

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005596.D
 Acq On : 22 May 2016 20:51
 Operator : UM/SJ
 Sample : H3087-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGK7

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.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	2.634	4	8	20	rVB	20894	39259	2.05%	0.189%
2	6.981	739	747	755	rBB	158214	262459	13.73%	1.266%
3	7.145	769	775	782	rBB	117262	182050	9.52%	0.878%
4	7.345	803	809	816	rBB	157146	249692	13.06%	1.205%
5	7.810	882	888	895	rBB	179707	279845	14.64%	1.350%
6	8.510	999	1007	1015	rBB	183300	299305	15.65%	1.444%
7	8.628	1022	1027	1032	rBB2	12730	19131	1.00%	0.092%
8	8.963	1077	1084	1091	rBB	159563	260948	13.65%	1.259%
9	9.686	1200	1207	1213	rBB	137060	225678	11.80%	1.089%
10	10.222	1291	1298	1305	rBB	225416	361758	18.92%	1.745%
11	10.598	1355	1362	1371	rBB	274497	463067	24.22%	2.234%
12	10.733	1379	1385	1394	rBV	186895	321726	16.83%	1.552%
13	13.851	1909	1915	1920	rBV	442815	609938	31.90%	2.942%
14	13.898	1920	1923	1932	rVB	76893	98539	5.15%	0.475%
15	14.133	1957	1963	1974	rBV	453983	717194	37.51%	3.460%
16	14.339	1993	1998	2003	rBB	15480	21524	1.13%	0.104%
