

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120619\
 Data File : BM024014.D
 Acq On : 06 Dec 2019 13:55
 Operator : JU
 Sample : K6007-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BL1

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-BM112719MA.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	3.034	22	25	34	rVB	53143	77965	1.34%	0.110%
2	3.534	108	110	114	rVB2	17255	20213	0.35%	0.028%
3	3.646	125	129	135	rVB	38527	66982	1.15%	0.094%
4	3.734	141	144	148	rVB	21306	25826	0.44%	0.036%
5	4.640	295	298	307	rVB	35995	58652	1.01%	0.082%
6	5.528	444	449	456	rVB5	16523	29527	0.51%	0.042%
7	6.669	635	643	660	rBV	886710	1619199	27.76%	2.276%
8	6.828	664	670	683	rBV	712237	1184176	20.30%	1.665%
9	7.016	696	702	713	rVV	975116	1574446	26.99%	2.213%
10	7.122	715	720	727	rVB5	21344	42715	0.73%	0.060%
11	7.369	755	762	767	rBV	65868	103784	1.78%	0.146%
12	7.475	774	780	791	rBV	1103567	1839913	31.55%	2.586%
13	7.563	791	795	802	rVB	52582	81677	1.40%	0.115%
14	8.198	896	903	916	rBV	1048399	1788148	30.66%	2.514%
15	8.310	919	922	929	rVB2	28747	47568	0.82%	0.067%
16	8.628	969	976	987	rBV	792147	1395925	23.93%	1.962%
