

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002774.D
 Acq On : 30 Sep 2015 08:23
 Operator : UM/IZ
 Sample : G3838-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MW7

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-BM092915.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	3.363	41	47	53	rBV	79758	169895	8.07%	0.690%
2	3.451	58	62	70	rVV	189953	291336	13.84%	1.184%
3	3.516	70	73	78	rVB2	5156	7766	0.37%	0.032%
4	3.769	112	116	123	rVB	18871	27468	1.31%	0.112%
5	4.093	167	171	179	rBV	7691	14673	0.70%	0.060%
6	4.869	298	303	306	rBV2	4262	6784	0.32%	0.028%
7	6.075	502	508	517	rBV	4362	7510	0.36%	0.031%
8	6.592	590	596	604	rBV3	8093	16018	0.76%	0.065%
9	7.116	679	685	688	rBV	3644	4875	0.23%	0.020%
10	7.628	768	772	775	rVB2	2509	3679	0.17%	0.015%
11	7.816	796	804	816	rBV	329654	570828	27.12%	2.319%
12	7.992	827	834	845	rBV	285045	467113	22.19%	1.898%
13	8.210	865	871	885	rVB	363791	626522	29.77%	2.546%
14	8.698	947	954	962	rVB	322561	535630	25.45%	2.176%
15	9.398	1065	1073	1088	rBV	430338	750097	35.64%	3.048%
16	9.539	1091	1097	1103	rVB	13868	23244	1.10%	0.094%
17	9.804	1137	1142	1150	rVB	5581	8746	0.42%	0.036%
18	9.892	1150	1157	1164	rBV	317220	549406	26.10%	2.232%
19	9.945	1164	1166	1173	rVB	4200	5410	0.26%	0.022%
20	10.622	1274	1281	1288	rBV	255439	442061	21.00%	1.796%
21	11.163	1366	1373	1387	rBV	412761	715893	34.01%	2.909%
22	11.275	1387	1392	1397	rVB	4817	8026	0.38%	0.033%
23	11.557	1431	1440	1447	rBV	445703	772562	36.71%	3.139%
24	11.604	1447	1448	1454	rVB	6395	7843	0.37%	0.032%
