

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
 Data File : BM004242.D
 Acq On : 12 Feb 2016 23:38
 Operator : SJ/IZ
 Sample : H1414-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9QE0

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-BM021216.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	2.769	9	14	24	rVV	37397	62092	8.65%	0.791%
2	2.846	24	27	33	rVB	12791	14531	2.02%	0.185%
3	3.110	68	72	75	rVB	4562	4924	0.69%	0.063%
4	3.399	116	121	124	rVB	855	1210	0.17%	0.015%
5	5.699	509	512	515	rBB	1843	2272	0.32%	0.029%
6	6.822	698	703	714	rBB	95682	145882	20.32%	1.859%
7	6.981	725	730	737	rBB	81153	119282	16.62%	1.520%
8	7.181	758	764	771	rBV	101420	157470	21.94%	2.006%
9	7.245	771	775	782	rVB	4486	6690	0.93%	0.085%
10	7.645	837	843	849	rBB	97503	148430	20.68%	1.891%
11	8.357	959	964	974	rBB	140055	211347	29.45%	2.693%
12	8.804	1034	1040	1048	rBB	95101	152291	21.22%	1.940%
13	8.939	1060	1063	1068	rBB	1663	2743	0.38%	0.035%
14	9.210	1107	1109	1112	rBB	1112	1226	0.17%	0.016%
15	9.522	1156	1162	1169	rBB	86381	133016	18.53%	1.695%
16	10.063	1248	1254	1265	rBB	135715	218974	30.51%	2.790%
17	10.434	1310	1317	1324	rBB	147210	243200	33.88%	3.099%
18	10.575	1335	1341	1355	rBV	131717	216886	30.22%	2.763%
19	10.910	1395	1398	1401	rBB	798	1107	0.15%	0.014%
20	12.033	1586	1589	1592	rBB	1218	1695	0.24%	0.022%
