

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
 Data File : BG046930.D
 Acq On : 16 Oct 2020 14:44
 Operator : CG/JU
 Sample : L4201-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AK3

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_G\METHODS\SOM-EPA-BG101520MA.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	3.414	11	13	16	rBV3	2345	2045	0.19%	0.018%
2	3.502	24	28	32	rVB2	7651	11286	1.04%	0.101%
3	3.767	72	73	77	rVB2	3016	2382	0.22%	0.021%
4	3.866	85	90	92	rBV3	1790	2565	0.24%	0.023%
5	4.019	112	116	120	rBV	12348	17216	1.58%	0.154%
6	4.107	126	131	132	rBV2	2142	3665	0.34%	0.033%
7	4.154	135	139	141	rVB2	3199	3825	0.35%	0.034%
8	4.254	150	156	163	rVB2	7793	15377	1.41%	0.138%
9	4.342	168	171	173	rBV	1951	2151	0.20%	0.019%
10	4.807	244	250	254	rBV6	2898	5080	0.47%	0.046%
11	5.159	307	310	318	rVB3	3947	6917	0.63%	0.062%
12	5.253	323	326	329	rBV3	3355	4888	0.45%	0.044%
13	5.371	343	346	349	rBV3	1637	1946	0.18%	0.017%
14	6.076	465	466	471	rBV4	1395	1841	0.17%	0.017%
15	6.393	517	520	523	rVB2	1605	1915	0.18%	0.017%
16	6.475	531	534	537	rVB2	1507	1801	0.17%	0.016%
17	6.828	591	594	595	rBV2	2085	1958	0.18%	0.018%
18	7.233	656	663	678	rVB	159987	302586	27.76%	2.713%
19	7.404	684	692	699	rBV	118815	200535	18.40%	1.798%
20	7.609	720	727	735	rBV	162009	269393	24.72%	2.415%
21	7.691	737	741	745	rVV4	3371	5175	0.47%	0.046%