17	8.710	987	990	998	rVB5	17433	28075	0.48%	0.039%
18	9.075	1045	1052	1057	rBV2	19513	31818	0.55%	0.045%
19	9.345	1092	1098	1120	rVV	658054	1161230	19.91%	1.632%
20	9.886	1183	1190	1201	rBV	1013441	1828930	31.36%	2.571%
21	10.116	1222	1229	1235	rBV	167495	273143	4.68%	0.384%
22	10.245	1244	1251	1268	rVB	1469794	2533987	43.44%	3.562%
23	10.398	1270	1277	1295	rBV	762593	1548848	26.55%	2.177%
24	10.633	1313	1317	1323	rVB6	16759	28382	0.49%	0.040%
25	11.298	1425	1430	1434	rBV6	9303	15143	0.26%	0.021%
26	11.704	1490	1499	1506	rBV5	11392	24500	0.42%	0.034%
27	11.857	1520	1525	1530	rVB	18302	31691	0.54%	0.045%
28	11.933	1530	1538	1546	rBV	21456	42152	0.72%	0.059%
29	12.151	1570	1575	1583	rVV	15642	31201	0.53%	0.044%
30	12.974	1709	1715	1723	rVB6	26825	45167	0.77%	0.063%
31	13.292	1766	1769	1771	rBV3	12448	16167	0.28%	0.023%
32	13.316	1771	1773	1778	rVB5	12332	15199	0.26%	0.021%
33	13.374	1778	1783	1787	rBV4	22046	34968	0.60%	0.049%
34	13.463	1792	1798	1802	rVV5	23880	49593	0.85%	0.070%

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35	13.510	1802	1806	1809	rVV4	15899	27917	0.48%	0.039%
36	13.563	1809	1815	1819	rVV	1836676	2644948	45.35%	3.718%
