

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022351.D
 Acq On : 27 Aug 2019 04:38
 Operator : HP/JU
 Sample : K4395-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE0

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-BM082219MA.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	3.122	20	23	28	rBV2	8730	11587	0.74%	0.074%
2	3.710	118	123	128	rBV2	6073	9837	0.63%	0.063%
3	6.746	634	639	651	rVB3	42006	99129	6.32%	0.633%
4	6.898	660	665	679	rBV	114787	193985	12.37%	1.239%
5	7.081	690	696	708	rBB	169367	274325	17.49%	1.752%
6	7.540	768	774	783	rBB	178382	279746	17.84%	1.787%
7	8.269	892	898	912	rBB2	129015	223780	14.27%	1.430%
8	8.716	967	974	984	rBV	185012	315565	20.12%	2.016%
9	9.422	1088	1094	1106	rBB	181673	309993	19.77%	1.980%
10	9.963	1179	1186	1205	rBV	210188	458214	29.22%	2.927%
11	10.316	1239	1246	1253	rBV	255958	427230	27.24%	2.729%
12	10.363	1253	1254	1260	rVB	3196	3068	0.20%	0.020%
13	10.504	1272	1278	1285	rBV2	18249	32257	2.06%	0.206%
14	11.439	1433	1437	1441	rBB2	2874	4959	0.32%	0.032%
15	11.916	1515	1518	1523	rVB2	2545	4034	0.26%	0.026%
16	12.786	1660	1666	1669	rBV3	2786	4714	0.30%	0.030%
17	13.027	1702	1707	1713	rBV4	3085	6080	0.39%	0.039%
18	13.239	1738	1743	1749	rBV7	6299	12971	0.83%	0.083%
19	13.380	1761	1767	1768	rBV2	2502	4488	0.29%	0.029%
20	13.480	1781	1784	1788	rBV3	1620	3037	0.19%	0.019%
21	13.557	1788	1797	1801	rBV5	3404	7114	0.45%	0.045%
22	13.627	1801	1809	1814	rBV	573865	782863	49.92%	5.001%
23	13.674	1814	1817	1822	rVB	80160	99243	6.33%	0.634%
24	13.774	1831	1834	1837	rVV3	3357	5196	0.33%	0.033%
25	13.892	1844	1854	1870	rBV	645011	919280	58.62%	5.873%
26	14.010	1870	1874	1876	rVV3	4140	6246	0.40%	0.040%
27	14.033	1876	1878	1882	rVV3	4953	5465	0.35%	0.035%
28	14.145	1893	1897	1900	rBV4	3335	4504	0.29%	0.029%
29	14.198	1900	1906	1912	rVV2	459413	647223	41.27%	4.135%
30	14.263	1912	1917	1924	rVB	153776	228995	14.60%	1.463%
31	14.339	1926	1930	1931	rBV3	4965	7112	0.45%	0.045%
32	14.504	1952	1958	1964	rBV3	31087	65051	4.15%	0.416%
