

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041019\
 Data File : BM019886.D
 Acq On : 11 Apr 2019 05:32
 Operator : JU/SJ
 Sample : K2303-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF898

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-BM032219MA.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	3.116	19	22	33	rVB	29037	55153	1.89%	0.252%
2	3.616	103	107	115	rVB	31328	52628	1.81%	0.240%
3	4.499	255	257	260	rBV2	2464	2988	0.10%	0.014%
4	4.705	289	292	296	rBV5	4323	6821	0.23%	0.031%
5	5.646	449	452	454	rBV4	2797	3130	0.11%	0.014%
6	6.216	545	549	551	rBV4	3776	4153	0.14%	0.019%
7	6.446	583	588	593	rBV5	3842	6494	0.22%	0.030%
8	6.510	596	599	603	rVB4	4230	5523	0.19%	0.025%
9	6.757	634	641	660	rBV	144961	350467	12.04%	1.601%
10	6.910	660	667	681	rBV	171384	324167	11.13%	1.481%
11	7.093	692	698	710	rVB	239671	409431	14.06%	1.870%
12	7.551	770	776	784	rBV	507441	823386	28.28%	3.762%
13	8.281	894	900	913	rBV	193259	409839	14.08%	1.872%
14	8.728	967	976	990	rBV	205024	395625	13.59%	1.807%
15	8.863	995	999	1003	rVB4	3591	5400	0.19%	0.025%
16	9.034	1023	1028	1034	rVB	17750	26791	0.92%	0.122%
17	9.228	1060	1061	1066	rVB3	2898	3293	0.11%	0.015%
18	9.440	1091	1097	1109	rBV	136299	274962	9.44%	1.256%
19	9.540	1111	1114	1121	rVB4	9639	20108	0.69%	0.092%
