

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024806.D
 Acq On : 10 Feb 2020 13:51
 Operator : CG/JU
 Sample : L1402-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6K9

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	31	rVB	45204	61271	1.29%	0.096%
2	3.293	66	69	76	rVB2	11803	21700	0.46%	0.034%
3	3.628	122	126	131	rVB3	18106	27326	0.57%	0.043%
4	3.710	135	140	145	rVB	57004	74268	1.56%	0.117%
5	3.928	173	177	186	rVB2	41301	59551	1.25%	0.093%
6	4.028	190	194	197	rBV2	15933	23760	0.50%	0.037%
7	4.322	240	244	250	rBV	29366	41747	0.88%	0.066%
8	4.593	286	290	297	rBV	42277	71006	1.49%	0.111%
9	5.481	437	441	445	rVV5	15143	23936	0.50%	0.038%
10	6.598	621	631	641	rBV	671067	1056777	22.23%	1.658%
11	6.757	652	658	672	rVB	559697	862332	18.14%	1.353%
12	6.945	682	690	703	rVV	760415	1190947	25.05%	1.869%
13	7.063	705	710	716	rVV6	9312	16609	0.35%	0.026%
14	7.404	758	768	779	rBV	958004	1478226	31.10%	2.320%
15	7.498	779	784	789	rVB5	11058	20248	0.43%	0.032%
16	8.116	883	889	898	rBV	860365	1330381	27.99%	2.088%
17	8.216	902	906	913	rVB3	16492	32618	0.69%	0.051%
18	8.539	954	961	974	rBV	664783	1084179	22.81%	1.701%
19	8.651	974	980	984	rVB9	6981	14532	0.31%	0.023%
20	8.734	989	994	1000	rVB2	30930	45940	0.97%	0.072%
21	9.034	1040	1045	1051	rVB	120487	172969	3.64%	0.271%
