

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
 Data File : BM017343.D
 Acq On : 25 Oct 2018 14:35
 Operator : MJ/SJ
 Sample : J5598-07DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD4DL

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-BM102418MA.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	6.839	647	655	666	RBV2	129211	301759	2.37%	0.272%
2	6.998	677	682	696	RBV	111280	182704	1.44%	0.165%
3	7.192	707	715	724	RBV	144016	238127	1.87%	0.215%
4	7.651	787	793	803	RVB	992115	1599476	12.57%	1.444%
5	8.186	878	884	890	RBV	24774	42392	0.33%	0.038%
6	8.363	908	914	923	RBV	144797	273249	2.15%	0.247%
7	8.810	983	990	997	RBV	135087	230670	1.81%	0.208%
8	9.522	1104	1111	1124	RBV	104539	191191	1.50%	0.173%
9	10.063	1195	1203	1214	RBV	128932	277396	2.18%	0.250%
10	10.427	1258	1265	1271	RBV	1568458	2622867	20.62%	2.368%
11	10.475	1271	1273	1280	RVV	99097	140196	1.10%	0.127%
12	10.580	1283	1291	1305	RBV	99356	230572	1.81%	0.208%
13	12.098	1544	1549	1555	RVV	51264	85873	0.67%	0.078%
14	12.321	1581	1587	1593	RVB2	30919	45283	0.36%	0.041%
15	13.127	1717	1724	1730	RBV4	19697	33720	0.27%	0.030%
16	13.716	1819	1824	1828	RVV	343759	510734	4.01%	0.461%
17	13.763	1828	1832	1841	RVV	101461	159504	1.25%	0.144%
18	13.986	1862	1870	1873	RBV	418257	643121	5.05%	0.581%
19	14.015	1873	1875	1882	RVB	192044	243569	1.91%	0.220%
20	14.298	1914	1923	1930	RBV2	2398117	3690845	29.01%	3.333%
21	14.357	1930	1933	1942	RVB	35477	61321	0.48%	0.055%
22	14.539	1960	1964	1974	RBV5	40394	112192	0.88%	0.101%
23	14.698	1985	1991	1998	RBV	97563	155858	1.23%	0.141%
24	15.292	2086	2092	2098	RBV	576096	839868	6.60%	0.758%
25	15.351	2098	2102	2109	RVB4	29709	60143	0.47%	0.054%
26	15.427	2111	2115	2122	RBV2	102250	164418	1.29%	0.148%
27	15.645	2147	2152	2157	RBV3	20169	36626	0.29%	0.033%
28	15.792	2168	2177	2184	RBV5	28170	66507	0.52%	0.060%
29	16.033	2211	2218	2226	RBV5	53318	117524	0.92%	0.106%
30	16.627	2315	2319	2325	RVV2	33055	51543	0.41%	0.047%
31	16.704	2328	2332	2339	RVB	104773	159360	1.25%	0.144%
32	16.868	2356	2360	2369	RVB	37073	67954	0.53%	0.061%
33	16.962	2369	2376	2383	RBV9	20795	41657	0.33%	0.038%
34	17.045	2384	2390	2395	RBV	3186821	4661191	36.64%	4.209%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
 Data File : BM017343.D
 Acq On : 25 Oct 2018 14:35
 Operator : MJ/SJ
 Sample : J5598-07DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD4DL

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-BM102418MA.M
 Title : SVOA CALIBRATION

35	17.086	2395	2397	2402	rVV	448982	601341	4.73%	0.543%
36	17.145	2402	2407	2410	rVV	671548	949814	7.47%	0.858%
37	17.180	2410	2413	2419	rVV	413989	610140	4.80%	0.551%
38	17.245	2419	2424	2429	rVB3	39432	71098	0.56%	0.064%
39	17.456	2452	2460	2464	rBV2	113790	197718	1.55%	0.179%
40	17.568	2474	2479	2485	rVB4	39347	78118	0.61%	0.071%
41	17.633	2486	2490	2497	rVB9	20574	37956	0.30%	0.034%
42	17.727	2503	2506	2510	rVB4	35316	47147	0.37%	0.043%
43	17.921	2533	2539	2541	rBV2	59134	89530	0.70%	0.081%
44	17.968	2541	2547	2555	rVB2	110412	254038	2.00%	0.229%
45	18.051	2555	2561	2565	rBV	70097	111594	0.88%	0.101%
46	18.115	2567	2572	2577	rBV2	124087	246103	1.93%	0.222%
47	18.245	2590	2594	2597	rBV5	28125	44288	0.35%	0.040%
48	18.321	2603	2607	2612	rBV3	41173	61013	0.48%	0.055%
49	18.427	2622	2625	2628	rBV	58888	67003	0.53%	0.060%
50	18.474	2628	2633	2638	rVB	152113	206448	1.62%	0.186%
51	18.674	2664	2667	2671	rVB6	34992	48517	0.38%	0.044%
52	18.727	2672	2676	2678	rVV2	36955	41204	0.32%	0.037%
53	18.762	2679	2682	2686	rVB	52830	64528	0.51%	0.058%
54	18.856	2692	2698	2703	rBV2	106936	268682	2.11%	0.243%
55	18.909	2704	2707	2711	rVB2	171696	201498	1.58%	0.182%
56	18.986	2716	2720	2727	rVV	428096	620662	4.88%	0.560%
57	19.045	2727	2730	2733	rVV3	59073	74530	0.59%	0.067%
58	19.109	2736	2741	2747	rVV	3441221	4475034	35.17%	4.041%
59	19.174	2750	2752	2755	rVV2	54402	76670	0.60%	0.069%
60	19.209	2755	2758	2762	rVV	133537	191043	1.50%	0.172%
61	19.262	2764	2767	2771	rVB2	98927	127927	1.01%	0.116%
62	19.339	2776	2780	2786	rVV2	125914	274137	2.15%	0.248%
63	19.445	2793	2798	2800	rBV2	1352085	1919254	15.09%	1.733%
64	19.474	2800	2803	2812	rVV	4714146	6233637	49.00%	5.629%
65	19.550	2812	2816	2823	rVB2	143421	254533	2.00%	0.230%
66	19.656	2830	2834	2839	rBV	213340	301353	2.37%	0.272%
67	19.721	2840	2845	2851	rVB	956788	1244554	9.78%	1.124%
68	19.815	2854	2861	2866	rBV5	300448	711043	5.59%	0.642%
69	19.939	2876	2882	2892	rBV5	368914	1160471	9.12%	1.048%
70	20.074	2902	2905	2908	rBV2	129956	137824	1.08%	0.124%
71	20.133	2908	2915	2919	rBV3	478362	850346	6.68%	0.768%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
 Data File : BM017343.D
 Acq On : 25 Oct 2018 14:35
 Operator : MJ/SJ
 Sample : J5598-07DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD4DL