17	14.445	2009	2016	2023	rBV2	450147	686336	35.90%	3.311%
18	14.639	2044	2049	2059	rBV	203294	298535	15.61%	1.440%
19	15.292	2156	2160	2165	rVB2	27361	34415	1.80%	0.166%
20	15.433	2178	2184	2190	rBV	663415	937350	49.03%	4.522%
21	15.551	2199	2204	2210	rBV	161014	223616	11.70%	1.079%
22	16.157	2301	2307	2318	rBV2	29721	61210	3.20%	0.295%
23	16.839	2419	2423	2428	rBV	15820	21913	1.15%	0.106%
24	17.004	2447	2451	2457	rVB2	14871	21133	1.11%	0.102%
25	17.186	2476	2482	2486	rBV	644105	952117	49.80%	4.593%
26	17.227	2486	2489	2493	rVV	276042	359406	18.80%	1.734%
27	17.280	2493	2498	2509	rVB2	748562	1111941	58.16%	5.364%
28	17.586	2541	2550	2554	rBV2	27850	57508	3.01%	0.277%
29	18.056	2625	2630	2633	rBV	24114	35098	1.84%	0.169%
30	18.103	2634	2638	2643	rVB	37432	52128	2.73%	0.251%
31	18.250	2658	2663	2668	rBV3	50237	72183	3.78%	0.348%
32	18.556	2709	2715	2718	rBV	39460	60760	3.18%	0.293%
33	18.598	2718	2722	2728	rVB	205673	285777	14.95%	1.379%
34	18.974	2782	2786	2789	rBV2	20165	24556	1.28%	0.118%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005596.D
Acq On : 22 May 2016 20:51
Operator : UM/SJ
Sample : H3087-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGK7

Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0
Filtering: 5
Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Title : SVOA CALIBRATION

35	19.109	2804	2809	2816	rVB2	64571	122232	6.39%	0.590%
36	19.239	2826	2831	2837	rVB	886565	1171054	61.25%	5.649%
37	19.303	2839	2842	2845	rBV5	18317	21671	1.13%	0.105%
38	19.380	2851	2855	2861	rBV2	53776	75509	3.95%	0.364%
39	19.450	2861	2867	2868	rBV4	24255	46020	2.41%	0.222%
40	19.574	2882	2888	2891	rBV	1102953	1676784	87.70%	8.089%
41	19.597	2891	2892	2898	rVV	527974	574592	30.05%	2.772%
42	19.668	2902	2904	2909	rVB2	23662	31938	1.67%	0.154%
43	19.721	2910	2913	2916	rBV4	24530	25601	1.34%	0.124%
44	19.774	2918	2922	2926	rVV	45877	78980	4.13%	0.381%
45	19.827	2927	2931	2938	rVB2	67685	121027	6.33%	0.584%
46	19.927	2943	2948	2954	rBV4	28595	71028	3.71%	0.343%
47	20.092	2972	2976	2980	rVB	95763	133694	6.99%	0.645%
48	20.139	2981	2984	2987	rBV2	37095	41568	2.17%	0.201%
49	20.197	2990	2994	2997	rVB	35856	45155	2.36%	0.218%
50	20.839	3100	3103	3110	rVB	77994	103001	5.39%	0.497%
51	21.003	3126	3131	3135	rBV2	70493	136773	7.15%	0.660%
52	21.044	3135	3138	3139	rVV	58128	64251	3.36%	0.310%