25	11.680	1454	1461	1473	rBV	426223	758037	36.02%	3.080%
26	13.092	1697	1701	1707	rVV2	5669	8332	0.40%	0.034%
27	13.169	1710	1714	1719	rVB	4764	6897	0.33%	0.028%
28	13.380	1746	1750	1754	rBV	3960	5904	0.28%	0.024%
29	13.645	1791	1795	1803	rVB	9112	13566	0.64%	0.055%
30	13.880	1831	1835	1840	rBV	15240	19702	0.94%	0.080%
31	14.674	1964	1970	1974	rVV	698997	1001402	47.58%	4.069%
32	14.715	1974	1977	1984	rVB	340476	474163	22.53%	1.927%
33	14.998	2018	2025	2038	rBV	886773	1352188	64.25%	5.494%
34	15.292	2068	2075	2082	rBV2	592109	928042	44.09%	3.771%

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35	15.357	2082	2086	2092	rVB	8849	11784	0.56%	0.048%
36	15.457	2097	2103	2120	rBV	255850	422253	20.06%	1.716%
37	15.680	2135	2141	2146	rBV	7554	12134	0.58%	0.049%
38	16.010	2192	2197	2200	rBV	9690	13273	0.63%	0.054%
39	16.045	2200	2203	2207	rVB	10295	11937	0.57%	0.049%
40	16.268	2234	2241	2247	rBV	1105596	1597767	75.91%	6.492%
41	16.321	2247	2250	2256	rVV2	8861	11893	0.57%	0.048%
42	16.386	2256	2261	2267	rVV	178391	249255	11.84%	1.013%
43	16.439	2267	2270	2275	rVV2	4162	6576	0.31%	0.027%
44	16.504	2275	2281	2284	rVB2	8305	11693	0.56%	0.048%
45	16.604	2293	2298	2302	rBV3	4046	6085	0.29%	0.025%
46	16.745	2318	2322	2324	rBV2	5108	7062	0.34%	0.029%
47	16.786	2324	2329	2337	rVV	19994	37689	1.79%	0.153%
48	16.892	2343	2347	2359	rVB2	16738	33930	1.61%	0.138%
49	17.098	2377	2382	2386	rBV2	13631	16670	0.79%	0.068%
50	17.221	2398	2403	2409	rBV4	2701	6173	0.29%	0.025%
51	17.456	2439	2443	2448	rVV3	10611	15440	0.73%	0.063%
