

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
 Data File : BM019493.D
 Acq On : 27 Mar 2019 05:03
 Operator : JU/SJ
 Sample : K2044-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5W3

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	3.146	24	27	35	rVB	42023	58793	1.68%	0.188%
2	3.652	109	113	120	rVB	33414	48508	1.39%	0.155%
3	3.746	123	129	135	rVB2	20285	33998	0.97%	0.109%
4	3.846	139	146	149	rBV8	5103	10264	0.29%	0.033%
5	4.740	294	298	301	rBV2	23046	34641	0.99%	0.111%
6	4.775	301	304	309	rVB2	15075	21949	0.63%	0.070%
7	5.845	482	486	492	rVB5	5200	10539	0.30%	0.034%
8	6.245	552	554	561	rVB5	5874	9551	0.27%	0.031%
9	6.710	630	633	639	rBV4	13690	22725	0.65%	0.073%
10	6.781	639	645	658	rBV	313064	594280	17.03%	1.901%
11	6.951	668	674	689	rBV	261185	477746	13.69%	1.528%
12	7.063	689	693	699	rVV8	11483	20254	0.58%	0.065%
13	7.134	699	705	719	rVV	381262	626839	17.96%	2.005%
14	7.387	740	748	754	rVB7	8674	21385	0.61%	0.068%
15	7.492	761	766	770	rVV6	9163	16008	0.46%	0.051%
16	7.539	770	774	778	rVB3	10471	14540	0.42%	0.047%
17	7.598	778	784	796	rBV	696279	1142850	32.75%	3.655%
18	7.745	804	809	814	rVB7	10593	24744	0.71%	0.079%
19	7.810	814	820	822	rBV5	5298	10417	0.30%	0.033%
20	7.839	822	825	829	rVV4	6507	10117	0.29%	0.032%
21	8.004	849	853	860	rVB6	5730	12877	0.37%	0.041%