22	8.085	801	808	815	rBV	207701	352875	32.38%	3.164%
23	8.308	842	846	849	rBV3	1675	2474	0.23%	0.022%
24	8.778	920	926	938	rBV	192207	319808	29.34%	2.867%
25	8.896	940	946	954	rVB5	11307	23199	2.13%	0.208%
26	9.031	967	969	972	rVB2	2114	2114	0.19%	0.019%
27	9.243	998	1005	1012	rBV	161954	281175	25.80%	2.521%
28	9.654	1071	1075	1078	rBV3	2862	3588	0.33%	0.032%
29	9.707	1080	1084	1086	rVB2	1767	2023	0.19%	0.018%
30	9.848	1106	1108	1111	rBV2	2061	2319	0.21%	0.021%
31	9.965	1122	1128	1137	rVB2	128347	232300	21.31%	2.083%
32	10.112	1150	1153	1154	rBV2	2320	1846	0.17%	0.017%
33	10.329	1186	1190	1192	rBV2	1998	2245	0.21%	0.020%
34	10.506	1213	1220	1232	rVB2	210439	381406	35.00%	3.420%

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35	10.588	1232	1234	1238	rBV2	2870	2803	0.26%	0.025%
36	10.794	1266	1269	1271	rBV2	1948	2777	0.25%	0.025%
37	10.894	1277	1286	1292	rBV	283181	499812	45.86%	4.481%
38	10.941	1292	1294	1298	rVB2	1843	2135	0.20%	0.019%
39	11.023	1300	1308	1317	rBV	111967	206598	18.96%	1.852%
40	11.599	1403	1406	1410	rBV	1300	2089	0.19%	0.019%
41	11.681	1416	1420	1422	rBV	2285	2619	0.24%	0.023%
42	12.433	1546	1548	1552	rBV2	1236	1976	0.18%	0.018%
43	12.468	1552	1554	1558	rVV3	4810	4476	0.41%	0.040%
44	12.556	1561	1569	1571	rBV3	3820	8182	0.75%	0.073%
45	12.580	1571	1573	1576	rVB3	2302	2111	0.19%	0.019%
46	12.674	1587	1589	1594	rVB2	1324	1933	0.18%	0.017%
