

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003664.D
 Acq On : 20 Dec 2015 21:04
 Operator : UM/SJ
 Sample : G4867-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA7

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.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	5.216	358	362	366	rBB	1697	2215	0.22%	0.040%
2	6.875	639	644	649	rBB	5241	7625	0.76%	0.138%
3	7.034	666	671	677	rBB	25873	40395	4.04%	0.733%
4	7.228	699	704	711	rBB	27127	40529	4.06%	0.735%
5	7.698	779	784	789	rBB	23428	35228	3.53%	0.639%
6	8.228	870	874	879	rBB	6293	9385	0.94%	0.170%
7	8.410	900	905	910	rBB	24433	36175	3.62%	0.656%
8	8.851	975	980	987	rBB	37628	59835	5.99%	1.085%
9	9.575	1098	1103	1108	rBB	33329	48566	4.86%	0.881%
10	9.986	1171	1173	1176	rBB	1209	1203	0.12%	0.022%
11	10.110	1189	1194	1202	rBB	54139	83371	8.34%	1.512%
12	10.486	1252	1258	1263	rBV	47433	75787	7.58%	1.375%
13	10.533	1263	1266	1271	rVB	4639	6609	0.66%	0.120%
14	11.139	1365	1369	1373	rBB	1632	2568	0.26%	0.047%
15	12.375	1575	1579	1584	rBB	9352	14300	1.43%	0.259%
16	13.504	1769	1771	1773	rBV	1061	1394	0.14%	0.025%
17	13.663	1795	1798	1802	rBB	2495	3742	0.37%	0.068%
18	13.757	1809	1814	1821	rBB	157028	206136	20.63%	3.739%
19	13.904	1837	1839	1842	rBB	1217	1275	0.13%	0.023%
20	14.039	1856	1862	1871	rBB	160857	234923	23.51%	4.261%
21	14.351	1909	1915	1921	rBB	299056	402822	40.32%	7.306%