52	17.674	2474	2480	2484	rBV2	21147	30653	1.46%	0.125%
53	17.727	2484	2489	2495	rVB4	6683	11099	0.53%	0.045%
54	17.827	2503	2506	2512	rVB	6496	9734	0.46%	0.040%
55	18.003	2525	2536	2541	rBV2	679136	1040136	49.42%	4.226%
56	18.045	2541	2543	2547	rVV	136367	168629	8.01%	0.685%
57	18.103	2547	2553	2565	rVB	1129309	1664362	79.08%	6.763%
58	18.215	2568	2572	2576	rBV	2795	4394	0.21%	0.018%
59	18.309	2581	2588	2594	rVV5	6196	12813	0.61%	0.052%
60	18.403	2596	2604	2608	rBV4	21694	31509	1.50%	0.128%
61	18.498	2617	2620	2623	rBV2	3047	3771	0.18%	0.015%
62	18.574	2626	2633	2637	rBV4	3930	6367	0.30%	0.026%
63	18.798	2667	2671	2674	rBV3	10671	13430	0.64%	0.055%
64	18.856	2677	2681	2684	rBV	11693	13640	0.65%	0.055%
65	18.903	2684	2689	2695	rVB2	20684	38942	1.85%	0.158%
66	18.980	2699	2702	2708	rBV2	5381	7635	0.36%	0.031%
67	19.056	2708	2715	2717	rBV2	18727	39345	1.87%	0.160%
68	19.203	2735	2740	2743	rBV3	8927	13768	0.65%	0.056%
69	19.327	2756	2761	2765	rBV	13200	16979	0.81%	0.069%
70	19.386	2767	2771	2775	rVV	17177	20393	0.97%	0.083%
71	19.615	2808	2810	2814	rVB4	3518	4615	0.22%	0.019%

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72	19.692	2819	2823	2824	rBV3	5546	8043	0.38%	0.033%
73	19.733	2826	2830	2836	rVB3	13154	22806	1.08%	0.093%
74	19.892	2854	2857	2861	rVB2	8436	11195	0.53%	0.045%
75	20.003	2867	2876	2881	rBV	201765	291836	13.87%	1.186%
76	20.168	2898	2904	2911	rBV2	53901	70098	3.33%	0.285%
77	20.221	2911	2913	2915	rBV	9041	11351	0.54%	0.046%
78	20.280	2921	2923	2925	rVB2	8082	6084	0.29%	0.025%