20	9.810	1156	1160	1161	rBV2	3279	3486	0.12%	0.016%
21	9.875	1167	1171	1176	rBV5	4720	8455	0.29%	0.039%
22	9.987	1182	1190	1209	rBV2	142708	403780	13.87%	1.845%
23	10.328	1241	1248	1258	rBV	623148	1082222	37.17%	4.944%
24	10.539	1278	1284	1293	rBV5	8767	26840	0.92%	0.123%
25	10.734	1310	1317	1322	rVB7	4886	10827	0.37%	0.049%
26	10.910	1340	1347	1350	rBV3	3004	5989	0.21%	0.027%
27	11.186	1389	1394	1398	rBV4	9476	15903	0.55%	0.073%
28	11.522	1449	1451	1456	rVB2	2492	2958	0.10%	0.014%
29	11.734	1482	1487	1488	rBV3	4038	5130	0.18%	0.023%
30	12.804	1667	1669	1673	rVB3	3158	3931	0.14%	0.018%
31	12.851	1673	1677	1679	rBV	3399	3929	0.13%	0.018%
32	12.933	1686	1691	1696	rVB4	3662	8175	0.28%	0.037%
33	13.004	1699	1703	1706	rVB3	3614	5730	0.20%	0.026%
34	13.322	1754	1757	1760	rVB2	2413	3379	0.12%	0.015%

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35	13.439	1774	1777	1781	rVB4	3095	4228	0.15%	0.019%
36	13.498	1781	1787	1792	rBV	89358	118895	4.08%	0.543%
37	13.633	1805	1810	1815	rBV	350689	524969	18.03%	2.398%
38	13.686	1815	1819	1830	rVB	132315	234416	8.05%	1.071%
39	13.910	1848	1857	1871	rBV	567521	879941	30.22%	4.020%
40	14.092	1882	1888	1893	rVB5	6920	11533	0.40%	0.053%
41	14.216	1903	1909	1918	rBV2	855363	1314665	45.15%	6.006%
42	14.298	1918	1923	1927	rVB5	18273	26680	0.92%	0.122%