22	14.416	1922	1926	1929	rBB	6637	8660	0.87%	0.157%
23	14.563	1948	1951	1957	rBB	10888	15407	1.54%	0.279%
24	15.092	2037	2041	2045	rBB	9591	11531	1.15%	0.209%
25	15.174	2051	2055	2059	rVB	10451	11784	1.18%	0.214%
26	15.221	2060	2063	2066	rBB	1155	1310	0.13%	0.024%
27	15.345	2078	2084	2090	rBB	253258	351791	35.21%	6.380%
28	15.398	2090	2093	2100	rBB	4530	6384	0.64%	0.116%
29	15.468	2101	2105	2111	rBB	76596	96043	9.61%	1.742%
30	15.580	2122	2124	2127	rBB	1059	1019	0.10%	0.018%
31	15.810	2161	2163	2166	rBB	1497	1649	0.17%	0.030%
32	16.698	2311	2314	2316	rBB	1555	1546	0.15%	0.028%
33	16.915	2348	2351	2355	rBB	958	1191	0.12%	0.022%
34	16.957	2356	2358	2361	rBB	1208	1420	0.14%	0.026%

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35	17.098	2376	2382	2386	rBV	178522	244384	24.46%	4.432%
36	17.139	2386	2389	2393	rVV	23606	28384	2.84%	0.515%
37	17.192	2393	2398	2408	rVB2	325204	471951	47.23%	8.560%
38	17.768	2491	2496	2500	rBB	142998	162437	16.26%	2.946%
39	17.974	2527	2531	2534	rBB	3055	3601	0.36%	0.065%
40	18.021	2535	2539	2542	rBB	3387	3955	0.40%	0.072%
41	18.062	2543	2546	2549	rBB	1285	1336	0.13%	0.024%
42	18.092	2549	2551	2555	rBB2	3115	3439	0.34%	0.062%
43	18.168	2559	2564	2568	rBV2	4118	7310	0.73%	0.133%
44	18.204	2568	2570	2573	rVB	2008	2086	0.21%	0.038%
45	18.580	2631	2634	2637	rBB	3823	4122	0.41%	0.075%
