

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
 Data File : BM027404.D
 Acq On : 11 Sep 2020 14:41
 Operator : JU/CG
 Sample : L3963-07
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4Y52

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-BM090420MA.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	3.134	21	25	29	rBV2	32596	40218	0.74%	0.071%
2	3.893	150	154	158	rBV3	21269	28315	0.52%	0.050%
3	4.122	189	193	198	rVB3	10558	15948	0.29%	0.028%
4	6.751	634	640	651	rBV	224289	366482	6.73%	0.650%
5	6.910	659	667	675	rBV	614609	958638	17.62%	1.701%
6	7.104	693	700	708	rBV	779737	1174478	21.58%	2.084%
7	7.198	712	716	724	rVB3	14905	31421	0.58%	0.056%
8	7.510	765	769	772	rBV6	7789	11611	0.21%	0.021%
9	7.563	772	778	786	rVV	784120	1192790	21.92%	2.117%
10	7.640	788	791	800	rVB2	23613	38073	0.70%	0.068%
11	8.275	892	899	909	rBV	636922	975211	17.92%	1.731%
12	8.657	957	964	966	rBV	22458	34996	0.64%	0.062%
13	8.704	966	972	985	rVB	804573	1315584	24.17%	2.335%
14	8.857	994	998	1003	rBV3	12151	20138	0.37%	0.036%
15	9.181	1049	1053	1057	rBV3	6775	9837	0.18%	0.017%
16	9.422	1086	1094	1106	rBV	743784	1205584	22.15%	2.140%
17	9.610	1118	1126	1128	rBV7	6188	12594	0.23%	0.022%
18	9.963	1178	1186	1201	rBV	1245742	2023253	37.18%	3.591%
19	10.334	1241	1249	1257	rVB	1024273	1667293	30.64%	2.959%