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-BM102418MA.M
 Title : SVOA CALIBRATION

72	20.174	2919	2922	2925	rVB3	122204	154501	1.21%	0.140%
73	20.274	2934	2939	2942	rBV	444206	619676	4.87%	0.560%
74	20.321	2943	2947	2951	rVB3	221181	338093	2.66%	0.305%
75	20.639	2998	3001	3004	rVB2	130080	142837	1.12%	0.129%
76	20.680	3005	3008	3011	rVV	163040	199476	1.57%	0.180%
77	20.721	3011	3015	3022	rVV2	605375	944245	7.42%	0.853%
78	20.892	3039	3044	3047	rBV3	383387	604079	4.75%	0.545%
79	20.927	3047	3050	3053	rVV	426640	495053	3.89%	0.447%
80	20.962	3053	3056	3062	rVV	1198602	1647461	12.95%	1.488%
81	21.021	3063	3066	3070	rVB	405442	485004	3.81%	0.438%
82	21.139	3078	3086	3089	rBV4	233831	597163	4.69%	0.539%
83	21.244	3093	3104	3108	rVV2	5824671	11820579	92.91%	10.673%
84	21.280	3108	3110	3117	rVB	2846901	3324654	26.13%	3.002%
85	21.544	3152	3155	3161	rVB	559995	756750	5.95%	0.683%
86	21.603	3162	3165	3169	rBV2	254108	330135	2.59%	0.298%
87	21.839	3202	3205	3211	rVB3	457241	787415	6.19%	0.711%
88	21.986	3226	3230	3233	rBV	302518	449026	3.53%	0.405%
89	22.538	3319	3324	3336	rVB3	531728	1566440	12.31%	1.414%
90	22.662	3341	3345	3350	rVB	581395	972906	7.65%	0.878%
91	22.797	3361	3368	3373	rBV2	5530033	12722743	100.00%	11.488%
92	22.962	3392	3396	3402	rVB	740421	1091858	8.58%	0.986%
93	23.091	3415	3418	3426	rVB	350203	603830	4.75%	0.545%
94	23.268	3442	3448	3453	rBV	3074509	5514585	43.34%	4.979%
95	23.362	3458	3464	3471	rVB	2799857	5406182	42.49%	4.881%
96	23.456	3473	3480	3485	rVV	3296617	6443293	50.64%	5.818%
97	23.503	3485	3488	3495	rVB2	1073891	2002435	15.74%	1.808%
98	23.980	3566	3569	3578	rVB4	491753	935240	7.35%	0.844%
99	25.662	3847	3855	3868	rVB	1819122	5304540	41.69%	4.790%
100	26.332	3962	3969	3981	rVB	1088856	3200097	25.15%	2.889%