22	8.116	860	872	876	rBV8	13099	35038	1.00%	0.112%
23	8.222	885	890	893	rBV6	6936	9033	0.26%	0.029%
24	8.310	899	905	917	rBV	360127	692578	19.85%	2.215%
25	8.398	917	920	922	rVV3	12820	19947	0.57%	0.064%
26	8.439	925	927	934	rVB6	15658	25750	0.74%	0.082%
27	8.651	953	963	972	rBV6	15071	53834	1.54%	0.172%
28	8.769	972	983	997	rVV	298584	557060	15.96%	1.782%
29	8.869	997	1000	1004	rVV6	9237	18554	0.53%	0.059%
30	8.910	1004	1007	1016	rVV8	15106	31622	0.91%	0.101%
31	9.028	1021	1027	1031	rVB6	8938	17021	0.49%	0.054%
32	9.098	1033	1039	1045	rBV3	18486	31556	0.90%	0.101%
33	9.233	1058	1062	1066	rVB4	7100	13220	0.38%	0.042%
34	9.281	1066	1070	1074	rBV5	9348	13402	0.38%	0.043%

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35	9.439	1091	1097	1098	rVV3	6185	10286	0.29%	0.033%
36	9.481	1098	1104	1111	rVV	240636	426550	12.22%	1.364%
37	9.533	1111	1113	1119	rVB5	17938	26624	0.76%	0.085%
38	9.781	1153	1155	1163	rVB8	8896	19409	0.56%	0.062%
39	9.933	1175	1181	1189	rBV10	5144	13940	0.40%	0.045%
40	10.016	1189	1195	1210	rBV	311855	674354	19.32%	2.157%
41	10.239	1224	1233	1241	rBV10	15269	36596	1.05%	0.117%
42	10.380	1248	1257	1268	rVB	909496	1516590	43.46%	4.851%
43	10.510	1274	1279	1281	rBV4	10946	15871	0.45%	0.051%
44	10.551	1281	1286	1300	rVV	126337	299561	8.58%	0.958%
45	10.739	1312	1318	1320	rBV4	5344	9545	0.27%	0.031%