37	13.610	1819	1823	1833	rVV	638467	918647	15.75%	1.291%
38	13.692	1833	1837	1842	rVB6	14433	22360	0.38%	0.031%
39	13.827	1852	1860	1875	rBV	2244000	3360574	57.62%	4.724%
40	14.063	1894	1900	1905	rVB3	21771	34554	0.59%	0.049%
41	14.139	1905	1913	1921	rBV2	2238257	3347659	57.40%	4.706%
42	14.198	1921	1923	1928	rVV5	16509	27340	0.47%	0.038%
43	14.374	1946	1953	1973	rBV	421933	965979	16.56%	1.358%
44	14.545	1977	1982	1985	rVV2	39657	69087	1.18%	0.097%
45	14.580	1985	1988	1994	rVV	101185	172633	2.96%	0.243%
46	14.627	1994	1996	2000	rVV4	20824	21986	0.38%	0.031%
47	14.686	2005	2006	2013	rVB6	14470	16755	0.29%	0.024%
48	14.821	2026	2029	2033	rVB5	13852	20114	0.34%	0.028%
49	15.021	2059	2063	2067	rVB2	28156	34688	0.59%	0.049%
50	15.139	2076	2083	2089	rBV	3013010	4232810	72.57%	5.950%
51	15.192	2089	2092	2101	rVV3	57180	105904	1.82%	0.149%
52	15.280	2101	2107	2117	rVV	682232	1001753	17.17%	1.408%
53	15.374	2117	2123	2128	rVB5	36609	75695	1.30%	0.106%
54	15.498	2140	2144	2146	rBV4	13035	20802	0.36%	0.029%
55	15.586	2154	2159	2163	rBV6	16621	23163	0.40%	0.033%
56	15.639	2164	2168	2175	rVB6	17240	36190	0.62%	0.051%
57	15.727	2177	2183	2186	rBV6	10394	16880	0.29%	0.024%