22	9.257	1076	1083	1092	rBV	587620	945395	19.89%	1.484%
23	9.792	1167	1174	1187	rBV	975035	1573948	33.11%	2.470%
24	10.157	1229	1236	1243	rBV	1319320	2176410	45.78%	3.415%
25	10.304	1254	1261	1280	rBV	777540	1398583	29.42%	2.195%
26	11.639	1484	1488	1493	rVB4	11690	18876	0.40%	0.030%
27	11.763	1504	1509	1517	rVV2	16516	32439	0.68%	0.051%
28	11.839	1517	1522	1530	rVB	10871	21862	0.46%	0.034%
29	12.063	1554	1560	1567	rBV3	7123	14865	0.31%	0.023%
30	12.910	1700	1704	1710	rVV3	17320	27951	0.59%	0.044%
31	12.980	1712	1716	1721	rVB5	9894	16473	0.35%	0.026%
32	13.374	1779	1783	1787	rBV2	9852	14478	0.30%	0.023%
33	13.480	1795	1801	1806	rVV	1750437	2372407	49.90%	3.723%
34	13.527	1806	1809	1816	rVB	187173	239283	5.03%	0.375%

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35	13.739	1838	1845	1857	rBV	1991765	2896960	60.94%	4.546%
36	14.004	1887	1890	1893	rBV3	10367	13529	0.28%	0.021%
37	14.057	1893	1899	1905	rVV	2282345	3302062	69.46%	5.182%
38	14.116	1905	1909	1914	rVB2	18970	25590	0.54%	0.040%
39	14.280	1931	1937	1951	rBV	443812	801568	16.86%	1.258%
40	14.463	1963	1968	1972	rBV3	15208	27708	0.58%	0.043%
41	14.504	1972	1975	1979	rVV4	17199	22643	0.48%	0.036%
42	14.910	2039	2044	2047	rVB6	9402	14942	0.31%	0.023%
43	14.968	2050	2054	2060	rVB2	13194	19190	0.40%	0.030%
