

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
 Data File : BM024370.D
 Acq On : 30 Dec 2019 13:22
 Operator : JU
 Sample : K6322-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C31

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-BM121719MA.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	2.993	15	18	26	rVB2	32327	52836	1.44%	0.115%
2	3.487	99	102	109	rVB4	21024	35459	0.96%	0.077%
3	3.675	131	134	143	rVB2	18908	28081	0.76%	0.061%
4	4.581	285	288	293	rBV	26903	43888	1.19%	0.096%
5	4.622	293	295	305	rVB5	11007	23012	0.63%	0.050%
6	6.134	548	552	554	rBV4	3562	5248	0.14%	0.011%
7	6.616	628	634	651	rBV2	494174	1052145	28.61%	2.299%
8	6.769	654	660	676	rVV	397717	724485	19.70%	1.583%
9	6.951	684	691	703	rBV	580945	966485	26.28%	2.112%
10	7.410	762	769	781	rBV	818611	1358105	36.93%	2.968%
11	8.140	886	893	909	rVV	490033	922770	25.09%	2.017%
12	8.251	909	912	918	rVB3	11789	21107	0.57%	0.046%
13	8.569	959	966	983	rBV	470617	881407	23.97%	1.926%
14	8.745	993	996	1004	rVB8	6527	14994	0.41%	0.033%
15	8.992	1033	1038	1043	rBV2	12532	19066	0.52%	0.042%
16	9.281	1079	1087	1098	rBV	387409	711752	19.36%	1.555%
17	9.822	1173	1179	1199	rBV	518275	1067472	29.03%	2.333%