53	21.068	3140	3142	3150	rVV3	132942	257232	13.45%	1.241%
54	21.133	3151	3153	3158	rVB	81015	102183	5.34%	0.493%
55	21.274	3174	3177	3181	rVB	160749	178043	9.31%	0.859%
56	21.362	3185	3192	3196	rVV	1143931	1796327	93.95%	8.666%
57	21.397	3196	3198	3206	rVB	264816	293716	15.36%	1.417%
58	22.550	3391	3394	3402	rVB	127883	198864	10.40%	0.959%
59	22.944	3457	3461	3467	rBV	142005	277865	14.53%	1.340%
60	23.491	3548	3554	3569	rVB2	864947	1911960	100.00%	9.223%
61	23.638	3572	3579	3586	rVB	741639	1464306	76.59%	7.064%

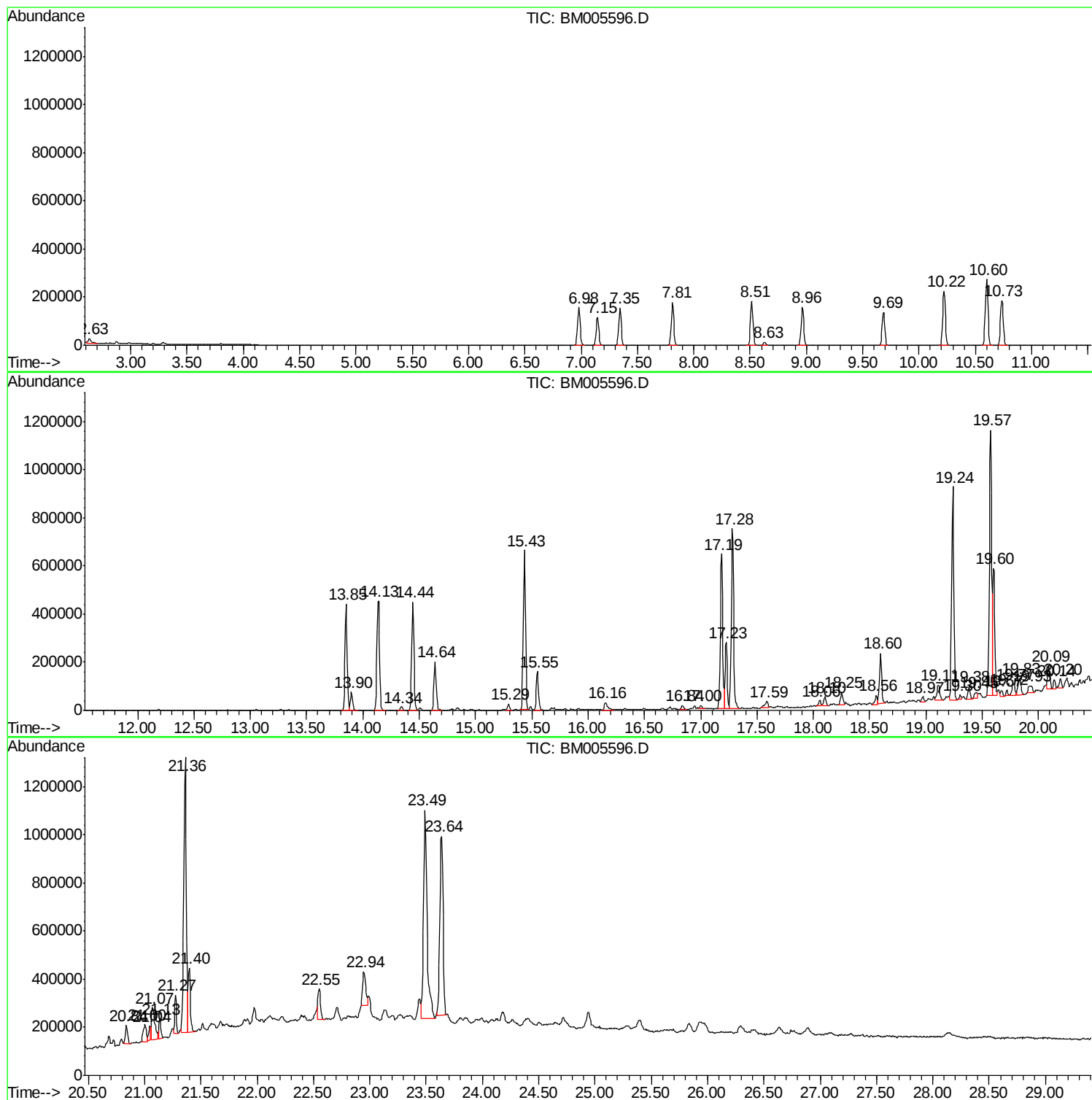
Sum of corrected areas: 20729469

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005596.D
Acq On : 22 May 2016 20:51
Operator : UM/SJ
Sample : H3087-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGK7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005596.D
Acq On : 22 May 2016 20:51
Operator : UM/SJ
Sample : H3087-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGK7

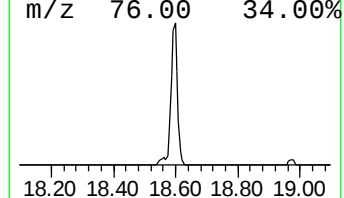
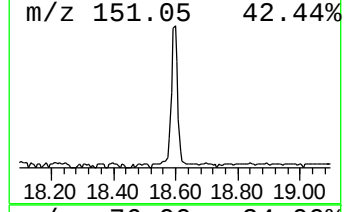
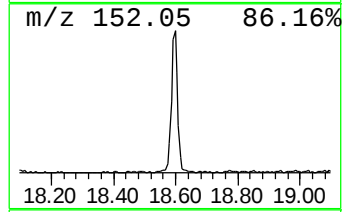
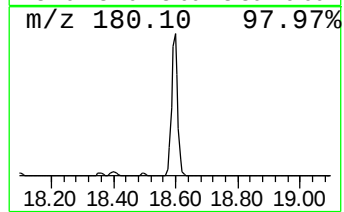
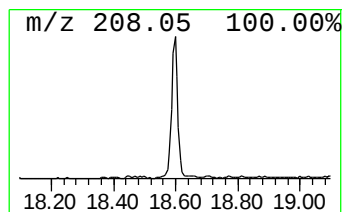