44	15.057	2063	2069	2076	rVV	2643776	3571011	75.12%	5.604%
45	15.110	2076	2078	2085	rVV3	29040	41410	0.87%	0.065%
46	15.186	2085	2091	2105	rVV	613737	910616	19.16%	1.429%
47	15.298	2105	2110	2115	rVB2	28257	45426	0.96%	0.071%
48	15.674	2170	2174	2177	rVB4	10145	14920	0.31%	0.023%
49	15.845	2197	2203	2204	rBV4	11342	18257	0.38%	0.029%
50	15.986	2222	2227	2230	rBV5	8575	13119	0.28%	0.021%
51	16.086	2239	2244	2249	rBV7	7234	14285	0.30%	0.022%
52	16.380	2283	2294	2296	rBV7	11190	29718	0.63%	0.047%
53	16.557	2320	2324	2326	rBV4	7901	13249	0.28%	0.021%
54	16.627	2332	2336	2341	rVB	27252	38511	0.81%	0.060%
55	16.810	2359	2367	2371	rBV	2791525	3869026	81.39%	6.072%
56	16.851	2371	2374	2378	rVV	325059	425881	8.96%	0.668%
57	16.910	2378	2384	2397	rVV	2516760	3703959	77.91%	5.813%
58	17.233	2432	2439	2448	rBV6	17691	51490	1.08%	0.081%
59	17.686	2511	2516	2520	rBV	49658	68551	1.44%	0.108%
60	17.733	2520	2524	2530	rVV	61637	89392	1.88%	0.140%
61	17.809	2534	2537	2543	rBV2	23993	29410	0.62%	0.046%
62	17.874	2544	2548	2553	rBV	63875	100723	2.12%	0.158%
63	17.915	2553	2555	2566	rVB2	35069	48087	1.01%	0.075%
64	18.033	2572	2575	2576	rBV3	14052	14515	0.31%	0.023%
65	18.192	2598	2602	2607	rVV2	42111	74964	1.58%	0.118%
66	18.233	2607	2609	2613	rVB4	20509	24483	0.52%	0.038%