18	10.175	1232	1239	1258	rVB	1137942	1908671	51.91%	4.171%
19	10.339	1260	1267	1289	rBV	349273	824522	22.42%	1.802%
20	11.757	1504	1508	1509	rBV4	4526	5973	0.16%	0.013%
21	11.863	1523	1526	1527	rBV2	4787	5706	0.16%	0.012%
22	12.098	1561	1566	1570	rVB4	3644	6830	0.19%	0.015%
23	12.675	1660	1664	1671	rVB6	5214	11533	0.31%	0.025%
24	12.733	1671	1674	1677	rBV5	4146	5368	0.15%	0.012%
25	12.904	1700	1703	1706	rBV4	6815	7511	0.20%	0.016%
26	12.980	1712	1716	1719	rBV4	3333	4901	0.13%	0.011%
27	13.398	1779	1787	1788	rBV5	6515	12313	0.33%	0.027%
28	13.498	1798	1804	1809	rBV	1073175	1531310	41.64%	3.346%
29	13.551	1809	1813	1822	rVB	264035	410279	11.16%	0.897%
30	13.763	1841	1849	1860	rBV	1291368	1945769	52.92%	4.252%
31	13.998	1886	1889	1895	rBV4	5715	7635	0.21%	0.017%
32	14.074	1895	1902	1909	rVV	1575148	2334429	63.48%	5.101%
33	14.139	1909	1913	1916	rVB3	7120	11680	0.32%	0.026%
34	14.357	1944	1950	1964	rBV2	126257	389180	10.58%	0.850%

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 Title : SVOA CALIBRATION

35	14.486	1969	1972	1975	rVV3	17192	29215	0.79%	0.064%
36	14.539	1977	1981	1989	rVV6	44612	86374	2.35%	0.189%
37	14.704	2006	2009	2011	rBV4	6204	6793	0.18%	0.015%
38	14.904	2039	2043	2045	rVV3	8881	11753	0.32%	0.026%