20	10.475	1266	1273	1287	rBV	134718	247903	4.56%	0.440%
21	10.981	1350	1359	1367	rBV7	9832	25600	0.47%	0.045%
22	11.263	1400	1407	1420	rBV3	25029	73347	1.35%	0.130%
23	11.792	1492	1497	1506	rVB8	11256	25840	0.47%	0.046%
24	11.928	1516	1520	1526	rVB2	20280	31442	0.58%	0.056%
25	12.004	1526	1533	1543	rBV	60852	147618	2.71%	0.262%
26	12.151	1556	1558	1563	rVB6	8433	11785	0.22%	0.021%
27	12.439	1603	1607	1611	rBV3	11723	16464	0.30%	0.029%
28	12.486	1611	1615	1621	rVB2	16310	28650	0.53%	0.051%
29	12.545	1621	1625	1634	rBV6	13858	29381	0.54%	0.052%
30	12.622	1634	1638	1644	rBV5	24960	42037	0.77%	0.075%
31	12.704	1648	1652	1657	rBV2	25967	36734	0.68%	0.065%
32	12.763	1657	1662	1665	rBV	47775	68961	1.27%	0.122%
33	12.898	1681	1685	1688	rBV6	9318	16256	0.30%	0.029%
34	12.928	1688	1690	1693	rVV4	10838	14017	0.26%	0.025%

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35	12.980	1696	1699	1702	rVV5	9988	17766	0.33%	0.032%
36	13.051	1703	1711	1719	rVV	481338	746456	13.72%	1.325%
37	13.116	1719	1722	1723	rVV3	19933	24686	0.45%	0.044%
38	13.145	1725	1727	1730	rVV3	28965	38337	0.70%	0.068%
39	13.180	1730	1733	1737	rVV6	23817	48839	0.90%	0.087%
40	13.216	1737	1739	1744	rVB4	18290	24988	0.46%	0.044%
41	13.363	1759	1764	1769	rBV6	13920	30555	0.56%	0.054%
42	13.463	1775	1781	1783	rBV4	11537	23991	0.44%	0.043%