79	20.333	2925	2932	2942	rVV2	1314984	2104732	100.00%	8.552%
80	20.415	2943	2946	2950	rVB2	8495	11511	0.55%	0.047%
81	20.521	2962	2964	2968	rVB	10328	10485	0.50%	0.043%
82	20.668	2984	2989	2995	rBV6	11974	23544	1.12%	0.096%
83	20.762	3002	3005	3008	rBV5	5951	7728	0.37%	0.031%
84	20.833	3014	3017	3021	rVB	23085	30791	1.46%	0.125%
85	20.927	3029	3033	3036	rBV	18809	26826	1.27%	0.109%
86	20.992	3041	3044	3046	rVB	12104	13594	0.65%	0.055%
87	21.127	3064	3067	3071	rBV	11589	13693	0.65%	0.056%
88	21.180	3072	3076	3082	rVB2	51721	77386	3.68%	0.314%
89	21.244	3085	3087	3090	rVB3	11349	9903	0.47%	0.040%
90	21.703	3160	3165	3166	rBV	79160	104121	4.95%	0.423%
91	21.733	3166	3170	3178	rVV	281919	439760	20.89%	1.787%
92	21.809	3180	3183	3187	rVB2	18813	26268	1.25%	0.107%
93	21.915	3197	3201	3207	rBV	60645	73537	3.49%	0.299%
94	22.086	3224	3230	3235	rBV	857630	1366301	64.92%	5.552%
95	22.127	3235	3237	3248	rVB2	98781	169953	8.07%	0.691%
96	22.627	3319	3322	3326	rBV2	22674	36952	1.76%	0.150%
97	23.880	3530	3535	3541	rBV2	63336	155828	7.40%	0.633%
98	24.456	3628	3633	3635	rBV	25688	45929	2.18%	0.187%
99	24.515	3635	3643	3650	rBV	931289	1937323	92.05%	7.872%
100	24.680	3663	3671	3687	rVB2	564708	1276993	60.67%	5.189%

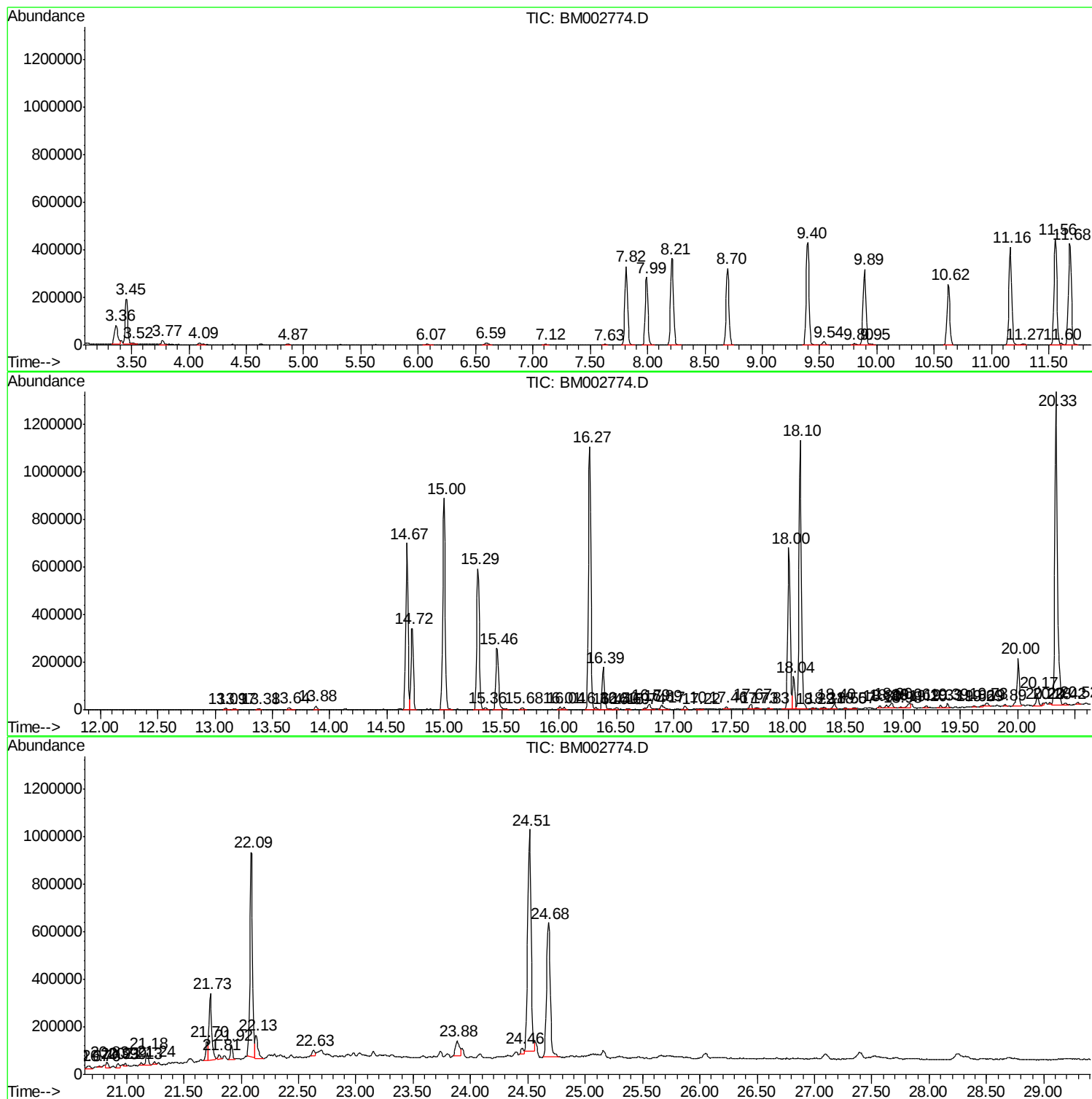
Sum of corrected areas: 24610017

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TIC Library : C:\DATABASE\NIST02.L
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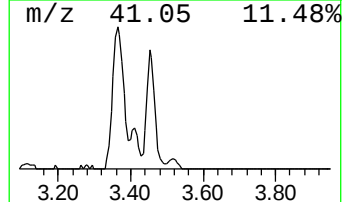
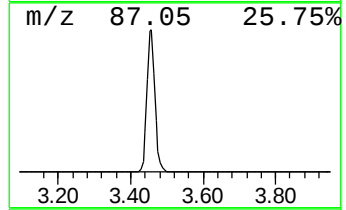