67	18.451	2642	2646	2650	rBV5	20964	29858	0.63%	0.047%
68	18.498	2652	2654	2658	rVV2	13825	15447	0.32%	0.024%
69	18.621	2670	2675	2679	rBV2	44749	75139	1.58%	0.118%
70	18.751	2694	2697	2699	rBV4	23272	28444	0.60%	0.045%
71	18.880	2706	2719	2729	rBV	607376	891991	18.76%	1.400%

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72	18.956	2729	2732	2734	rBV4	22074	25813	0.54%	0.041%
73	19.033	2742	2745	2751	rBV2	12048	15083	0.32%	0.024%
74	19.098	2753	2756	2760	rBV2	25386	36479	0.77%	0.057%
75	19.215	2770	2776	2780	rBV	3447569	4753881	100.00%	7.460%
76	19.286	2785	2788	2791	rVB4	23680	25148	0.53%	0.039%
77	19.321	2791	2794	2797	rBV3	21618	26047	0.55%	0.041%
78	19.427	2810	2812	2820	rVB2	28835	49339	1.04%	0.077%
79	19.586	2833	2839	2845	rBV6	41206	95668	2.01%	0.150%
80	19.721	2858	2862	2864	rBV4	26073	47633	1.00%	0.075%
81	19.750	2864	2867	2871	rVB	61943	81400	1.71%	0.128%
82	19.827	2877	2880	2882	rBV3	48242	53640	1.13%	0.084%
83	19.851	2882	2884	2888	rVB	40311	44022	0.93%	0.069%
84	19.909	2890	2894	2898	rBV2	60009	84298	1.77%	0.132%
85	20.050	2915	2918	2921	rVB2	34821	35233	0.74%	0.055%
86	20.327	2962	2965	2967	rBV2	39439	40234	0.85%	0.063%
87	20.780	3038	3042	3053	rBV2	570806	893254	18.79%	1.402%
88	21.021	3077	3083	3087	rBV	3593430	4744436	99.80%	7.445%
89	21.056	3087	3089	3098	rVB	319660	386649	8.13%	0.607%