58	15.892	2206	2211	2214	rVV5	24922	40567	0.70%	0.057%
59	15.921	2214	2216	2219	rVB4	13748	16448	0.28%	0.023%
60	16.057	2235	2239	2242	rBV6	12445	15479	0.27%	0.022%
61	16.145	2250	2254	2258	rVV	27272	40160	0.69%	0.056%
62	16.204	2258	2264	2269	rVV8	16551	30588	0.52%	0.043%
63	16.251	2269	2272	2277	rVB5	17879	29223	0.50%	0.041%
64	16.304	2277	2281	2285	rBV4	18743	31028	0.53%	0.044%
65	16.557	2320	2324	2331	rVB8	16039	30065	0.52%	0.042%
66	16.633	2332	2337	2342	rVV7	15671	34504	0.59%	0.049%
67	16.680	2342	2345	2348	rVV2	36956	51045	0.88%	0.072%
68	16.715	2348	2351	2359	rVB2	31036	56667	0.97%	0.080%
69	16.892	2374	2381	2385	rBV	2771859	3812633	65.37%	5.359%
70	16.933	2385	2388	2392	rVV	475763	633643	10.86%	0.891%
71	16.992	2392	2398	2410	rVV	3108309	4678981	80.22%	6.577%

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72	17.104	2412	2417	2422	rVB7	24047	53157	0.91%	0.075%
73	17.304	2448	2451	2455	rVB2	33572	47737	0.82%	0.067%
74	17.421	2467	2471	2474	rVB2	22513	26395	0.45%	0.037%
75	17.621	2501	2505	2511	rVB9	18280	28535	0.49%	0.040%
76	17.774	2526	2531	2534	rBV	45361	70177	1.20%	0.099%
77	17.815	2534	2538	2549	rVV2	332630	526603	9.03%	0.740%