43	13.580	1795	1801	1802	rBV4	41083	62562	1.15%	0.111%
44	13.627	1803	1809	1813	rVV	2283183	3174935	58.34%	5.635%
45	13.669	1813	1816	1820	rVV	306976	440176	8.09%	0.781%
46	13.722	1822	1825	1828	rVV	135673	183637	3.37%	0.326%
47	13.757	1828	1831	1840	rVB	78763	130952	2.41%	0.232%
48	13.839	1840	1845	1848	rBV	52044	76719	1.41%	0.136%
49	13.892	1848	1854	1866	rVB	2414423	3522722	64.73%	6.252%
50	14.139	1890	1896	1900	rBV	483566	610550	11.22%	1.084%
51	14.204	1900	1907	1919	rVB2	1663068	2516447	46.24%	4.466%
52	14.422	1938	1944	1951	rBV	143936	261058	4.80%	0.463%
53	14.580	1967	1971	1977	rVV3	50070	112217	2.06%	0.199%
54	14.645	1977	1982	1986	rVV2	54675	94821	1.74%	0.168%
55	14.698	1987	1991	1994	rVV2	39840	54499	1.00%	0.097%
56	14.727	1994	1996	1998	rVV3	11564	13503	0.25%	0.024%
57	14.757	1998	2001	2008	rVB2	106058	139493	2.56%	0.248%
58	14.827	2009	2013	2017	rVB	40757	50764	0.93%	0.090%
59	14.969	2035	2037	2040	rBV3	9615	11357	0.21%	0.020%
60	15.045	2046	2050	2053	rBV5	20638	35982	0.66%	0.064%
61	15.092	2054	2058	2064	rVV	335750	402473	7.40%	0.714%
62	15.163	2066	2070	2071	rVV4	14499	21599	0.40%	0.038%
63	15.204	2071	2077	2086	rVB	3197167	4468153	82.10%	7.930%
64	15.327	2092	2098	2114	rVB	901067	1205628	22.15%	2.140%
65	15.445	2114	2118	2121	rBV	35328	46529	0.85%	0.083%
66	15.504	2121	2128	2132	rVB	59554	107056	1.97%	0.190%