47	12.762	1601	1604	1609	rVB3	3244	3721	0.34%	0.033%
48	12.985	1638	1642	1643	rVB2	1798	1973	0.18%	0.018%
49	13.067	1652	1656	1657	rBV2	2527	3243	0.30%	0.029%
50	13.314	1695	1698	1702	rVB3	2285	2445	0.22%	0.022%
51	13.532	1731	1735	1736	rBV4	2741	2978	0.27%	0.027%
52	13.602	1740	1747	1750	rBV3	4347	8128	0.75%	0.073%
53	13.790	1776	1779	1781	rBV	2163	2047	0.19%	0.018%
54	13.878	1788	1794	1796	rBV3	6383	10993	1.01%	0.099%
55	13.896	1796	1797	1802	rVB	7014	5162	0.47%	0.046%
56	13.931	1802	1803	1806	rBV	2326	2308	0.21%	0.021%
57	14.031	1815	1820	1824	rBV3	8512	14925	1.37%	0.134%
58	14.107	1826	1833	1837	rVV	402560	595024	54.60%	5.335%
59	14.149	1837	1840	1848	rVB	93519	134012	12.30%	1.202%
60	14.272	1857	1861	1864	rVV3	3820	6036	0.55%	0.054%
61	14.301	1864	1866	1870	rVB4	3243	3464	0.32%	0.031%
62	14.401	1875	1883	1891	rBV	410901	660862	60.64%	5.925%
63	14.595	1914	1916	1919	rBV2	2162	1871	0.17%	0.017%
64	14.619	1919	1920	1922	rVB2	3835	1999	0.18%	0.018%
65	14.642	1922	1924	1925	rBV	2316	2020	0.19%	0.018%
66	14.707	1926	1935	1942	rBV	464607	738044	67.72%	6.617%
67	14.771	1942	1946	1953	rVB3	19698	30936	2.84%	0.277%
68	14.842	1956	1958	1960	rBV2	2647	2194	0.20%	0.020%
69	14.889	1960	1966	1981	rBV2	105795	201462	18.49%	1.806%
70	15.024	1986	1989	1990	rVV2	7020	6791	0.62%	0.061%
71	15.042	1990	1992	1995	rVV4	9014	9731	0.89%	0.087%