21	13.122	1771	1774	1777	rBB	2597	2672	0.37%	0.034%
22	13.175	1781	1783	1784	rBV	834	727	0.10%	0.009%
23	13.198	1784	1787	1789	rVB	1746	1900	0.26%	0.024%
24	13.298	1799	1804	1809	rBB	42697	50298	7.01%	0.641%
25	13.716	1869	1875	1879	rBV	295230	394695	54.99%	5.029%
26	13.763	1879	1883	1889	rVB	121161	159240	22.19%	2.029%
27	13.827	1892	1894	1896	rBB	1116	908	0.13%	0.012%
28	13.992	1916	1922	1934	rBB	310041	466597	65.01%	5.945%
29	14.163	1949	1951	1953	rBB	1990	1814	0.25%	0.023%
30	14.204	1954	1958	1962	rBB	17146	20421	2.85%	0.260%
31	14.304	1969	1975	1982	rBB2	240487	355395	49.51%	4.528%
32	14.527	2008	2013	2029	rBB	98256	151757	21.14%	1.934%
33	14.651	2030	2034	2039	rBB2	2488	4538	0.63%	0.058%
34	14.704	2040	2043	2046	rBB	1960	2065	0.29%	0.026%

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35	14.763	2051	2053	2055	rBB	1499	1378	0.19%	0.018%
36	14.821	2060	2063	2067	rBB2	3610	4494	0.63%	0.057%
37	14.892	2072	2075	2078	rBB	1620	1814	0.25%	0.023%
38	15.104	2109	2111	2115	rBB	1574	2066	0.29%	0.026%
39	15.157	2116	2120	2125	rBB	24415	29499	4.11%	0.376%
40	15.221	2125	2131	2134	rBB	1328	1942	0.27%	0.025%
41	15.304	2139	2145	2152	rBB	430760	600130	83.61%	7.647%
42	15.439	2164	2168	2176	rBB	115986	147036	20.49%	1.873%
43	15.545	2182	2186	2188	rBV2	6940	9174	1.28%	0.117%