78	17.962	2558	2563	2567	rBV2	90884	147543	2.53%	0.207%
79	18.115	2586	2589	2595	rVB5	27268	39922	0.68%	0.056%
80	18.280	2613	2617	2621	rVB	44045	65202	1.12%	0.092%
81	18.580	2665	2668	2671	rBV3	22945	28086	0.48%	0.039%
82	18.698	2685	2688	2693	rBV	35908	50188	0.86%	0.071%
83	18.756	2695	2698	2703	rVV5	39499	52543	0.90%	0.074%
84	18.851	2709	2714	2719	rBV9	22941	52344	0.90%	0.074%
85	18.962	2724	2733	2741	rVV	883695	1238967	21.24%	1.742%
86	19.109	2754	2758	2765	rBV3	155763	249967	4.29%	0.351%
87	19.180	2768	2770	2779	rVB3	47754	114930	1.97%	0.162%
88	19.298	2784	2790	2794	rBV	4059035	5832633	100.00%	8.199%
89	19.833	2878	2881	2886	rVB	124153	149817	2.57%	0.211%
90	19.880	2886	2889	2894	rBV3	56515	73679	1.26%	0.104%
91	19.933	2895	2898	2902	rVV2	100724	123885	2.12%	0.174%
92	20.380	2972	2974	2978	rVB	96164	89678	1.54%	0.126%
93	20.844	3049	3053	3058	rBV	564057	733077	12.57%	1.030%
94	21.097	3090	3096	3101	rBV	3528299	5035520	86.33%	7.078%
95	21.280	3125	3127	3134	rVB	218470	234941	4.03%	0.330%
96	21.703	3196	3199	3203	rBV2	293545	326230	5.59%	0.459%
97	22.144	3271	3274	3282	rVB	426422	548348	9.40%	0.771%
