

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
 Data File : BM008389.D
 Acq On : 17 Dec 2016 00:39
 Operator : UM/SJ
 Sample : H5937-13DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8G5DL

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-2016\SOM02.2-EPA-BM121416.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	7.222	783	788	799	rBV3	22104	43033	1.38%	0.171%
2	7.663	857	863	878	rBV	358702	663191	21.32%	2.642%
3	8.863	1062	1067	1076	rBV2	14143	31560	1.01%	0.126%
4	10.439	1328	1335	1356	rBV	429530	880102	28.29%	3.506%
5	13.745	1891	1897	1902	rBV	50485	93839	3.02%	0.374%
6	13.786	1902	1904	1914	rVB2	19893	36235	1.16%	0.144%
7	14.004	1934	1941	1951	rBV	67087	118334	3.80%	0.471%
8	14.304	1985	1992	2001	rBV	709904	1135876	36.51%	4.525%
9	15.315	2158	2164	2172	rBV	90822	159463	5.13%	0.635%
10	17.057	2454	2460	2464	rBV	890264	1307672	42.03%	5.209%
11	17.104	2464	2468	2474	rVB	536153	793814	25.51%	3.162%
12	17.162	2474	2478	2483	rBV2	95093	154942	4.98%	0.617%
13	17.486	2527	2533	2541	rBV	81950	143218	4.60%	0.570%
14	17.939	2603	2610	2615	rBV2	42647	69194	2.22%	0.276%
15	17.992	2615	2619	2627	rVB2	59404	89152	2.87%	0.355%
16	18.133	2638	2643	2647	rBV2	67501	103894	3.34%	0.414%
17	18.174	2647	2650	2656	rVB	27219	36035	1.16%	0.144%
18	18.445	2691	2696	2701	rBV	47832	67884	2.18%	0.270%
19	18.504	2701	2706	2713	rBV	122513	197321	6.34%	0.786%
20	18.856	2762	2766	2771	rBV3	24981	43072	1.38%	0.172%
21	19.015	2788	2793	2800	rVB	62522	98858	3.18%	0.394%
22	19.121	2806	2811	2819	rBV	1738420	2370674	76.20%	9.443%
23	19.368	2846	2853	2857	rBV3	61428	103672	3.33%	0.413%
24	19.462	2863	2869	2870	rBV	394223	521869	16.77%	2.079%
25	19.486	2870	2873	2882	rVV	1383401	1961272	63.04%	7.813%
26	19.568	2883	2887	2894	rVB2	51618	73410	2.36%	0.292%
27	19.680	2902	2906	2911	rBV	60158	79680	2.56%	0.317%
28	19.821	2924	2930	2936	rBV3	54206	148851	4.78%	0.593%
29	19.968	2948	2955	2956	rVV5	49119	99658	3.20%	0.397%
30	19.986	2956	2958	2966	rVB	65862	95875	3.08%	0.382%
31	20.150	2980	2986	2989	rVV4	83589	144141	4.63%	0.574%
32	20.180	2989	2991	2996	rVB4	45095	60403	1.94%	0.241%
33	20.233	2996	3000	3003	rBV6	24583	36244	1.16%	0.144%
34	20.292	3006	3010	3013	rBV2	45697	62017	1.99%	0.247%

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008389.D
Acq On : 17 Dec 2016 00:39
Operator : UM/SJ
Sample : H5937-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8G5DL

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-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

35	20.339	3014	3018	3021	rVV	43967	54393	1.75%	0.217%
36	20.745	3083	3087	3094	rBV	176033	264459	8.50%	1.053%
37	20.903	3110	3114	3117	rBV	215736	268589	8.63%	1.070%
38	20.939	3117	3120	3124	rVV	117914	175089	5.63%	0.697%
39	20.980	3124	3127	3135	rVV3	117350	279036	8.97%	1.112%
40	21.050	3135	3139	3148	rVB	179331	265659	8.54%	1.058%
41	21.256	3166	3174	3177	rBV2	1725667	3111206	100.00%	12.393%
42	21.292	3177	3180	3190	rVB	856650	1203978	38.70%	4.796%
43	22.821	3434	3440	3445	rBV	855901	1952725	62.76%	7.778%
44	23.291	3515	3520	3525	rBV	484913	859580	27.63%	3.424%
45	23.386	3532	3536	3545	rVB	492866	931387	29.94%	3.710%
46	23.480	3547	3552	3558	rBV	977564	1777566	57.13%	7.081%
47	25.715	3927	3932	3942	rVB2	404067	1062813	34.16%	4.234%
48	26.403	4044	4049	4062	rVB2	301955	873199	28.07%	3.478%