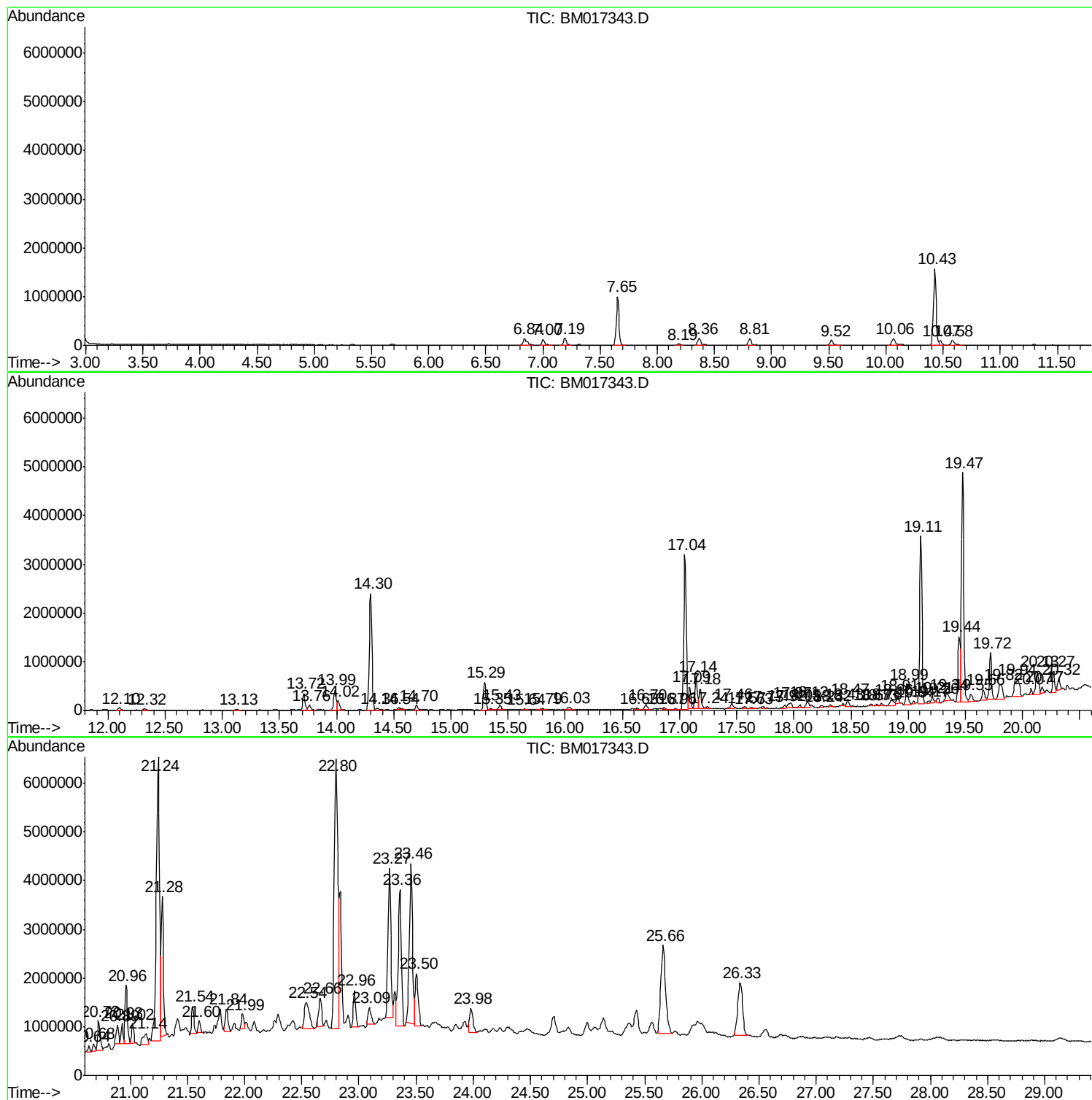
Sum of corrected areas: 110750502

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017343.D
Acq On : 25 Oct 2018 14:35
Operator : MJ/SJ
Sample : J5598-07DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017343.D
Acq On : 25 Oct 2018 14:35
Operator : MJ/SJ
Sample : J5598-07DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

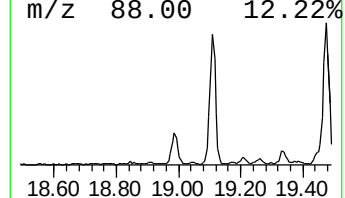
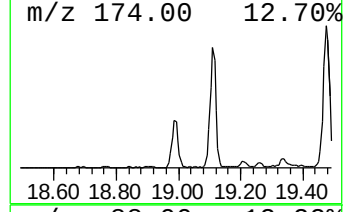
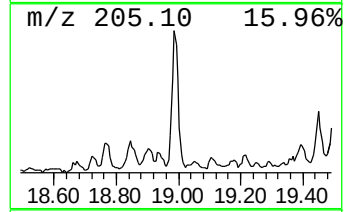
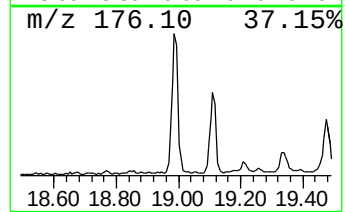
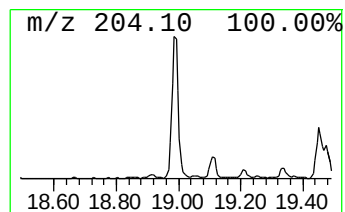
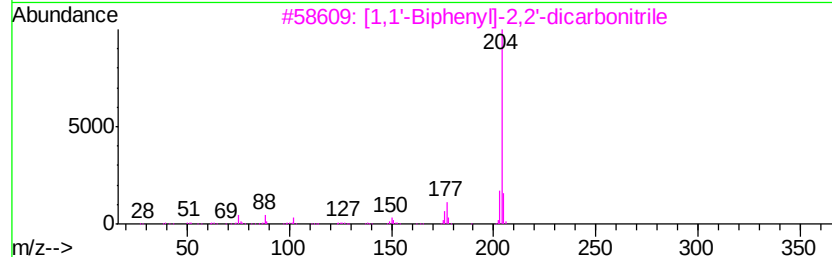
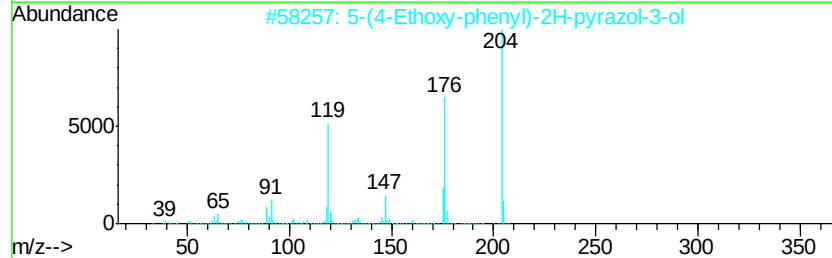
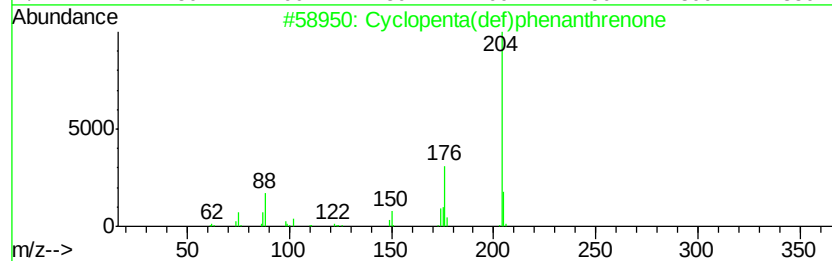
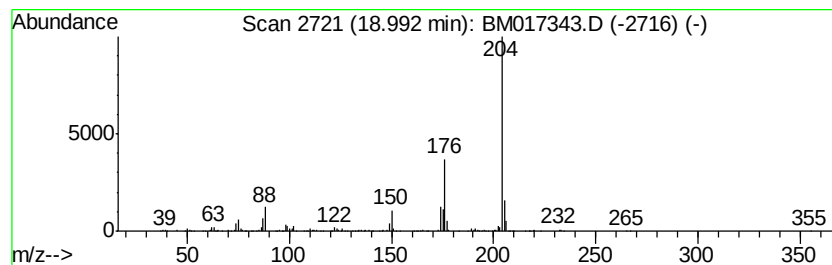
Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.99	2.66 ng/ul	620662	Phenanthrene-d10	17.04		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13N03	1000147-59-7	50
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017343.D
Acq On : 25 Oct 2018 14:35
Operator : MJ/SJ
Sample : J5598-07DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD4DL