43	14.439	1944	1947	1951	rBV2	5648	8717	0.30%	0.040%
44	14.480	1951	1954	1957	rVB4	5259	4948	0.17%	0.023%
45	14.563	1960	1968	1970	rBV5	12017	24506	0.84%	0.112%
46	14.657	1981	1984	1985	rBV3	3798	3764	0.13%	0.017%
47	14.675	1985	1987	1990	rVB4	10222	11057	0.38%	0.051%
48	14.757	2000	2001	2006	rVB3	3434	4190	0.14%	0.019%
49	14.980	2037	2039	2041	rBV2	3157	3951	0.14%	0.018%
50	15.004	2041	2043	2047	rVB4	4655	6520	0.22%	0.030%
51	15.051	2049	2051	2056	rVV4	6617	8072	0.28%	0.037%
52	15.104	2056	2060	2061	rBV4	3407	4213	0.14%	0.019%
53	15.122	2061	2063	2066	rVB5	5995	5473	0.19%	0.025%
54	15.216	2071	2079	2093	rBV	694179	1107875	38.05%	5.061%
55	15.333	2097	2099	2103	rVV5	4309	4383	0.15%	0.020%
56	15.410	2108	2112	2115	rBV4	5825	9779	0.34%	0.045%
57	15.451	2115	2119	2124	rVB5	23866	35693	1.23%	0.163%
58	15.563	2134	2138	2139	rBV5	3652	3639	0.12%	0.017%
59	15.616	2142	2147	2148	rVV4	3802	4931	0.17%	0.023%
60	15.633	2148	2150	2152	rVV3	7068	7514	0.26%	0.034%
61	15.651	2152	2153	2161	rVB6	7505	15620	0.54%	0.071%
62	15.780	2171	2175	2176	rBV4	5199	6651	0.23%	0.030%
63	15.798	2176	2178	2184	rVB5	7197	10765	0.37%	0.049%
64	15.921	2195	2199	2205	rBV6	15053	27111	0.93%	0.124%
65	16.139	2233	2236	2240	rBV5	7606	10244	0.35%	0.047%
66	16.257	2253	2256	2261	rBV5	11954	16609	0.57%	0.076%
67	16.321	2264	2267	2269	rVV4	5361	4853	0.17%	0.022%
