

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042915\
 Data File : BM001134.D
 Acq On : 28 Apr 2015 18:45
 Operator : TP/IZ
 Sample : G1998-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1Q37

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-BM042815.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	2.728	3	7	13	rBV	937446	1134042	17.97%	0.732%
2	2.775	13	15	25	rVB	56432	81643	1.29%	0.053%
3	2.993	49	52	57	rVB5	16669	24360	0.39%	0.016%
4	3.340	107	111	116	rVB3	15528	20950	0.33%	0.014%
5	3.728	175	177	182	rVB4	5838	7056	0.11%	0.005%
6	3.963	214	217	222	rVB4	7022	9822	0.16%	0.006%
7	4.657	330	335	346	rVB	59538	100059	1.59%	0.065%
8	5.757	515	522	529	rVB8	6848	14523	0.23%	0.009%
9	6.534	648	654	659	rVB2	16633	24569	0.39%	0.016%
10	6.722	680	686	689	rBV	308914	519974	8.24%	0.335%
11	6.881	706	713	722	rBV	708882	1099468	17.42%	0.709%
12	6.969	722	728	738	rVV	1346012	1946253	30.84%	1.256%
13	7.069	738	745	757	rVV	849334	1324533	20.99%	0.855%
14	7.163	757	761	768	rVB2	21647	34160	0.54%	0.022%
15	7.387	792	799	802	rBV6	6235	12818	0.20%	0.008%
16	7.534	817	824	833	rBV	701286	1142096	18.10%	0.737%
17	7.663	840	846	851	rBV4	7031	13277	0.21%	0.009%
18	7.763	858	863	875	rVB4	30856	59705	0.95%	0.039%
19	7.992	895	902	911	rBV	1565984	2376312	37.66%	1.533%
20	8.075	911	916	919	rVV3	19865	33130	0.53%	0.021%
21	8.104	919	921	927	rVB6	6638	12055	0.19%	0.008%
22	8.210	932	939	942	rBV3	18905	32965	0.52%	0.021%
23	8.257	942	947	952	rVV	730753	1127523	17.87%	0.727%
24	8.316	952	957	960	rVV	1514237	2491653	39.49%	1.608%
25	8.351	960	963	982	rVB	1854606	2716688	43.05%	1.753%
26	8.604	999	1006	1014	rVB	985729	1569045	24.87%	1.012%
27	8.692	1014	1021	1031	rBV	939740	1477040	23.41%	0.953%
28	8.969	1064	1068	1072	rBV5	5038	9104	0.14%	0.006%
29	9.257	1110	1117	1127	rBV	1581150	2391851	37.91%	1.543%
30	9.416	1134	1144	1154	rBV	769290	1259807	19.97%	0.813%
31	9.516	1154	1161	1177	rVV	1721751	2620250	41.53%	1.691%
32	9.751	1194	1201	1214	rBV	1389463	2127364	33.71%	1.373%
33	9.951	1228	1235	1249	rBV2	1152941	2664522	42.23%	1.719%
34	10.322	1289	1298	1302	rBV	952762	1614906	25.59%	1.042%