67	15.539	2132	2134	2138	rVB4	11376	14871	0.27%	0.026%
68	15.592	2138	2143	2148	rVB6	32006	52806	0.97%	0.094%
69	15.645	2149	2152	2158	rVB4	23192	35952	0.66%	0.064%
70	15.704	2158	2162	2163	rBV2	13609	16961	0.31%	0.030%
71	15.957	2201	2205	2208	rBV	109909	147981	2.72%	0.263%

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72	15.980	2208	2209	2217	rVV3	46857	65733	1.21%	0.117%
73	16.121	2230	2233	2239	rVB7	9853	14120	0.26%	0.025%
74	16.216	2246	2249	2258	rVB9	8388	14637	0.27%	0.026%
75	16.298	2258	2263	2265	rBV4	10167	14621	0.27%	0.026%
76	16.474	2288	2293	2305	rBV	117124	205160	3.77%	0.364%
77	16.639	2317	2321	2326	rVB8	8246	13438	0.25%	0.024%
78	16.745	2334	2339	2347	rBV2	78497	121744	2.24%	0.216%
79	16.951	2368	2374	2380	rVV	2169851	2903272	53.35%	5.153%
80	17.051	2384	2391	2401	rBV2	3758958	5166120	94.93%	9.169%
81	17.257	2422	2426	2434	rVB	20598	36002	0.66%	0.064%
82	17.339	2434	2440	2442	rBV7	5799	10953	0.20%	0.019%
83	17.521	2469	2471	2476	rVB6	10143	14255	0.26%	0.025%
84	17.639	2487	2491	2496	rBV3	41569	52183	0.96%	0.093%
85	17.880	2526	2532	2538	rBV	387327	578693	10.63%	1.027%
86	17.939	2539	2542	2553	rVB	50579	94694	1.74%	0.168%
87	18.157	2576	2579	2585	rBV8	11690	19940	0.37%	0.035%
88	18.615	2654	2657	2664	rBV8	10517	19648	0.36%	0.035%
89	18.862	2694	2699	2705	rBV	151223	199537	3.67%	0.354%