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72	15.106	1999	2003	2008	rVB2	28392	43152	3.96%	0.387%
73	15.177	2013	2015	2020	rVB2	6647	7474	0.69%	0.067%
74	15.318	2037	2039	2045	rBV5	6698	9165	0.84%	0.082%
75	15.371	2045	2048	2052	rVB5	6835	11616	1.07%	0.104%
76	15.476	2064	2066	2067	rBV2	3610	3663	0.34%	0.033%
77	15.488	2067	2068	2069	rBV	4044	2372	0.22%	0.021%
78	15.600	2085	2087	2090	rVB3	4373	4808	0.44%	0.043%
79	15.623	2090	2091	2093	rBV2	2191	1842	0.17%	0.017%
80	15.700	2098	2104	2110	rVV	570103	857419	78.67%	7.687%
81	15.753	2110	2113	2118	rVV2	38847	55995	5.14%	0.502%
82	15.811	2118	2123	2129	rVV2	43387	68456	6.28%	0.614%
83	15.870	2131	2133	2136	rBV4	5536	5322	0.49%	0.048%
84	16.046	2160	2163	2169	rVB2	22405	33160	3.04%	0.297%
85	16.111	2171	2174	2176	rBV3	3244	3437	0.32%	0.031%
86	16.193	2184	2188	2195	rVB2	22329	42458	3.90%	0.381%
87	16.358	2214	2216	2217	rBV2	3503	2906	0.27%	0.026%
88	16.734	2278	2280	2281	rBV2	6304	4035	0.37%	0.036%
89	16.951	2315	2317	2318	rBV	4369	3607	0.33%	0.032%
90	17.110	2339	2344	2347	rBV2	18886	29037	2.66%	0.260%
91	17.274	2367	2372	2376	rBV2	22277	38167	3.50%	0.342%
92	17.339	2379	2383	2388	rVB9	13875	23126	2.12%	0.207%
93	17.451	2397	2402	2406	rBV	518770	820223	75.26%	7.354%
94	17.492	2406	2409	2414	rVB	307481	437488	40.14%	3.922%
95	17.550	2414	2419	2423	rBV	560933	834751	76.59%	7.484%
96	18.332	2548	2552	2556	rBV3	171795	256503	23.54%	2.300%