46	10.833	1330	1334	1340	rVB5	13566	22425	0.64%	0.072%
47	11.010	1359	1364	1367	rVV7	5684	10166	0.29%	0.033%
48	11.051	1367	1371	1374	rVB6	5734	9936	0.28%	0.032%
49	11.186	1389	1394	1396	rBV4	6452	9975	0.29%	0.032%
50	11.275	1403	1409	1414	rVB7	6041	15022	0.43%	0.048%
51	11.369	1420	1425	1428	rBV3	17150	27996	0.80%	0.090%
52	11.545	1449	1455	1459	rBV7	6822	14334	0.41%	0.046%
53	11.633	1463	1470	1475	rBV5	12869	26324	0.75%	0.084%
54	11.933	1515	1521	1527	rBV8	8492	19508	0.56%	0.062%
55	12.098	1545	1549	1554	rBV6	8826	13039	0.37%	0.042%
56	12.422	1598	1604	1609	rBV9	13305	28376	0.81%	0.091%
57	12.651	1637	1643	1648	rVB9	14621	27805	0.80%	0.089%
58	12.704	1648	1652	1655	rBV5	6912	11650	0.33%	0.037%
59	12.751	1655	1660	1666	rVV2	28629	46208	1.32%	0.148%
60	12.810	1666	1670	1674	rVV7	8546	15467	0.44%	0.049%
61	12.992	1699	1701	1704	rBV4	8139	10823	0.31%	0.035%
62	13.027	1704	1707	1709	rVV3	9853	11488	0.33%	0.037%
63	13.133	1722	1725	1730	rVB6	11834	17708	0.51%	0.057%
64	13.204	1735	1737	1744	rVB7	7434	15968	0.46%	0.051%
65	13.286	1748	1751	1757	rVB8	7312	13846	0.40%	0.044%
66	13.439	1773	1777	1780	rBV5	6984	9031	0.26%	0.029%
67	13.674	1806	1817	1822	rVV	638622	943090	27.02%	3.016%
68	13.721	1822	1825	1840	rVB2	117246	204354	5.86%	0.654%
69	13.880	1850	1852	1854	rBV3	7102	9564	0.27%	0.031%