90	18.986	2716	2720	2724	rBV	39236	50199	0.92%	0.089%
91	19.051	2727	2731	2736	rVV8	11570	24901	0.46%	0.044%
92	19.162	2746	2750	2758	rBV	96589	152315	2.80%	0.270%
93	19.239	2760	2763	2768	rVB	37001	55385	1.02%	0.098%
94	19.357	2776	2783	2789	rBV	4038885	5442054	100.00%	9.658%
95	19.798	2855	2858	2864	rBV3	50541	64777	1.19%	0.115%
96	20.892	3040	3044	3050	rBV	507606	621650	11.42%	1.103%
97	21.115	3080	3082	3084	rBV2	52699	55033	1.01%	0.098%
98	21.151	3084	3088	3096	rVB	1907370	2366860	43.49%	4.201%
99	23.186	3427	3434	3440	rBV	2331424	3989812	73.31%	7.081%
100	23.321	3452	3457	3476	rVB	1356853	3071897	56.45%	5.452%

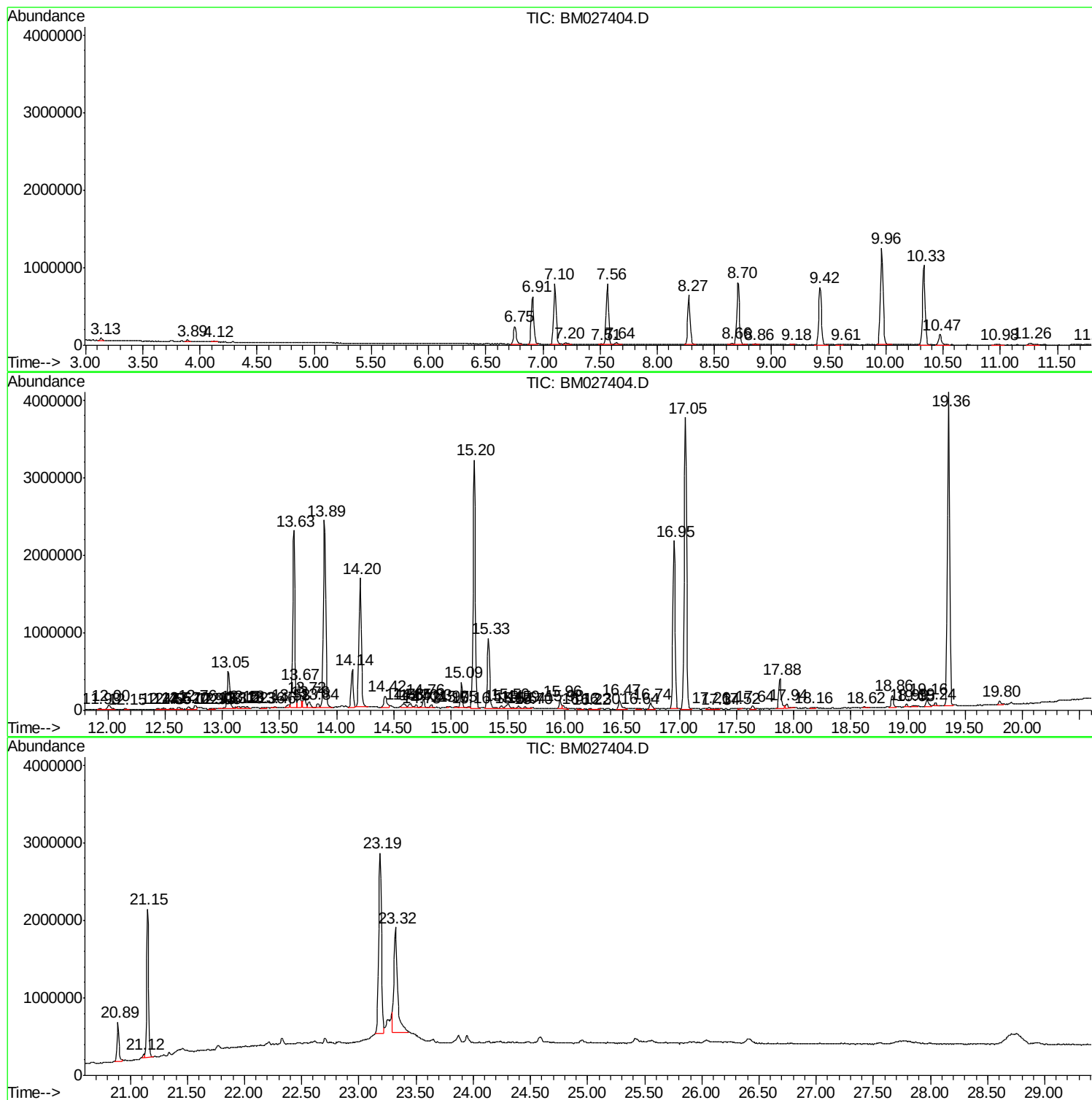
Sum of corrected areas: 56346153

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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



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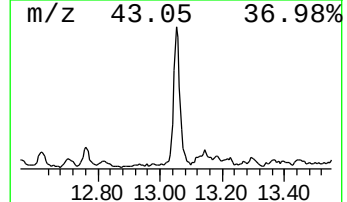
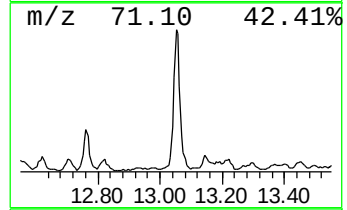
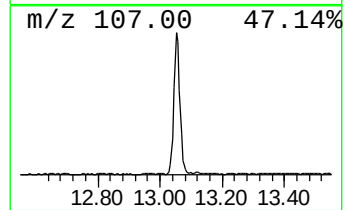
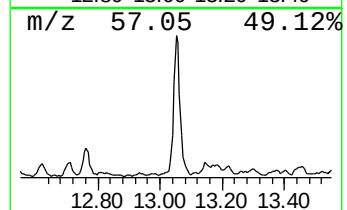
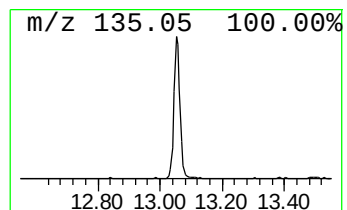
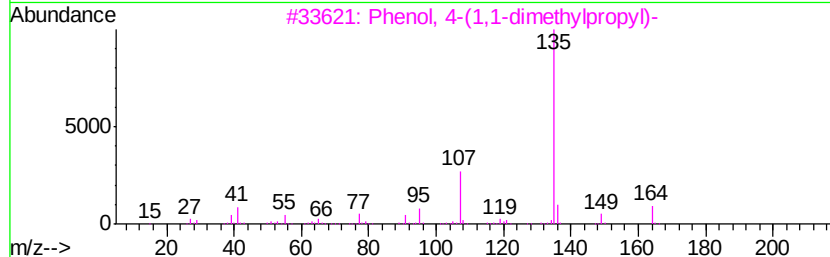
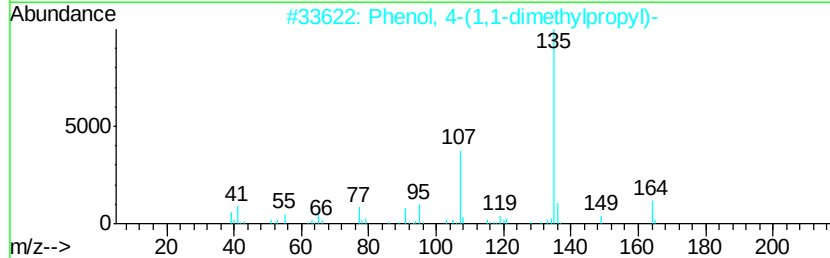
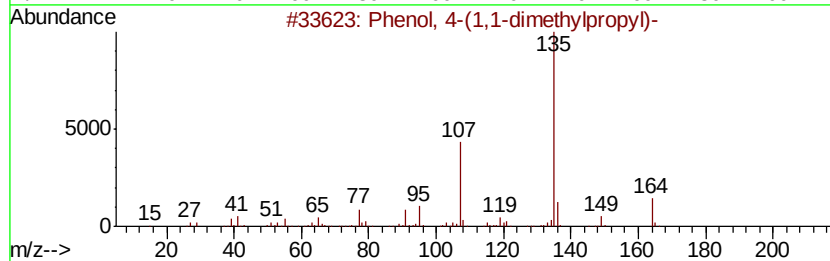
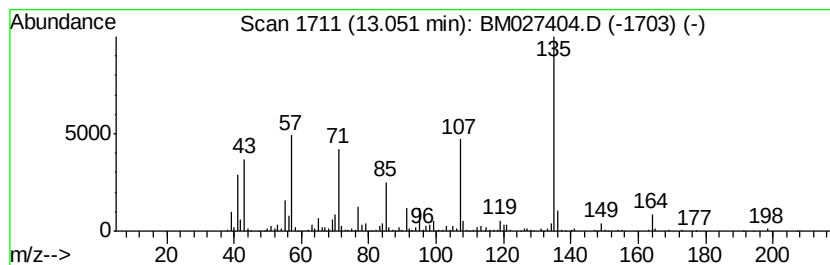