97	18.373	2556	2559	2568	rVB2	76465	129787	11.91%	1.164%
98	18.526	2581	2585	2588	rBV2	56176	84672	7.77%	0.759%
99	19.501	2746	2751	2756	rVB	428501	587328	53.89%	5.266%
100	19.836	2803	2808	2811	rBV	681824	1089846	100.00%	9.771%

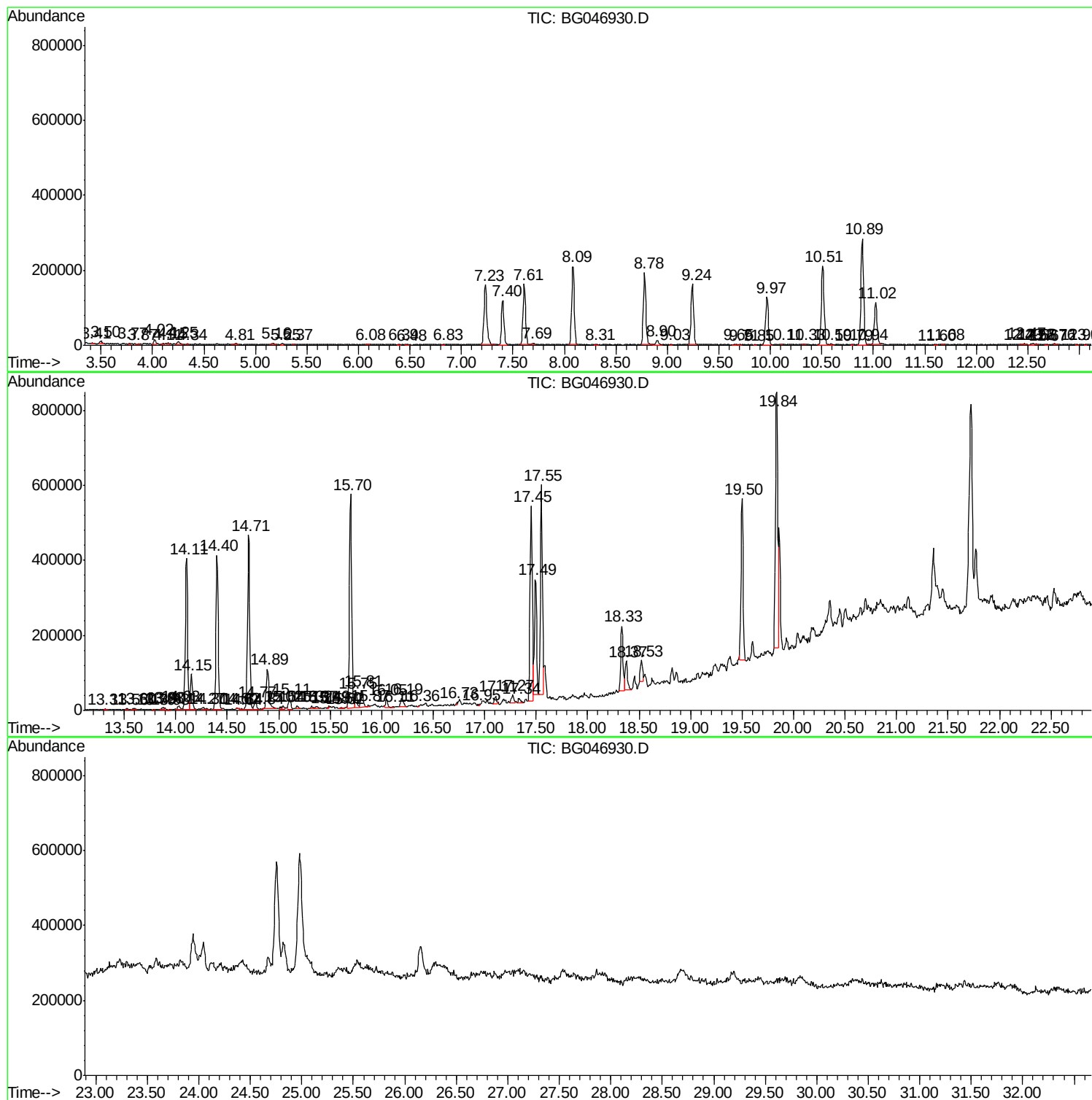
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Quant Title : SVOA CALIBRATION

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



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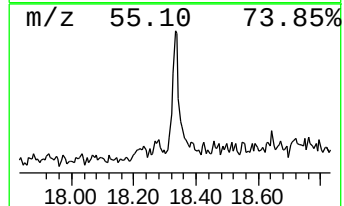
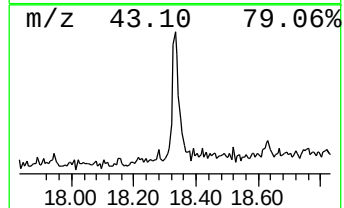
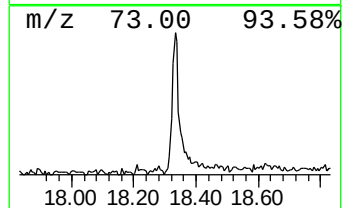
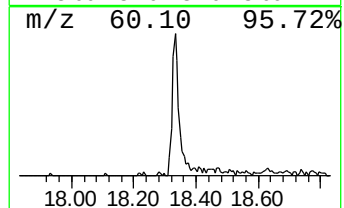
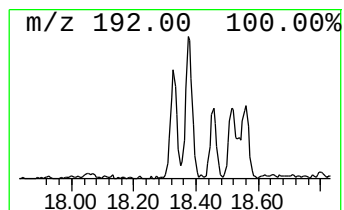
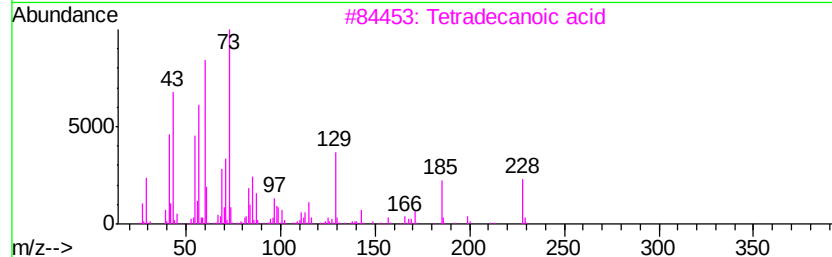
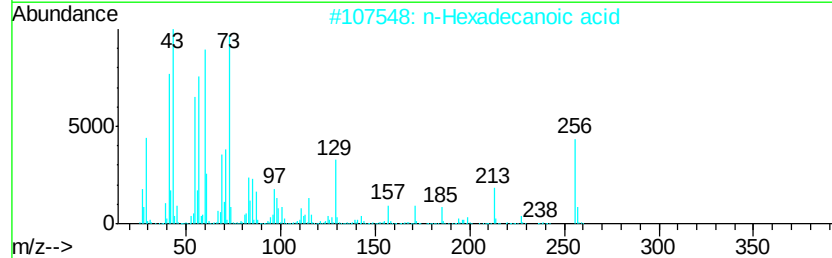
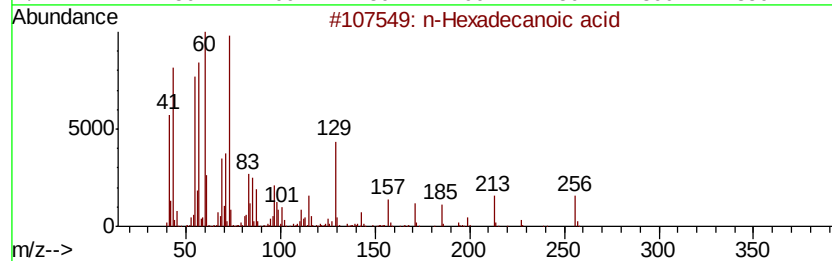
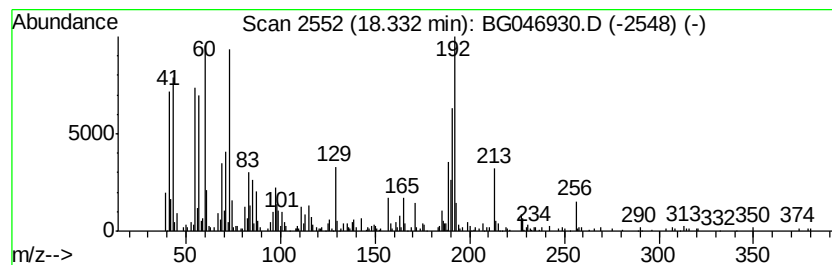
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	6.25 ng/ul	256503	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	84
4		Tridecanoic acid	214	C13H26O2	000638-53-9	66
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	62



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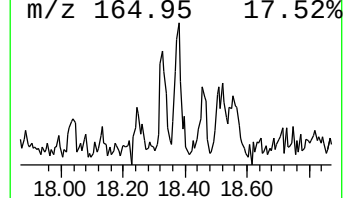
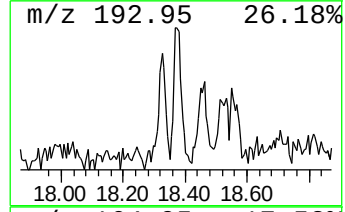
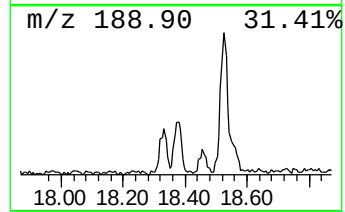
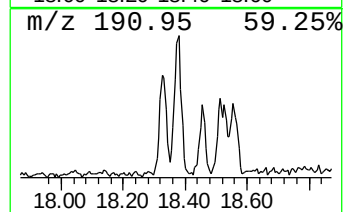
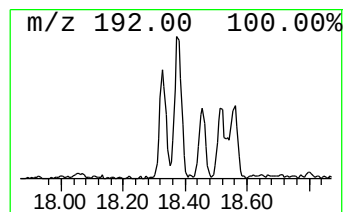