39	14.927	2045	2047	2050	rVV4	4970	6565	0.18%	0.014%
40	14.957	2050	2052	2058	rVB4	11021	12793	0.35%	0.028%
41	15.080	2066	2073	2079	rBV	1605073	2353345	64.00%	5.143%
42	15.133	2079	2082	2091	rVV2	25912	55960	1.52%	0.122%
43	15.239	2095	2100	2110	rVV	265912	448532	12.20%	0.980%
44	15.321	2110	2114	2119	rVV5	18454	34574	0.94%	0.076%
45	15.433	2130	2133	2137	rBV4	9320	11805	0.32%	0.026%
46	15.521	2145	2148	2151	rBV3	9345	12341	0.34%	0.027%
47	15.580	2154	2158	2166	rVB6	9931	22526	0.61%	0.049%
48	15.668	2169	2173	2176	rVV5	4416	6005	0.16%	0.013%
49	15.739	2179	2185	2188	rBV7	3086	5893	0.16%	0.013%
50	15.774	2188	2191	2194	rBV5	4241	5312	0.14%	0.012%
51	15.827	2197	2200	2203	rVV5	11234	15065	0.41%	0.033%
52	15.863	2203	2206	2210	rVB5	6363	9734	0.26%	0.021%
53	16.010	2226	2231	2235	rVB6	4444	8526	0.23%	0.019%
54	16.074	2239	2242	2246	rVB6	5314	8074	0.22%	0.018%
55	16.192	2259	2262	2264	rVB4	4060	5171	0.14%	0.011%
56	16.233	2264	2269	2272	rVB5	3726	4747	0.13%	0.010%
57	16.398	2290	2297	2303	rBV6	20112	40614	1.10%	0.089%
58	16.568	2323	2326	2327	rVV3	7794	7761	0.21%	0.017%
59	16.621	2331	2335	2338	rVV2	18012	27417	0.75%	0.060%
60	16.657	2339	2341	2345	rVV3	11702	14570	0.40%	0.032%