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35	10.369	1302	1306	1315	rVV	1167230	1891660	29.98%	1.220%
36	10.469	1318	1323	1332	rBV3	33431	65174	1.03%	0.042%
37	10.657	1348	1355	1364	rBV	2010669	3166904	50.19%	2.043%
38	11.233	1445	1453	1470	rBV	447727	996572	15.79%	0.643%
39	11.463	1489	1492	1496	rBV3	7452	12555	0.20%	0.008%
40	11.863	1557	1560	1566	rBV4	3765	7290	0.12%	0.005%
41	12.145	1604	1608	1613	rBV4	8808	15490	0.25%	0.010%
42	12.222	1613	1621	1630	rVV	2770075	4257664	67.48%	2.747%
43	12.375	1637	1647	1656	rBV2	1842897	4317035	68.42%	2.785%
44	12.698	1695	1702	1714	rBV	1525459	2259559	35.81%	1.458%
45	13.069	1755	1765	1773	rBV	1204242	1747333	27.69%	1.127%
46	13.622	1853	1859	1863	rBV	1963980	2632927	41.73%	1.699%
47	13.669	1863	1867	1874	rVB	1190269	1555011	24.64%	1.003%
48	13.898	1898	1906	1908	rBV	2304199	3448052	54.65%	2.225%
49	13.922	1908	1910	1919	rVB	1606438	2064988	32.73%	1.332%
50	14.122	1938	1944	1952	rBV	852546	1205422	19.10%	0.778%
51	14.210	1952	1959	1964	rVV2	1316887	2034038	32.24%	1.312%
52	14.269	1964	1969	1975	rVV	2585285	3739886	59.27%	2.413%
53	14.333	1975	1980	1990	rVV	1152809	1557658	24.69%	1.005%
54	14.422	1990	1995	2006	rVV	339008	534201	8.47%	0.345%
55	14.510	2006	2010	2015	rVB	22539	31885	0.51%	0.021%
56	14.610	2020	2027	2037	rVB	1320064	1914196	30.34%	1.235%
57	15.204	2122	2128	2133	rBV	2974952	4094481	64.89%	2.642%
58	15.257	2133	2137	2140	rVV	2833757	3913778	62.03%	2.525%
59	15.292	2140	2143	2147	rVV	2008996	2719564	43.10%	1.755%
60	15.351	2147	2153	2165	rVV2	3110205	5254950	83.28%	3.390%
61	15.445	2165	2169	2173	rVB2	27528	41952	0.66%	0.027%
62	16.615	2362	2368	2383	rBV	3497124	4776380	75.70%	3.082%
63	16.745	2387	2390	2393	rVB4	10311	14448	0.23%	0.009%
64	16.957	2420	2426	2432	rBV2	1719155	2378800	37.70%	1.535%
65	17.057	2436	2443	2446	rVV	3167378	4663905	73.91%	3.009%
66	17.092	2446	2449	2461	rVB	3098499	4060487	64.35%	2.620%
67	17.368	2489	2496	2505	rBV	3419514	4730599	74.97%	3.052%
68	17.527	2518	2523	2526	rVB3	16901	22302	0.35%	0.014%
69	17.580	2528	2532	2536	rVB4	19717	24096	0.38%	0.016%
70	17.915	2583	2589	2594	rBV3	13157	17996	0.29%	0.012%
71	18.139	2624	2627	2632	rVB4	5265	8591	0.14%	0.006%

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72	18.186	2632	2635	2639	rBV2	56511	60202	0.95%	0.039%
73	18.380	2663	2668	2674	rBV3	19301	30070	0.48%	0.019%
74	19.021	2771	2777	2788	rBV	2148479	2759251	43.73%	1.780%
75	19.245	2811	2815	2821	rVB	25300	33640	0.53%	0.022%
76	19.304	2821	2825	2828	rBV3	5614	7744	0.12%	0.005%
77	19.362	2828	2835	2843	rBV	3915806	5223167	82.78%	3.370%
78	19.662	2881	2886	2889	rBV4	4087	7240	0.11%	0.005%
79	20.303	2990	2995	3002	rBV	2586008	2703577	42.85%	1.744%
80	20.356	3002	3004	3007	rVB4	11127	10518	0.17%	0.007%
81	20.880	3089	3093	3096	rVB5	9895	13370	0.21%	0.009%
82	20.956	3103	3106	3113	rBV5	26818	39374	0.62%	0.025%
83	21.086	3123	3128	3135	rBV	3067327	3393741	53.78%	2.190%
84	21.156	3135	3140	3143	rVV	2201482	2861235	45.35%	1.846%
85	21.198	3143	3147	3155	rVB	4504424	5304761	84.07%	3.423%
86	21.739	3237	3239	3243	rBV5	11760	14292	0.23%	0.009%
87	21.903	3262	3267	3272	rBV	406734	512026	8.11%	0.330%
88	22.721	3399	3406	3419	rVB	4242119	6309893	100.00%	4.071%
89	23.074	3462	3466	3473	rVB	43440	70746	1.12%	0.046%
90	23.186	3477	3485	3489	rBV2	2850182	5669508	89.85%	3.658%
91	23.233	3489	3493	3501	rVV	3666394	6052949	95.93%	3.905%
92	23.321	3501	3508	3517	rVB	1676971	2872807	45.53%	1.853%
93	24.515	3708	3711	3719	rVB4	42216	91271	1.45%	0.059%
94	25.468	3863	3873	3884	rBV	1028938	2682177	42.51%	1.730%