98	23.109	3432	3438	3443	rBV	3349253	5527244	94.76%	7.770%
99	23.244	3455	3461	3468	rBV2	2586840	4470231	76.64%	6.284%
100	23.774	3547	3551	3558	rVB	470462	805108	13.80%	1.132%

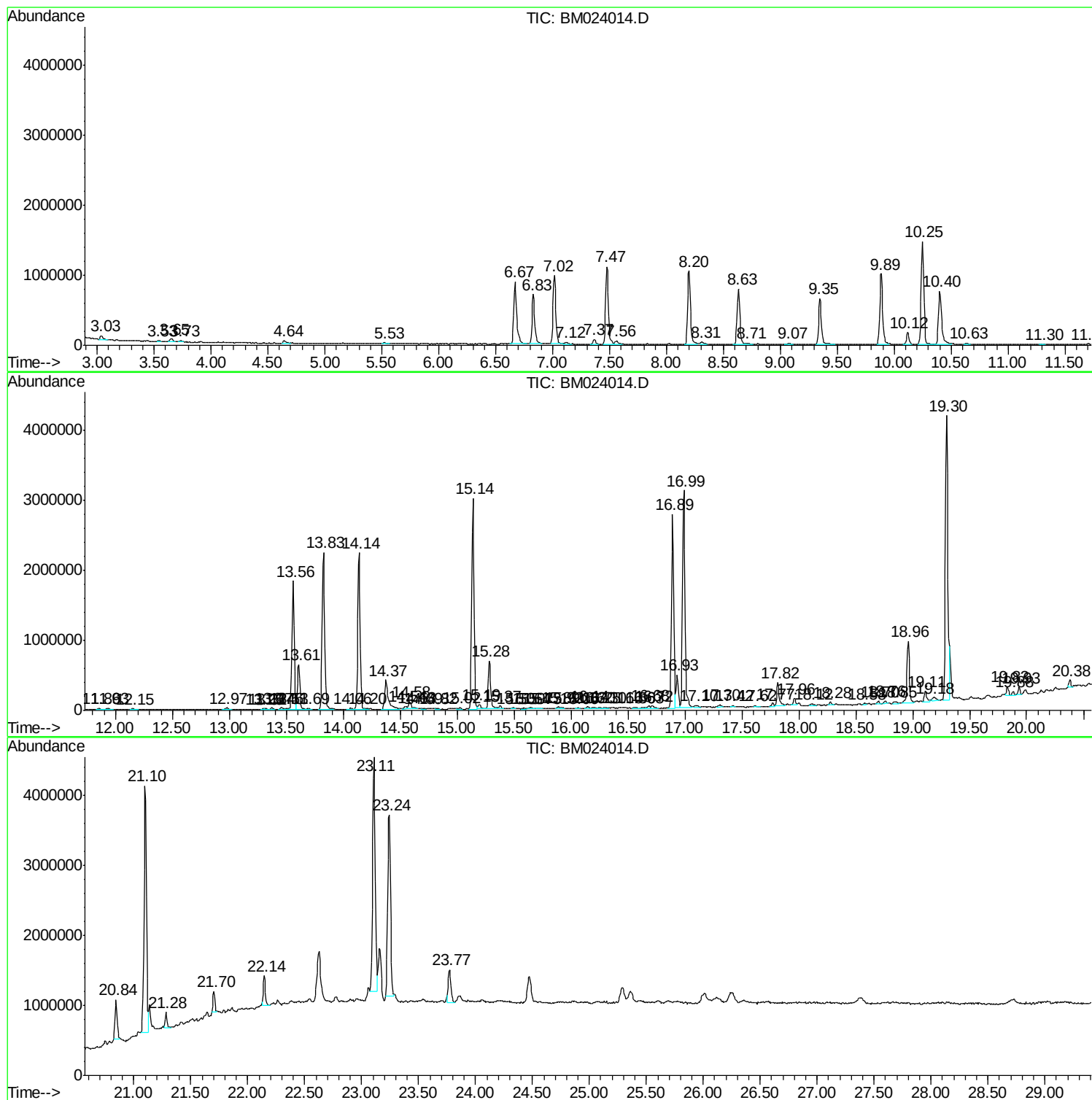
Sum of corrected areas: 71139066

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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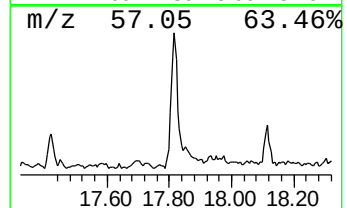
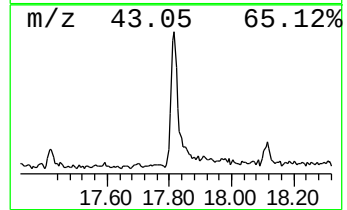
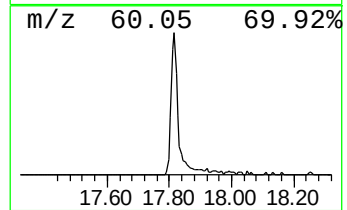
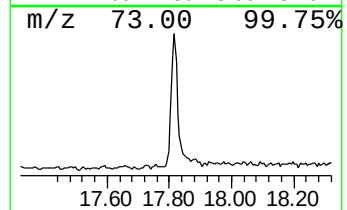
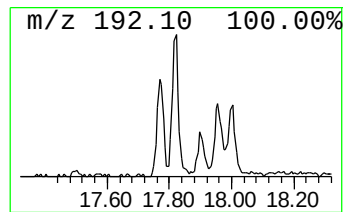
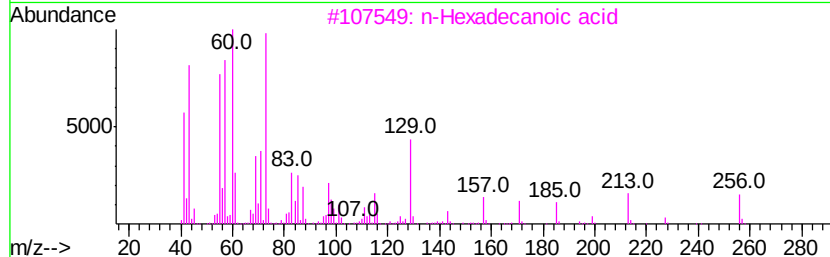
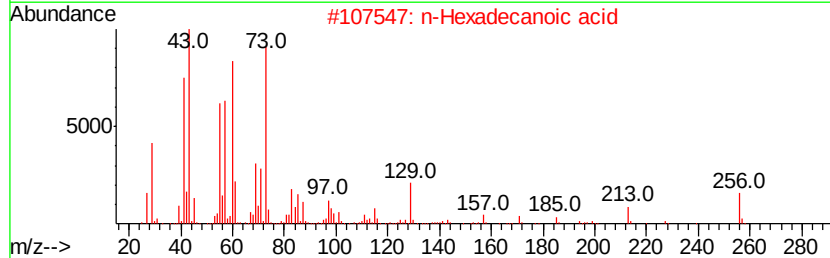
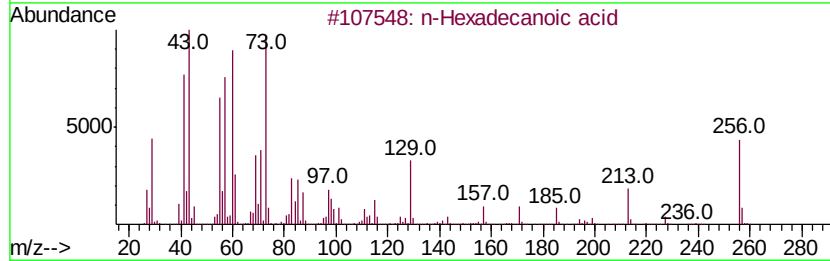
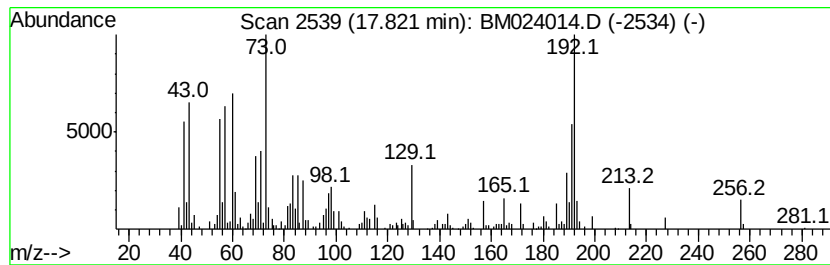
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.76 ng/ul	526603	Phenanthrene-d10	16.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	68



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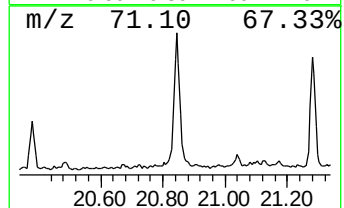
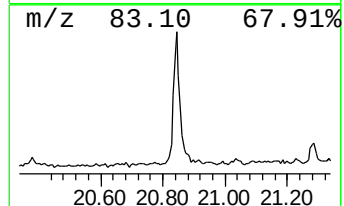
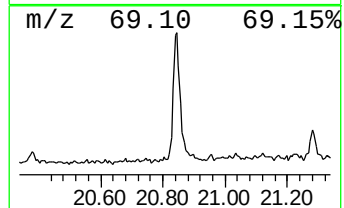
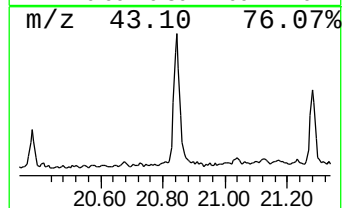
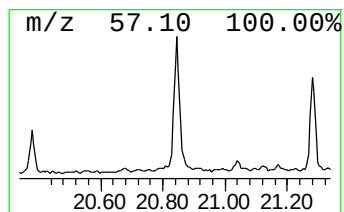
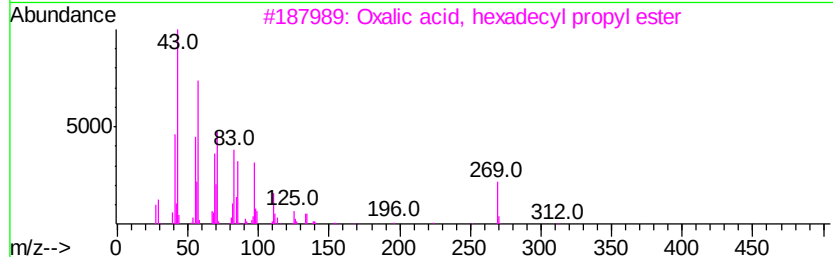