44	15.604	2194	2196	2199	rVB2	2082	1615	0.23%	0.021%
45	15.657	2203	2205	2206	rBV	2244	1914	0.27%	0.024%
46	15.692	2206	2211	2219	rVB	69232	92434	12.88%	1.178%
47	15.780	2222	2226	2229	rBB2	3002	3773	0.53%	0.048%
48	16.021	2263	2267	2279	rBV	24476	41195	5.74%	0.525%
49	16.368	2322	2326	2329	rBV	2602	3993	0.56%	0.051%
50	16.427	2333	2336	2339	rVB	1733	1850	0.26%	0.024%
51	16.480	2343	2345	2347	rBB	1663	1389	0.19%	0.018%
52	16.533	2351	2354	2356	rBB	1380	1359	0.19%	0.017%
53	16.598	2362	2365	2367	rBB	876	834	0.12%	0.011%
54	16.815	2398	2402	2406	rBV	13673	15839	2.21%	0.202%
55	16.868	2406	2411	2415	rVB2	3198	5161	0.72%	0.066%
56	17.057	2437	2443	2449	rBV2	299407	414542	57.75%	5.282%
57	17.157	2454	2460	2472	rVB	454537	632477	88.12%	8.059%
58	17.551	2525	2527	2530	rBB	4055	4008	0.56%	0.051%
59	17.957	2592	2596	2601	rBB	15214	17256	2.40%	0.220%
60	18.251	2644	2646	2650	rBB	867	1128	0.16%	0.014%
61	19.098	2786	2790	2794	rBV2	3429	4695	0.65%	0.060%
62	19.127	2794	2795	2798	rVB	2117	1459	0.20%	0.019%
63	19.245	2813	2815	2818	rVB	2069	1827	0.25%	0.023%
64	19.351	2830	2833	2837	rBV	13011	14129	1.97%	0.180%
65	19.462	2846	2852	2860	rBV	525326	717766	100.00%	9.145%
66	20.392	3008	3010	3014	rVB	1158	1247	0.17%	0.016%
67	20.503	3026	3029	3031	rBV2	1259	1151	0.16%	0.015%
68	20.598	3042	3045	3046	rBV2	654	731	0.10%	0.009%