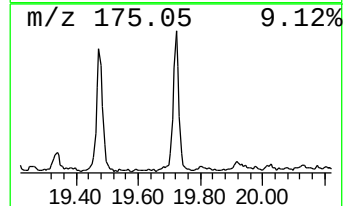
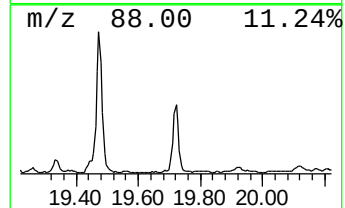
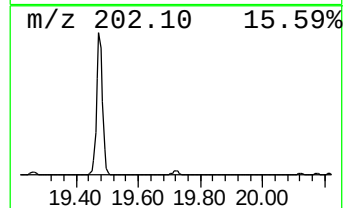
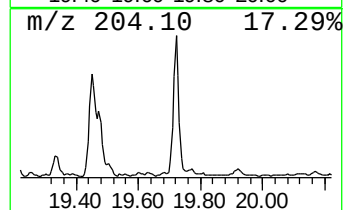
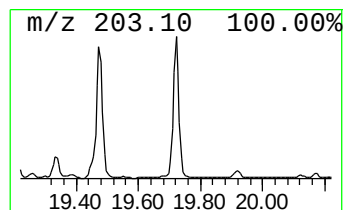
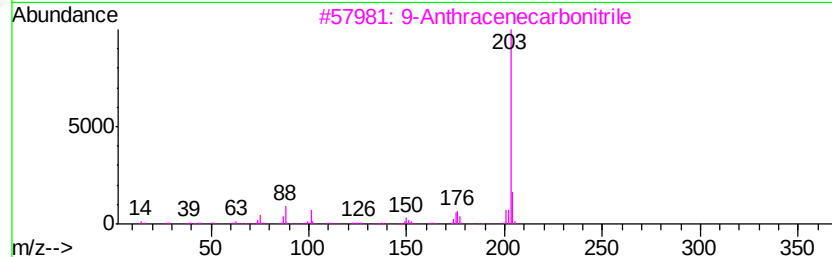
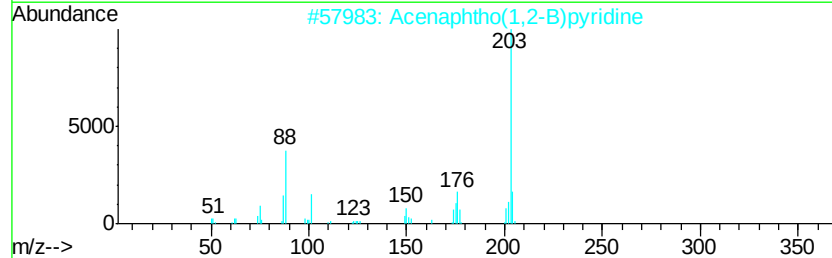
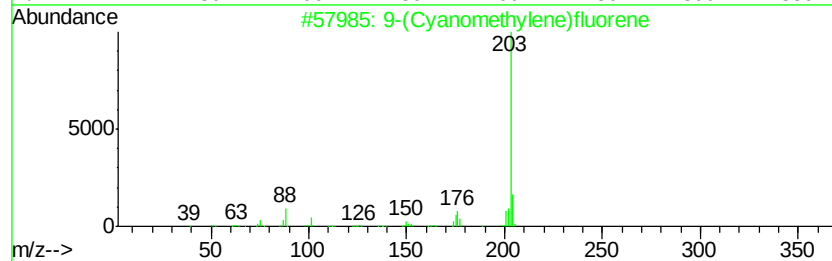
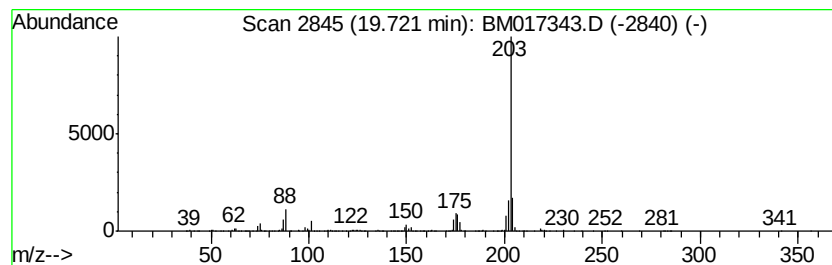
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9-(Cyanomethylene)fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.11 ng/ul	1244550	Chrysene-d12	21.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	97
2		Acenaphtho(1,2-B)pyridine	203	C15H9N	000206-49-5	96
3		9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95
4		Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	95
5		4-Azapyrene	203	C15H9N	000194-03-6	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017343.D
Acq On : 25 Oct 2018 14:35
Operator : MJ/SJ
Sample : J5598-07DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