90	21.227	3115	3118	3122	rBV	174234	198841	4.18%	0.312%
91	21.650	3186	3190	3201	rBV2	526784	874200	18.39%	1.372%
92	22.086	3260	3264	3275	rVB	346033	477411	10.04%	0.749%
93	22.292	3296	3299	3305	rVB	243264	300822	6.33%	0.472%
94	22.509	3332	3336	3340	rBV	262371	512511	10.78%	0.804%
95	22.556	3340	3344	3347	rVV2	758712	1073590	22.58%	1.685%
96	22.592	3347	3350	3359	rVB3	491704	753748	15.86%	1.183%
97	22.991	3413	3418	3424	rBV	2447087	3982611	83.78%	6.250%
98	23.080	3429	3433	3436	rBV	412839	636405	13.39%	0.999%
99	23.127	3436	3441	3455	rVB	2488806	4435270	93.30%	6.960%
100	23.674	3530	3534	3541	rVB	633098	1100925	23.16%	1.728%

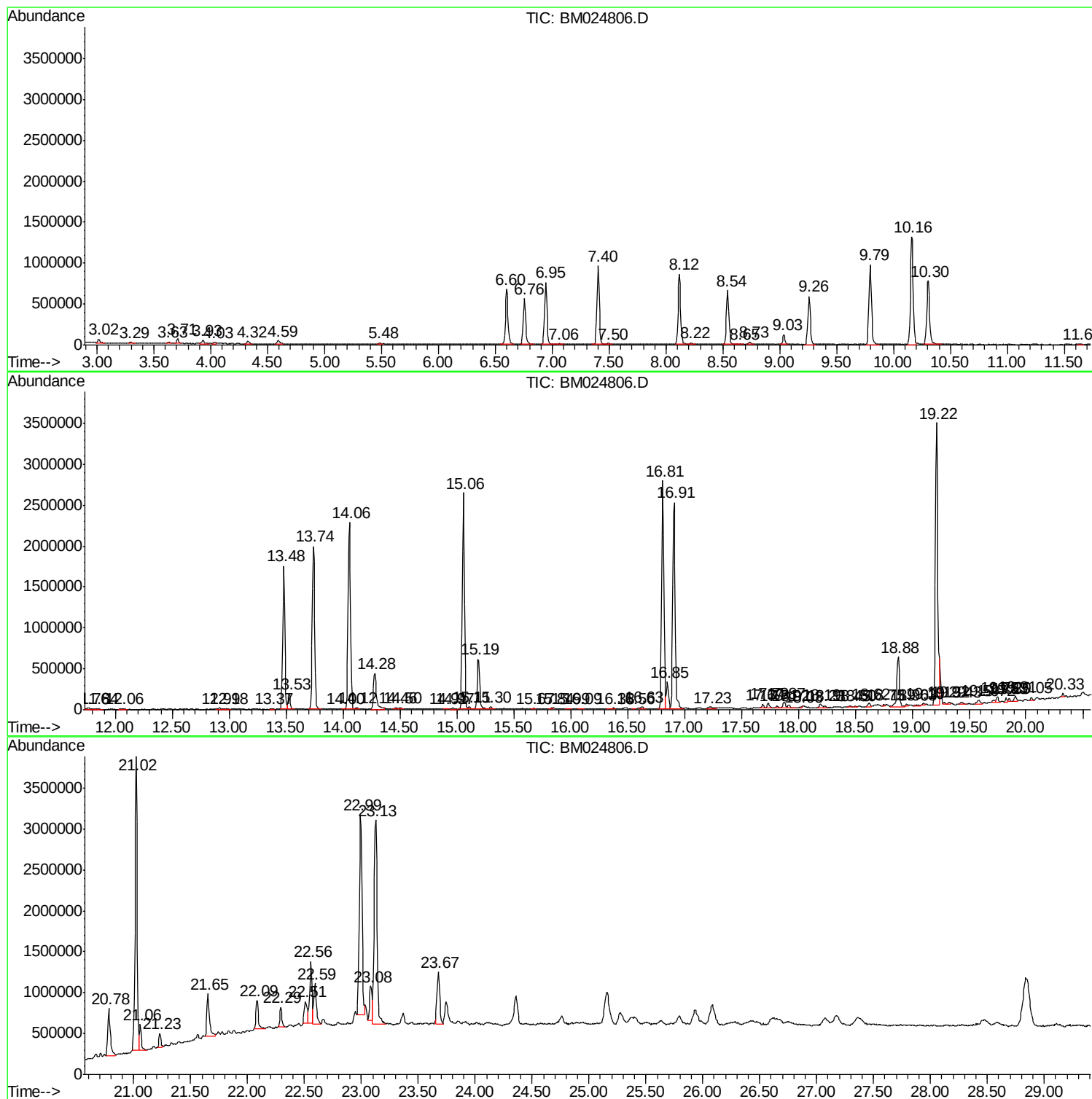
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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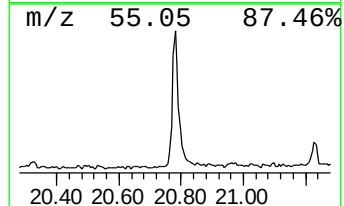
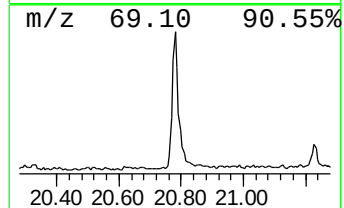
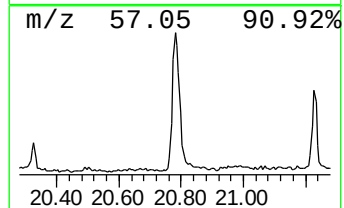
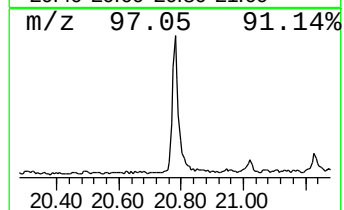
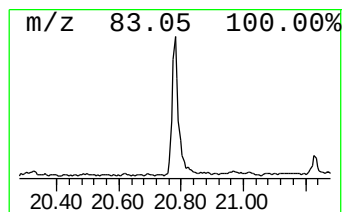
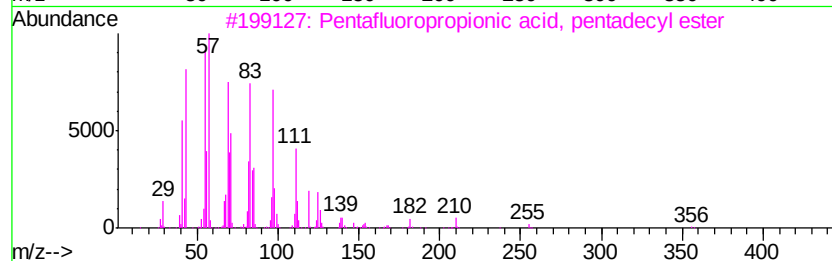
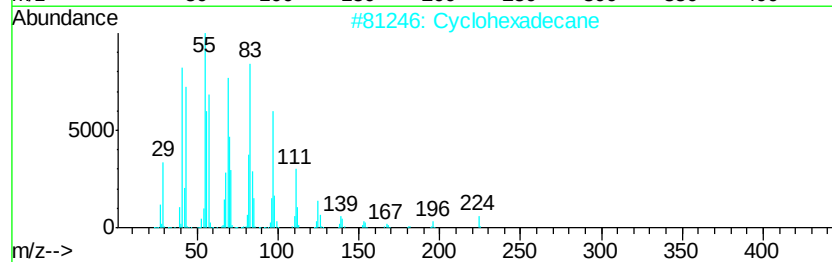
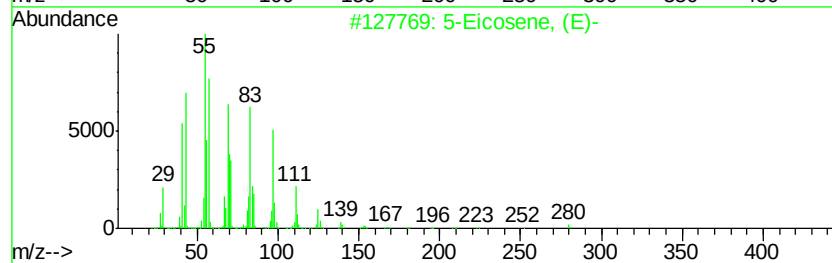
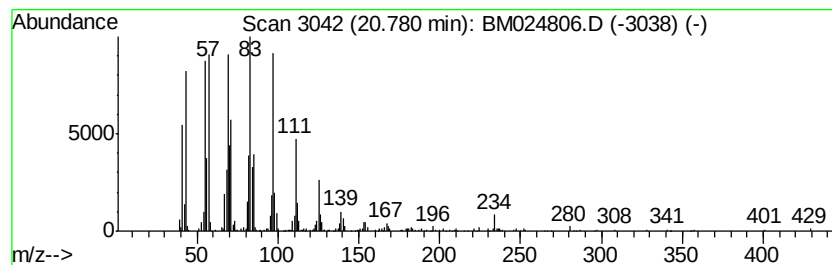
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.78	3.77 ng/ul	893254	Chrysene-d12		21.02	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	98