33	14.616	1974	1977	1979	rBV4	2666	3370	0.21%	0.022%
34	14.710	1991	1993	1997	rVB3	5255	5339	0.34%	0.034%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022351.D
 Acq On : 27 Aug 2019 04:38
 Operator : HP/JU
 Sample : K4395-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE0

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-BM082219MA.M
 Title : SVOA CALIBRATION

35	14.751	1997	2000	2003	rBV3	2868	4065	0.26%	0.026%
36	14.804	2008	2009	2013	rVV4	4891	6023	0.38%	0.038%
37	14.839	2013	2015	2019	rVV3	4968	6648	0.42%	0.042%
38	14.898	2021	2025	2029	rBV5	4928	8616	0.55%	0.055%
39	14.951	2031	2034	2039	rVB5	6840	10586	0.68%	0.068%
40	15.004	2039	2043	2044	rBV4	3481	4433	0.28%	0.028%
41	15.074	2051	2055	2056	rBV4	2140	3164	0.20%	0.020%
42	15.121	2061	2063	2068	rVB3	8267	11804	0.75%	0.075%
43	15.204	2071	2077	2085	rVB	843529	1158143	73.85%	7.398%
44	15.274	2085	2089	2093	rVB6	14189	20605	1.31%	0.132%
45	15.327	2093	2098	2099	rBV2	6892	7568	0.48%	0.048%
46	15.374	2099	2106	2111	rBV	252050	388680	24.79%	2.483%
47	15.492	2122	2126	2129	rBV4	16655	23530	1.50%	0.150%
48	15.521	2129	2131	2136	rVB6	11029	15574	0.99%	0.099%
49	15.674	2150	2157	2161	rBV2	42052	72957	4.65%	0.466%
50	15.716	2161	2164	2168	rVB4	22669	29266	1.87%	0.187%
51	15.786	2171	2176	2180	rBV2	21033	34302	2.19%	0.219%
52	15.851	2180	2187	2190	rVV6	18583	34352	2.19%	0.219%
53	15.968	2202	2207	2209	rBV3	12971	20660	1.32%	0.132%
54	16.057	2218	2222	2225	rBV6	9286	15505	0.99%	0.099%
55	16.086	2225	2227	2230	rVV4	6700	7072	0.45%	0.045%
56	16.163	2236	2240	2244	rBV6	12241	23464	1.50%	0.150%
57	16.245	2247	2254	2257	rBV9	8902	20088	1.28%	0.128%
58	16.339	2267	2270	2275	rVB7	9099	10143	0.65%	0.065%
59	16.421	2280	2284	2287	rVV5	10294	13251	0.84%	0.085%
60	16.510	2295	2299	2301	rBV4	8907	12692	0.81%	0.081%
61	16.533	2301	2303	2307	rVB5	7088	8656	0.55%	0.055%
62	16.621	2317	2318	2319	rBV	6428	3345	0.21%	0.021%
63	16.657	2322	2324	2326	rBV3	4748	5027	0.32%	0.032%
64	16.727	2333	2336	2337	rBV3	6796	5281	0.34%	0.034%