61	16.686	2345	2346	2349	rVB2	5648	4952	0.13%	0.011%
62	16.833	2365	2371	2375	rBV	1858416	2579405	70.15%	5.637%
63	16.874	2375	2378	2382	rVV	192342	258503	7.03%	0.565%
64	16.933	2382	2388	2403	rVB	1777463	2615089	71.12%	5.715%
65	17.139	2421	2423	2427	rVB4	6779	8661	0.24%	0.019%
66	17.257	2441	2443	2445	rVV3	9565	9053	0.25%	0.020%
67	17.280	2445	2447	2453	rVV6	9133	13756	0.37%	0.030%
68	17.357	2457	2460	2465	rBV4	16049	22213	0.60%	0.049%
69	17.527	2487	2489	2493	rBV4	7038	7026	0.19%	0.015%
70	17.639	2504	2508	2510	rBV5	7251	10124	0.28%	0.022%
71	17.709	2517	2520	2524	rBV3	23068	33003	0.90%	0.072%

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72	17.762	2524	2529	2538	rBV3	111878	197518	5.37%	0.432%
73	17.904	2548	2553	2557	rBV3	43463	78584	2.14%	0.172%
74	18.051	2573	2578	2581	rBV6	11714	20005	0.54%	0.044%
75	18.221	2603	2607	2611	rBV2	19401	31620	0.86%	0.069%
76	18.521	2656	2658	2661	rVB3	15042	14203	0.39%	0.031%
77	18.562	2663	2665	2669	rVV4	9656	10909	0.30%	0.024%
78	18.645	2675	2679	2683	rVB2	26487	36643	1.00%	0.080%
79	18.704	2685	2689	2693	rBV5	24363	39991	1.09%	0.087%
80	18.904	2715	2723	2732	rBV	577812	860926	23.41%	1.881%
81	19.056	2746	2749	2757	rBV2	47841	82128	2.23%	0.179%