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenol, 4-(1,1-dimethylprop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	5.93 ng/ul	746456	Acenaphthene-d10	14.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164 C11H16O	000080-46-6	94
2	Phenol, 4-(1,1-dimethylpropyl)-	164 C11H16O	000080-46-6	93
3	Phenol, 4-(1,1-dimethylpropyl)-	164 C11H16O	000080-46-6	64
4	Phenol, p-tert-butyl-	150 C10H14O	000098-54-4	52
5	Hexestrol, 0-acetyl-	312 C20H24O3	1000374-87-8	47



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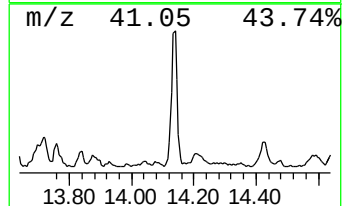
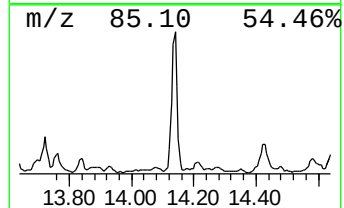
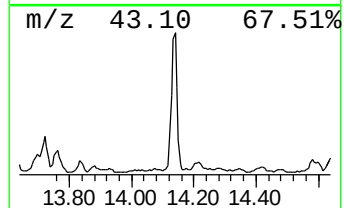
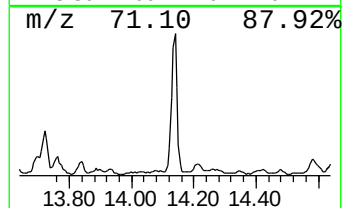
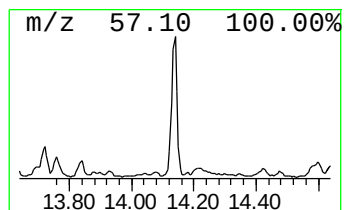
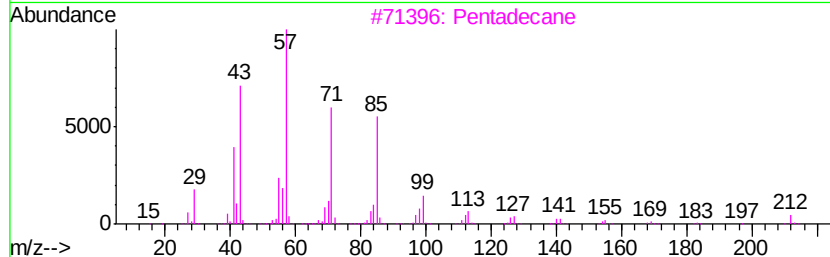
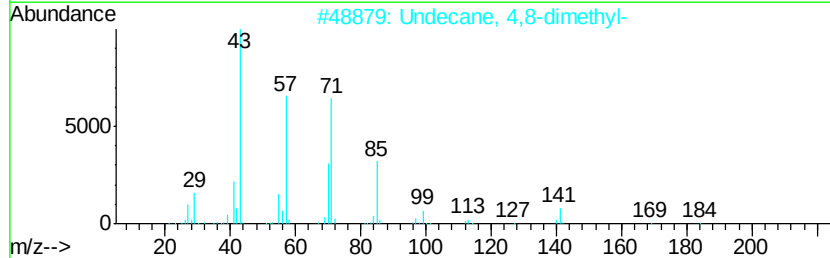
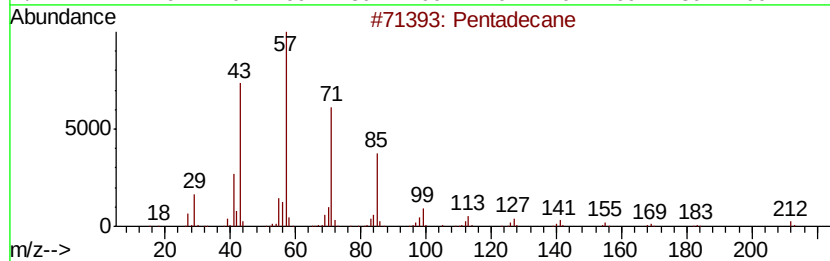
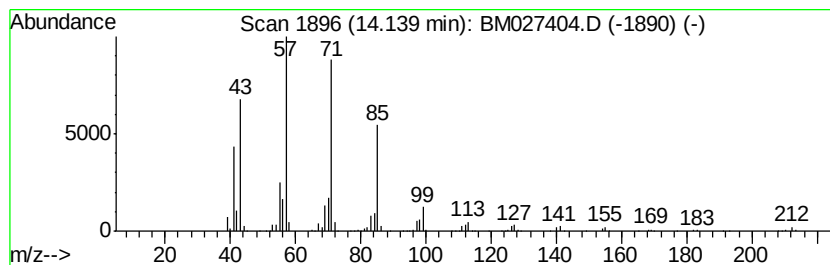
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	4.85 ng/ul	610550	Acenaphthene-d10	14.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	90
2			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	83
3			Pentadecane	212	C15H32	000629-62-9	68
4			1-Decene, 4-methyl-	154	C11H22	013151-29-6	60
5			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59



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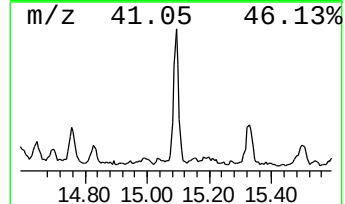
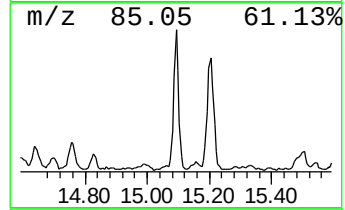