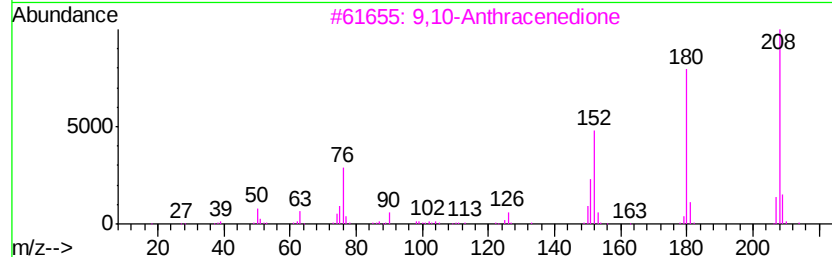
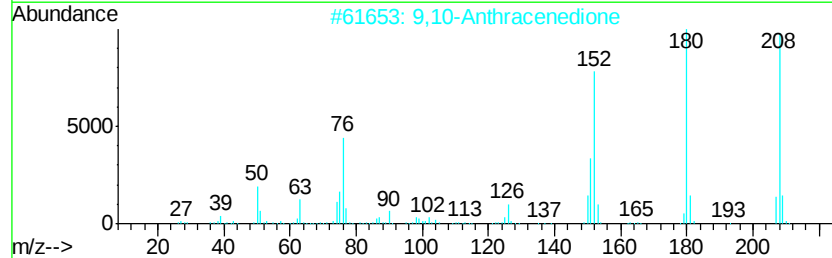
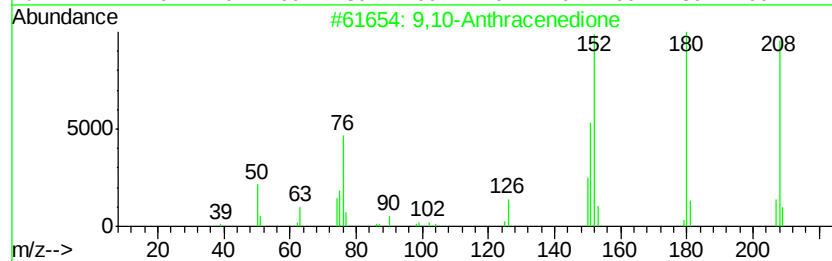
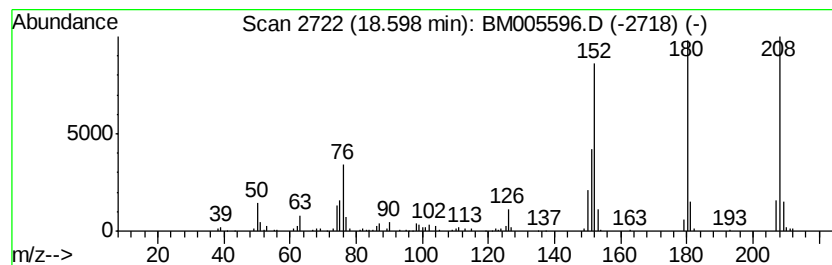
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	6.00 ng/ul	285777	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005596.D
Acq On : 22 May 2016 20:51
Operator : UM/SJ
Sample : H3087-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGK7

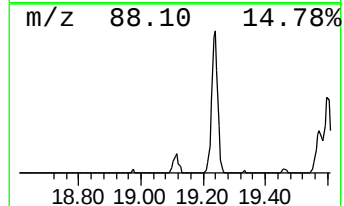
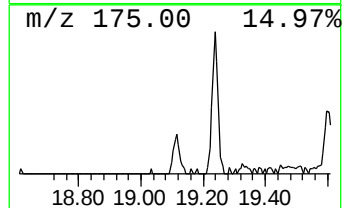
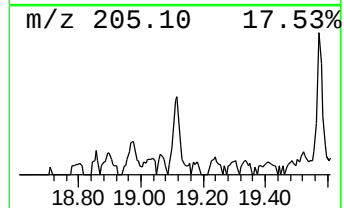
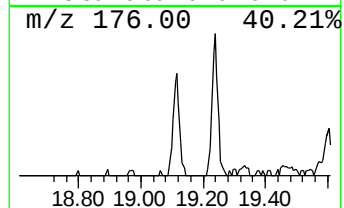
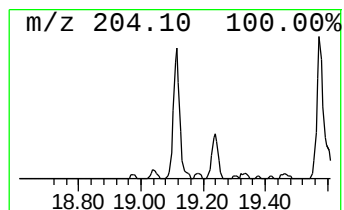
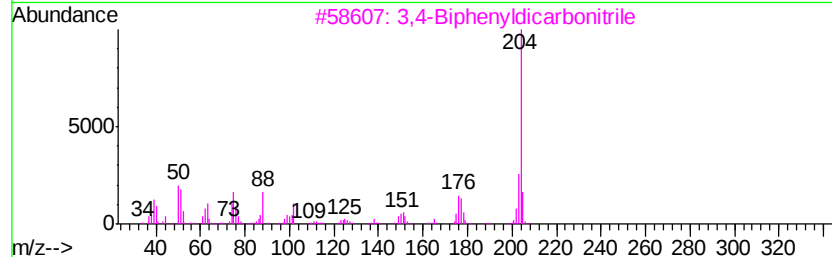
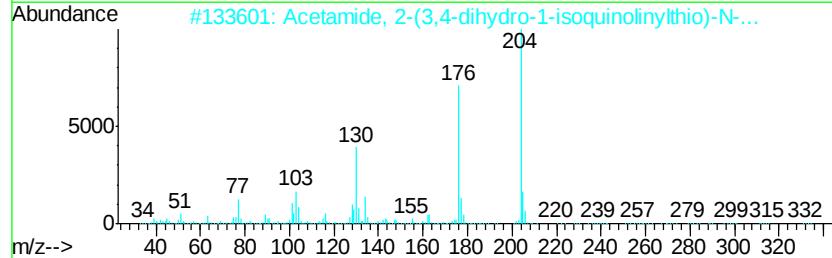
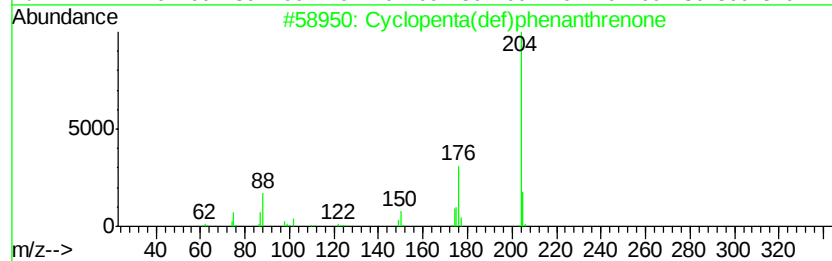
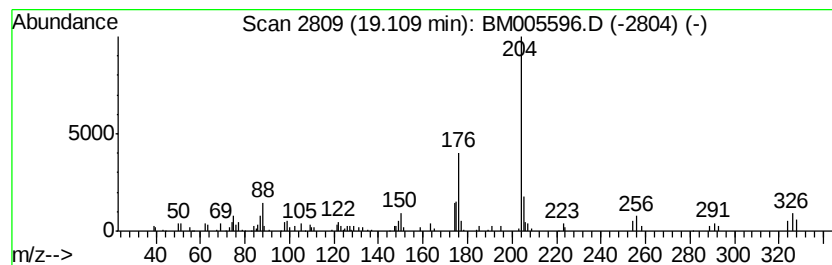
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	2.57 ng/ul	122232	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2		Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	50
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13N03	1000147-59-7	45
5		Propanedinitrile, 2,2'-(2,5-cycl...	204	C12H4N4	001518-16-7	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005596.D