82	19.133	2759	2762	2769	rVV5	22061	45694	1.24%	0.100%
83	19.245	2775	2781	2784	rBV	2306561	3273705	89.03%	7.154%
84	19.468	2816	2819	2823	rBV	28806	35606	0.97%	0.078%
85	19.615	2838	2844	2850	rBV5	53590	131475	3.58%	0.287%
86	19.745	2862	2866	2867	rBV4	35836	46543	1.27%	0.102%
87	19.780	2869	2872	2877	rVB2	91498	126295	3.43%	0.276%
88	19.827	2877	2880	2883	rBV4	33927	33686	0.92%	0.074%
89	19.880	2886	2889	2893	rBV	70924	96456	2.62%	0.211%
90	19.939	2895	2899	2903	rVV3	60602	96988	2.64%	0.212%
91	20.280	2954	2957	2961	rBV	167809	195989	5.33%	0.428%
92	20.792	3040	3044	3049	rVB2	414813	527400	14.34%	1.153%
93	21.050	3082	3088	3093	rBV2	2454260	3677142	100.00%	8.036%
94	21.650	3187	3190	3197	rBV3	258735	407413	11.08%	0.890%
95	22.086	3261	3264	3273	rVB	342275	500970	13.62%	1.095%
96	22.562	3340	3345	3349	rBV2	626547	1049023	28.53%	2.292%
97	23.044	3421	3427	3431	rBV	1799525	2982403	81.11%	6.517%
98	23.086	3431	3434	3441	rVB2	635849	1006593	27.37%	2.200%
99	23.174	3444	3449	3465	rVB	1811103	3340691	90.85%	7.300%
100	23.686	3532	3536	3543	rVB	380289	649191	17.65%	1.419%

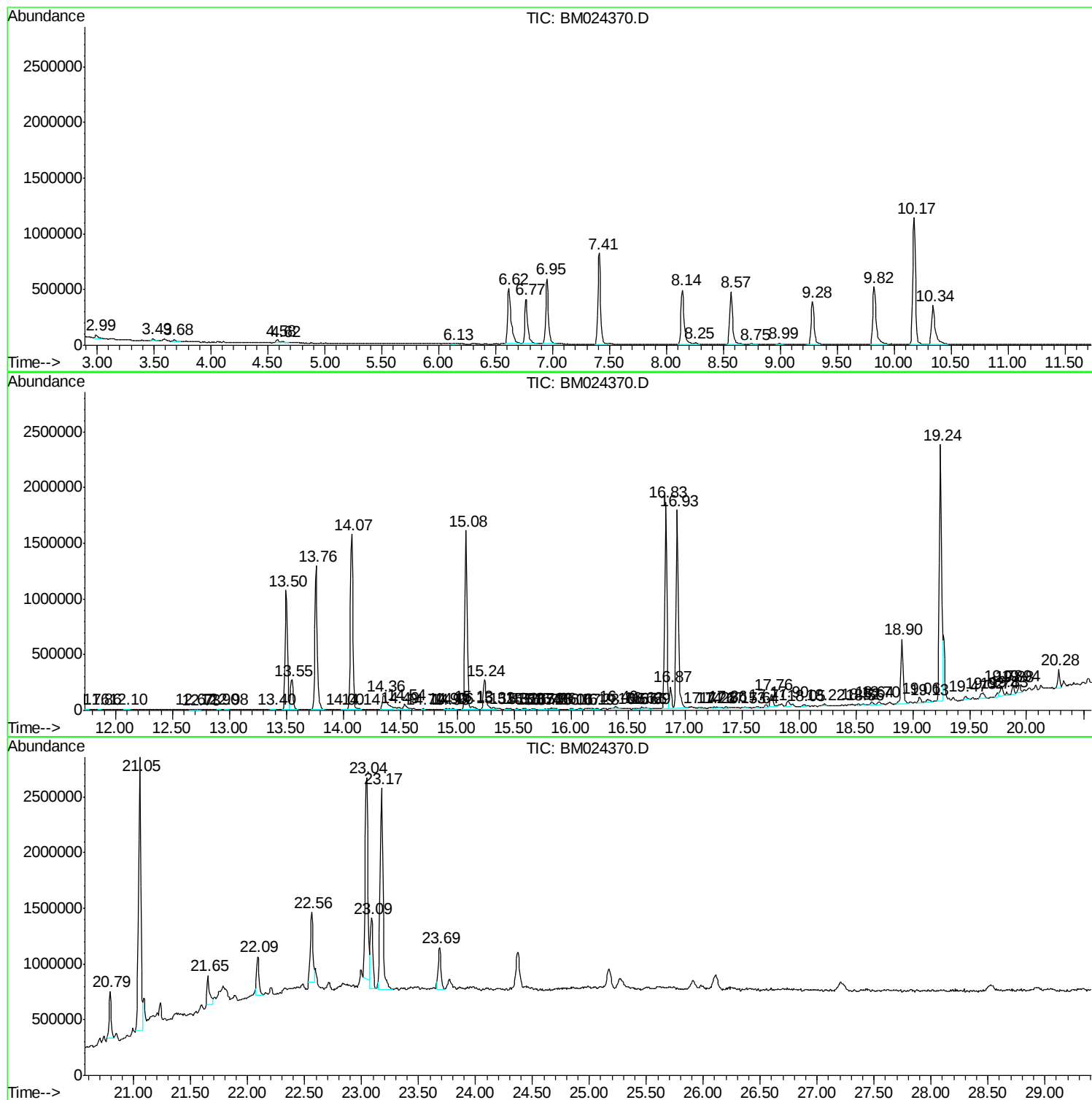
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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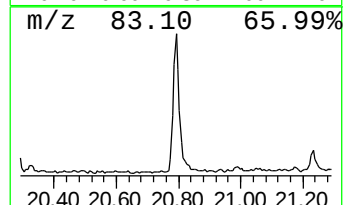