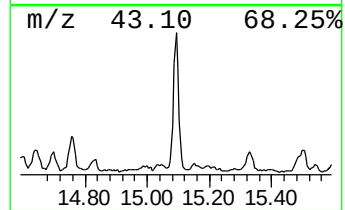
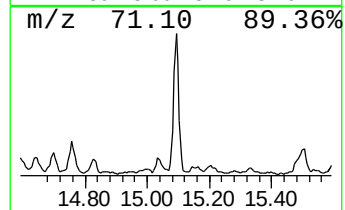
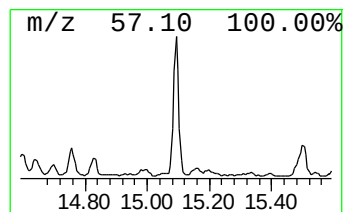
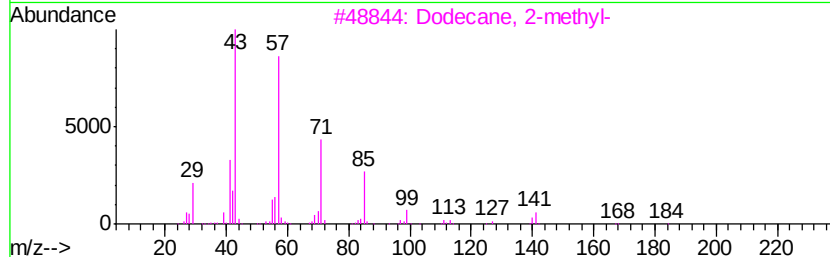
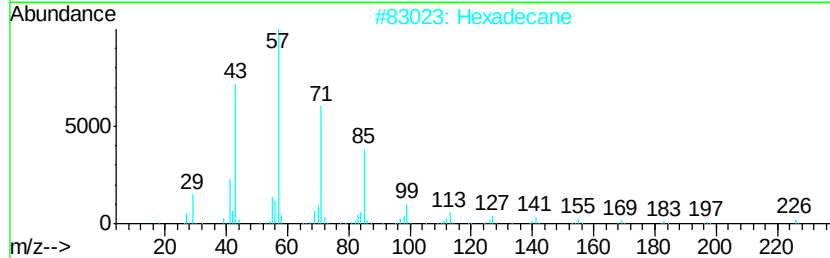
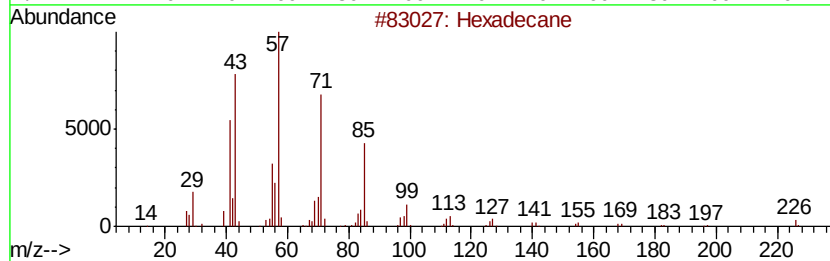
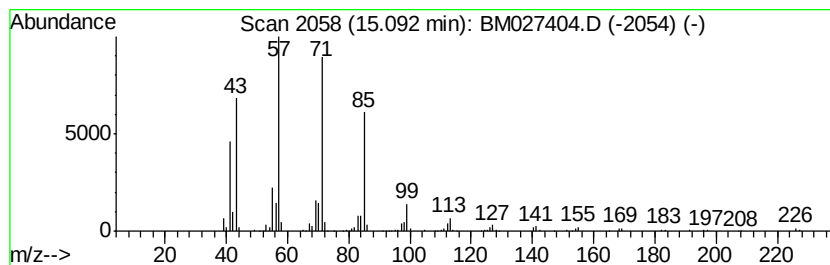
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	3.20 ng/ul	402473	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	70
5		Tetradecane	198	C14H30	000629-59-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027404.D
Acq On : 11 Sep 2020 14:41
Operator : JU/CG
Sample : L3963-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

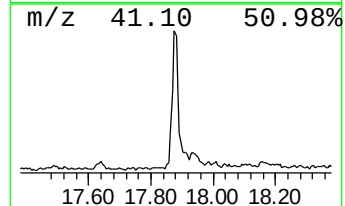
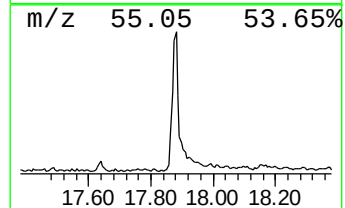
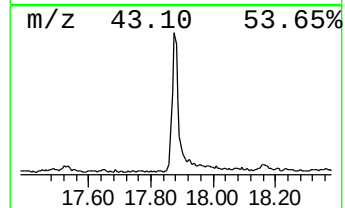
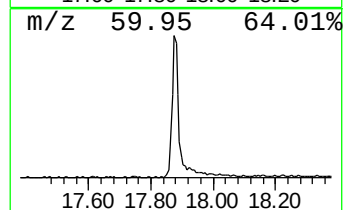
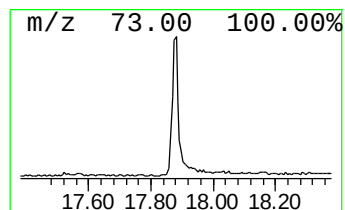
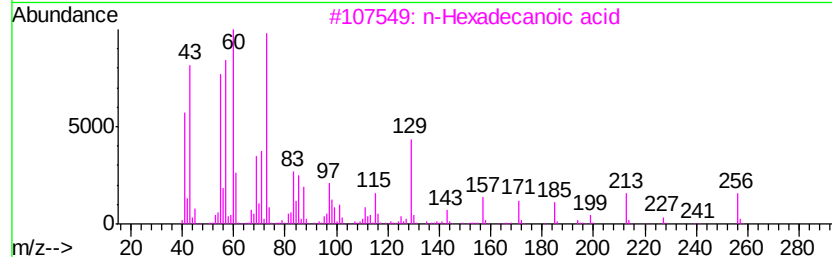
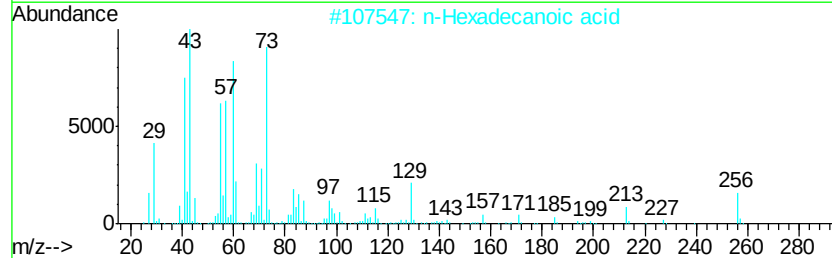
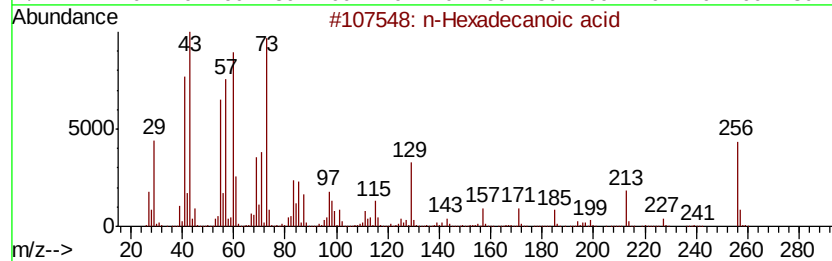
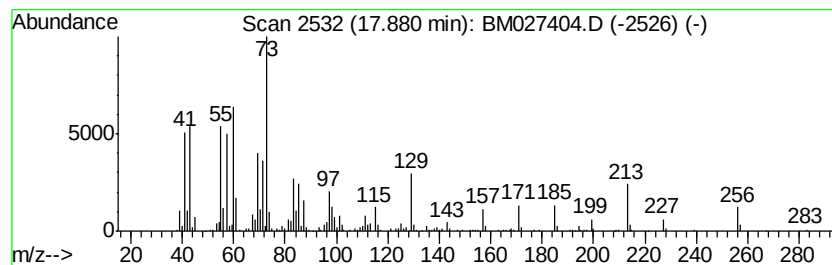
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	3.99 ng/ul	578693	Phenanthrene-d10	16.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	49
5	Pentadecanoic acid	242 C15H30O2	001002-84-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027404.D
Acq On : 11 Sep 2020 14:41
Operator : JU/CG
Sample : L3963-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F4Y52