68	16.386	2274	2278	2281	rBV5	6576	11222	0.39%	0.051%
69	16.545	2304	2305	2307	rBV2	4124	3395	0.12%	0.016%
70	16.592	2311	2313	2316	rBV4	3210	4088	0.14%	0.019%
71	16.663	2322	2325	2329	rBV5	5404	7409	0.25%	0.034%

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72	16.710	2329	2333	2335	rBV5	8086	11827	0.41%	0.054%
73	16.739	2336	2338	2340	rBV3	9061	8877	0.30%	0.041%
74	16.845	2354	2356	2359	rBV4	6883	7651	0.26%	0.035%
75	16.886	2359	2363	2364	rBV3	5822	8312	0.29%	0.038%
76	16.980	2373	2379	2388	rBV	1054131	1525408	52.39%	6.969%
77	17.080	2390	2396	2406	rVB	755380	1082051	37.16%	4.943%
78	17.292	2430	2432	2433	rBV2	5937	3522	0.12%	0.016%
79	17.321	2433	2437	2439	rBV5	7201	10699	0.37%	0.049%
80	17.363	2439	2444	2445	rBV4	12557	16846	0.58%	0.077%
81	17.868	2526	2530	2538	rBV	127910	227885	7.83%	1.041%
82	18.145	2575	2577	2580	rBV4	19159	21985	0.76%	0.100%
83	19.168	2748	2751	2757	rBV3	68419	111643	3.83%	0.510%
84	19.392	2784	2789	2797	rBV2	890450	1311357	45.04%	5.991%
85	20.892	3041	3044	3051	rVB	511081	602735	20.70%	2.754%
86	21.092	3075	3078	3082	rBV	374602	389061	13.36%	1.777%
87	21.192	3091	3095	3101	rBV	1571441	2039070	70.03%	9.315%
88	23.403	3467	3471	3482	rVB2	1297947	2335441	80.21%	10.669%
89	25.974	3903	3908	3919	rVB3	1134939	2911596	100.00%	13.301%

