

Data Path : V:\HPCHEM1\BNA M\DATA\BM070916\
 Data File : BM006358.D
 Acq On : 08 Jul 2016 19:54
 Operator : UM/SJ
 Sample : H3861-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ02

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-BM070216.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	2.828	36	41	53	rVB5	34332	86189	3.31%	0.261%
2	6.640	681	689	698	rBV4	12176	27080	1.04%	0.082%
3	6.816	712	719	731	rBV	447765	724962	27.86%	2.195%
4	6.975	740	746	758	rVB	317434	516237	19.84%	1.563%
5	7.175	773	780	789	rBV	425336	705702	27.12%	2.137%
6	7.639	849	859	868	rBV	712655	1188402	45.67%	3.598%
7	8.345	973	979	988	rBV	500837	837509	32.18%	2.536%
8	8.792	1048	1055	1071	rBV	439342	735586	28.27%	2.227%
9	9.510	1168	1177	1188	rBV	345678	601987	23.13%	1.823%
10	10.045	1257	1268	1283	rBV	505030	910792	35.00%	2.758%
11	10.422	1323	1332	1343	rBV	958851	1775062	68.21%	5.374%
12	10.563	1348	1356	1369	rBV	488021	929931	35.73%	2.816%
13	12.886	1745	1751	1758	rVB2	26769	42927	1.65%	0.130%
14	13.698	1883	1889	1894	rBV	897458	1389624	53.40%	4.207%
15	13.745	1894	1897	1907	rVB	641403	935827	35.96%	2.833%
16	13.980	1927	1937	1948	rBV	1033146	1656306	63.64%	5.015%
17	14.292	1983	1990	2002	rVB2	1404784	2318817	89.10%	7.021%
18	14.510	2019	2027	2042	rBV	247081	489804	18.82%	1.483%
19	15.286	2151	2159	2171	rBV	1369045	2103338	80.82%	6.368%
20	15.415	2175	2181	2192	rBV	204503	325124	12.49%	0.984%
21	15.557	2202	2205	2210	rVB2	30970	41703	1.60%	0.126%
22	16.033	2278	2286	2295	rBV3	79280	181174	6.96%	0.549%
23	16.133	2298	2303	2307	rBV2	21795	32925	1.27%	0.100%
24	16.192	2308	2313	2319	rVV4	38201	67584	2.60%	0.205%
25	16.245	2319	2322	2327	rVV4	23709	39743	1.53%	0.120%
26	16.451	2353	2357	2363	rVB8	20045	44314	1.70%	0.134%
27	16.521	2365	2369	2372	rBV2	22818	32304	1.24%	0.098%
28	16.586	2377	2380	2390	rVB7	23171	42332	1.63%	0.128%
29	16.804	2413	2417	2422	rBV2	47038	83796	3.22%	0.254%
30	16.857	2422	2426	2433	rVB3	46908	79058	3.04%	0.239%
31	17.039	2451	2457	2467	rBV	1759165	2602434	100.00%	7.880%
32	17.139	2467	2474	2484	rVB2	1359330	2078951	79.88%	6.295%
33	17.539	2539	2542	2547	rVB	30765	37326	1.43%	0.113%
34	19.327	2842	2846	2851	rVB3	21788	28163	1.08%	0.085%

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35	19.439	2859	2865	2872	rBV	1559239	2213579	85.06%	6.702%
36	20.962	3120	3124	3132	rVB10	41023	92319	3.55%	0.280%
37	21.150	3153	3156	3163	rBV	115239	138914	5.34%	0.421%
38	21.233	3165	3170	3181	rVB	1843954	2447653	94.05%	7.411%
39	23.162	3493	3498	3505	rVB2	153299	275497	10.59%	0.834%
40	23.303	3515	3522	3535	rVB	927050	1954528	75.10%	5.918%
41	23.444	3539	3546	3558	rVB	1116767	2212354	85.01%	6.698%