46	18.892	2684	2687	2692	rBV2	992	1343	0.13%	0.024%
47	19.127	2724	2727	2730	rBV	2901	3825	0.38%	0.069%
48	19.162	2730	2733	2738	rVB	5379	6450	0.65%	0.117%
49	19.309	2754	2758	2763	rBV	1324	1781	0.18%	0.032%
50	19.386	2766	2771	2774	rBV	2714	3069	0.31%	0.056%
51	19.498	2784	2790	2800	rVB	523675	696222	69.68%	12.627%
52	19.733	2827	2830	2833	rBV	1024	1273	0.13%	0.023%
53	20.027	2877	2880	2883	rVB	1405	1732	0.17%	0.031%
54	20.127	2894	2897	2899	rVB2	1319	1626	0.16%	0.029%
55	20.186	2905	2907	2909	rBV	1493	1259	0.13%	0.023%
56	20.292	2921	2925	2927	rBV2	720	1003	0.10%	0.018%
57	20.368	2935	2938	2941	rVB	1458	1794	0.18%	0.033%
58	21.074	3054	3058	3062	rBV3	2214	3311	0.33%	0.060%
59	21.292	3090	3095	3101	rBV	387829	492768	49.32%	8.937%
60	22.797	3349	3351	3356	rVB3	5345	6858	0.69%	0.124%
61	23.397	3445	3453	3465	rVB	535544	999172	100.00%	18.121%
62	23.539	3470	3477	3485	rVB	286584	533456	53.39%	9.675%

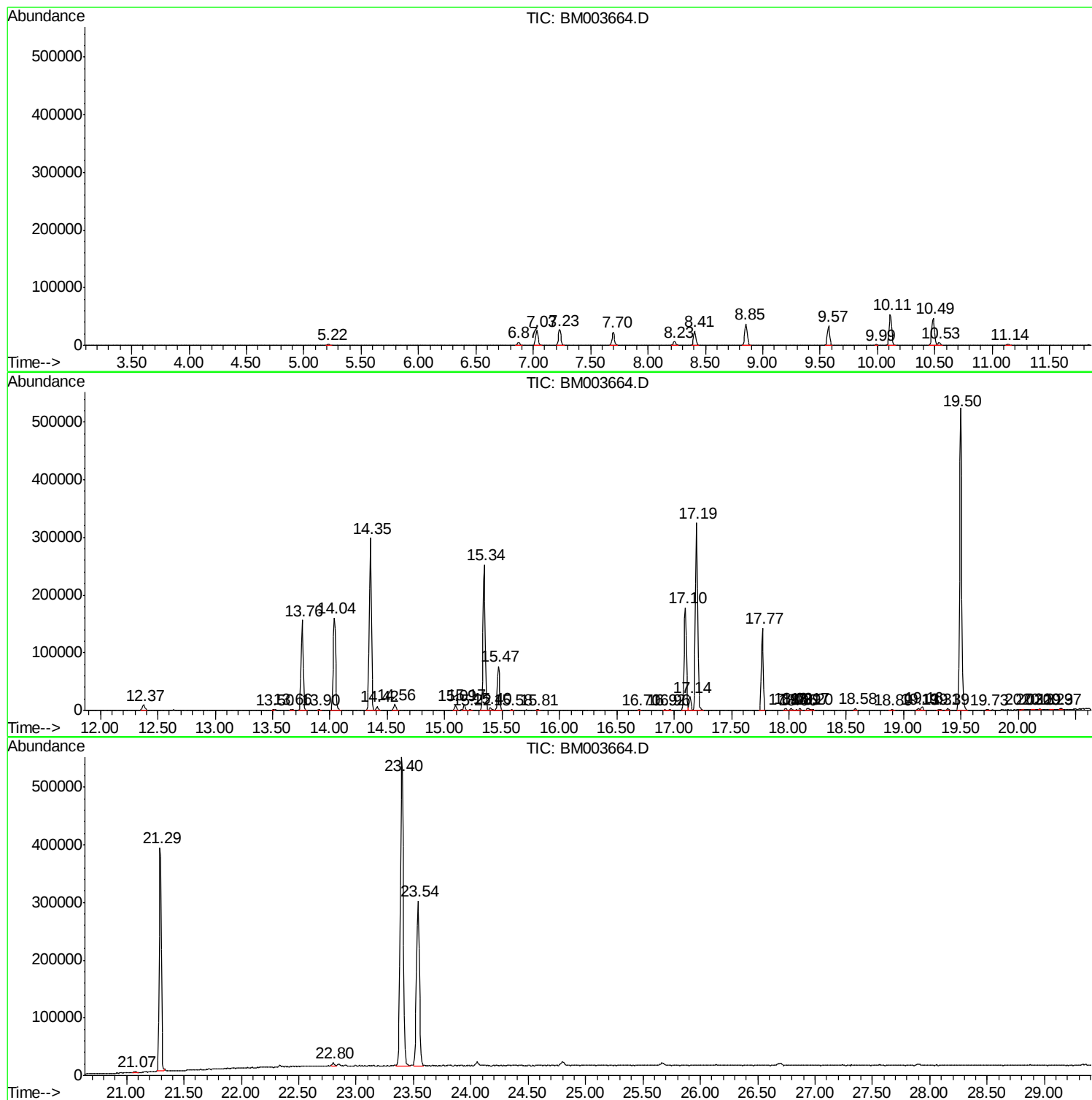
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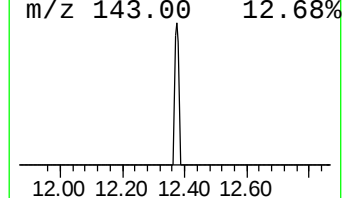
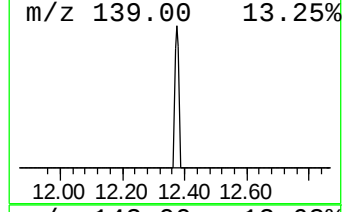
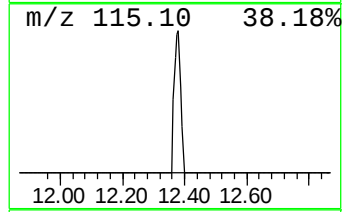
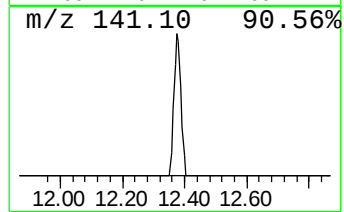
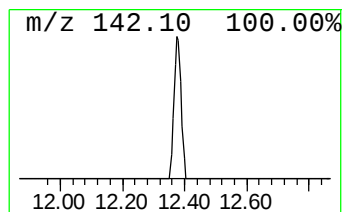
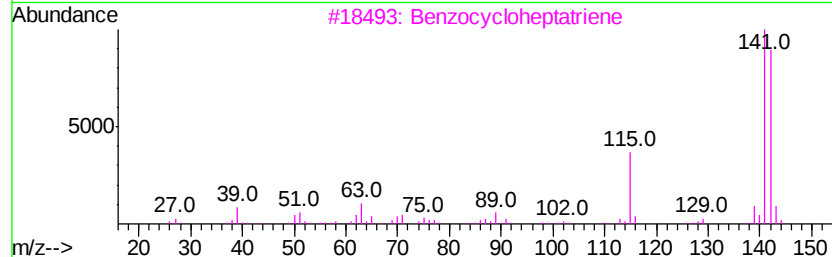
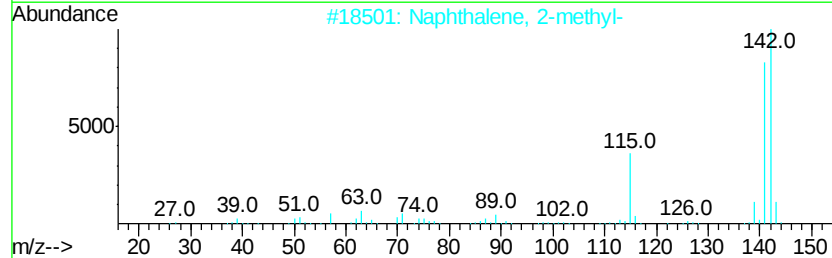
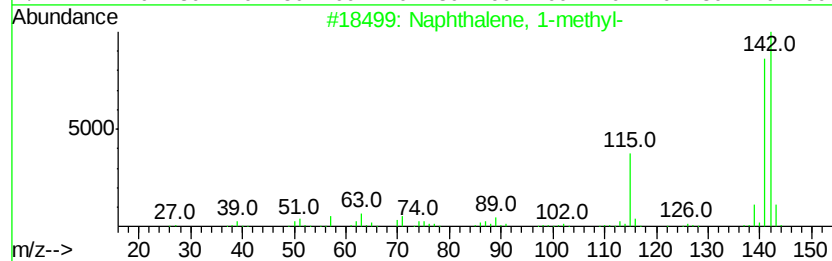
