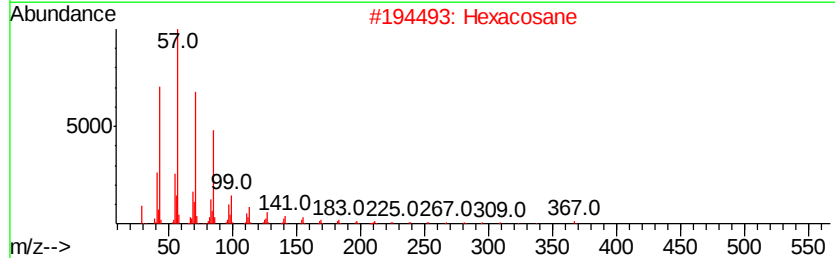
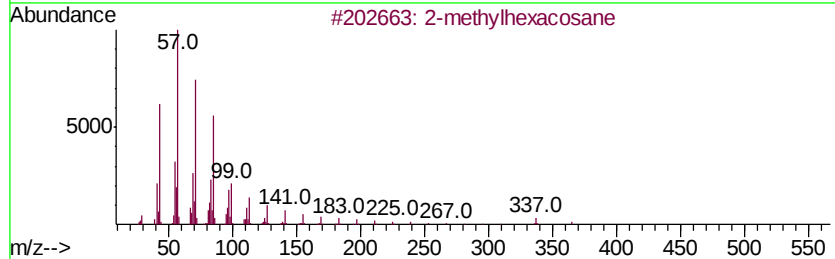
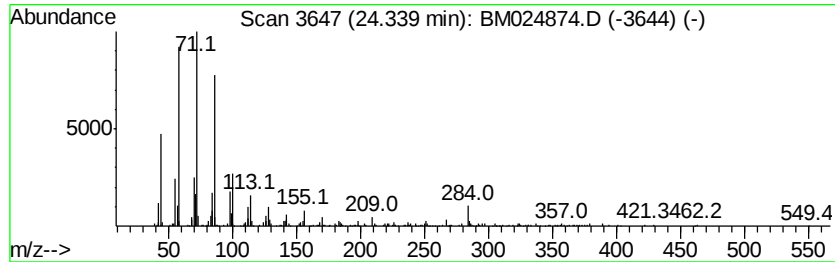
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.34	3.25 ng/ul	755085	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methylhexacosane	380	C27H56	1000376-72-7	90
2		Hexacosane	366	C26H54	000630-01-3	83
3		2-methyloctacosane	408	C29H60	1000376-72-8	83
4		Nonadecane	268	C19H40	000629-92-5	80
5		Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021320\
Data File : BM024874.D
Acq On : 14 Feb 2020 03:21
Operator : CG/JU
Sample : L1404-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6P0

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
(DEL) Alkane: Cyc...	20.77	3.5	ng/ul	1118560	5	21.01	6451420	20.0
Sulfurous acid, b...	21.64	2.2	ng/ul	723530	5	21.01	6451420	20.0
(DEL) Alkane: Str...	22.07	2.0	ng/ul	477435	6	23.11	4647100	20.0
(DEL) Alkane: Str...	23.66	5.1	ng/ul	1176940	6	23.11	4647100	20.0
(DEL) Alkane: Str...	24.34	3.3	ng/ul	755085	6	23.11	4647100	20.0