70	13.951	1857	1864	1873	rBV	723308	1132655	32.46%	3.623%
71	14.063	1879	1883	1889	rVB6	30324	50817	1.46%	0.163%

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72	14.139	1892	1896	1900	rVB3	22450	32974	0.94%	0.105%
73	14.198	1900	1906	1910	rBV5	24352	46005	1.32%	0.147%
74	14.257	1910	1916	1924	rVV2	1183132	1756126	50.32%	5.617%
75	14.515	1951	1960	1968	rBV4	67292	211616	6.06%	0.677%
76	14.645	1978	1982	1984	rBV4	16527	20484	0.59%	0.066%
77	14.680	1984	1988	1993	rVB2	70091	95754	2.74%	0.306%
78	14.763	1999	2002	2007	rVB3	18831	27057	0.78%	0.087%
79	14.880	2018	2022	2027	rVB8	26040	47598	1.36%	0.152%
80	15.027	2043	2047	2050	rBV4	23571	29708	0.85%	0.095%
81	15.098	2054	2059	2062	rBV3	29483	44179	1.27%	0.141%
82	15.257	2080	2086	2092	rBV	947905	1338626	38.36%	4.282%
83	15.404	2106	2111	2119	rBV	134676	219796	6.30%	0.703%
84	15.498	2123	2127	2138	rVB2	60877	127207	3.65%	0.407%
85	15.721	2161	2165	2167	rBV4	12309	14116	0.40%	0.045%
86	15.980	2202	2209	2223	rVB2	136274	277785	7.96%	0.888%
87	16.757	2337	2341	2344	rBV2	40313	48149	1.38%	0.154%
88	16.804	2345	2349	2353	rVV2	70058	100158	2.87%	0.320%
89	17.015	2379	2385	2390	rBV	1295178	1847117	52.93%	5.908%
90	17.115	2396	2402	2412	rBV	887929	1349728	38.68%	4.317%
91	17.904	2532	2536	2547	rBV3	206203	377010	10.80%	1.206%