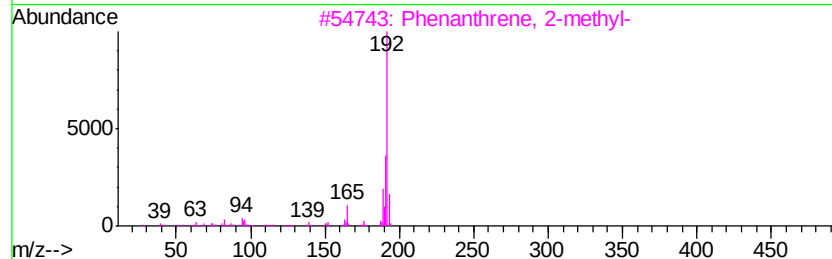
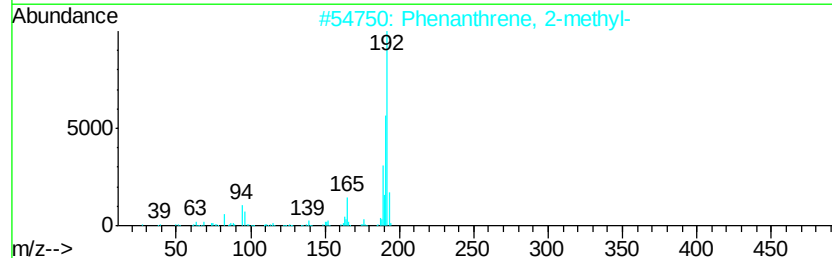
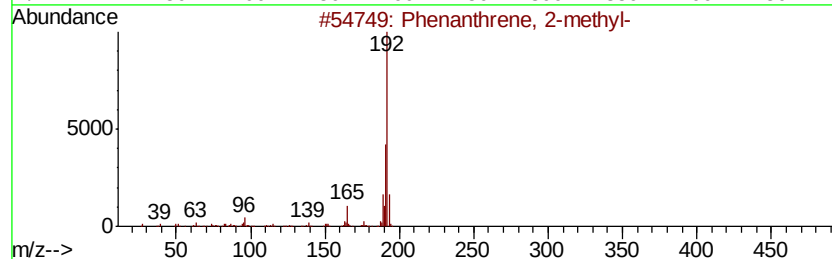
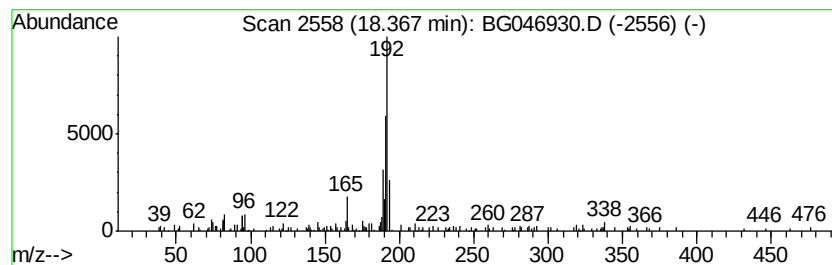
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.16 ng/ul	129787	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81



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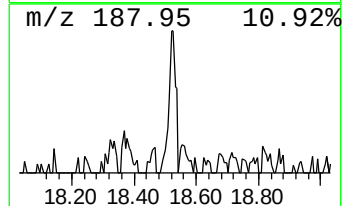
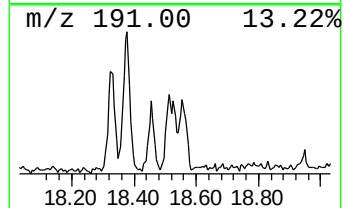
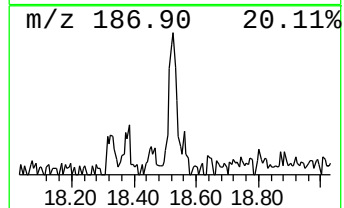
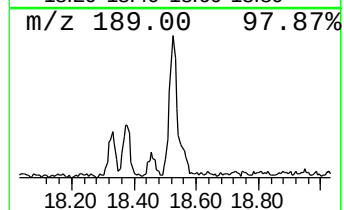
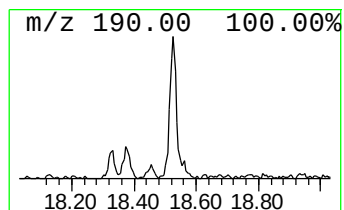
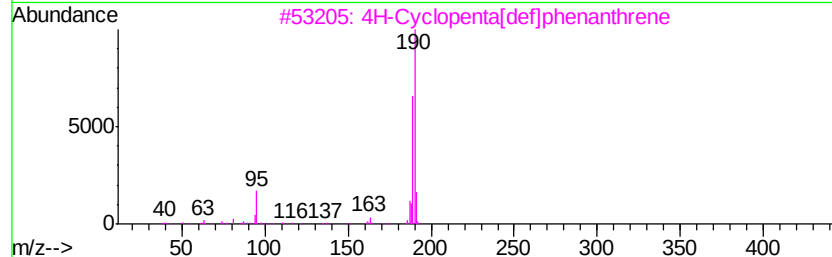
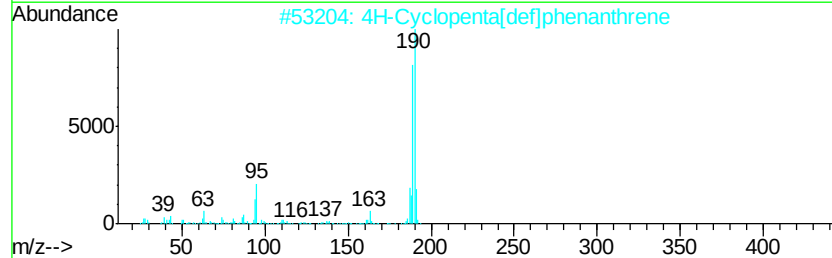
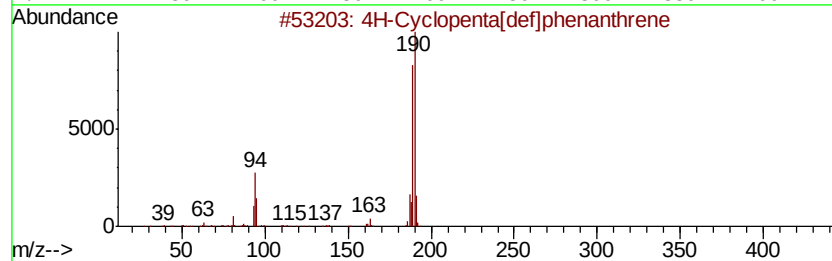
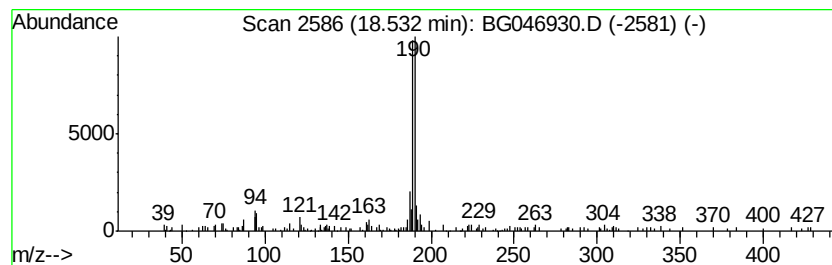
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.06 ng/ul	84672	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
4		4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	64
5		Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101620\
Data File : BG046930.D
Acq On : 16 Oct 2020 14:44
Operator : CG/JU
Sample : L4201-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AK3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.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	18.33	6.3	ng/ul	256503	4	17.46	820223	20.0
Phenanthrene, 2-m...	18.37	3.2	ng/ul	129787	4	17.46	820223	20.0
4H-Cyclopenta[def...	18.53	2.1	ng/ul	84672	4	17.46	820223	20.0