65	16.845	2353	2356	2359	rBV5	9785	16132	1.03%	0.103%
66	16.898	2359	2365	2370	rVV5	25478	70547	4.50%	0.451%
67	16.962	2370	2376	2382	rVB2	588492	808890	51.58%	5.167%
68	17.062	2387	2393	2402	rVV	921119	1332576	84.98%	8.513%
69	17.151	2402	2408	2411	rVV8	19876	47015	3.00%	0.300%
70	17.180	2411	2413	2416	rVB4	13965	16576	1.06%	0.106%
71	17.245	2422	2424	2430	rVB7	10539	15524	0.99%	0.099%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022351.D
 Acq On : 27 Aug 2019 04:38
 Operator : HP/JU
 Sample : K4395-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE0

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-BM082219MA.M
 Title : SVOA CALIBRATION

72	17.362	2440	2444	2445	rBV3	10067	11499	0.73%	0.073%
73	17.462	2457	2461	2467	rBV4	18853	36938	2.36%	0.236%
74	17.615	2483	2487	2488	rBV2	23339	27129	1.73%	0.173%
75	17.633	2488	2490	2494	rVB2	27661	30475	1.94%	0.195%
76	17.704	2494	2502	2504	rBV9	21014	43702	2.79%	0.279%
77	17.821	2518	2522	2525	rBV	82522	104235	6.65%	0.666%
78	17.862	2525	2529	2534	rVV	163909	206080	13.14%	1.316%
79	17.986	2546	2550	2555	rBV3	23978	37871	2.41%	0.242%
80	18.051	2555	2561	2566	rBV3	63640	129528	8.26%	0.827%
81	18.145	2573	2577	2581	rBV2	27995	53660	3.42%	0.343%
82	18.180	2581	2583	2589	rVB5	24611	31688	2.02%	0.202%
83	18.251	2590	2595	2601	rBV3	48754	81453	5.19%	0.520%
84	18.315	2603	2606	2611	rBV4	14330	21350	1.36%	0.136%
85	18.368	2612	2615	2619	rBV3	16354	20699	1.32%	0.132%
86	18.439	2624	2627	2632	rVB3	42135	67021	4.27%	0.428%
87	18.574	2647	2650	2656	rVB3	28704	45848	2.92%	0.293%
88	18.639	2658	2661	2664	rVB5	13068	16288	1.04%	0.104%
89	19.004	2718	2723	2725	rBV3	34637	52308	3.34%	0.334%
90	19.033	2725	2728	2733	rVB	81010	116784	7.45%	0.746%
91	19.156	2744	2749	2754	rBV2	149652	230716	14.71%	1.474%
92	19.251	2761	2765	2770	rBV2	48864	65234	4.16%	0.417%
93	19.374	2780	2786	2795	rBV	1176577	1568168	100.00%	10.018%
94	19.445	2795	2798	2803	rVB3	33429	49269	3.14%	0.315%
95	19.798	2856	2858	2862	rVB	17470	19220	1.23%	0.123%