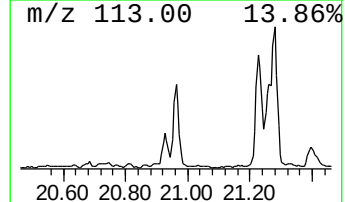
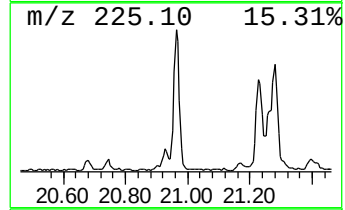
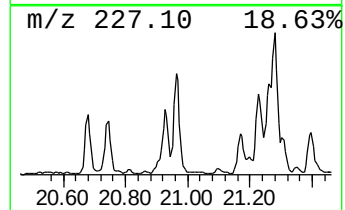
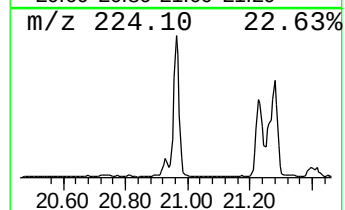
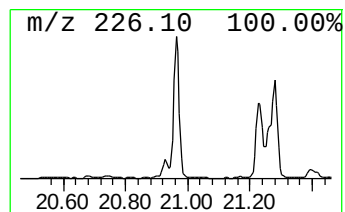
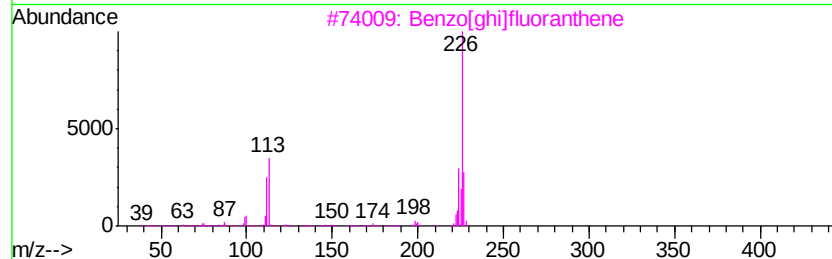
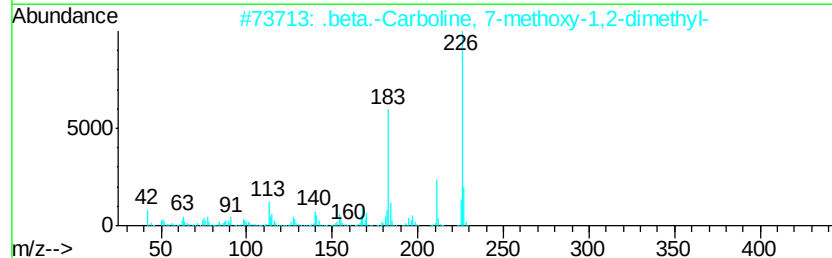
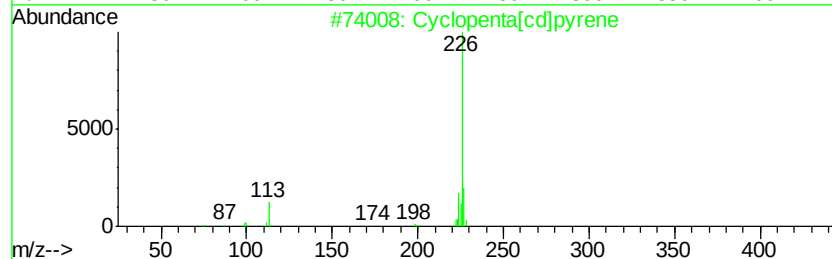
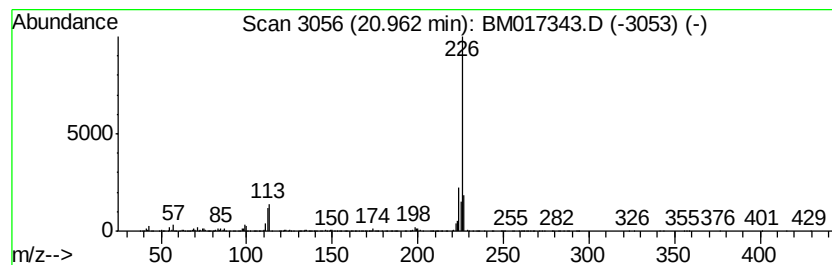
Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Cyclopenta[cd]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.79 ng/ul	1647460	Chrysene-d12	21.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 95
2		.beta.-Carboline, 7-methoxy-1,2-...	226 C14H14N2O	006519-18-2 58
3		Benzo[ghi]fluoranthene	226 C18H10	000203-12-3 47
4		9H-Xanthen-9-one, 3-methoxy-	226 C14H10O3	003722-52-9 38
5		1,3-Diamino-5,6-dihydro-7-methyl...	226 C13H14N4	037436-37-6 33