92	19.080	2733	2736	2742	rBV	170709	222255	6.37%	0.711%
93	19.198	2753	2756	2761	rBV	134726	225333	6.46%	0.721%
94	19.421	2789	2794	2798	rBV	1121181	1619585	46.41%	5.180%
95	19.756	2848	2851	2854	rBV	180932	192988	5.53%	0.617%
96	19.797	2854	2858	2864	rVB	328081	389704	11.17%	1.246%
97	21.221	3096	3100	3105	rVB	1542634	1954328	56.00%	6.251%
98	23.297	3449	3453	3462	rVB	1141125	2394069	68.60%	7.657%
99	23.438	3473	3477	3484	rVB2	1334773	2256913	64.67%	7.219%
100	25.085	3753	3757	3767	rVB	1585908	3489867	100.00%	11.162%

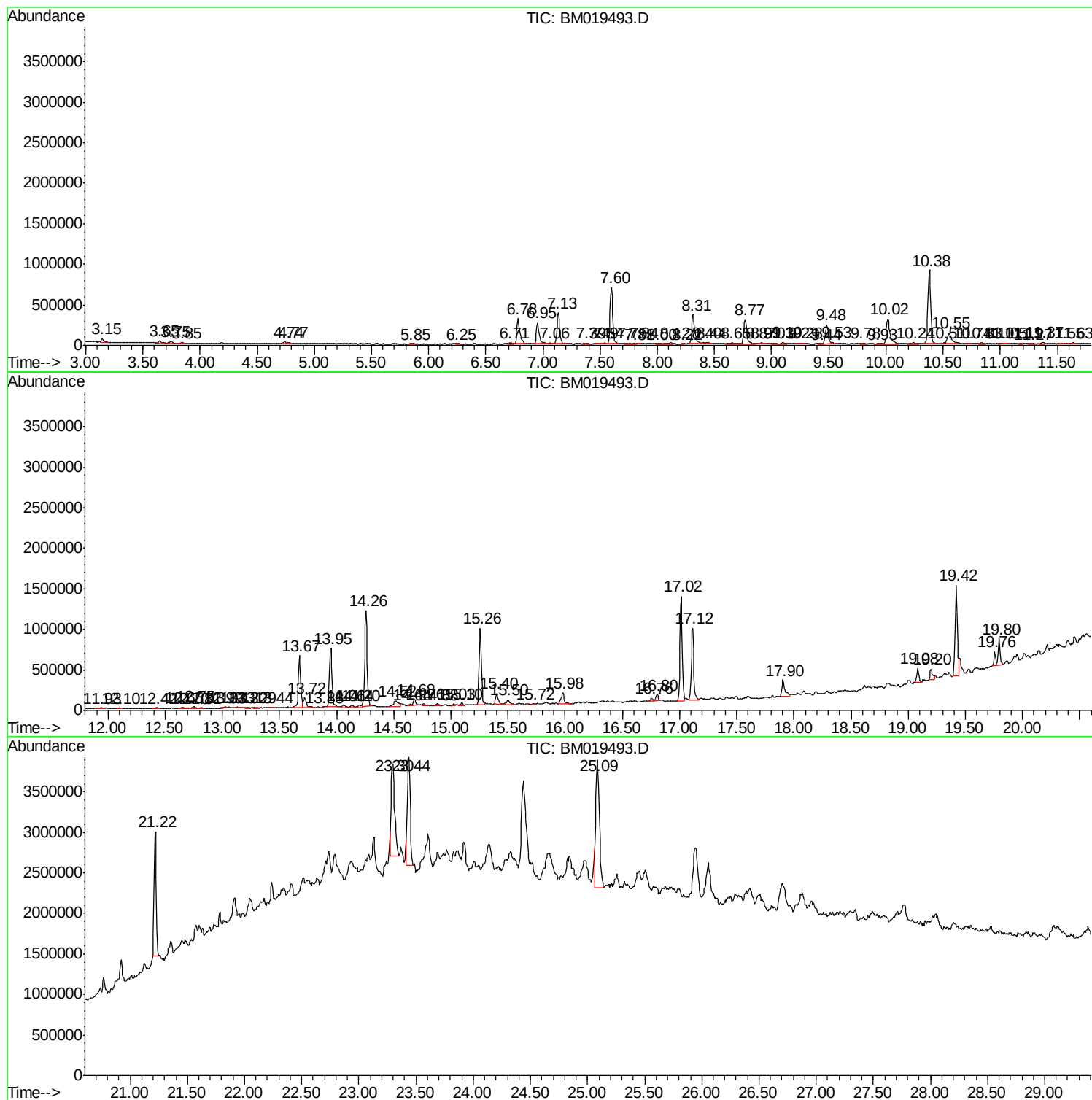
Sum of corrected areas: 31264776

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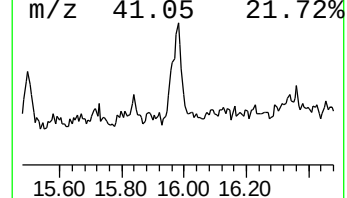
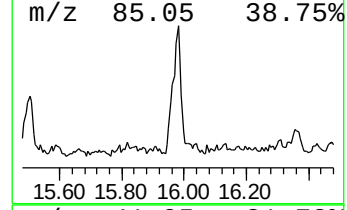
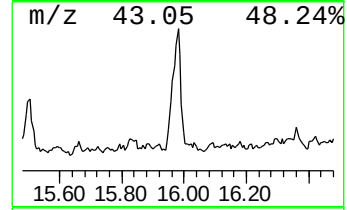
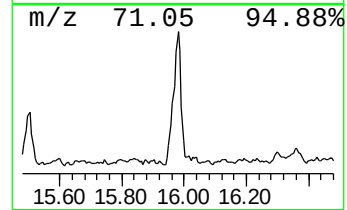
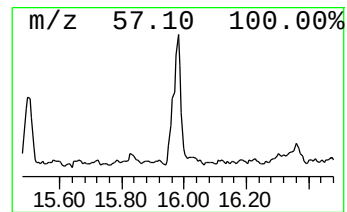
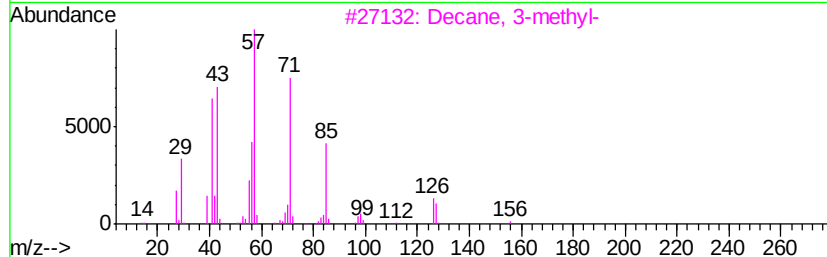
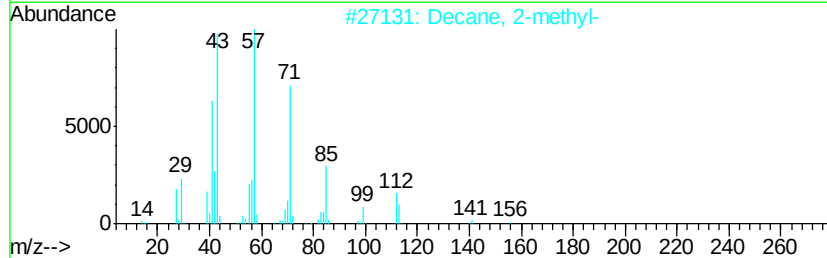
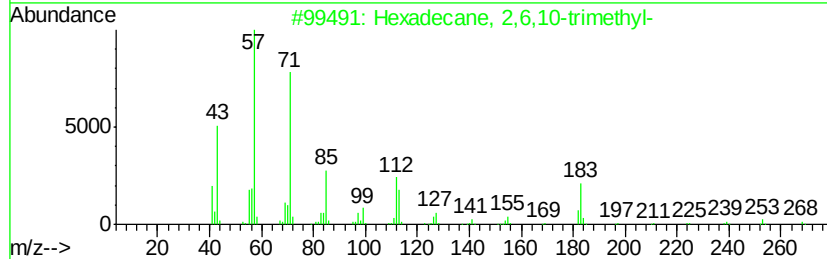
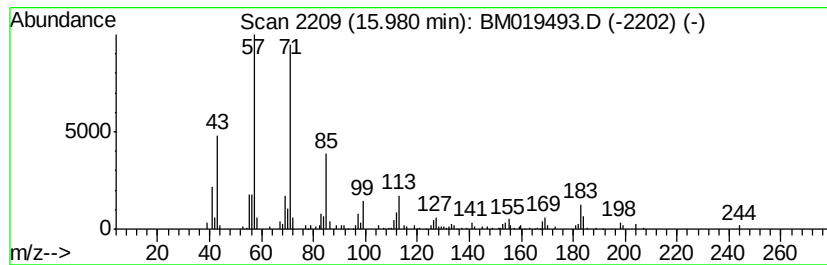
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.98	3.01 ng/ul	277785	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80
2	Decane, 2-methyl-	156	C11H24	006975-98-0	80
3	Decane, 3-methyl-	156	C11H24	013151-34-3	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Tridecane	184	C13H28	000629-50-5	52