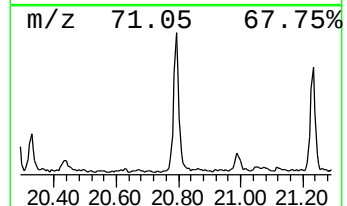
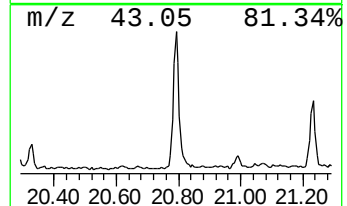
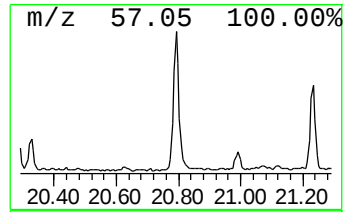
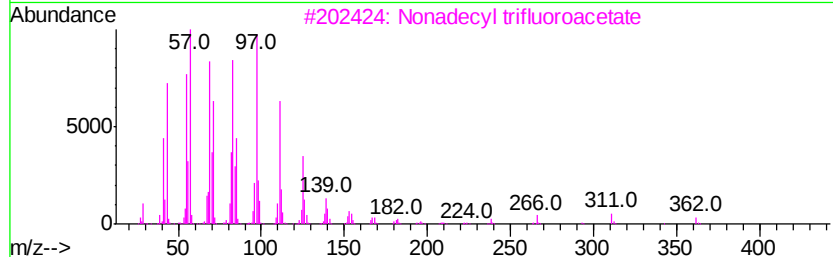
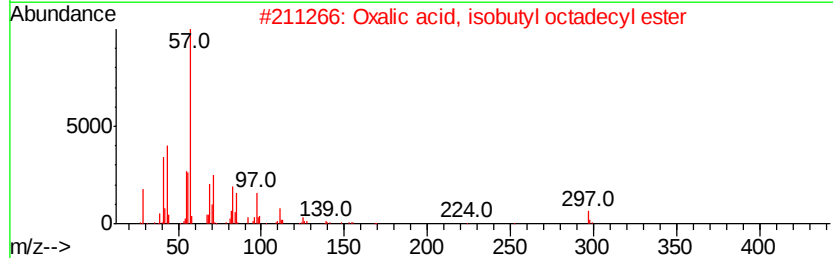
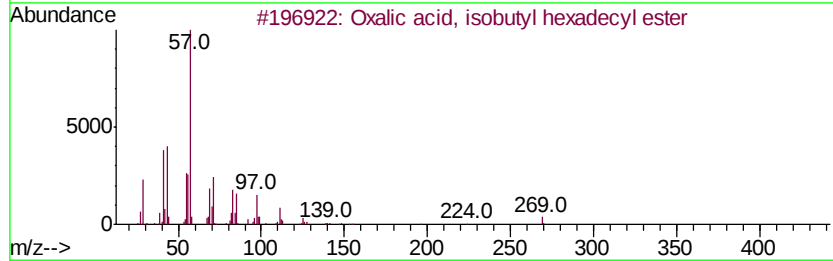
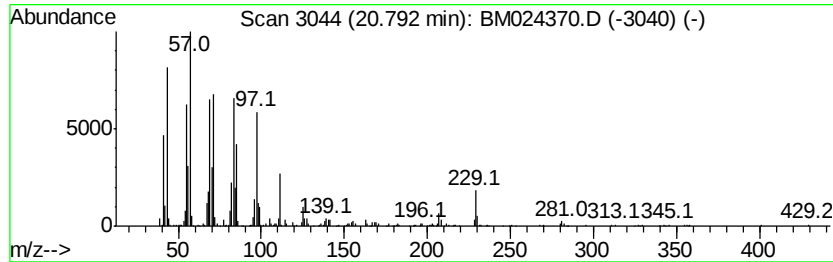
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Oxalic acid, isobutyl hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.79	2.87 ng/ul	527400	Chrysene-d12	21.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl	hexadecyl ...	370	C22H42O4	1000309-38-1	87
2	Oxalic acid, isobutyl	octadecyl ...	398	C24H46O4	1000309-38-3	87
3	Nonadecyl	trifluoroacetate	380	C21H39F3O2	1000351-76-3	83
4	Heptacosyl	trifluoroacetate	492	C29H55F3O2	1000351-75-8	74
5	Heptacosyl	pentafluoropropionate	542	C30H55F5O2	1000351-81-6	74



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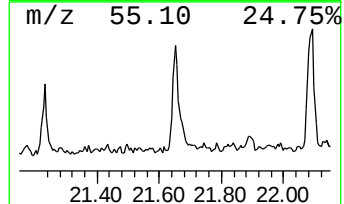
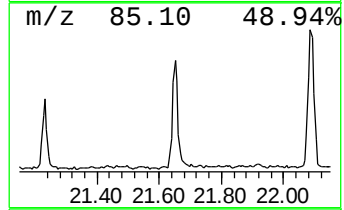
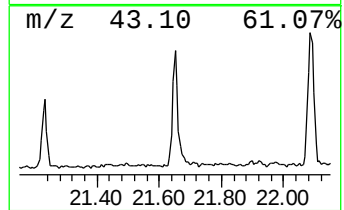
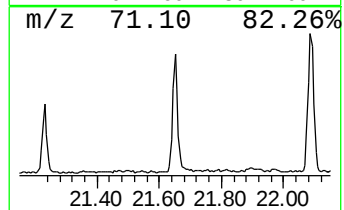
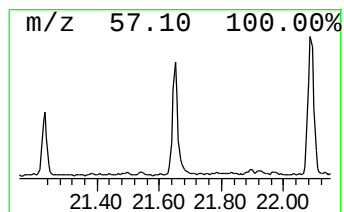
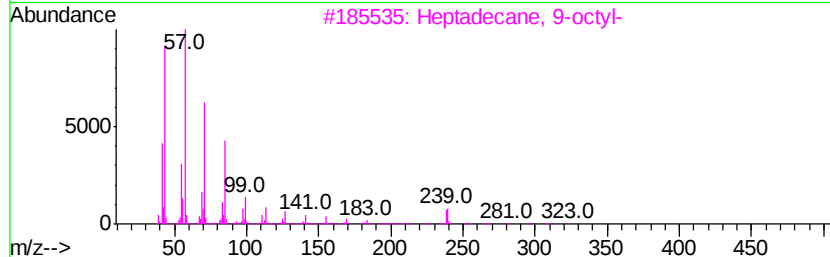
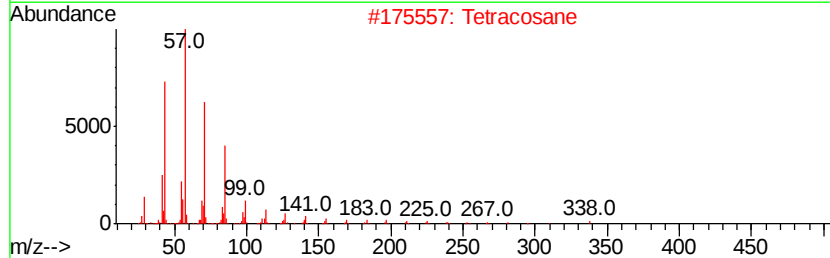