96	20.539	2981	2984	2993	rVB	46237	73209	4.67%	0.468%
97	20.874	3037	3041	3049	rVB2	100341	135430	8.64%	0.865%
98	21.174	3087	3092	3099	rBV	619034	783310	49.95%	5.004%
99	23.227	3434	3441	3451	rVB	616200	1162116	74.11%	7.424%
100	23.362	3458	3464	3474	rVB	348244	673882	42.97%	4.305%

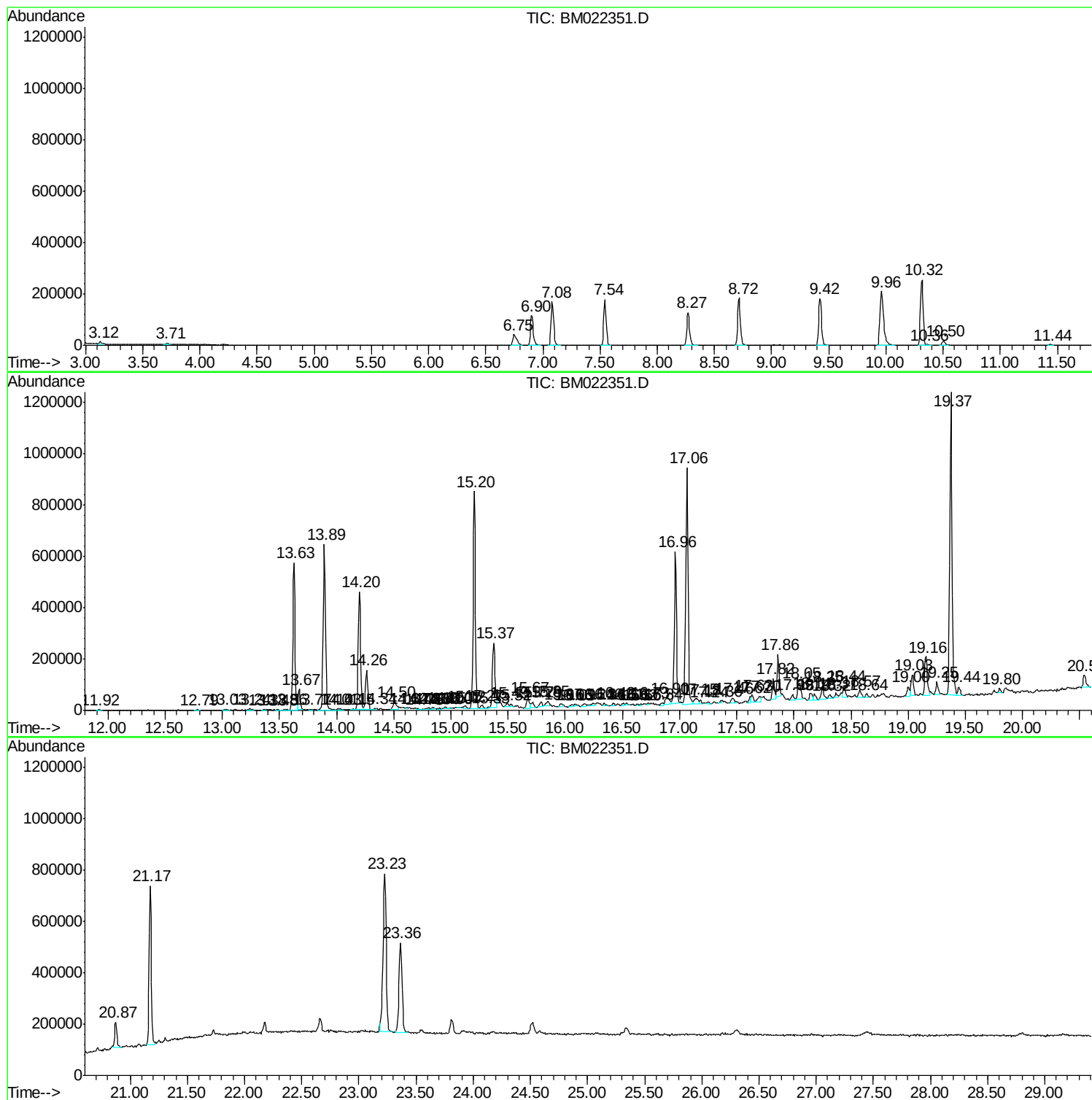
Sum of corrected areas: 15653870

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022351.D
Acq On : 27 Aug 2019 04:38
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022351.D
Acq On : 27 Aug 2019 04:38
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE0

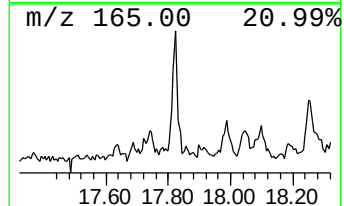
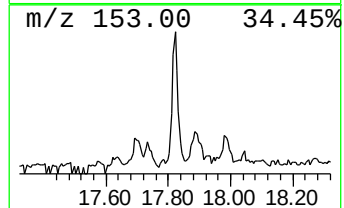
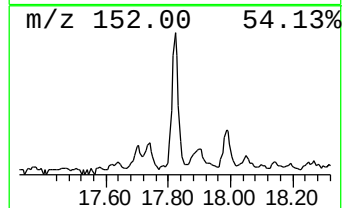
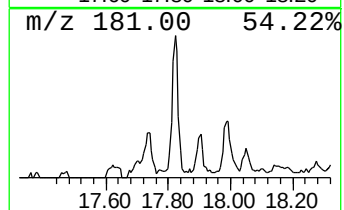
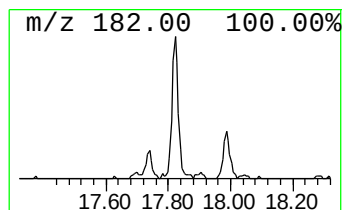
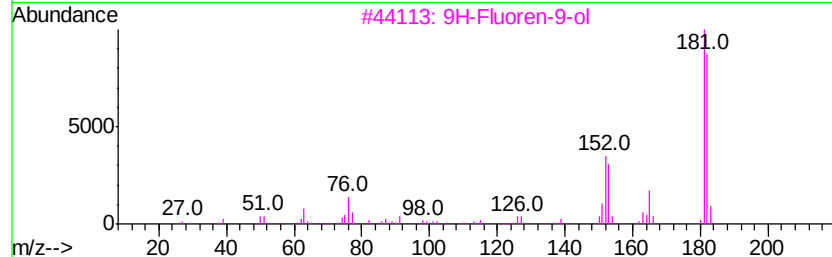
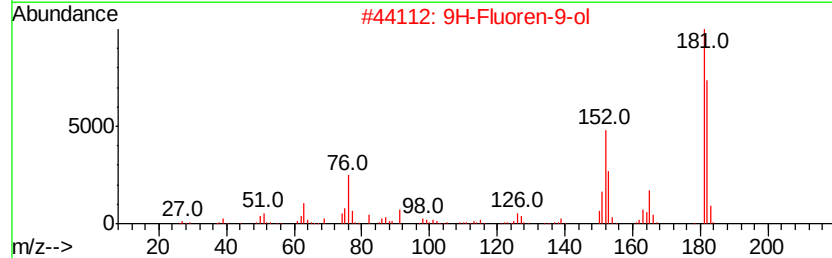
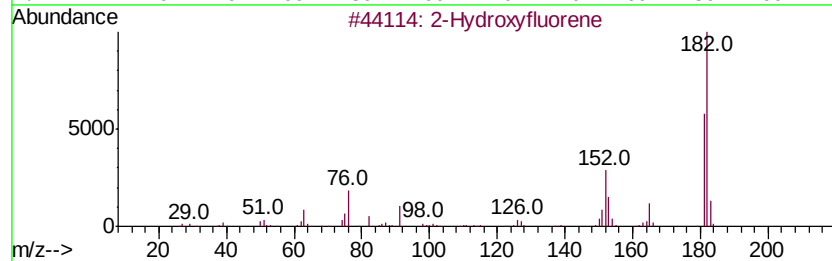
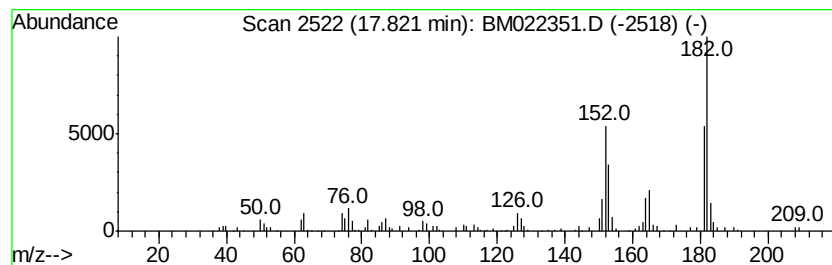
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Hydroxyfluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.58 ng/ul	104235	Phenanthrene-d10	16.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Hydroxyfluorene	182	C13H10O	002443-58-5	94
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	76
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	70
5		9H-Xanthene	182	C13H10O	000092-83-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022351.D
Acq On : 27 Aug 2019 04:38
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

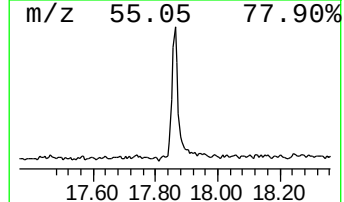
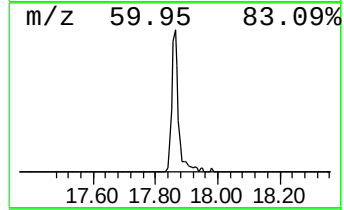
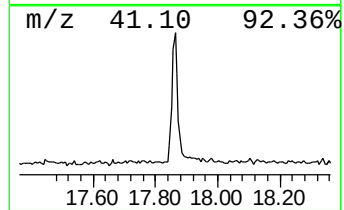
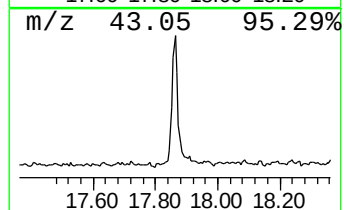
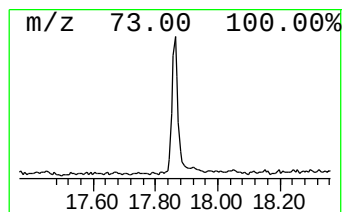
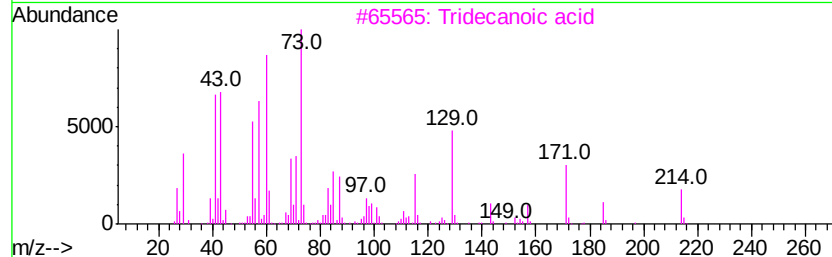
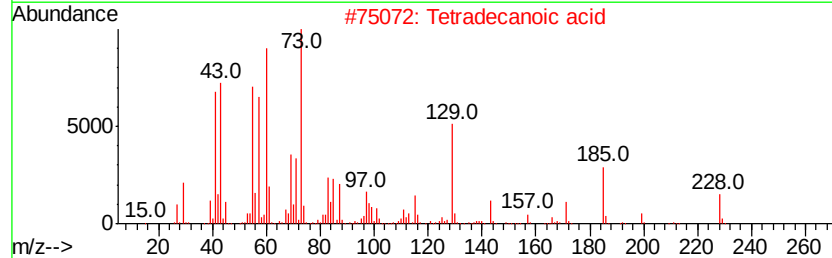
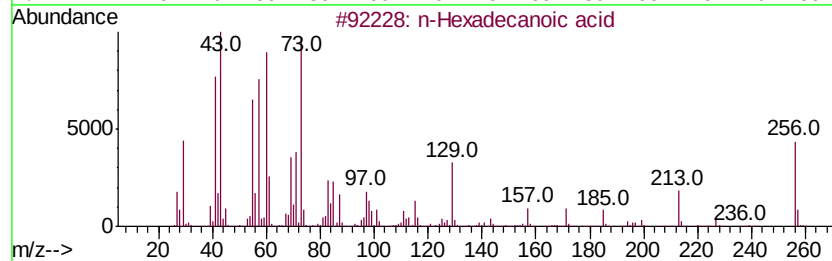
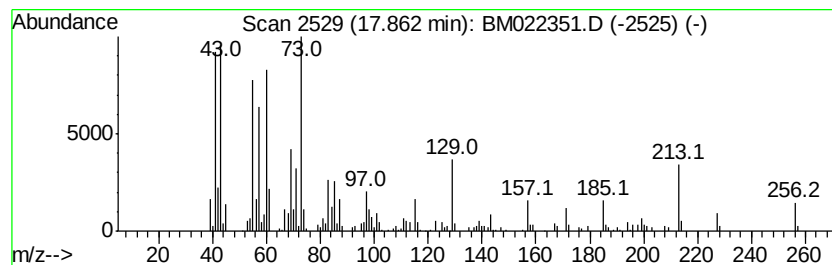
Instrument :
BNA_M
ClientSampleId :
C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
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.		