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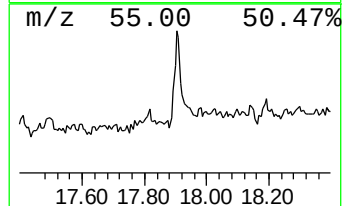
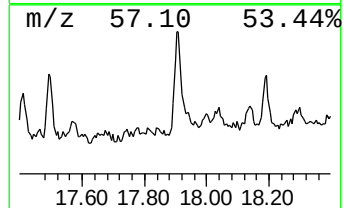
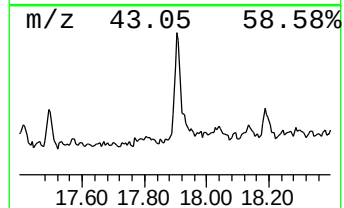
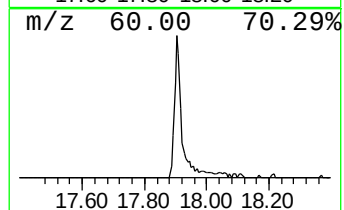
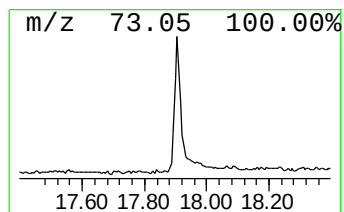
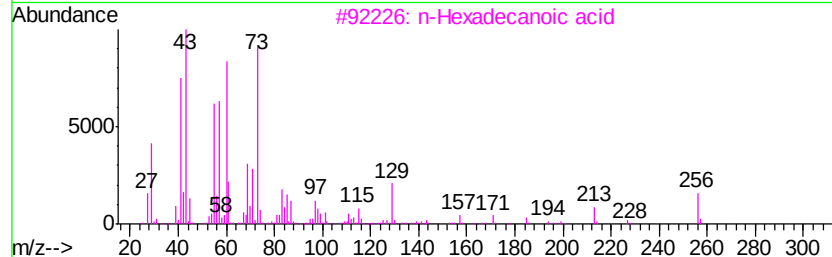
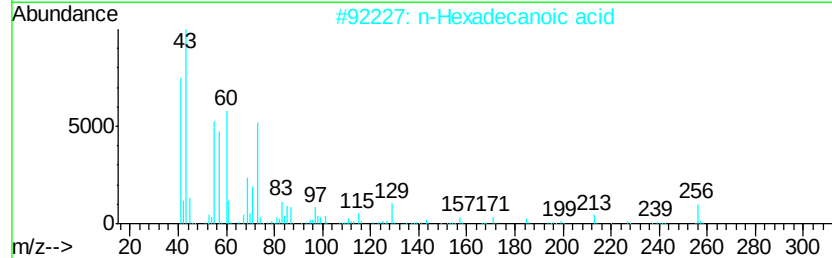
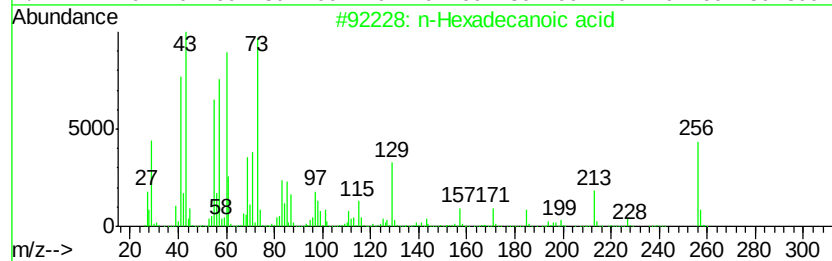
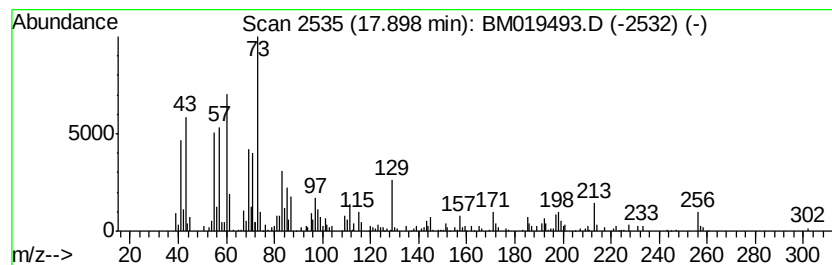
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.90	4.08 ng/ul	377010	Phenanthrene-d10	17.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	93	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68	



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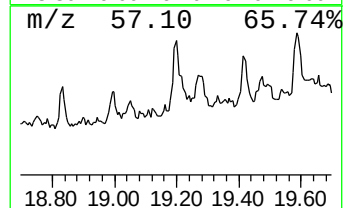
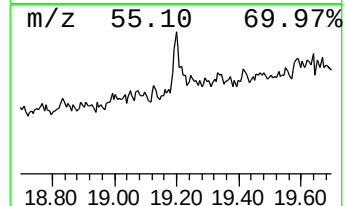
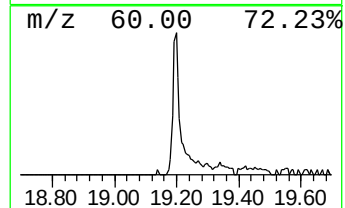
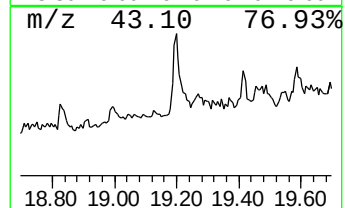
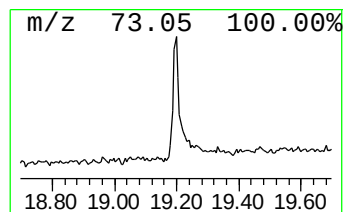
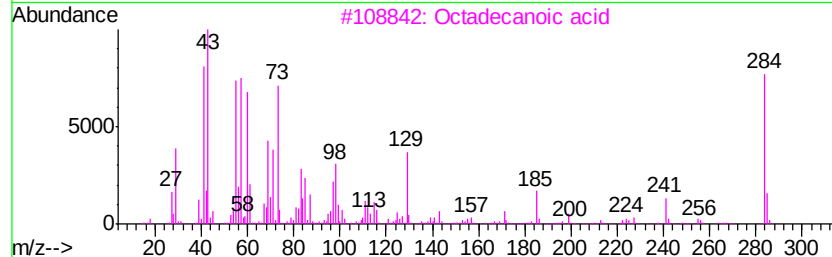
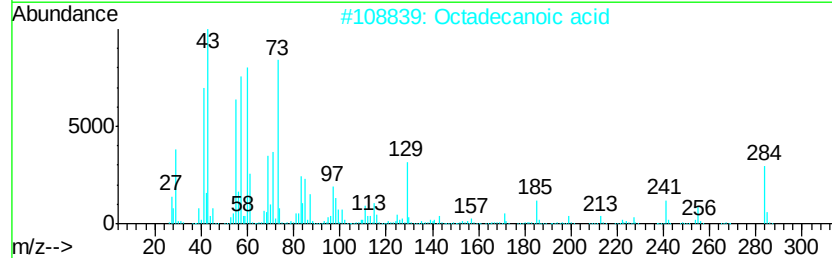
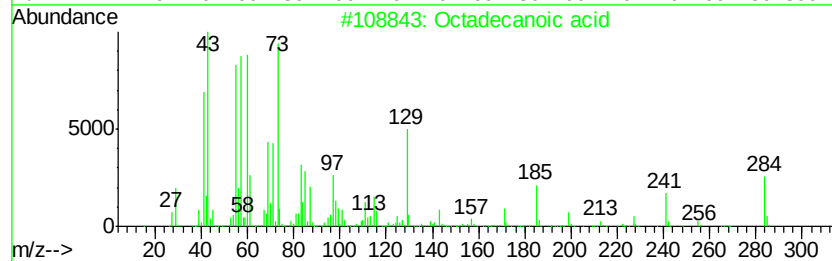
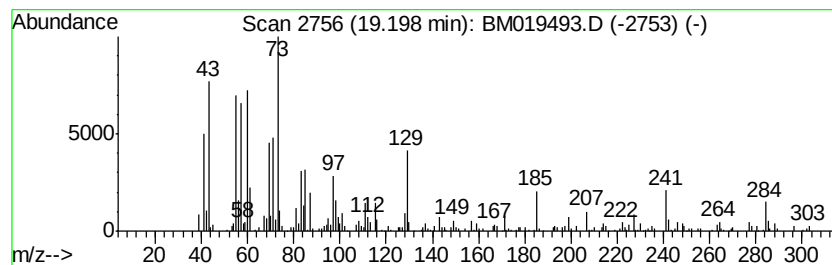
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Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.31 ng/ul	225333	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4 98
2	Octadecanoic acid	284	C18H36O2	000057-11-4 96