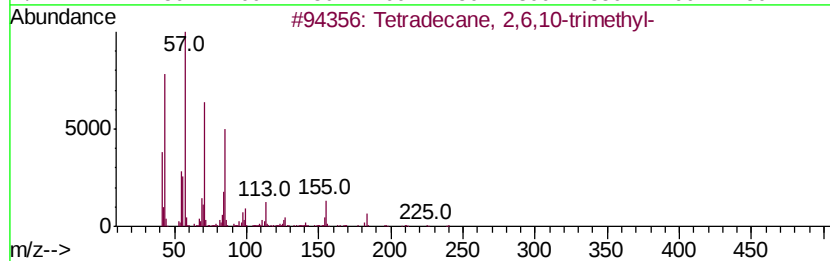
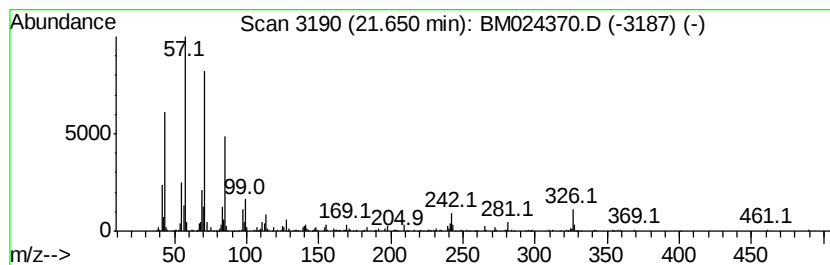
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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.
21.65	2.22 ng/ul	407413	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
2		Tetracosane	338	C24H50	000646-31-1	80
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80



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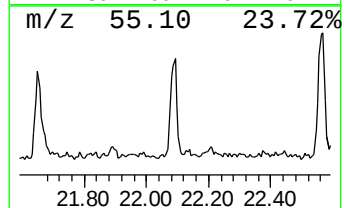
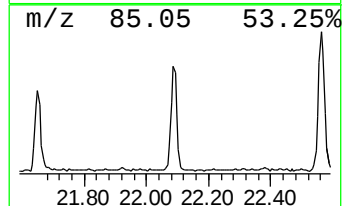
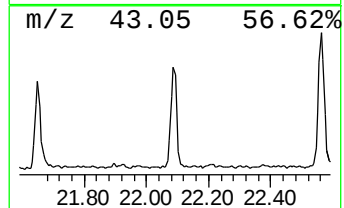
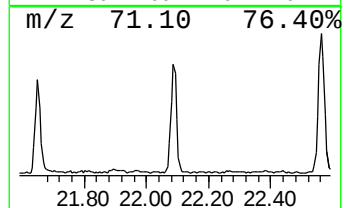
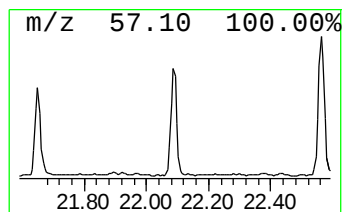
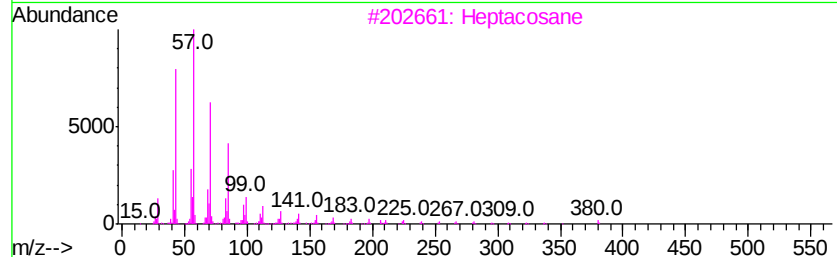
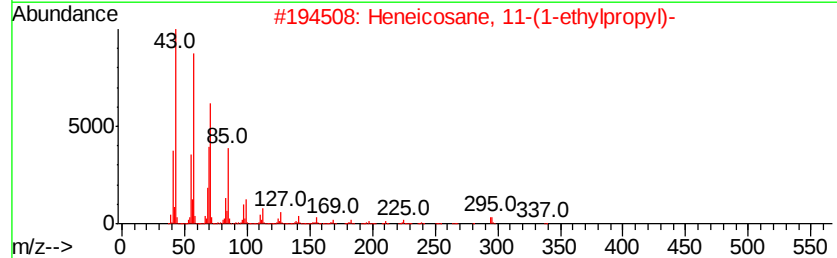
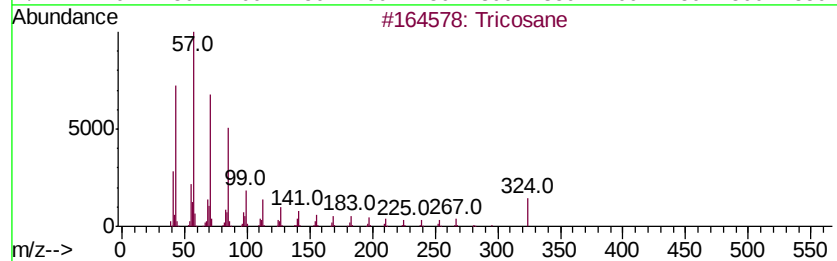
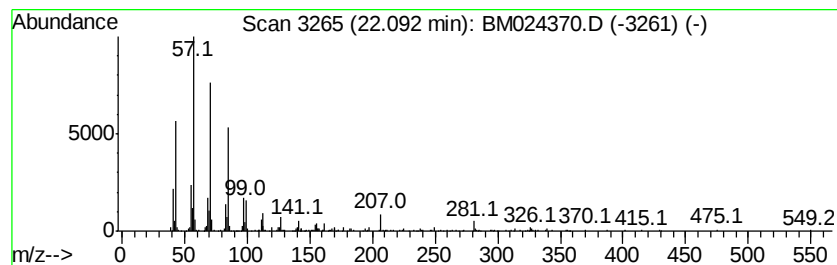
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	2.72 ng/ul	500970	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	87
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3		Heptacosane	380	C27H56	000593-49-7	86
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024370.D
Acq On : 30 Dec 2019 13:22
Operator : JU
Sample : K6322-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C31

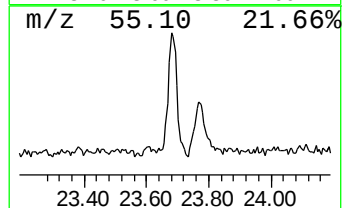