17.86	5.10 ng/ul	206080	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	93
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022351.D
Acq On : 27 Aug 2019 04:38
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

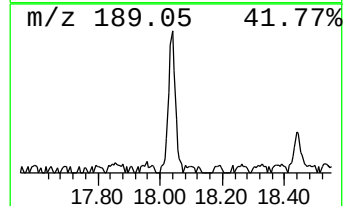
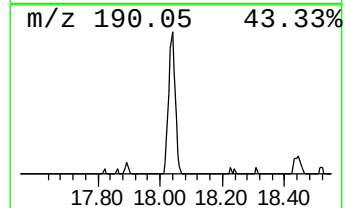
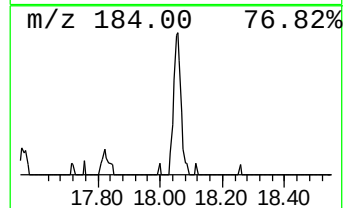
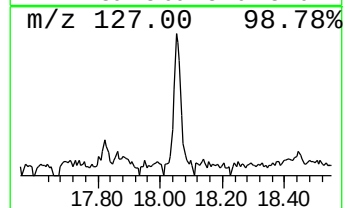
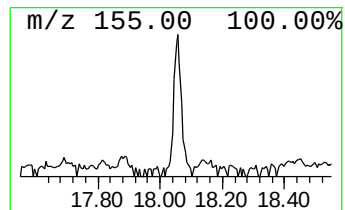
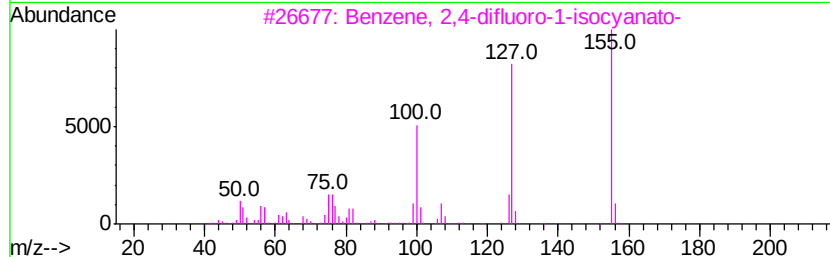
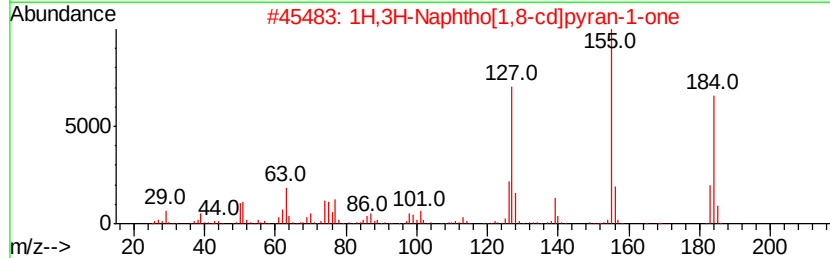
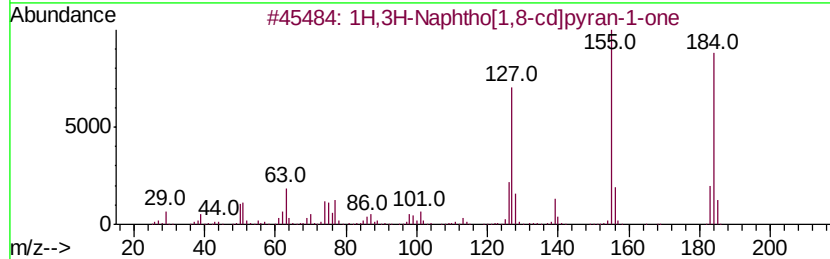
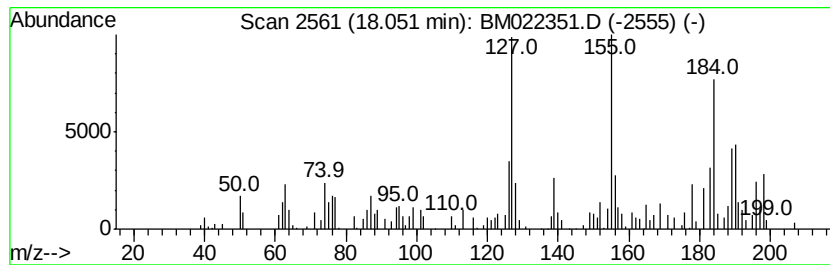
Instrument :
BNA_M
ClientSampleId :
C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1H,3H-Naphtho[1,8-cd]pyran-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.05	3.20 ng/ul	129528	Phenanthrene-d10	16.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,3H-Naphtho[1,8-cd]pyran-1-one	184	C12H8O2	000518-86-5	53
2	1H,3H-Naphtho[1,8-cd]pyran-1-one	184	C12H8O2	000518-86-5	51
3	Benzene, 2,4-difluoro-1-isocvanato-	155	C7H3F2N0	059025-55-7	38