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017343.D
Acq On : 25 Oct 2018 14:35
Operator : MJ/SJ
Sample : J5598-07DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

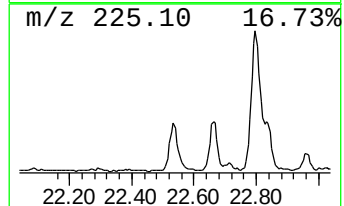
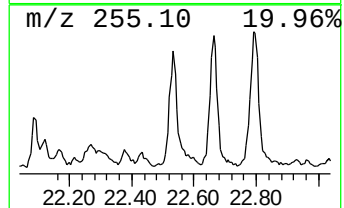
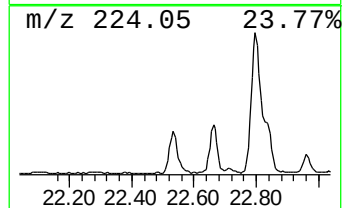
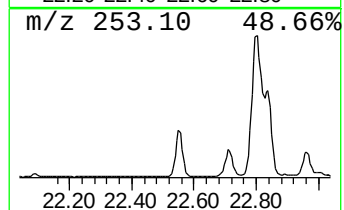
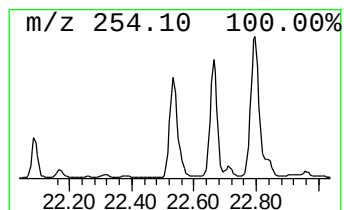
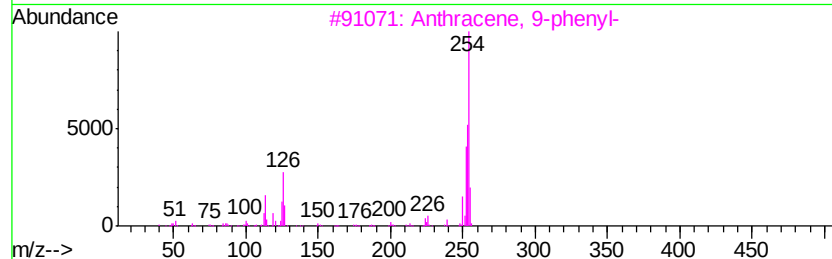
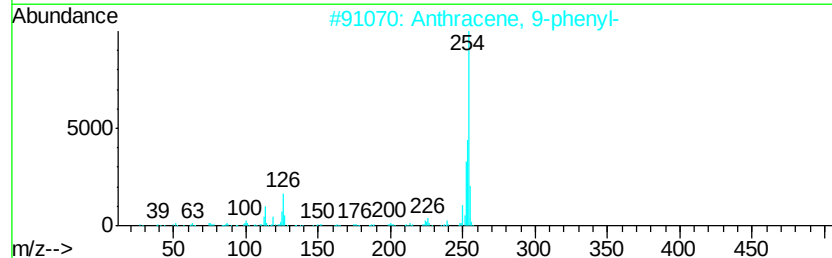
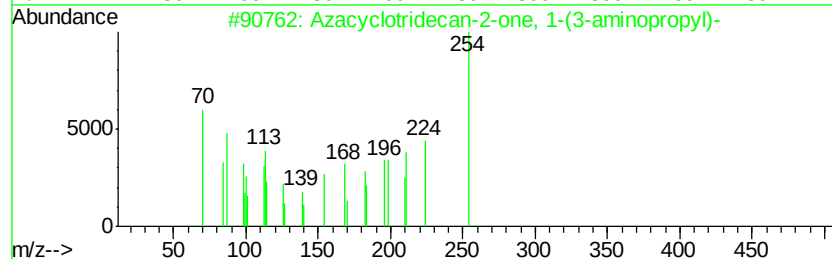
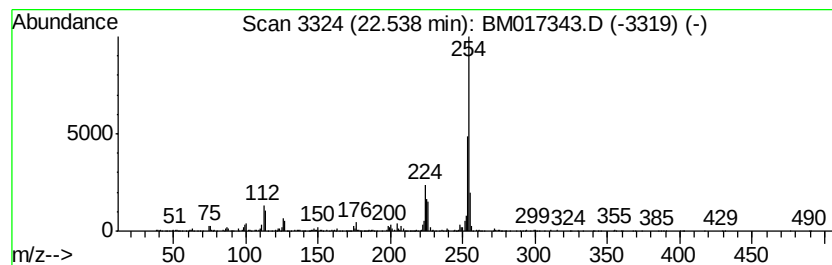
Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Azacyclotridecan-2-one, 1-(... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	4.86 ng/ul	1566440	Perylene-d12	23.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Azacyclotridecan-2-one, 1-(3-ami...	254 C15H30N2O	064414-61-5 86
2		Anthracene, 9-phenyl-	254 C20H14	000602-55-1 74
3		Anthracene, 9-phenyl-	254 C20H14	000602-55-1 72
4		Anthracene, 9-phenyl-	254 C20H14	000602-55-1 64
5		Anthracene, 9-phenyl-	254 C20H14	000602-55-1 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017343.D
Acq On : 25 Oct 2018 14:35
Operator : MJ/SJ
Sample : J5598-07DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