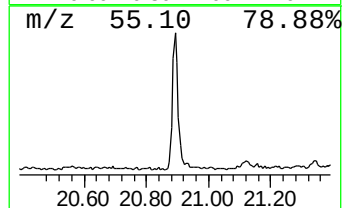
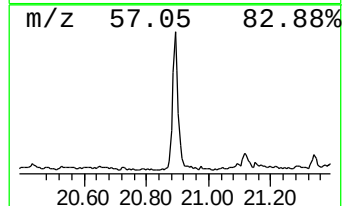
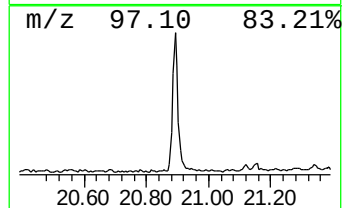
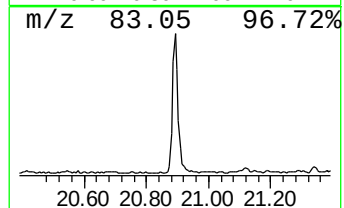
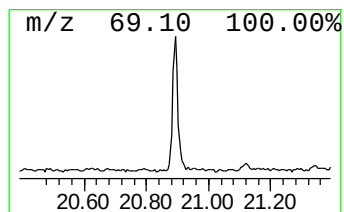
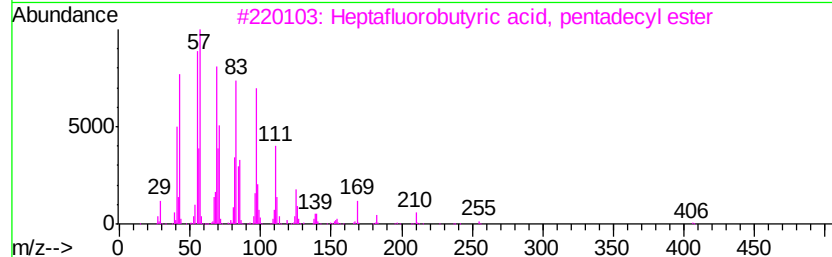
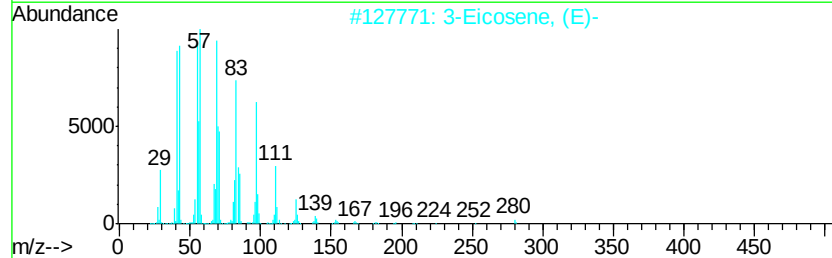
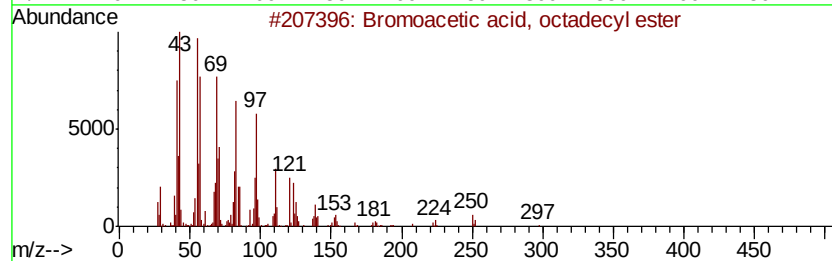
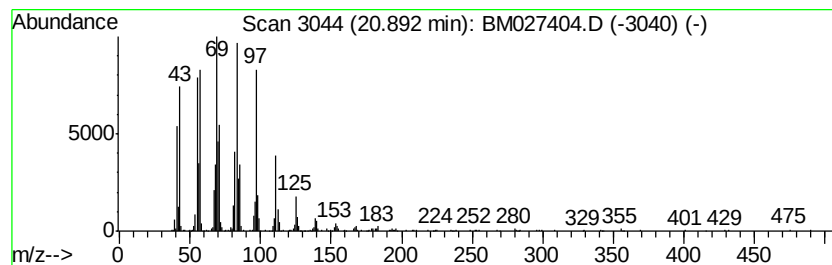
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Bromoacetic acid, octadecyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	5.25 ng/ul	621650	Chrysene-d12	21.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	89
4		Behenic alcohol	326	C22H46O	000661-19-8	89
5		9-Octadecene, (E)-	252	C18H36	007206-25-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091020\
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Sample : L3963-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F4Y52

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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
Phenol, 4-(1,1-di...	13.05	5.9	ng/ul	746456	3	14.20	2516450	20.0
(DEL) Alkane: Str...	14.14	4.8	ng/ul	610550	3	14.20	2516450	20.0
(DEL) Alkane: Str...	15.09	3.2	ng/ul	402473	3	14.20	2516450	20.0
n-Hexadecanoic acid	17.88	4.0	ng/ul	578693	4	16.95	2903270	20.0
Bromoacetic acid,...	20.89	5.3	ng/ul	621650	5	21.15	2366860	20.0