69	20.621	3046	3049	3054	rVV2	1138	1503	0.21%	0.019%
70	20.968	3104	3108	3118	rBV	106471	156030	21.74%	1.988%
71	21.039	3118	3120	3124	rVV2	4259	5208	0.73%	0.066%

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72	21.086	3127	3128	3131	rBV2	568	739	0.10%	0.009%
73	21.180	3142	3144	3147	rVB3	818	727	0.10%	0.009%
74	21.268	3153	3159	3168	rBV	348286	427631	59.58%	5.449%
75	21.421	3181	3185	3190	rVV5	1271	1827	0.25%	0.023%
76	21.521	3199	3202	3205	rBV2	982	1396	0.19%	0.018%
77	21.845	3254	3257	3258	rBV	2382	2457	0.34%	0.031%
78	21.862	3258	3260	3268	rVB6	4061	6564	0.91%	0.084%
79	22.297	3332	3334	3337	rBV3	4018	4566	0.64%	0.058%
80	22.427	3353	3356	3361	rVB	4187	5369	0.75%	0.068%
81	22.762	3410	3413	3416	rBV2	2851	3873	0.54%	0.049%
82	22.797	3416	3419	3423	rVB2	6896	9038	1.26%	0.115%
83	23.356	3506	3514	3523	rBV	319387	566367	78.91%	7.216%
84	23.497	3530	3538	3545	rBV	192927	350848	48.88%	4.470%
85	23.991	3617	3622	3628	rBV2	10267	17579	2.45%	0.224%
86	24.086	3633	3638	3645	rVB4	7339	16749	2.33%	0.213%
87	24.727	3742	3747	3753	rBV4	7529	15554	2.17%	0.198%
88	25.580	3889	3892	3902	rVB2	7130	14720	2.05%	0.188%

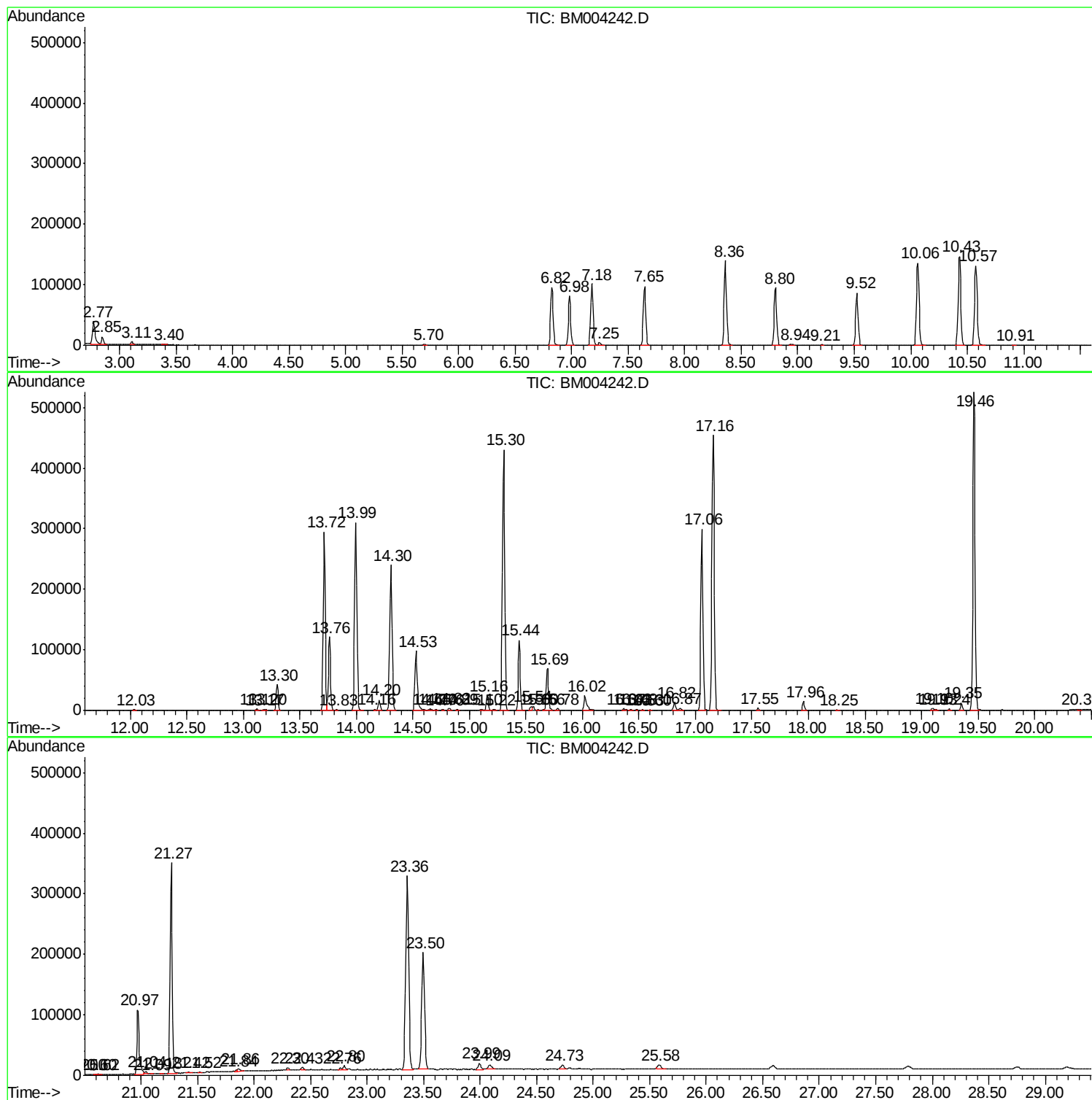
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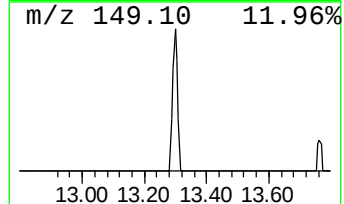
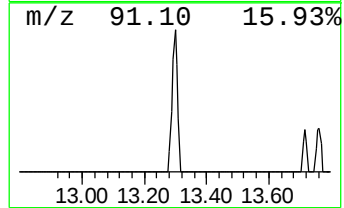
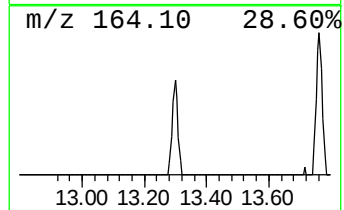