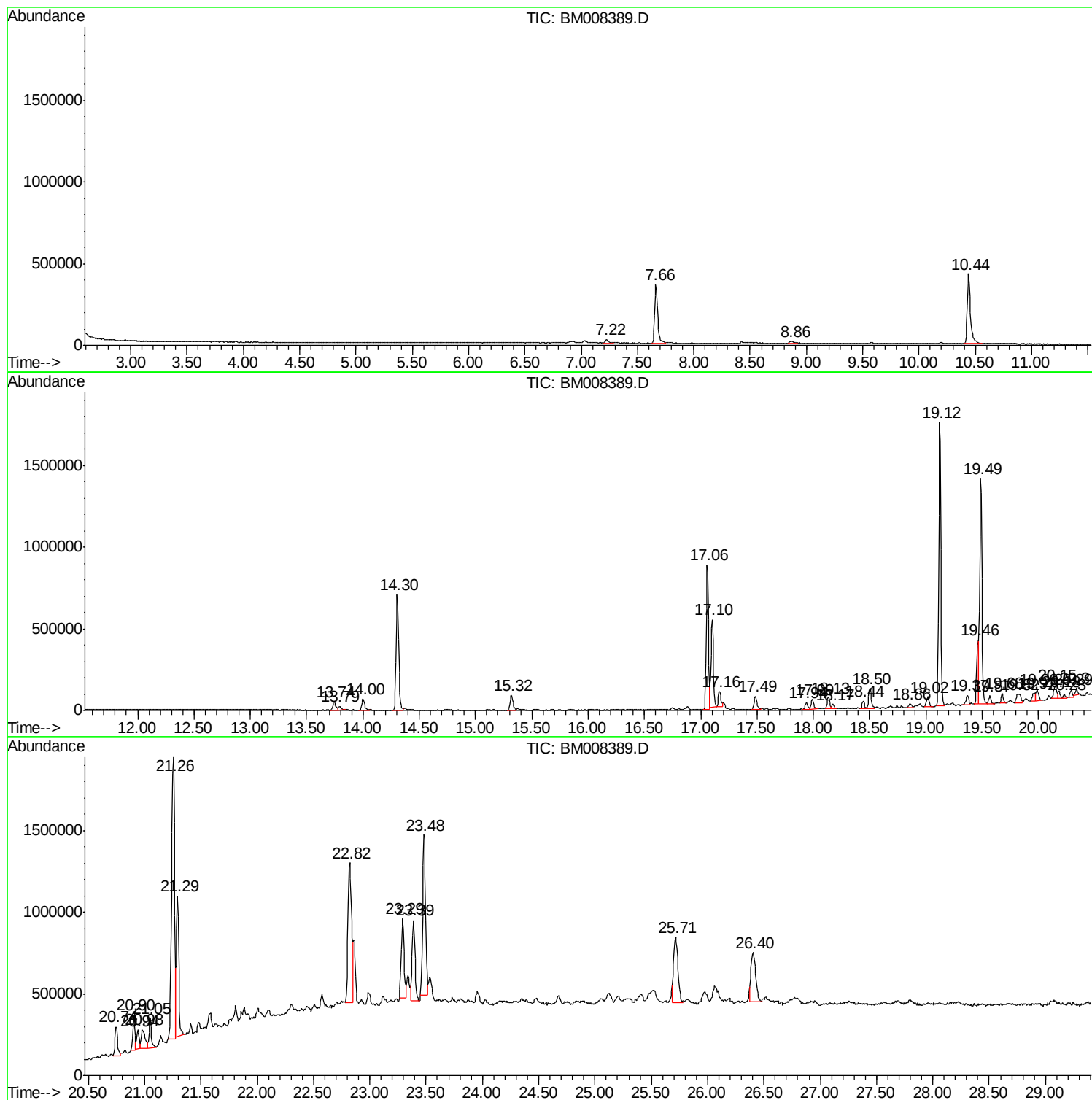
Sum of corrected areas: 25104134

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008389.D
Acq On : 17 Dec 2016 00:39
Operator : UM/SJ
Sample : H5937-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8G5DL

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008389.D
Acq On : 17 Dec 2016 00:39
Operator : UM/SJ
Sample : H5937-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8G5DL