2	Cyclohexadecane		224	C16H32	000295-65-8	98
3	Pentafluoropropionic acid, penta...		374	C18H31F5O2	959092-08-1	94
4	n-Tetracosanol-1		354	C24H50O	000506-51-4	94
5	Heptafluorobutyric acid, n-tetra...		410	C18H29F7O2	007365-36-8	94



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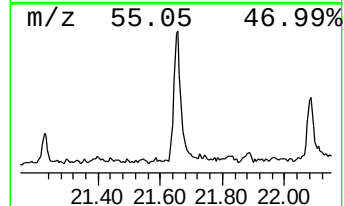
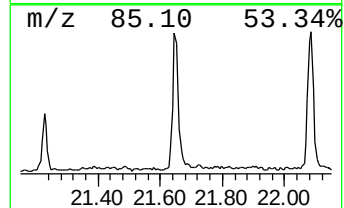
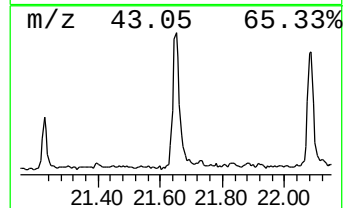
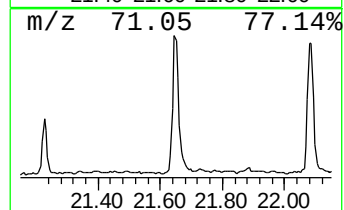
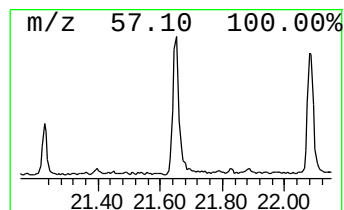
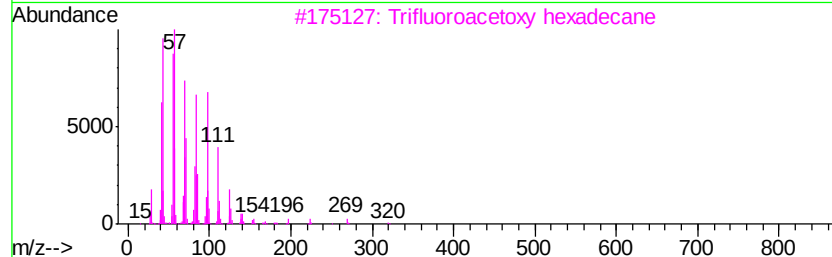
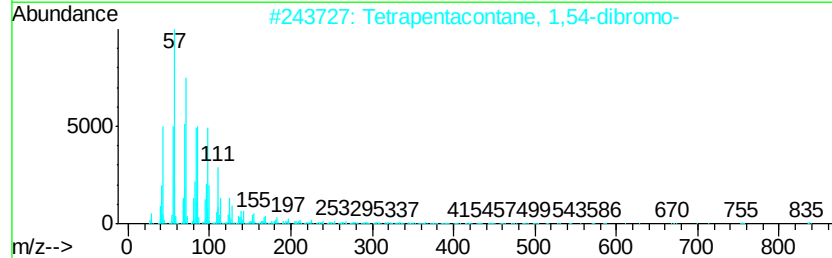
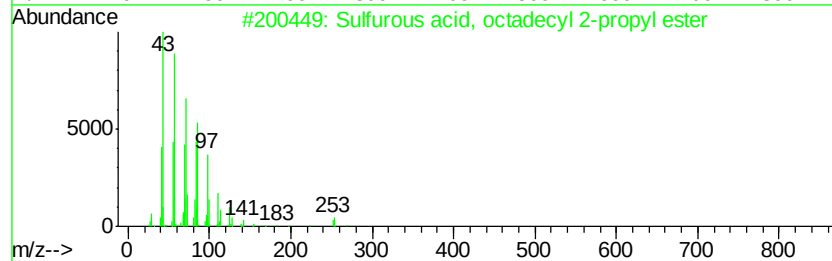
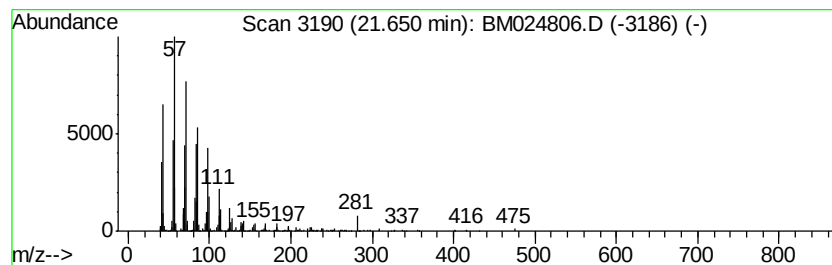
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfurous acid, octadecyl 2... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	3.69 ng/ul	874200	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
2		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	91
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
4		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	70
5		Octadecane	254	C18H38	000593-45-3	70



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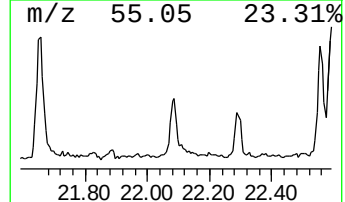
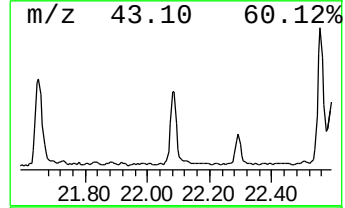
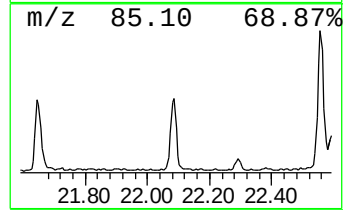