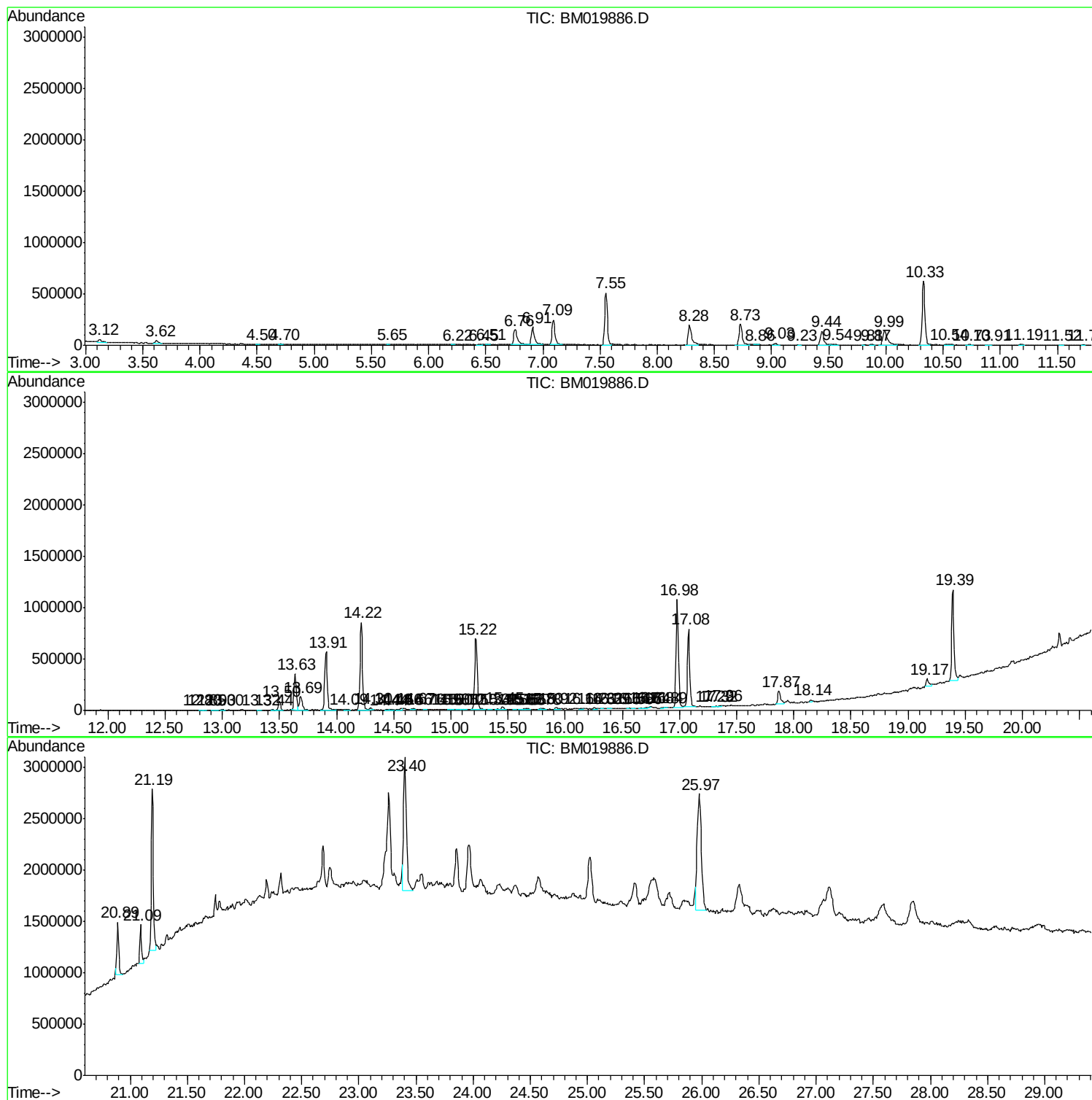
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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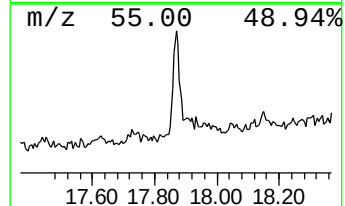
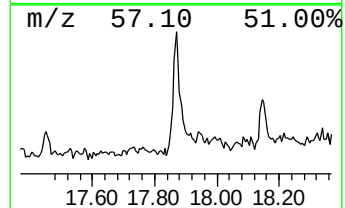
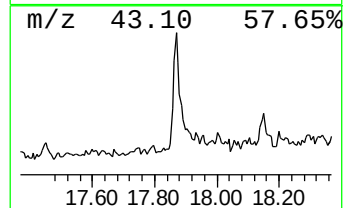
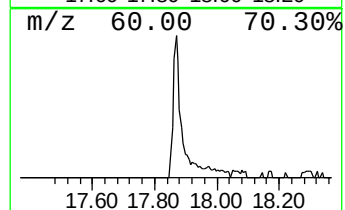
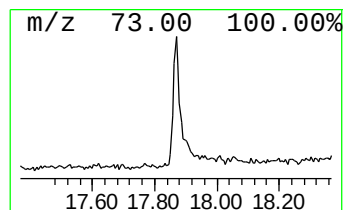
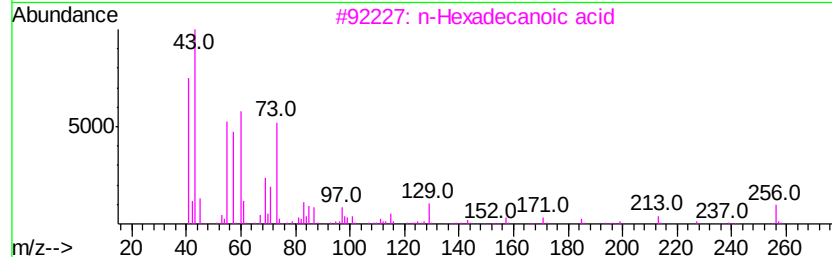
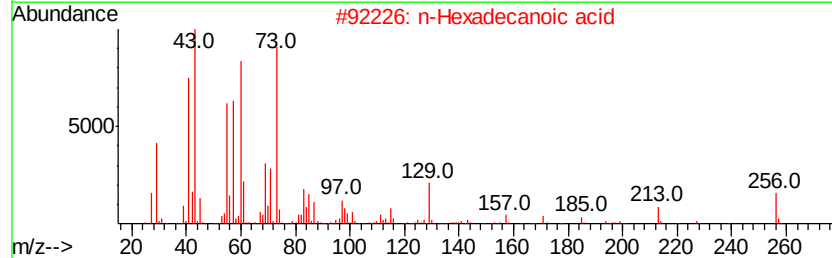
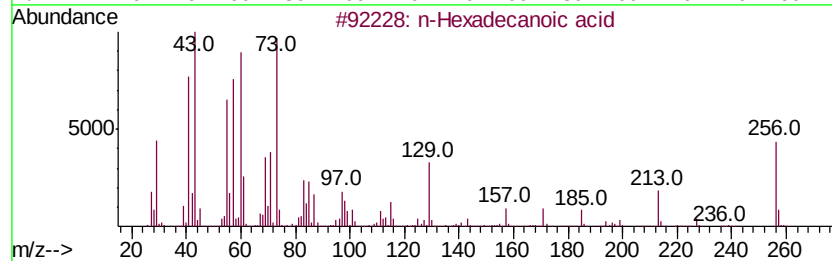
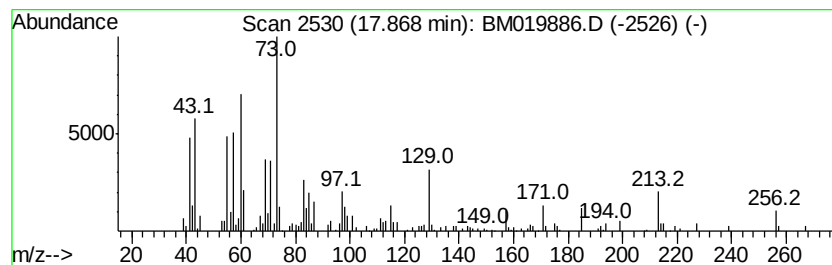
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.99 ng/ul	227885	Phenanthrene-d10	16.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
4	Tridecanoic acid	214 C13H26O2	000638-53-9	70
5	Tridecanoic acid	214 C13H26O2	000638-53-9	60



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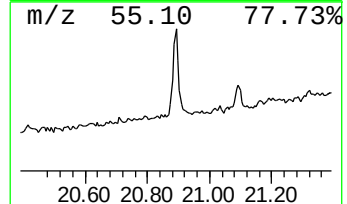
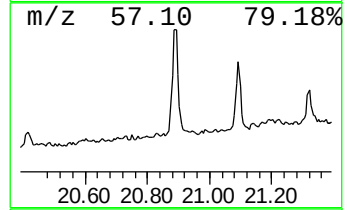
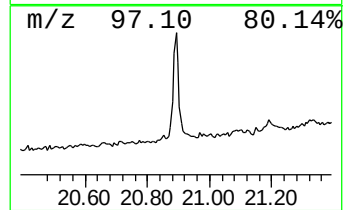
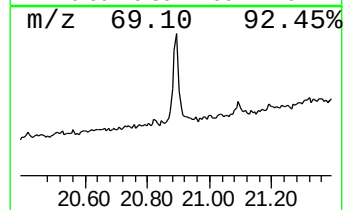
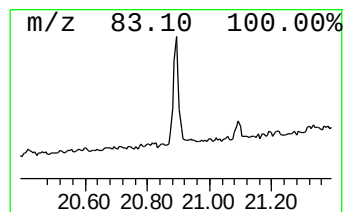
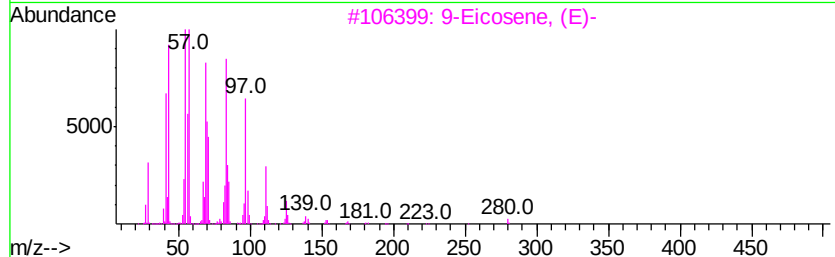
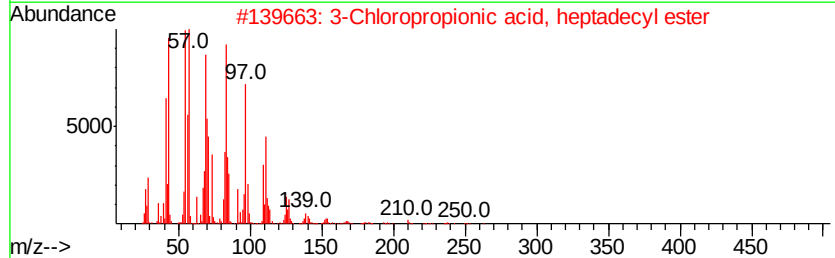
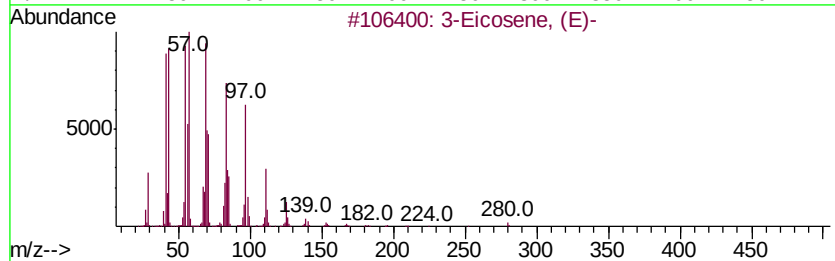
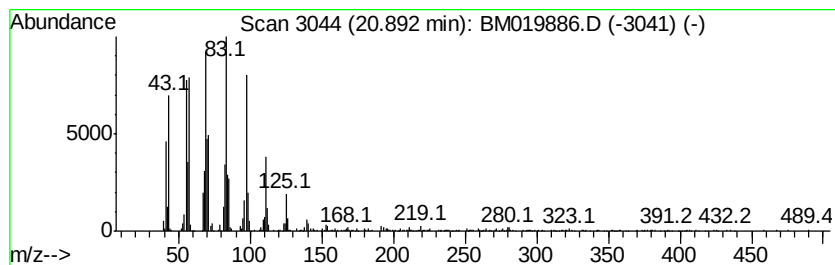
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	5.91 ng/ul	602735	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Eicosene, (E)-		280 C20H40	074685-33-9 96