3	Octadecanoic acid	284	C18H36O2	000057-11-4 93
4	Octadecanoic acid	284	C18H36O2	000057-11-4 91
5	Heptadecanoic acid	270	C17H34O2	000506-12-7 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
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Acq On : 27 Mar 2019 05:03
Operator : JU/SJ
Sample : K2044-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5W3

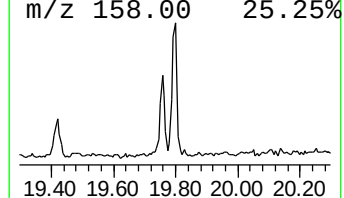
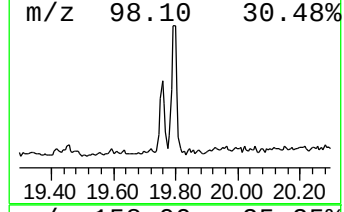
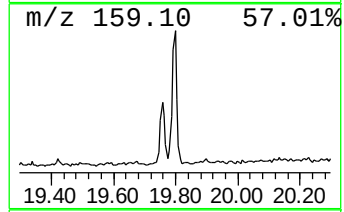
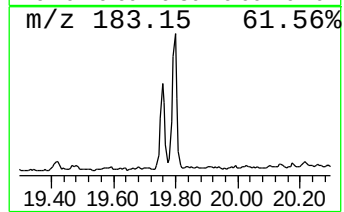
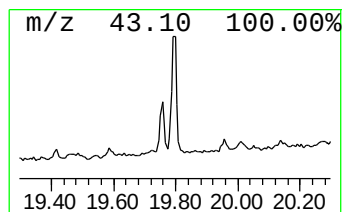
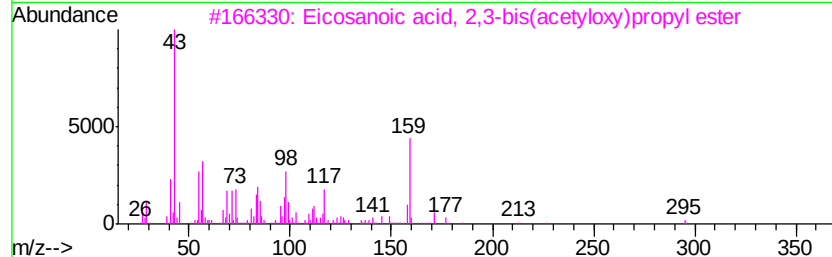
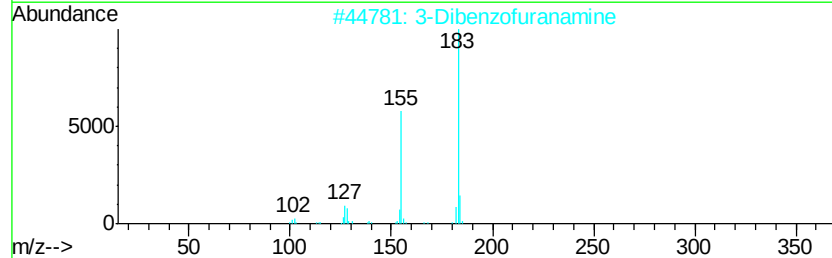
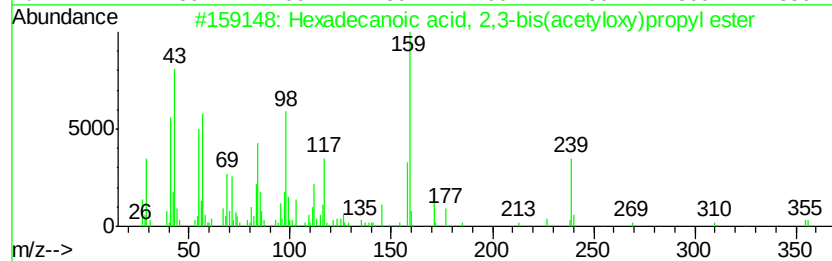
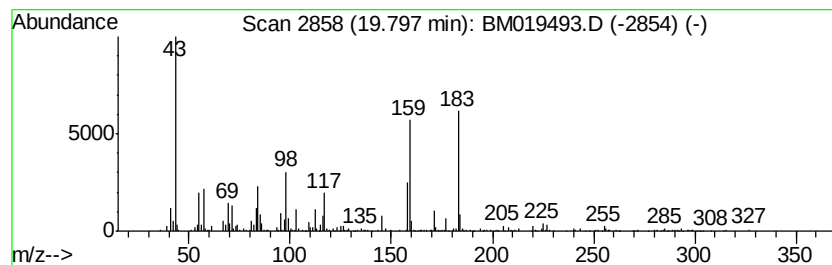
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	3.99 ng/ul	389704	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 2,3-bis(acetyloxy)propyl ester	414	C23H42O6	055268-70-7	42
2		3-Dibenzofuranamine	183	C12H9NO	004106-66-5	18
3		Eicosanoic acid, 2,3-bis(acetyloxy)propyl ester	470	C27H50O6	055429-67-9	16
4		Eicosanoic acid, 2-(acetyloxy)-1-ol	470	C27H50O6	055429-68-0	16
5		Pyrido[2,3-b]indole, 6-amino-	183	C11H9N3	006453-26-5	11



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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5W3