Acq On : 22 May 2016 20:51
Operator : UM/SJ
Sample : H3087-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGK7

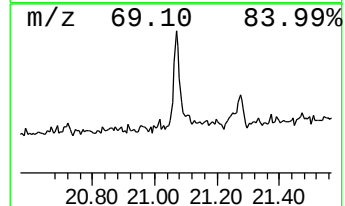
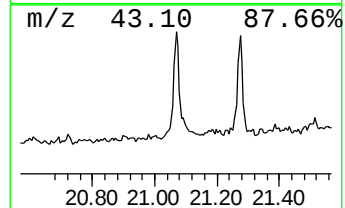
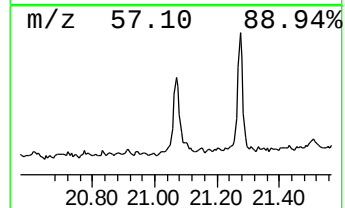
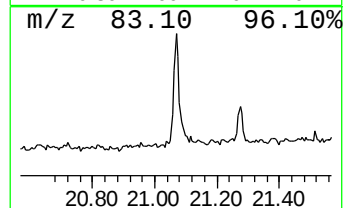
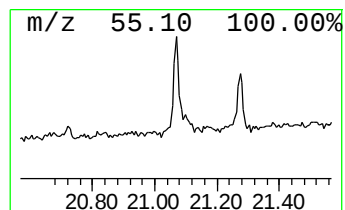
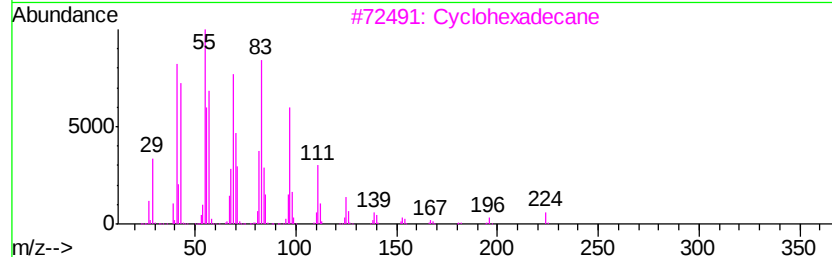
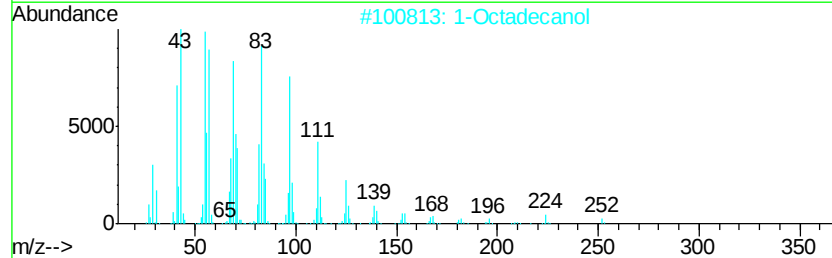
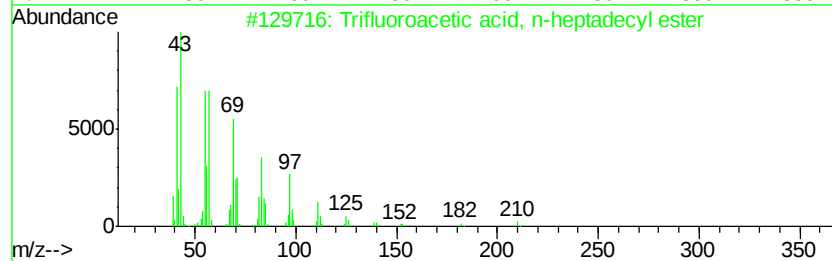
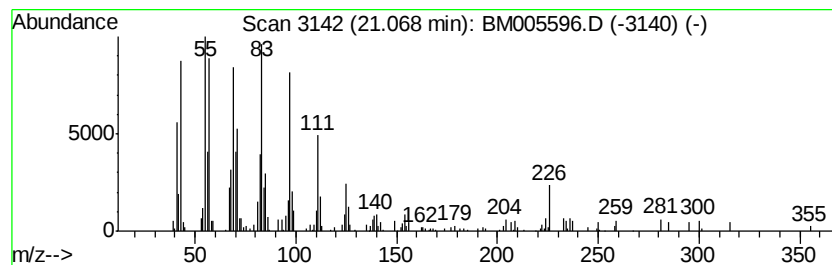
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Trifluoroacetic acid, n-hep... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.86 ng/ul	257232	Chrysene-d12	21.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90
2		1-Octadecanol	270	C18H38O	000112-92-5	87
3		Cyclohexadecane	224	C16H32	000295-65-8	86
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	83
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005596.D
Acq On : 22 May 2016 20:51
Operator : UM/SJ
Sample : H3087-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

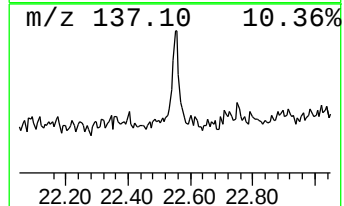
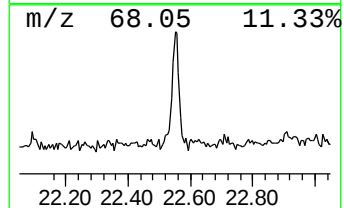
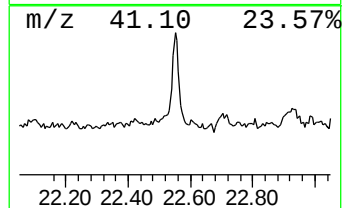