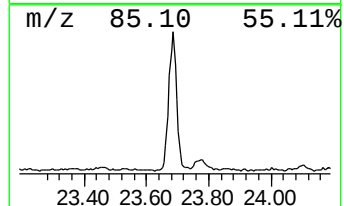
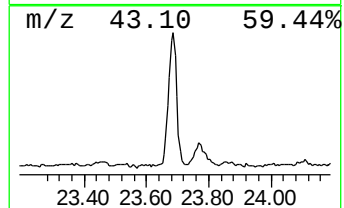
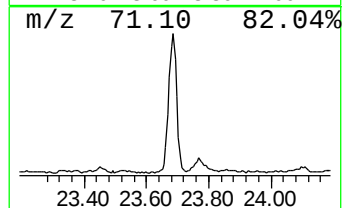
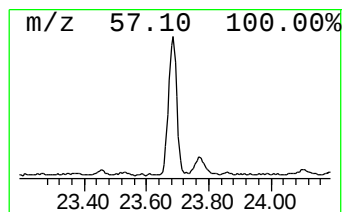
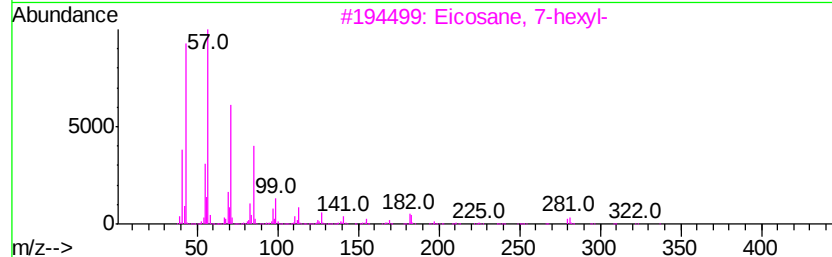
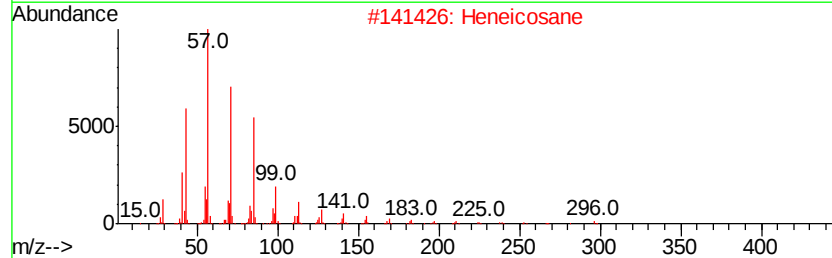
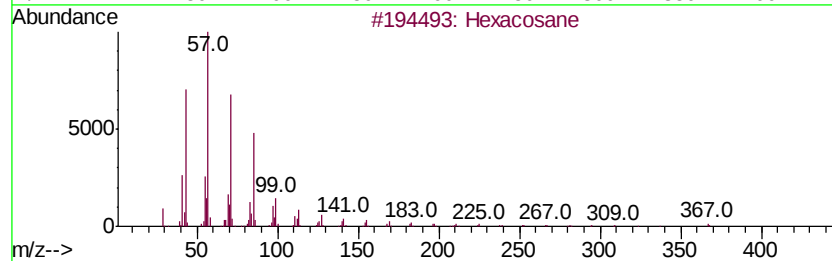
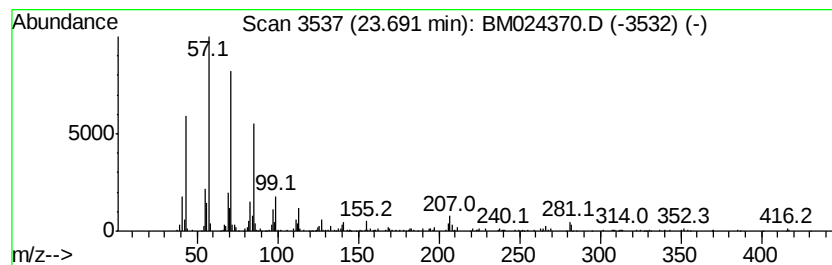
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Quant Title : SVOA CALIBRATION

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.
23.69	3.89 ng/ul	649191	Perylene-d12	23.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Heneicosane	296	C21H44	000629-94-7	90
3			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4			Octacosane	394	C28H58	000630-02-4	87
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM123019\
Data File : BM024370.D
Acq On : 30 Dec 2019 13:22
Operator : JU
Sample : K6322-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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
Oxalic acid, isob...	20.79	2.9	ng/ul	527400	5	21.05	3677140	20.0
(DEL) Alkane: Str...	21.65	2.2	ng/ul	407413	5	21.05	3677140	20.0
(DEL) Alkane: Str...	22.09	2.7	ng/ul	500970	5	21.05	3677140	20.0
(DEL) Alkane: Str...	23.69	3.9	ng/ul	649191	6	23.17	3340690	20.0