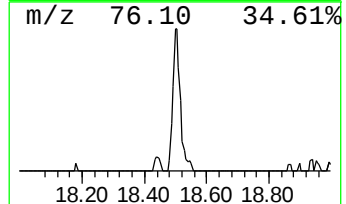
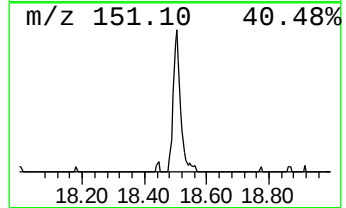
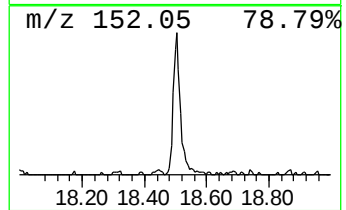
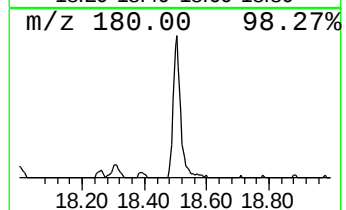
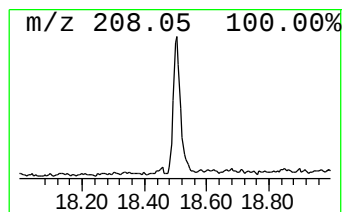
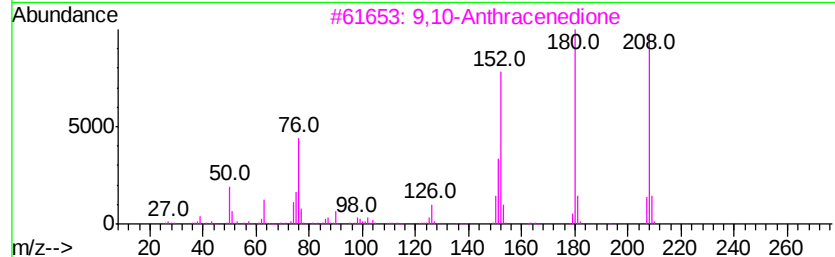
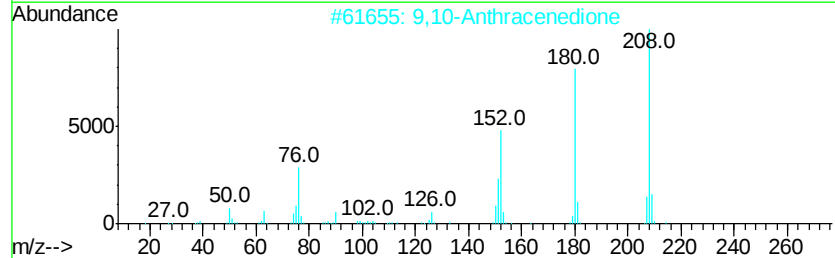
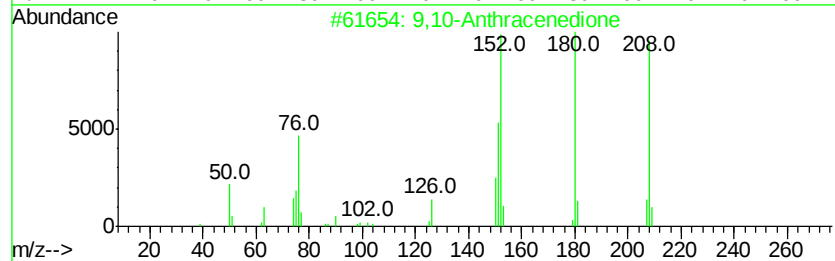
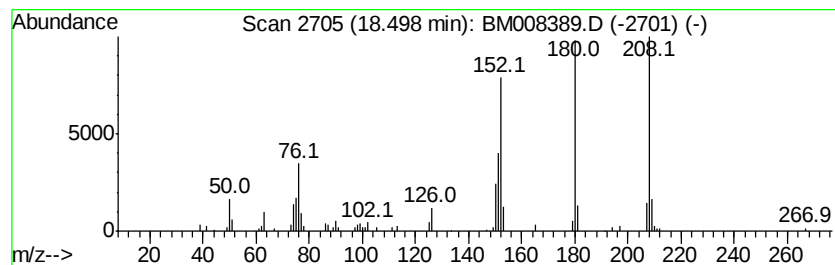
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	3.02 ng/ul	197321	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	86
5		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
Data File : BM008389.D
Acq On : 17 Dec 2016 00:39
Operator : UM/SJ
Sample : H5937-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8G5DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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	18.50	3.0	ng/ul	197321	4	17.06	1307670	20.0