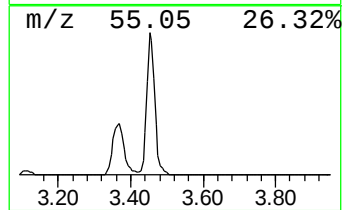
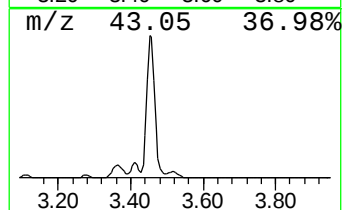
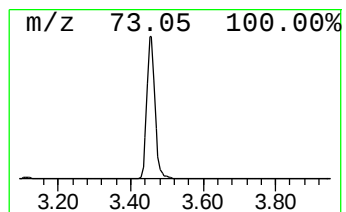
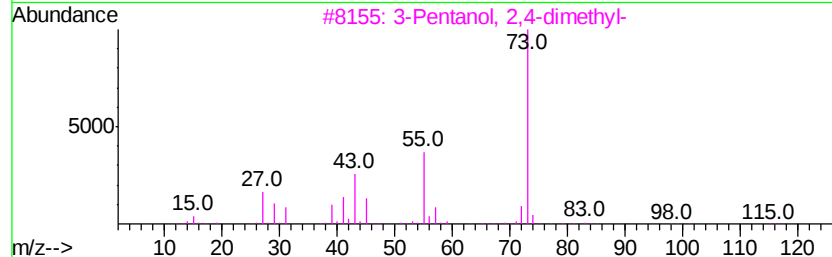
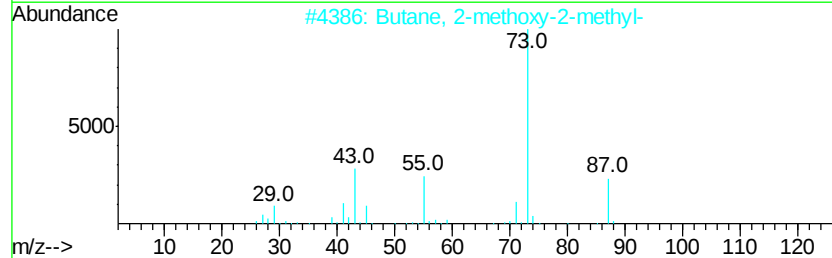
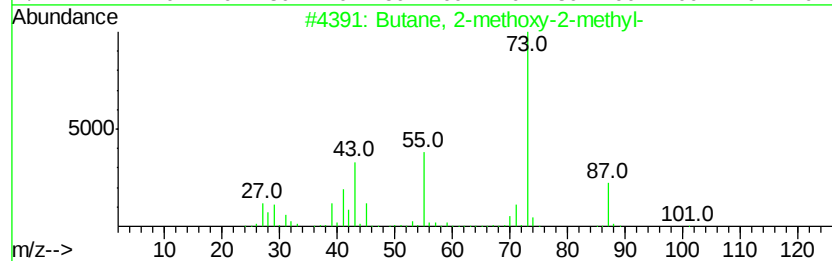
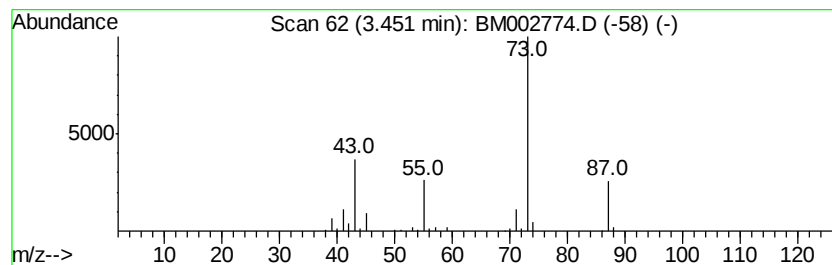
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	10.88 ng/ul	291336	1,4-Dichlorobenzene-d4	8.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10



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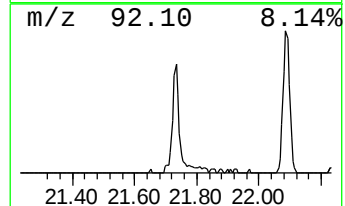
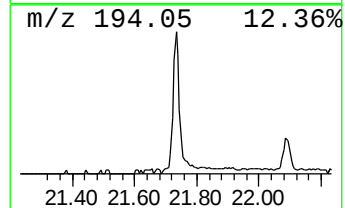
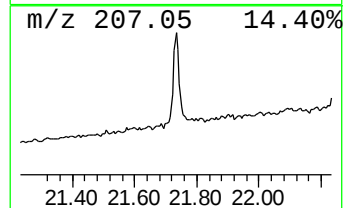
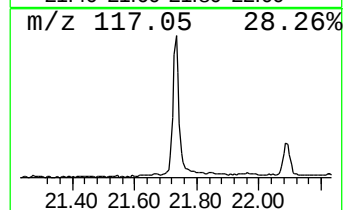
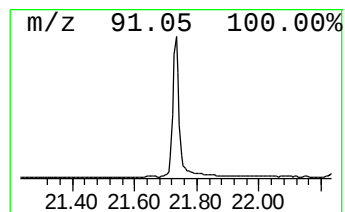
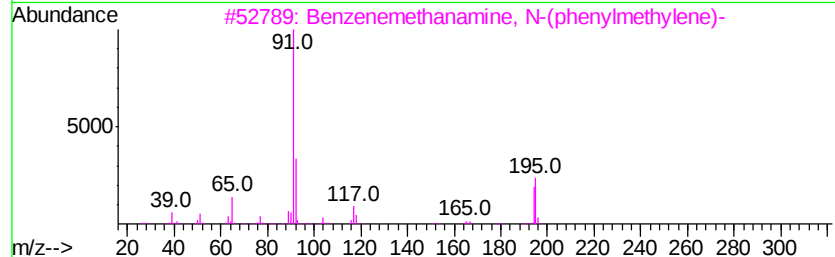
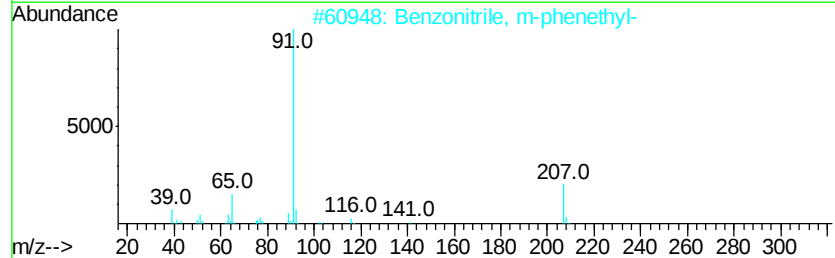
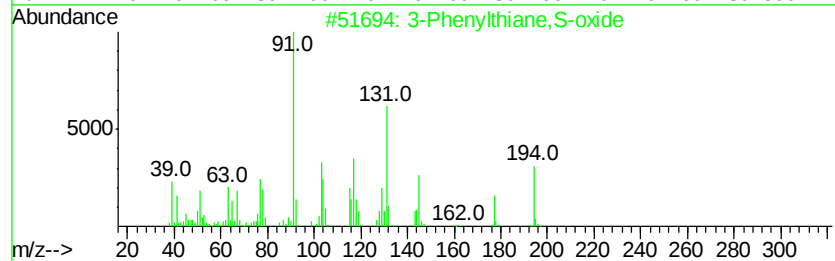
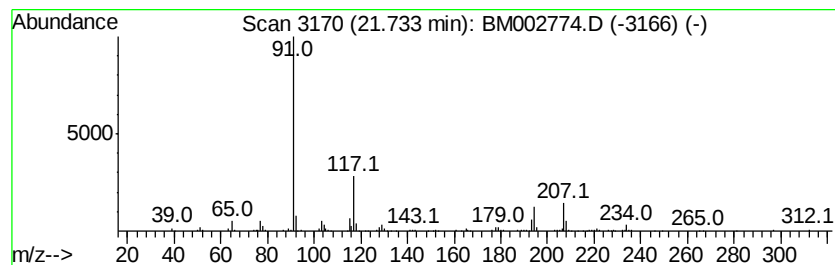
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Peak Number 3 unknown21.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	6.44 ng/ul	439760	Chrysene-d12	22.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylthiane,S-oxide	194	C11H14OS	058121-26-9	23
2		Benzonitrile, m-phenethyl-	207	C15H13N	034176-91-5	16
3		Benzenemethanamine, N-(phenylmet...	195	C14H13N	000780-25-6	12
4		Benzene, (5-iodopentyl)-	274	C11H15I	099858-37-4	12
5		Benzenemethanamine, N-hydroxy-N-...	213	C14H15NO	000621-07-8	12



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.45	10.9	ng/ul	291336	1	8.70	535630	20.0
unknown21.73	21.73	6.4	ng/ul	439760	5	22.09	1366300	20.0