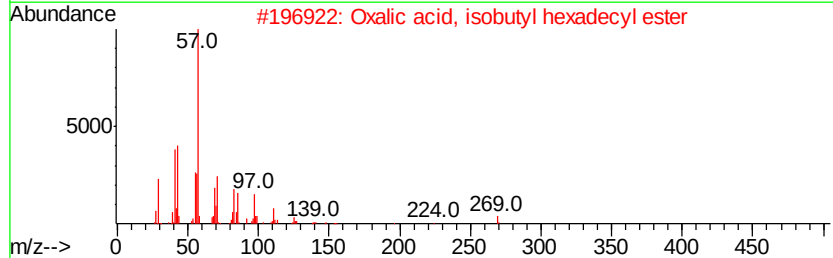
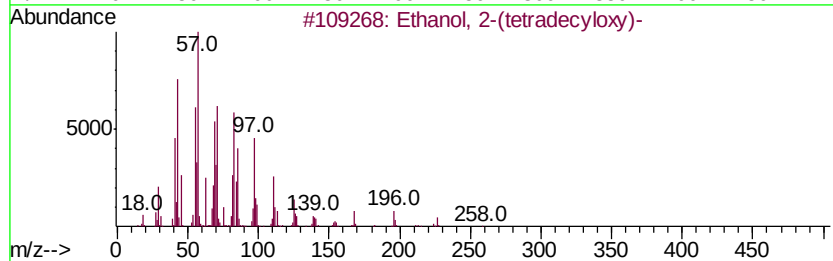
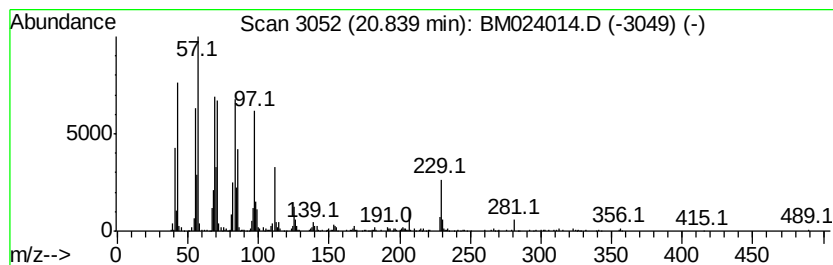
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Ethanol, 2-(tetradecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.84	2.91 ng/ul	733077	Chrysene-d12	21.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
3		Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	87
4		Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	87
5		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	74



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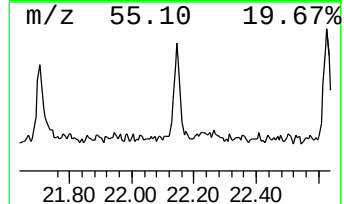
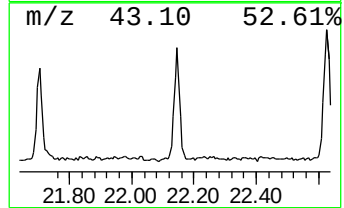
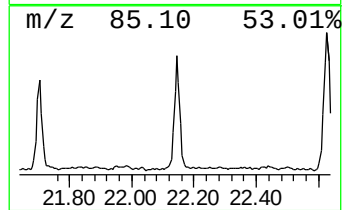
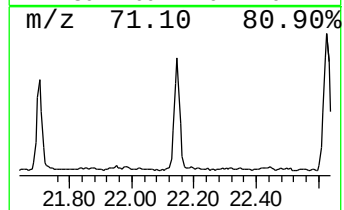
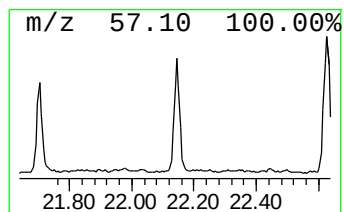
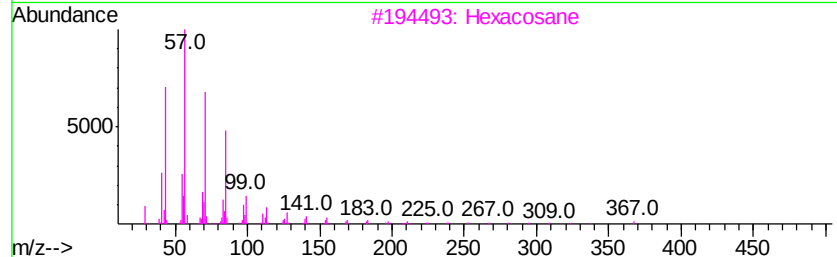
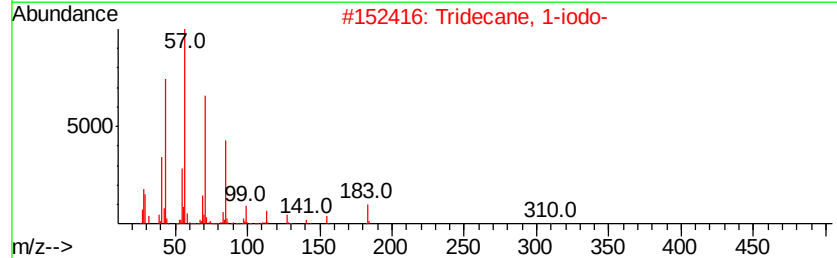
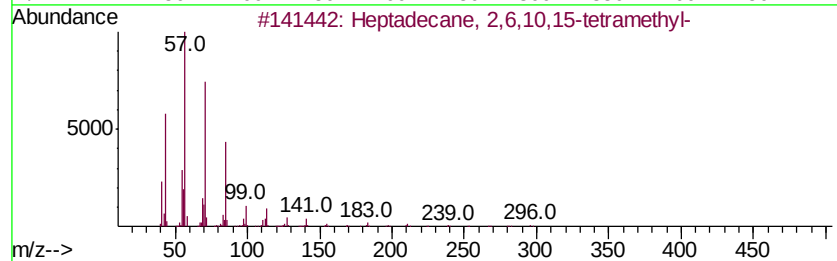
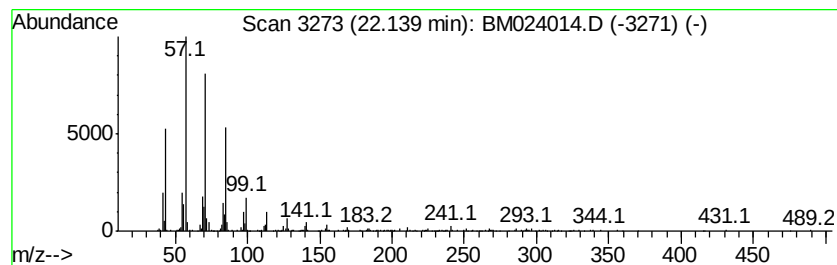
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	2.18 ng/ul	548348	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120619\
Data File : BM024014.D
Acq On : 06 Dec 2019 13:55
Operator : JU