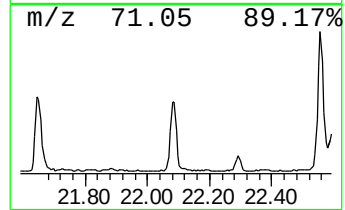
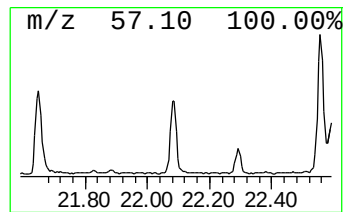
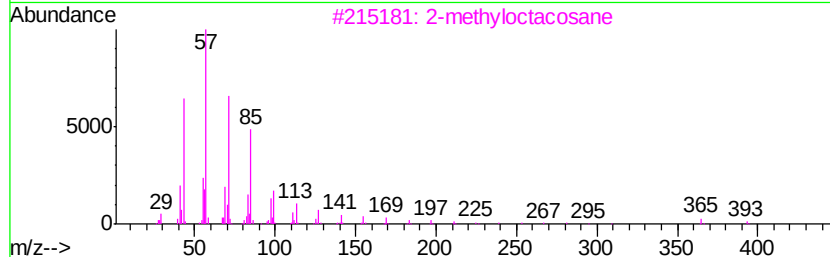
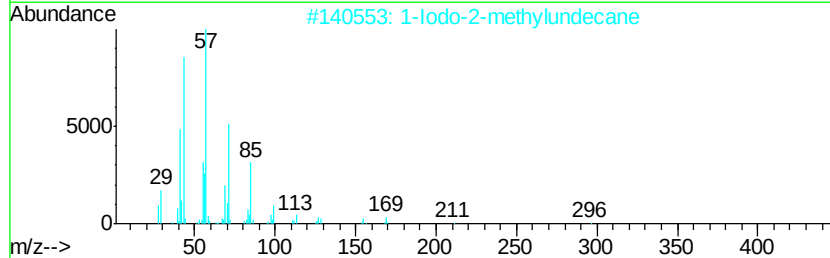
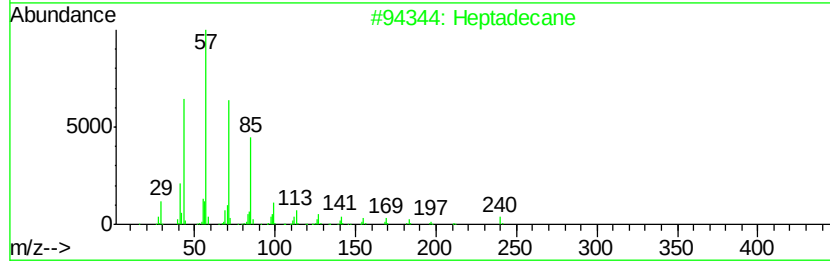
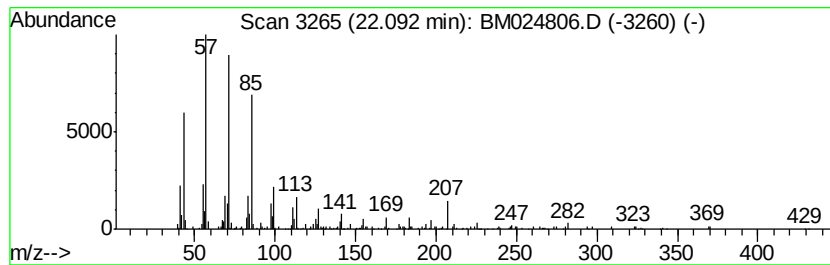
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	2.15 ng/ul	477411	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Eicosane	282	C20H42	000112-95-8	89



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Acq On : 10 Feb 2020 13:51
Operator : CG/JU
Sample : L1402-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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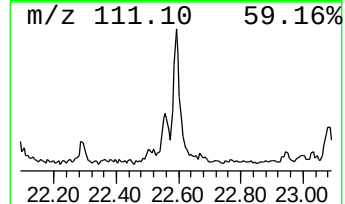
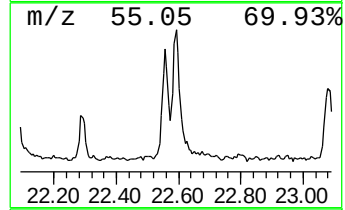
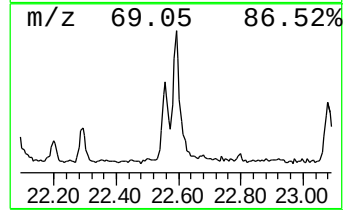
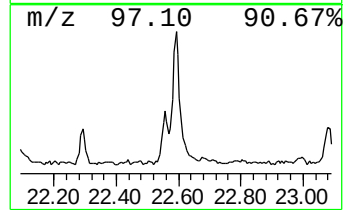
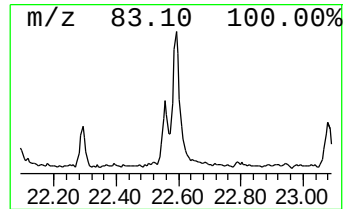
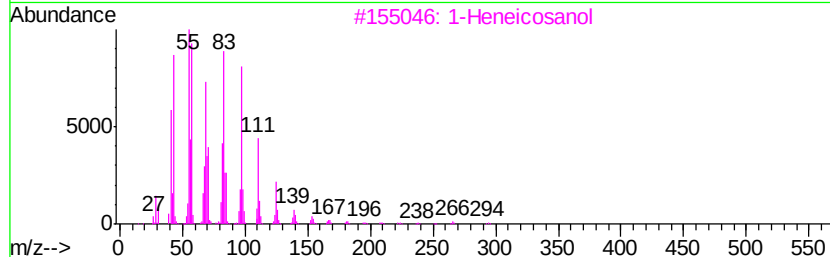
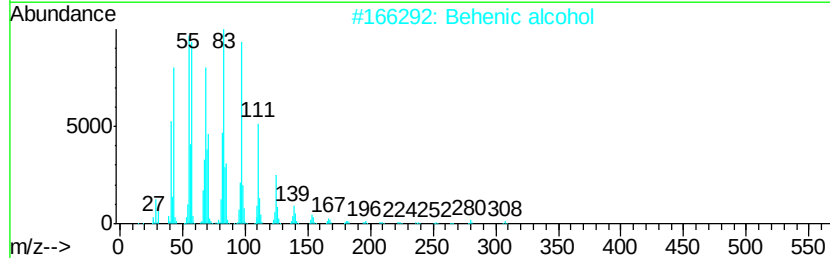
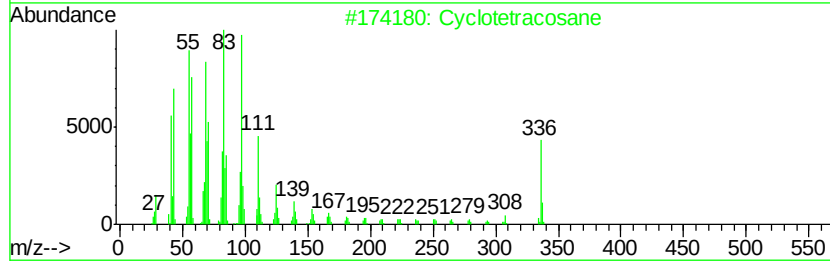
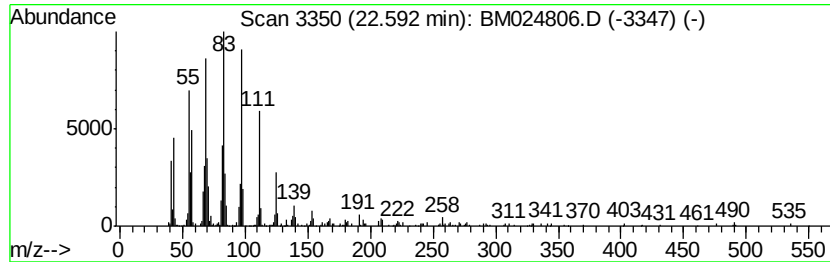
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic22.59 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	3.40 ng/ul	753748	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	91
2		Behenic alcohol	326	C22H46O	000661-19-8	91
3		1-Heneicosanol	312	C21H44O	015594-90-8	90