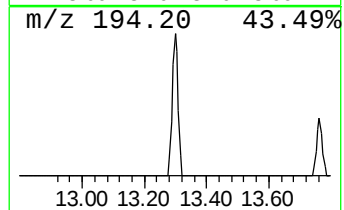
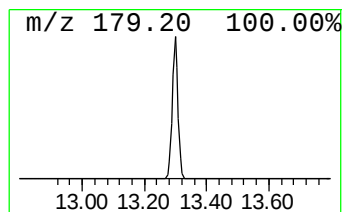
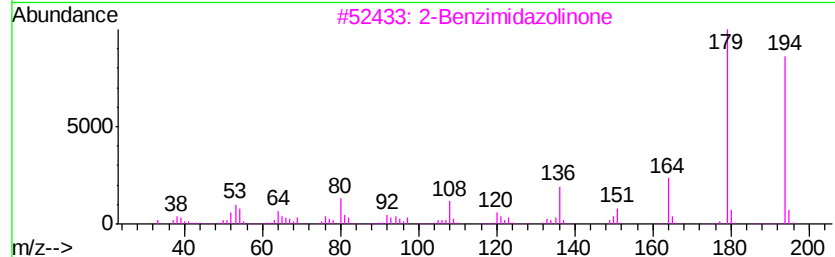
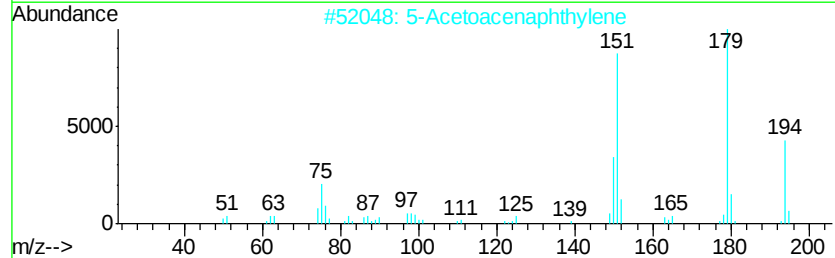
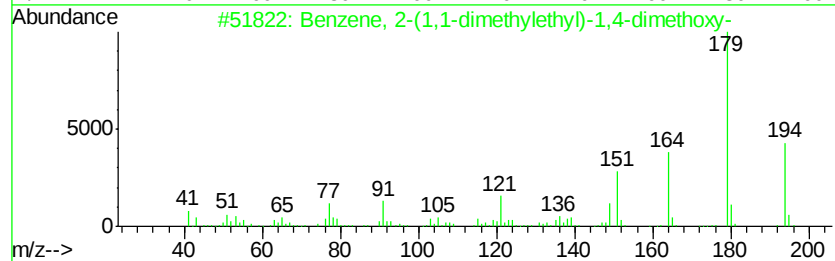
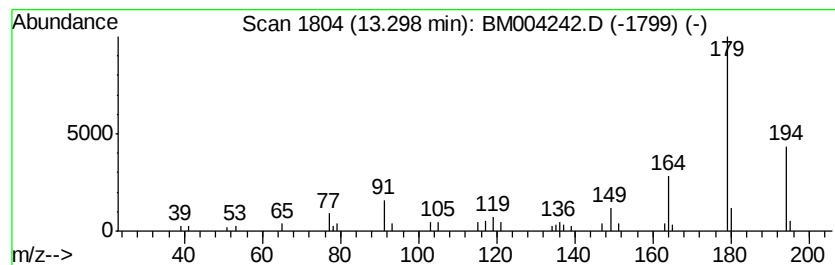
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 2-(1,1-dimethyleth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.83 ng/ul	50298	Acenaphthene-d10	14.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-(1,1-dimethylethyl)-1...	194	C12H18O2	021112-37-8	83
2		5-Acetoacenaphthylene	194	C14H10O	068399-52-0	64
3		2-Benzimidazolinone	194	C9H10N2O3	025808-72-4	64
4		Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	64
5		1H-Pyrazole, 3,5-bis(1,1-dimethy...	194	C12H22N2	018712-47-5	64



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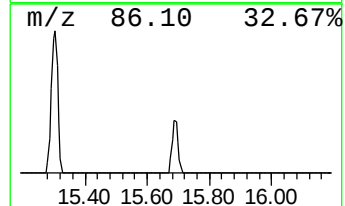
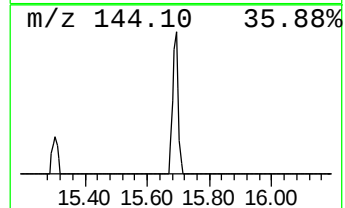
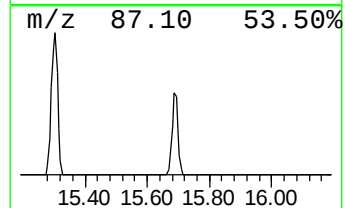
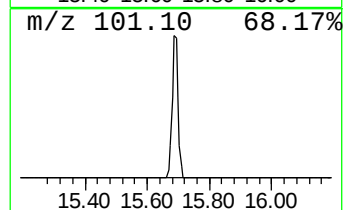
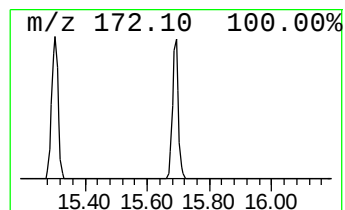
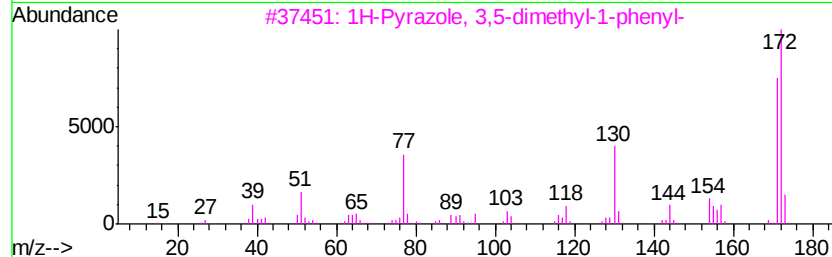
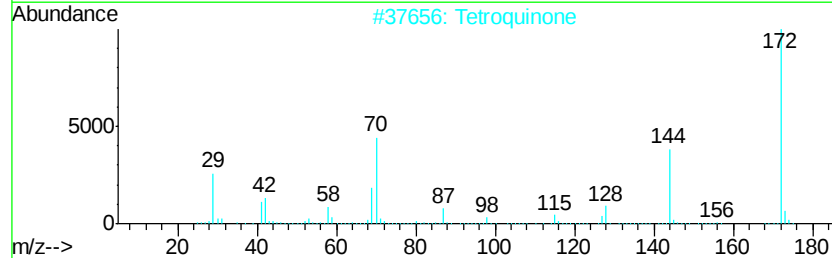
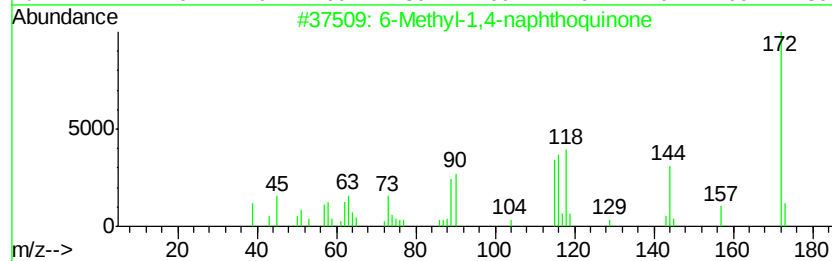
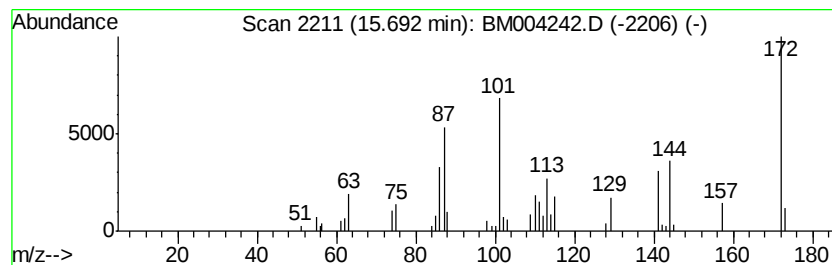
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Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	4.46 ng/ul	92434	Phenanthrene-d10	17.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-1,4-naphthoquinone			172	C11H8O2	000605-93-6	30