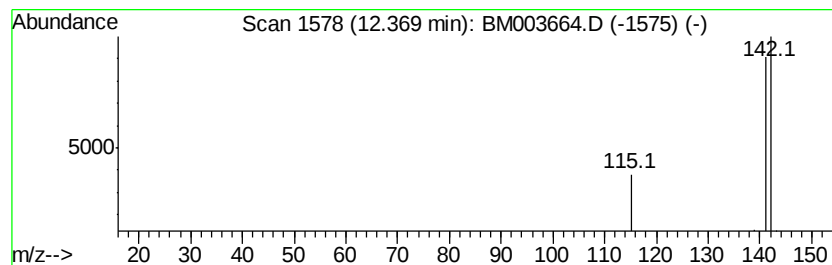
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.77 ng/ul	14300	Naphthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
3		Benzocycloheptatriene	142	C11H10	000264-09-5	83
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	83
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	83



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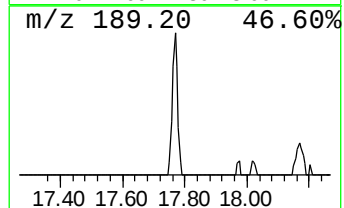
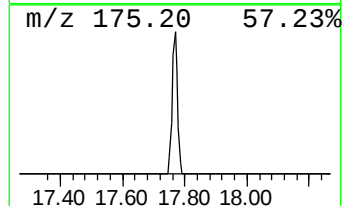
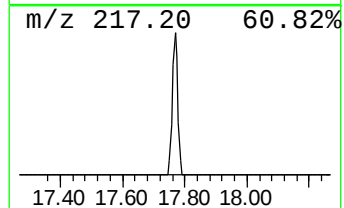
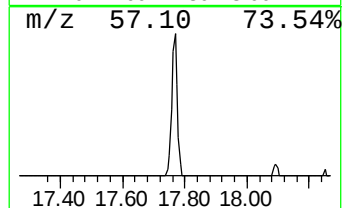
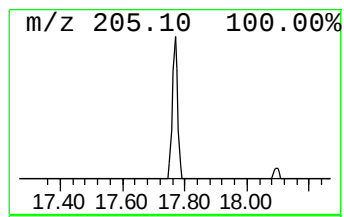
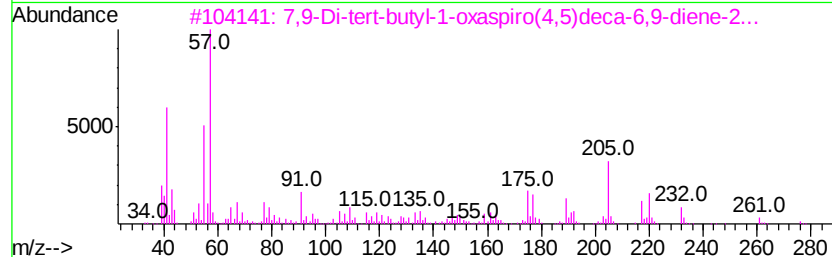
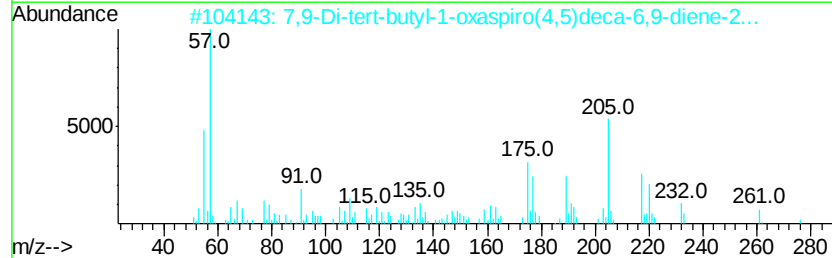
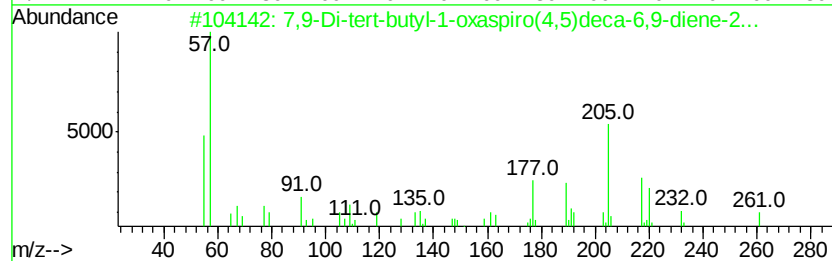
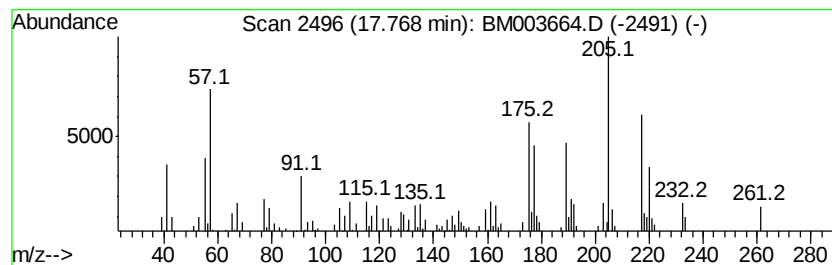
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Peak Number 3 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	13.29 ng/ul	162437	Phenanthrene-d10	17.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	90
2		7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	90
3		7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	74
4		Ethanone, 1-(5,6,7,8-tetrahydro-2H-chromeno[2,1-b]pyridin-2-yl)-	220	C14H20O2	071596-88-8	50
5		2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	12.37	3.8	ng/ul	14300	2	10.49	75787	20.0
7,9-Di-tert-butyl...	17.77	13.3	ng/ul	162437	4	17.10	244384	20.0