4		Cyclotetradecane	196	C14H28	000295-17-0	72
5		Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024806.D
Acq On : 10 Feb 2020 13:51
Operator : CG/JU
Sample : L1402-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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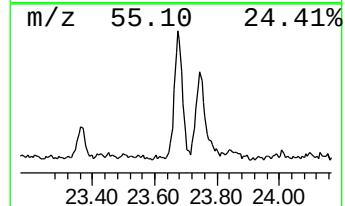
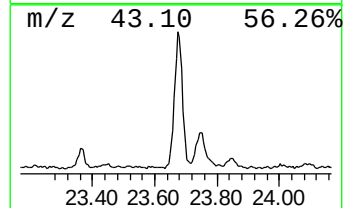
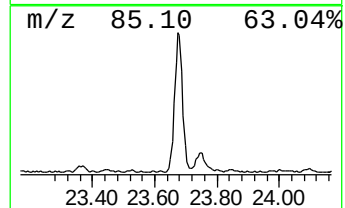
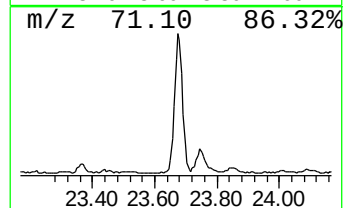
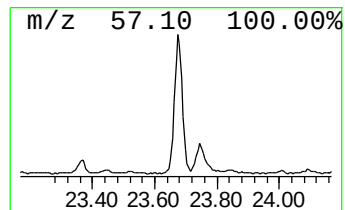
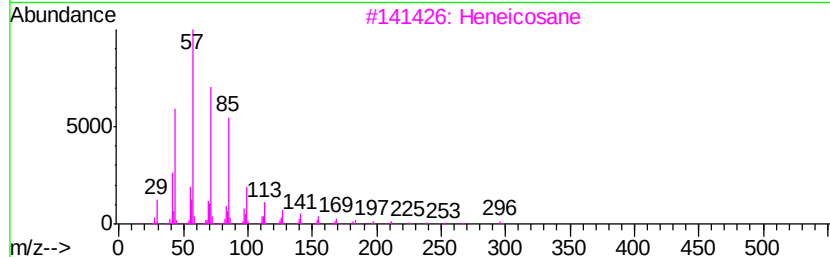
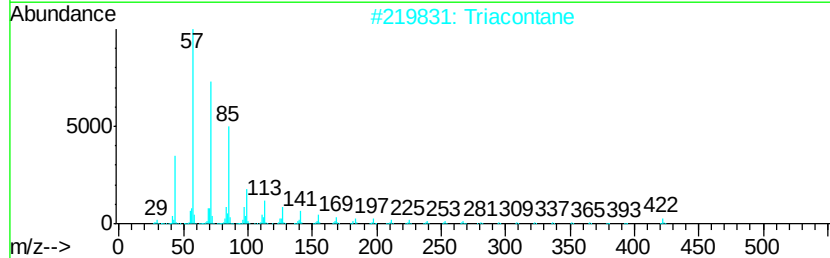
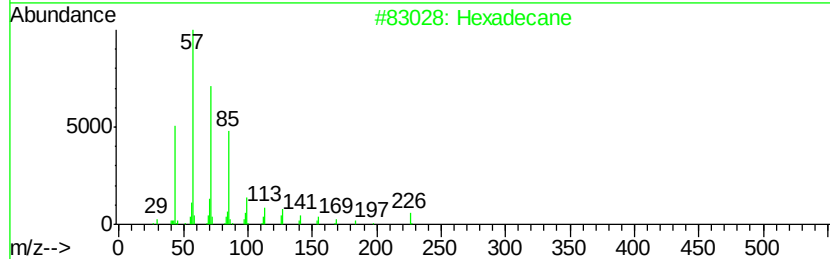
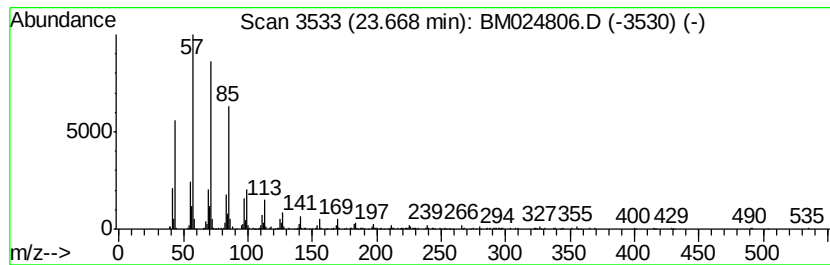
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	4.96 ng/ul	1100930	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		triacontane	422	C30H62	000638-68-6	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021020\
Data File : BM024806.D
Acq On : 10 Feb 2020 13:51
Operator : CG/JU
Sample : L1402-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	20.78	3.8	ng/ul	893254	5	21.02	4744440	20.0
Sulfurous acid, o...	21.65	3.7	ng/ul	874200	5	21.02	4744440	20.0
(DEL) Alkane: Str...	22.09	2.1	ng/ul	477411	6	23.13	4435270	20.0
(DEL) Alkane: Cyc...	22.59	3.4	ng/ul	753748	6	23.13	4435270	20.0
(DEL) Alkane: Str...	23.67	5.0	ng/ul	1100930	6	23.13	4435270	20.0