4	2-Naphthalenecarbonyl chloride	190	C11H7ClO	002243-83-6	35
5	Cyclopropyl naphthalen-1-ylmetha...	196	C14H12O	077972-87-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022351.D
Acq On : 27 Aug 2019 04:38
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

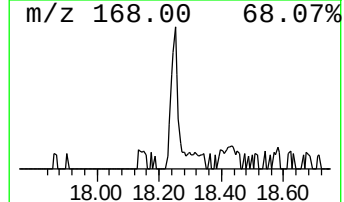
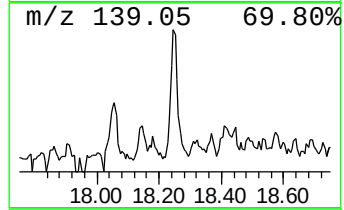
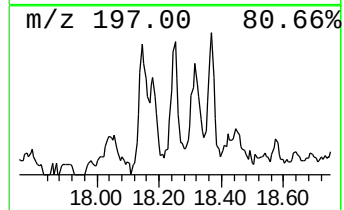
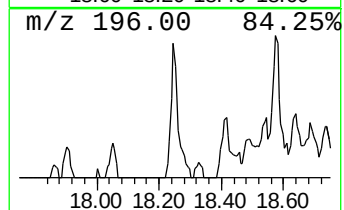
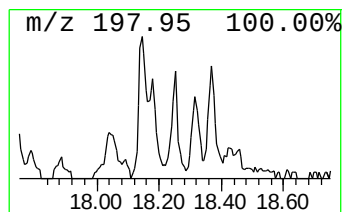
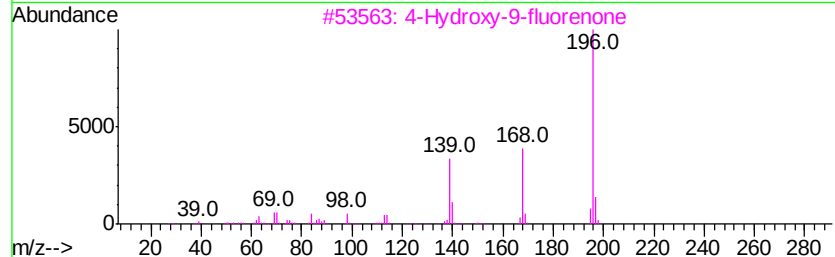
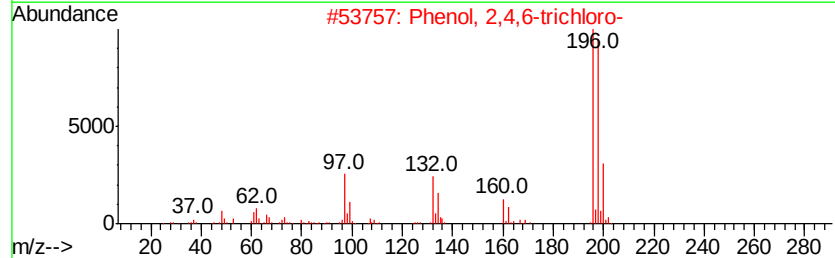
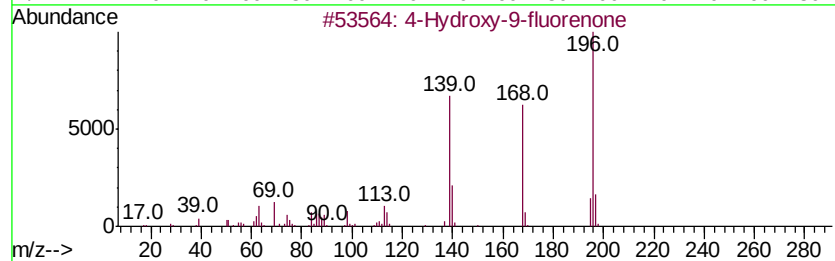
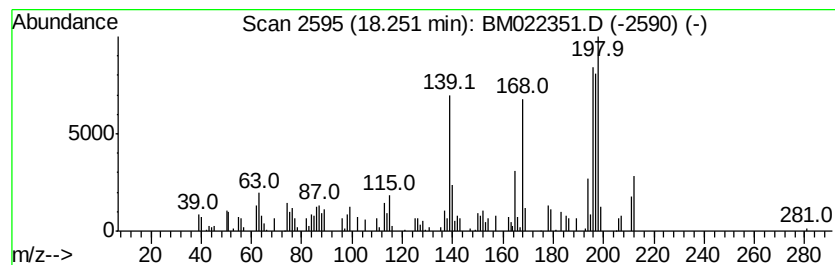
Instrument :
BNA_M
ClientSampleId :
C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 4-Hydroxy-9-fluorenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.25	2.01 ng/ul	81453	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Hydroxy-9-fluorenone	196	C13H8O2	001986-00-1	58
2		Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	38
3		4-Hydroxy-9-fluorenone	196	C13H8O2	001986-00-1	38
4		1H-Pyrimido[1,2-a]quinolin-1-one	196	C12H8N2O	023443-27-8	35