2	3-Chloropropionic acid, heptadec...		346 C20H39ClO2	1000283-05-1 91
3	9-Eicosene, (E)-		280 C20H40	074685-29-3 91
4	Trichloroacetic acid, pentadecyl...		372 C17H31Cl3O2	074339-53-0 91
5	Bromoacetic acid, hexadecyl ester		362 C18H35BrO2	005454-48-8 91



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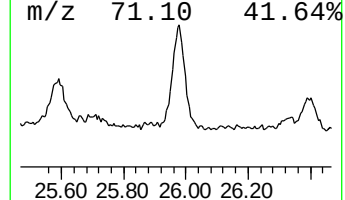
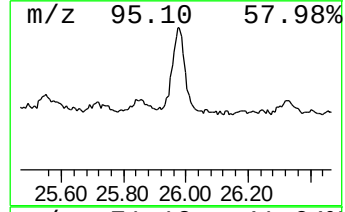
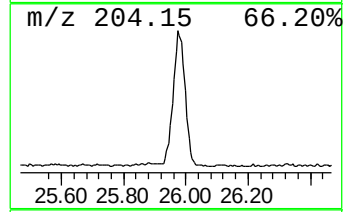
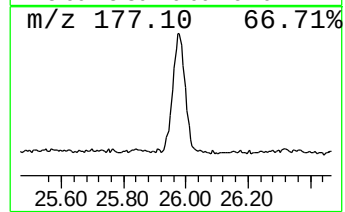
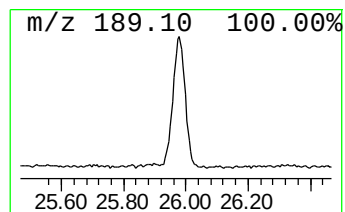
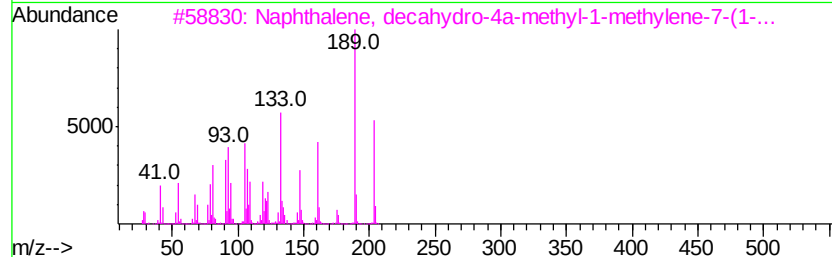
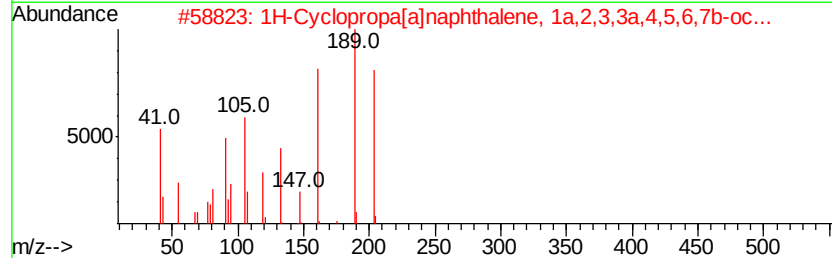
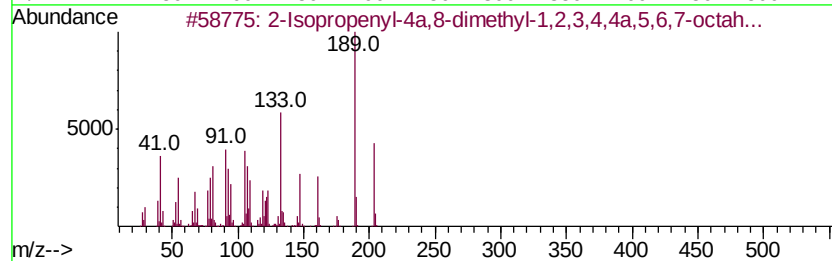
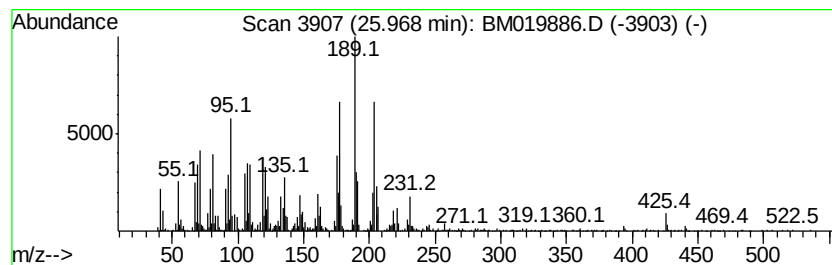
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.97	24.93 ng/ul	2911600	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	46
2		1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	1000147-32-8	43
3		Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	38
4		1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	38
5		Aciphyllene	204	C15H24	087745-31-1	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	3.0	ng/ul	227885	4	16.98	1525410	20.0
(DEL) Alkane: Cyc...	20.89	5.9	ng/ul	602735	5	21.19	2039070	20.0
unknown-01	25.97	24.9	ng/ul	2911600	6	23.40	2335440	20.0