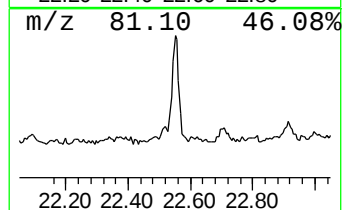
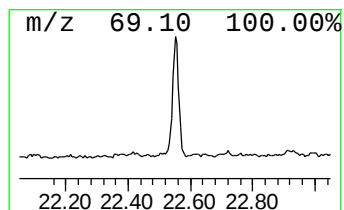
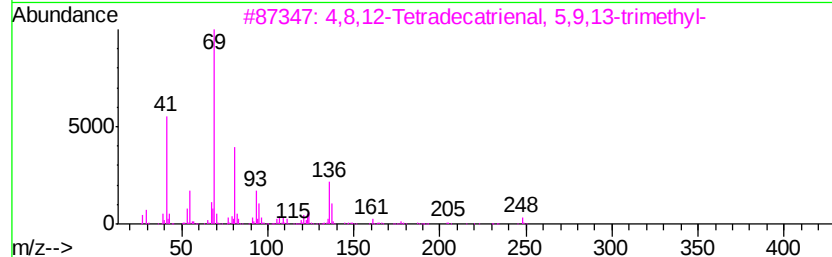
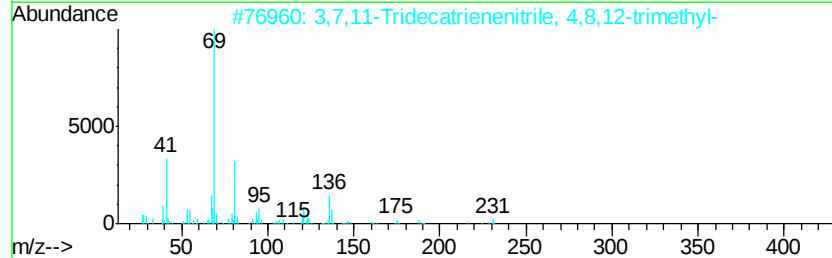
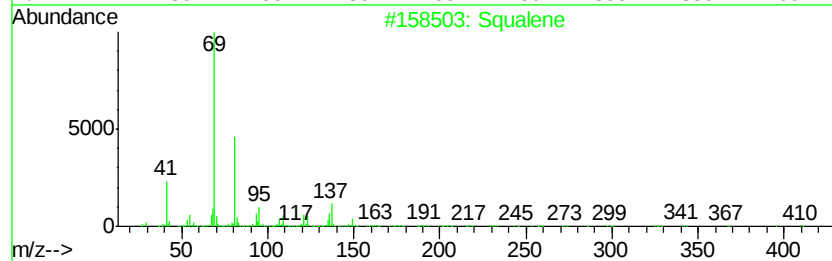
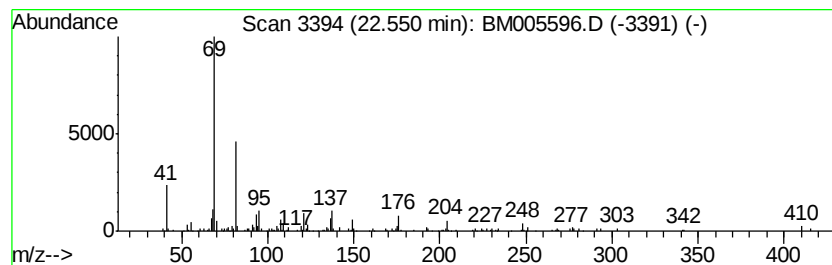
Instrument :
BNA_M
ClientSampleId :
JHGK7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.72 ng/ul	198864	Perylene-d12	23.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	90
2	3,7,11-Tridecatrienitrile, 4,8...	231 C16H25N	006006-01-5	72
3	4,8,12-Tetradecatrienal, 5,9,13-...	248 C17H28O	066408-55-7	72
4	1,5,9-Undecatriene, 2,6,10-trime...	192 C14H24	062951-96-6	64
5	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005596.D
Acq On : 22 May 2016 20:51
Operator : UM/SJ
Sample : H3087-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGK7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.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
9,10-Anthracenedione	18.60	6.0	ng/ul	285777	4	17.19	952117	20.0
Cyclopenta(def)ph...	19.11	2.6	ng/ul	122232	4	17.19	952117	20.0
Trifluoroacetic a...	21.07	2.9	ng/ul	257232	5	21.36	1796330	20.0
Squalene	22.55	2.7	ng/ul	198864	6	23.64	1464310	20.0