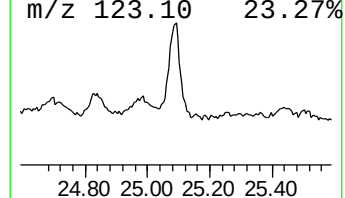
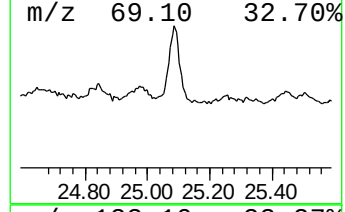
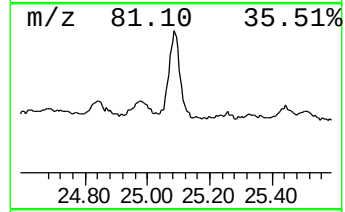
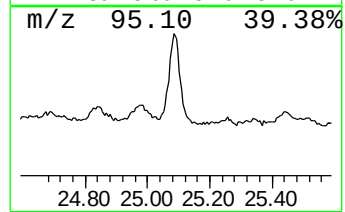
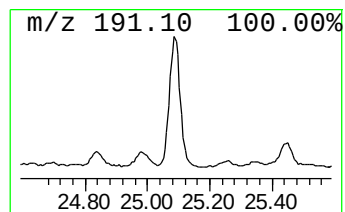
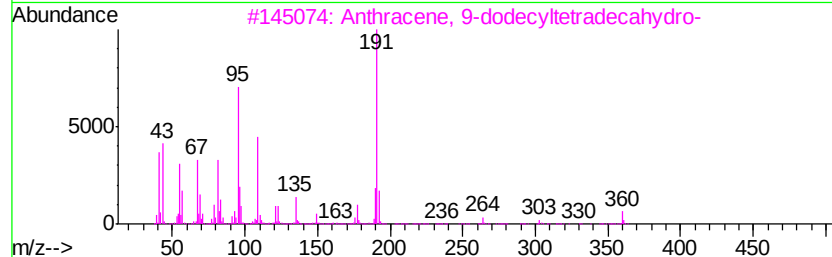
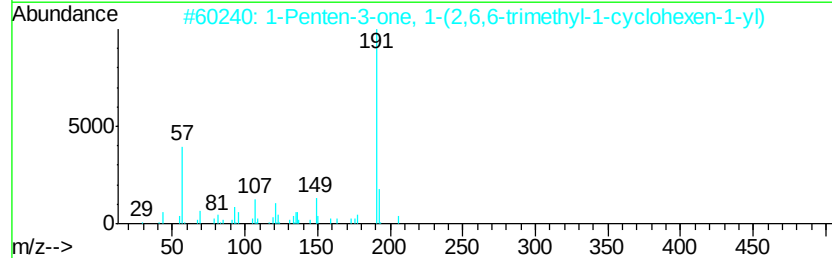
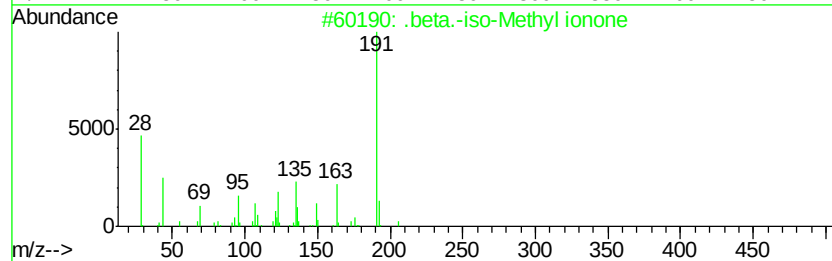
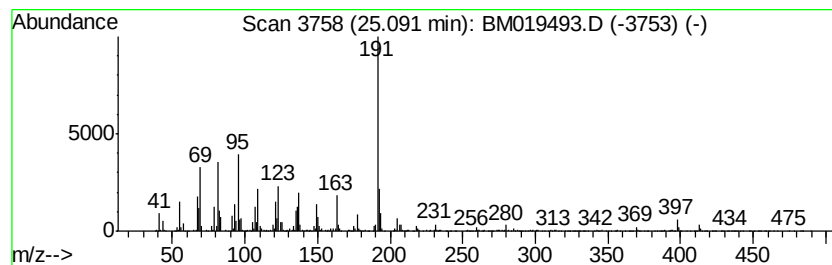
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 .beta.-iso-Methyl ionone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.09	30.93 ng/ul	3489870	Perylene-d12	23.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone		206	C14H22O	1000285-40-2	70
2	1-Penten-3-one, 1-(2,6,6-trimeth...		206	C14H22O	000127-43-5	60
3	Anthracene, 9-dodecyltetradeca...		360	C26H48	055401-75-7	42
4	5-(p-Aminophenyl)-2-thiazolamine		191	C9H9N3S	090349-87-4	38
5	3-Buten-2-one, 4-(2,5,6,6-tetram...		206	C14H22O	000079-70-9	37



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Instrument :
BNA_M
ClientSampleId :
BF5W3

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	15.98	3.0	ng/ul	277785	4	17.02	1847120	20.0
n-Hexadecanoic acid	17.90	4.1	ng/ul	377010	4	17.02	1847120	20.0
Octadecanoic acid	19.20	2.3	ng/ul	225333	5	21.22	1954330	20.0
unknown-01	19.80	4.0	ng/ul	389704	5	21.22	1954330	20.0
.beta.-iso-Methyl...	25.09	30.9	ng/ul	3489870	6	23.44	2256910	20.0