5		9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022351.D
Acq On : 27 Aug 2019 04:38
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE0

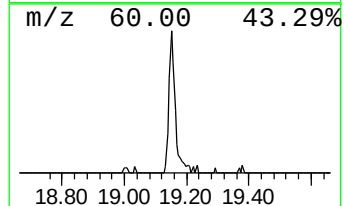
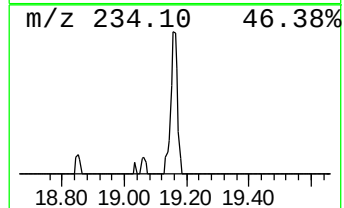
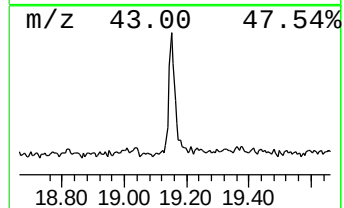
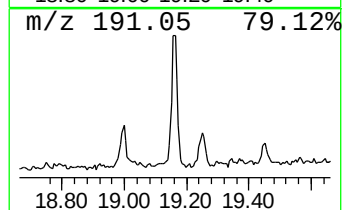
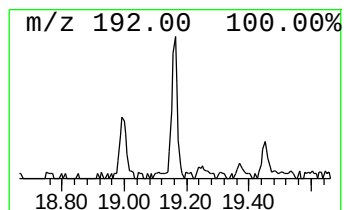
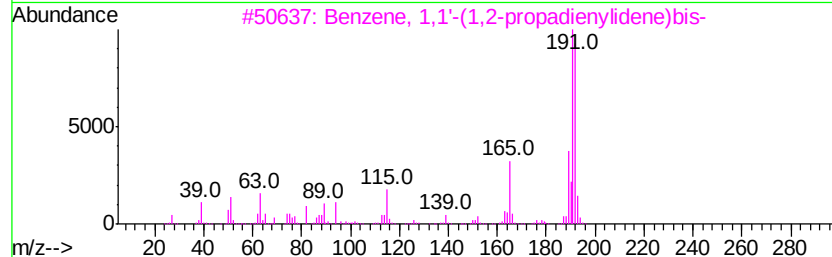
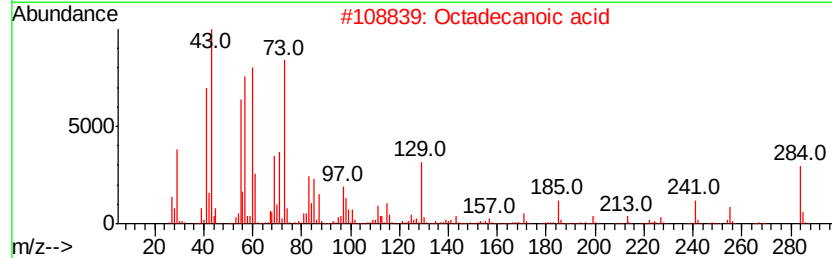
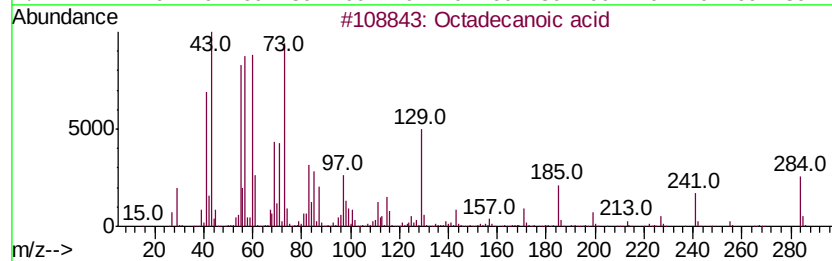
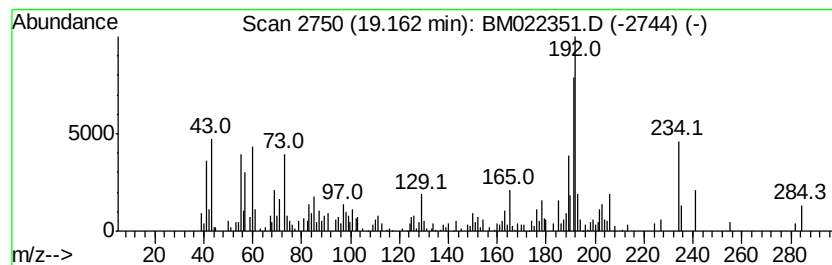
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	5.89 ng/ul	230716	Chrysene-d12	21.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93	
3	Benzene, 1,1'-(1,2-propadienyldi...	192	C15H12	014251-57-1	81	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	64	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022351.D
Acq On : 27 Aug 2019 04:38
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE0

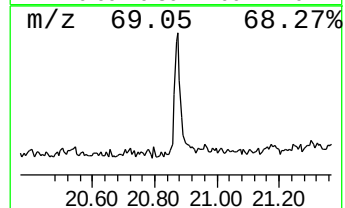
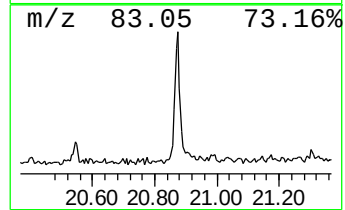
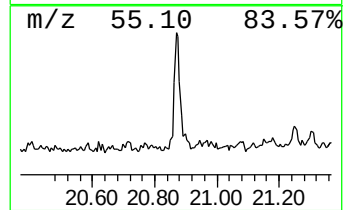