Sample : K6007-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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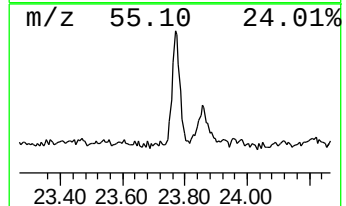
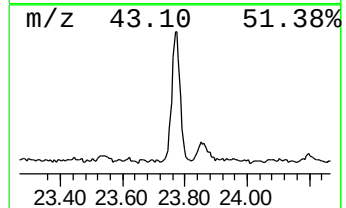
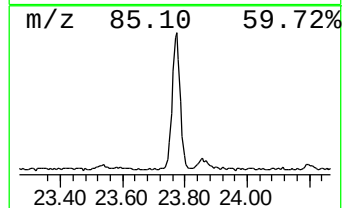
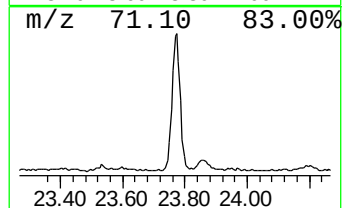
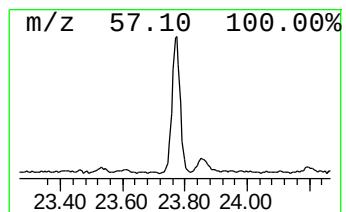
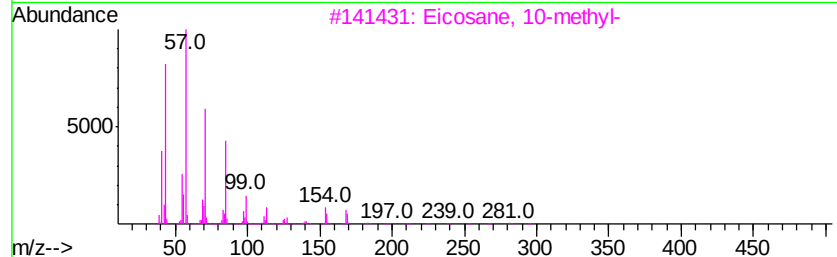
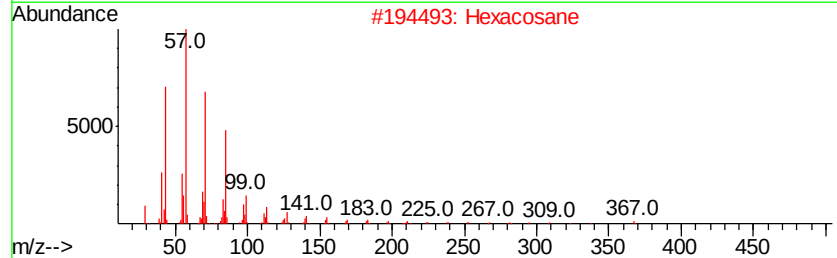
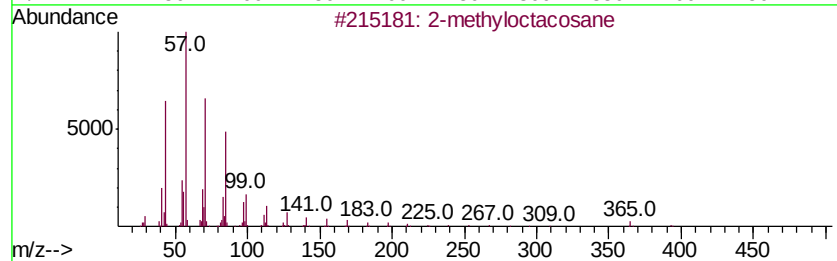
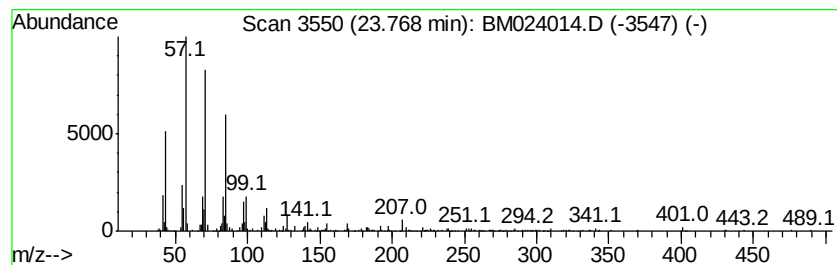
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Quant Title : SVOA CALIBRATION

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.
23.77	3.60 ng/ul	805108	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120619\
Data File : BM024014.D
Acq On : 06 Dec 2019 13:55
Operator : JU
Sample : K6007-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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
n-Hexadecanoic acid	17.82	2.8	ng/ul	526603	4	16.89	3812630	20.0
Ethanol, 2-(tetra...	20.84	2.9	ng/ul	733077	5	21.10	5035520	20.0
(DEL) Alkane: Str...	22.14	2.2	ng/ul	548348	5	21.10	5035520	20.0
(DEL) Alkane: Str...	23.77	3.6	ng/ul	805108	6	23.24	4470230	20.0