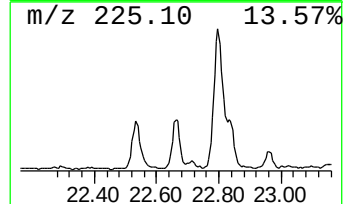
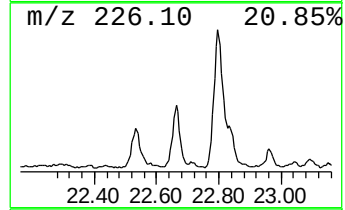
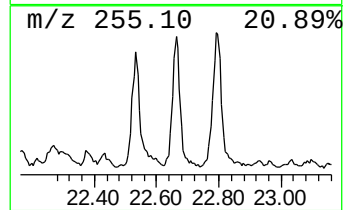
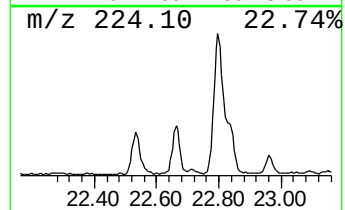
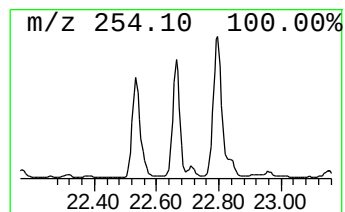
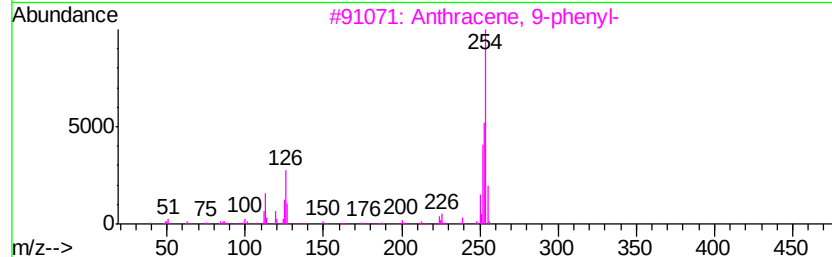
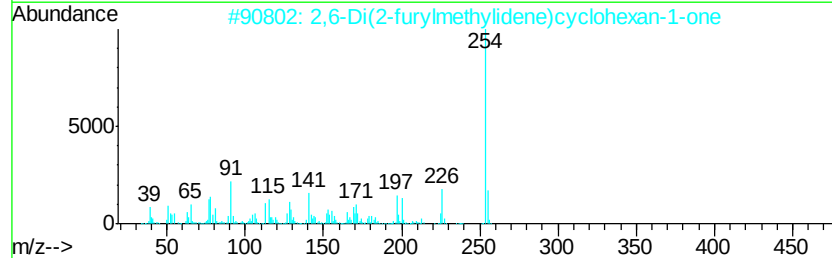
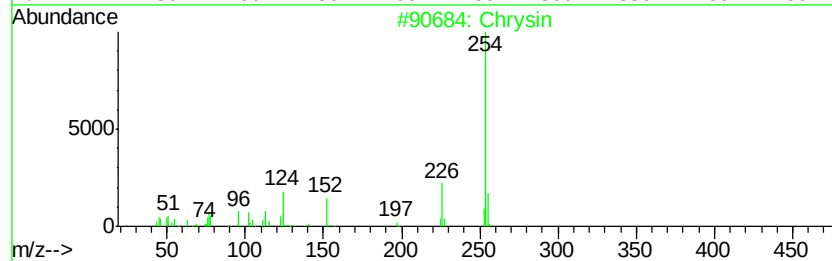
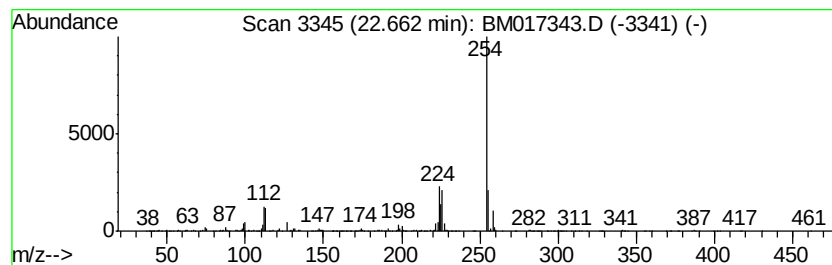
Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Chrysin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.66	3.02 ng/ul	972906	Perylene-d12	23.46		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Chrysin	254	C15H10O4	000480-40-0	58
2		2,6-Di(2-furylmethylidene)cyclohexan-1-one	254	C16H14O3	000893-00-5	53
3		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	50
4		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	50
5		5,8-Dimethoxy-1,4-dihydro-2,3-quinoxaline	254	C10H10N2O2S2	001790-96-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017343.D
Acq On : 25 Oct 2018 14:35
Operator : MJ/SJ
Sample : J5598-07DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD4DL