2	Tetroquinone			172	C6H4O6	000319-89-1	27
3	1H-Pyrazole, 3,5-dimethyl-1-phenyl-			172	C11H12N2	001131-16-4	27
4	2-Naphthalenecarboxylic acid			172	C11H8O2	000093-09-4	22
5	6-Phenyl-4(3H)-pyrimidinone			172	C10H8N2O	016353-09-6	22



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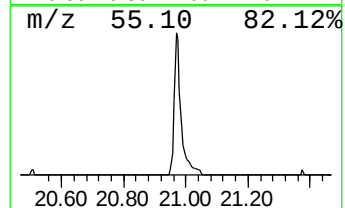
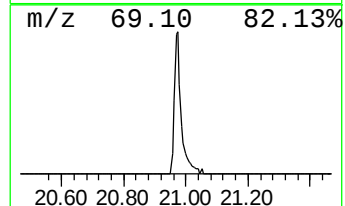
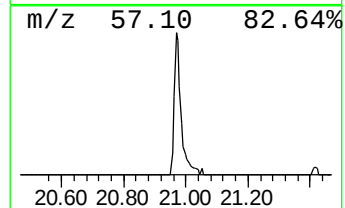
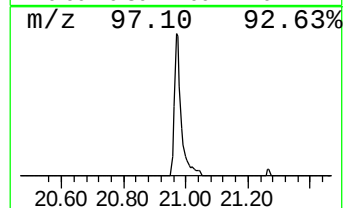
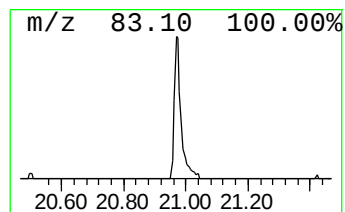
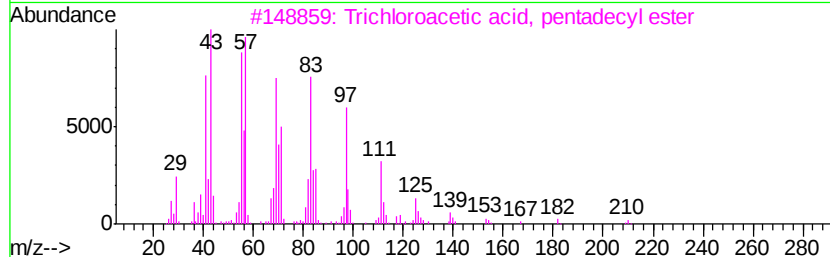
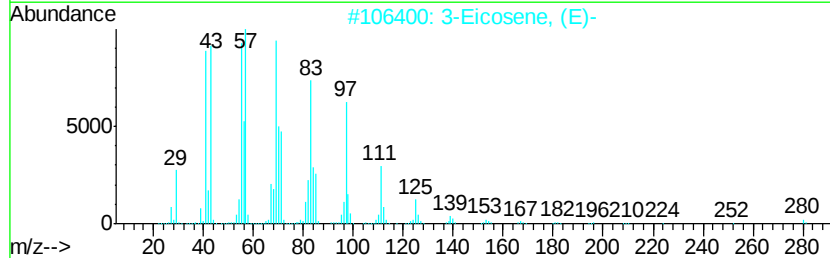
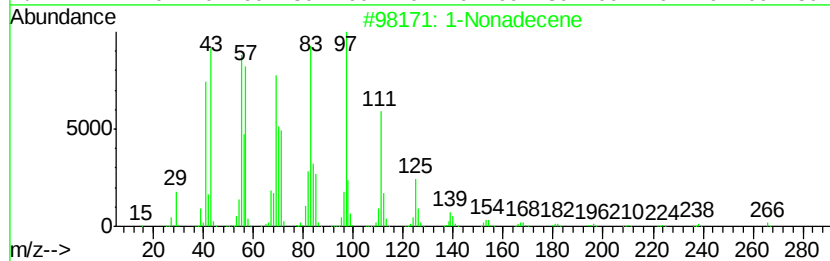
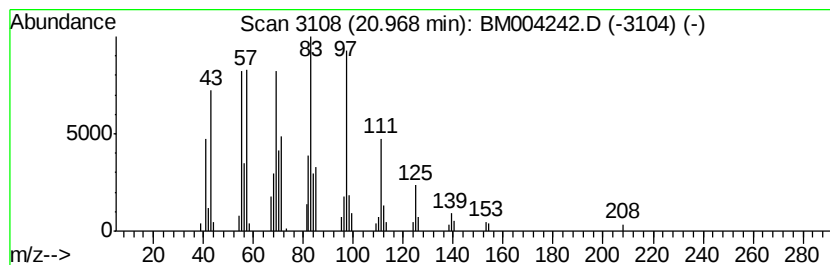
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Peak Number 4 (DEL) Alkane: Cyclic20.97 Concentration Rank 2

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20.97	7.30 ng/ul	156030	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	94
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5		1-Hexadecanol	242	C16H34O	036653-82-4	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 2-(1,1-d...	13.30	2.8	ng/ul	50298	3	14.30	355395	20.0
unknown-01	15.69	4.5	ng/ul	92434	4	17.06	414542	20.0
(DEL) Alkane: Cyc...	20.97	7.3	ng/ul	156030	5	21.27	427631	20.0