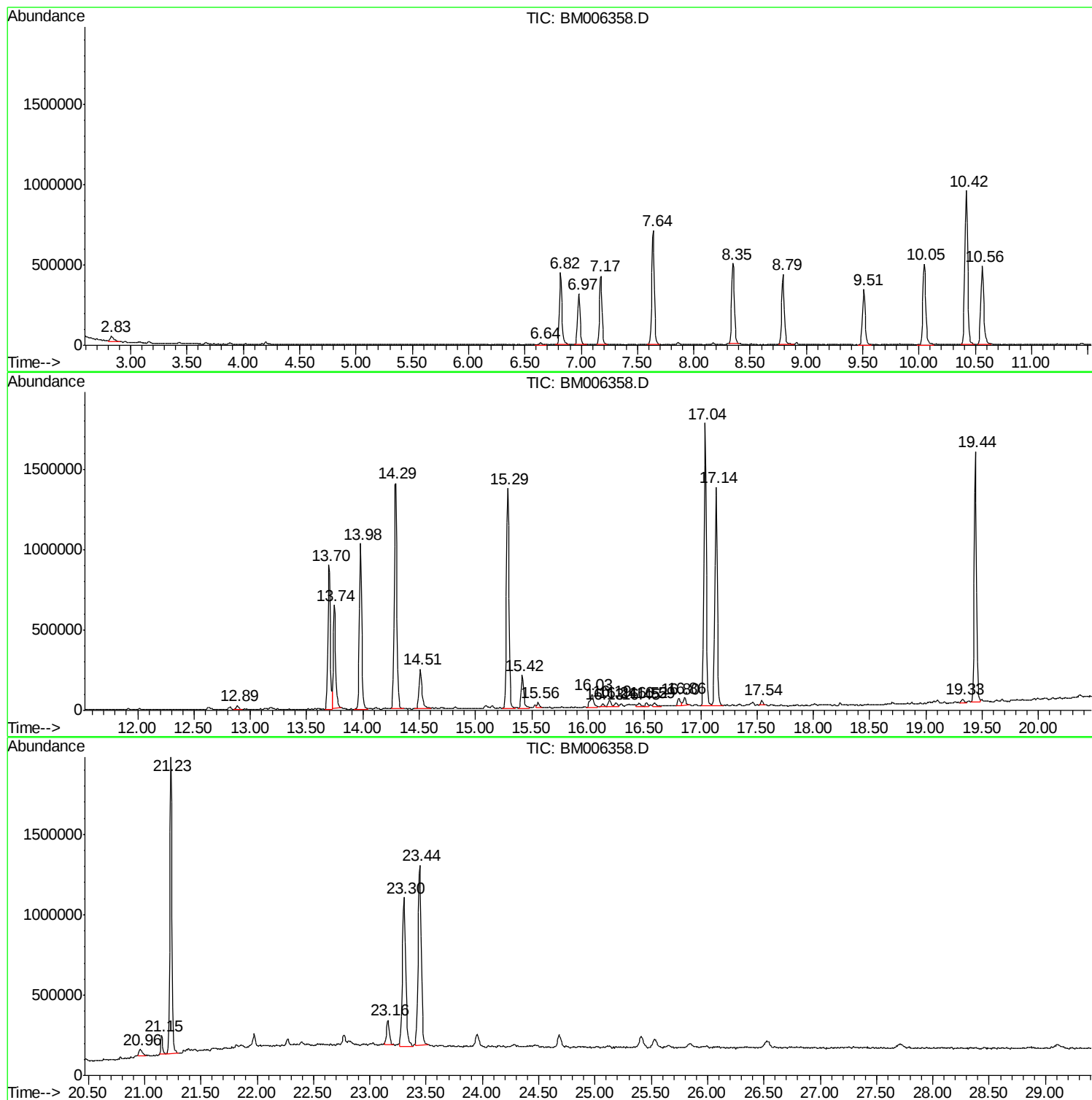
Sum of corrected areas: 33027857

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

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



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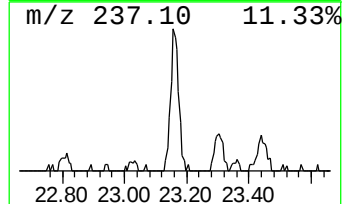
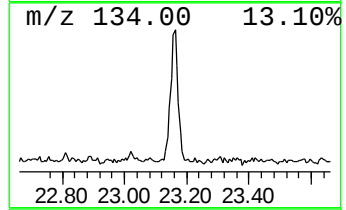
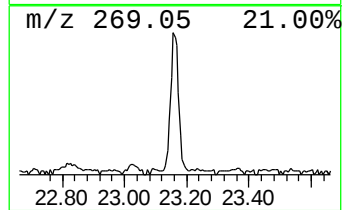
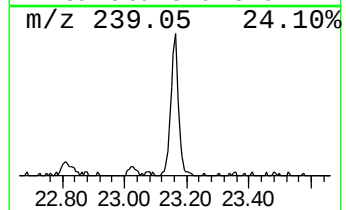
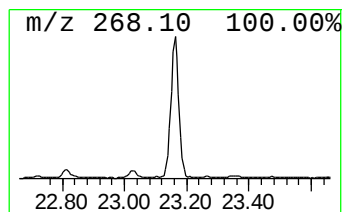
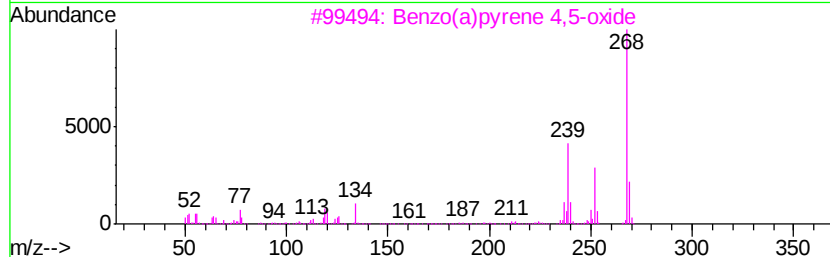
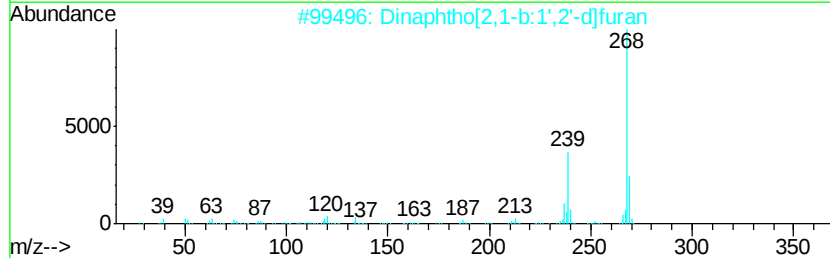
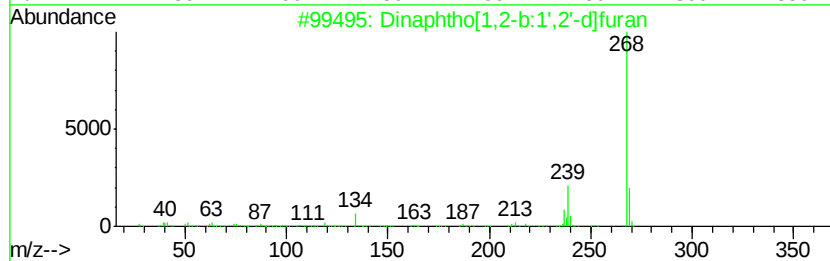
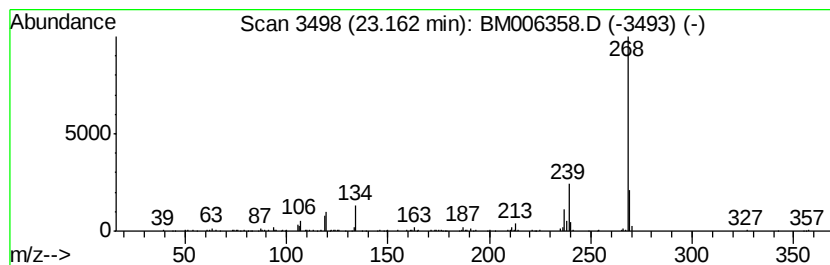
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Peak Number 1 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	2.49 ng/ul	275497	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	96
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	91
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
4		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	64
5		trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dinaphtho[1,2-b:1...	23.16	2.5	ng/ul	275497	6	23.44	2212350	20.0