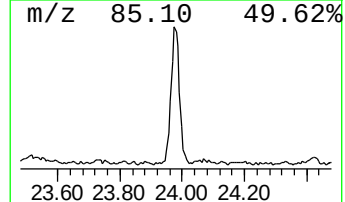
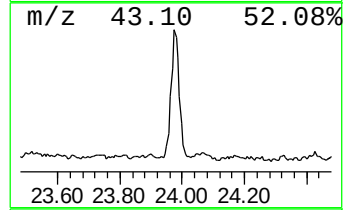
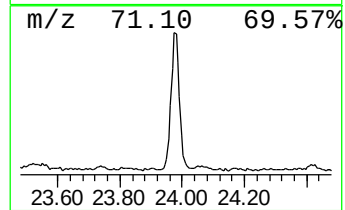
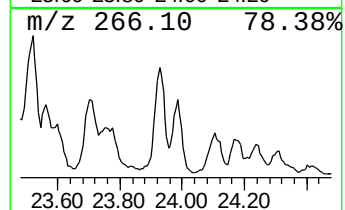
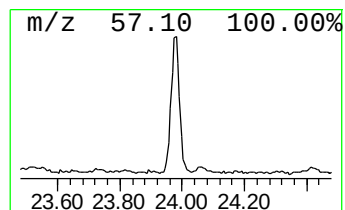
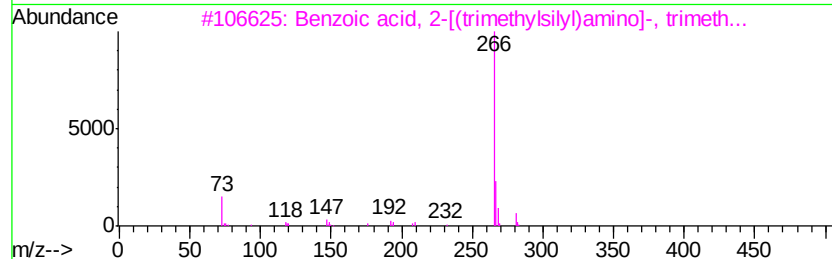
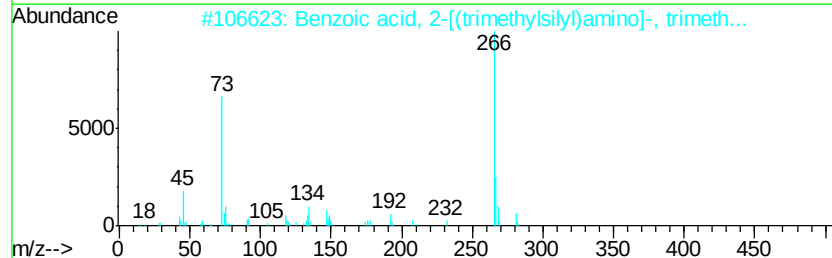
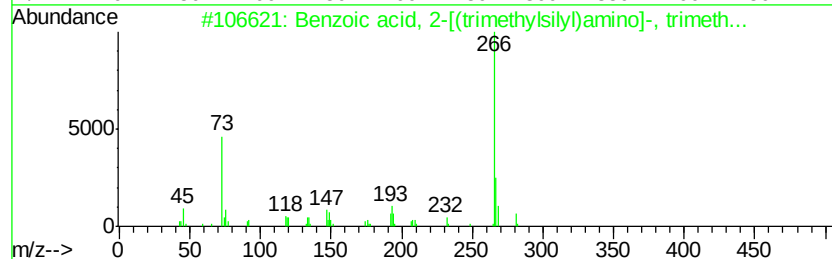
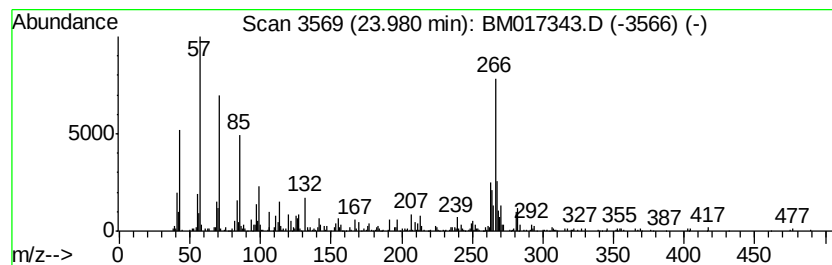
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	2.90 ng/ul	935240	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2-[(trimethylsilyl)amino]-, trimeth...	281	C13H23N02Si2	018406-07-0	38
2		Benzoic acid, 2-[(trimethylsilyl)amino]-, trimeth...	281	C13H23N02Si2	018406-07-0	38
3		Benzoic acid, 2-[(trimethylsilyl)amino]-, trimeth...	281	C13H23N02Si2	018406-07-0	38
4		Benzoic acid, 2-[(trimethylsilyl)amino]-, trimeth...	281	C13H23N02Si2	018406-07-0	32
5		9,10-Anthracenedione, 1,4-bis(amino)-	266	C16H14N2O2	077862-13-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017343.D
Acq On : 25 Oct 2018 14:35
Operator : MJ/SJ
Sample : J5598-07DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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
Cyclopenta(def)ph...	18.99	2.7	ng/ul	620662	4	17.04	4661190	20.0
9-(Cyanomethylene...	19.72	2.1	ng/ul	1244550	5	21.24	11820600	20.0
Cyclopenta[cd]pyrene	20.96	2.8	ng/ul	1647460	5	21.24	11820600	20.0
Azacyclotridecan...	22.54	4.9	ng/ul	1566440	6	23.46	6443290	20.0
Chrysin	22.66	3.0	ng/ul	972906	6	23.46	6443290	20.0
unknown-01	23.98	2.9	ng/ul	935240	6	23.46	6443290	20.0