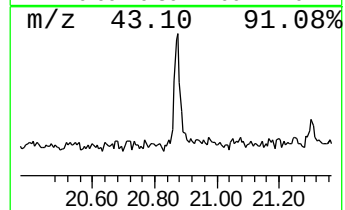
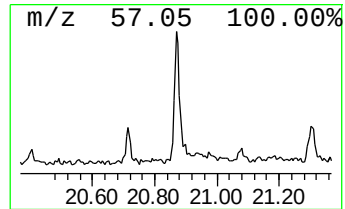
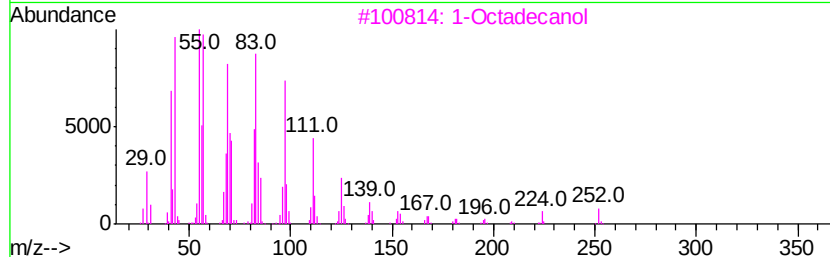
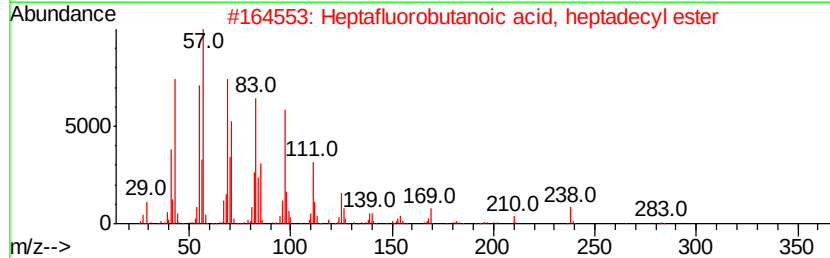
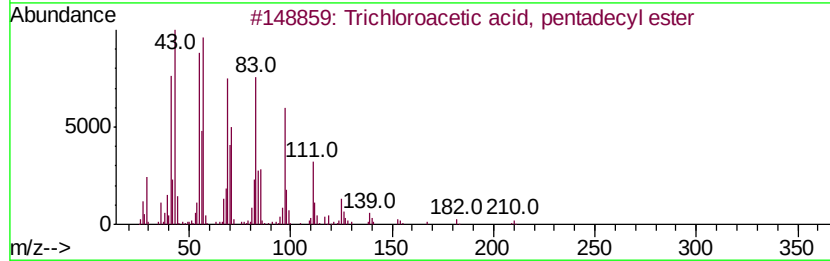
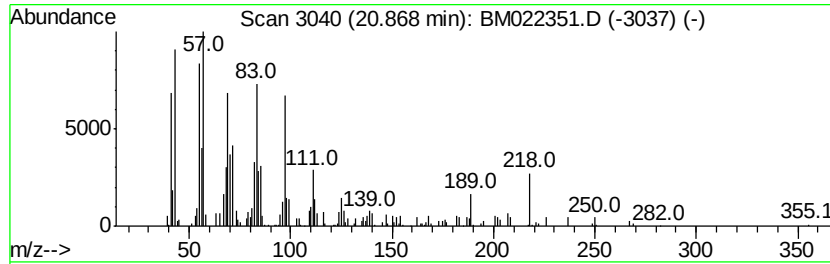
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.46 ng/ul	135430	Chrysene-d12	21.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
2			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
3			1-Octadecanol	270	C18H38O	000112-92-5	93
4			3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022351.D
Acq On : 27 Aug 2019 04:38
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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
2-Hydroxyfluorene	17.82	2.6	ng/ul	104235	4	16.96	808890	20.0
n-Hexadecanoic acid	17.86	5.1	ng/ul	206080	4	16.96	808890	20.0
1H,3H-Naphtho[1,8...	18.05	3.2	ng/ul	129528	4	16.96	808890	20.0
4-Hydroxy-9-fluor...	18.25	2.0	ng/ul	81453	4	16.96	808890	20.0
Octadecanoic acid	19.16	5.9	ng/ul	230716	5	21.17	783310	20.0
Trichloroacetic a...	20.87	3.5	ng/ul	135430	5	21.17	783310	20.0