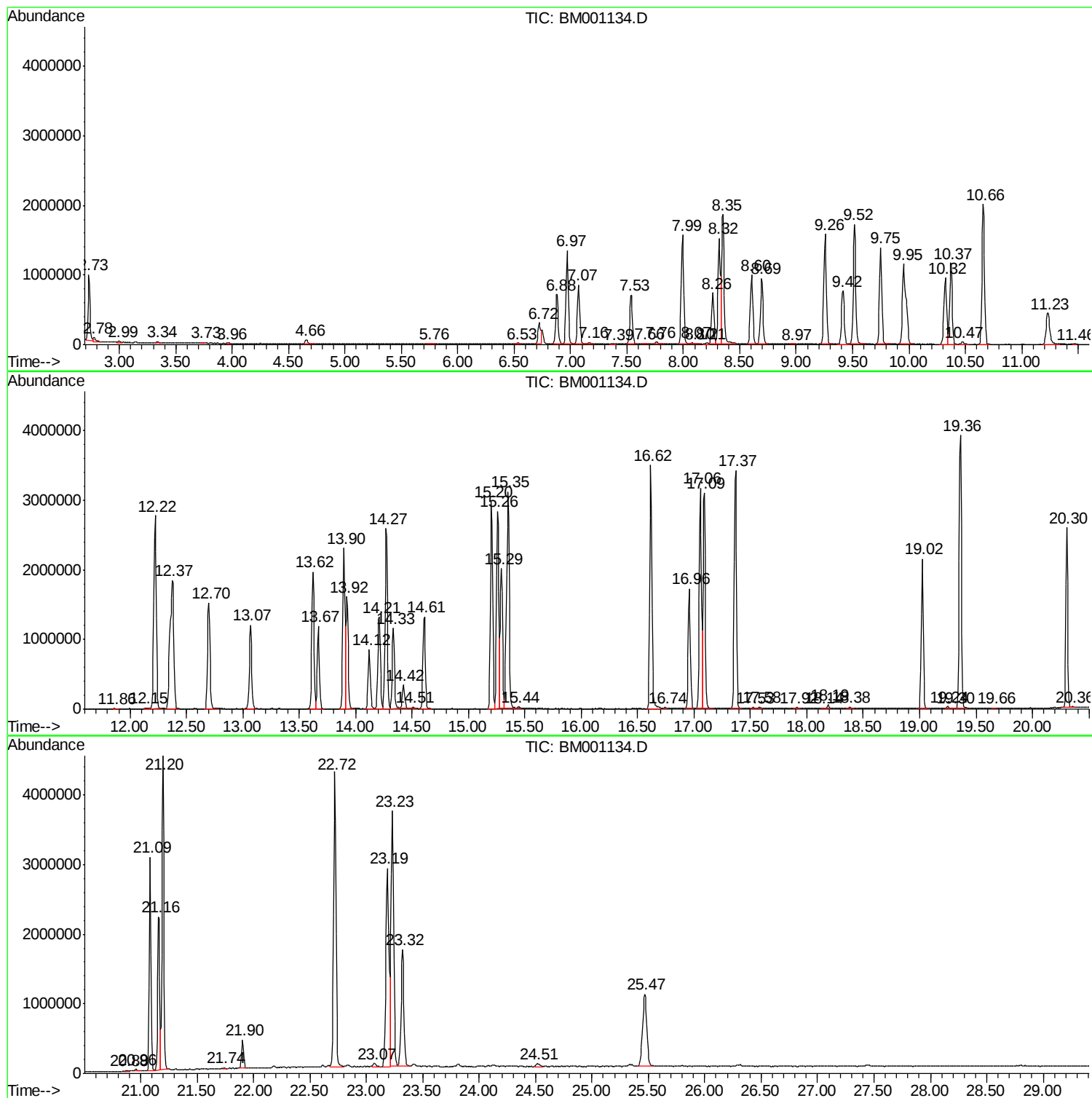
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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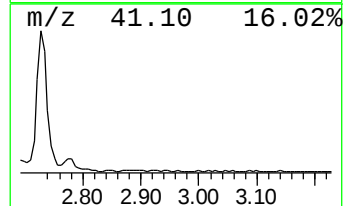
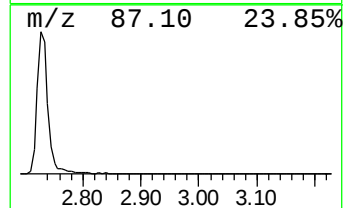
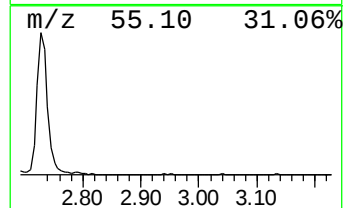
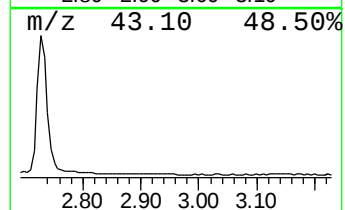
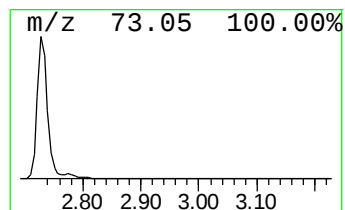
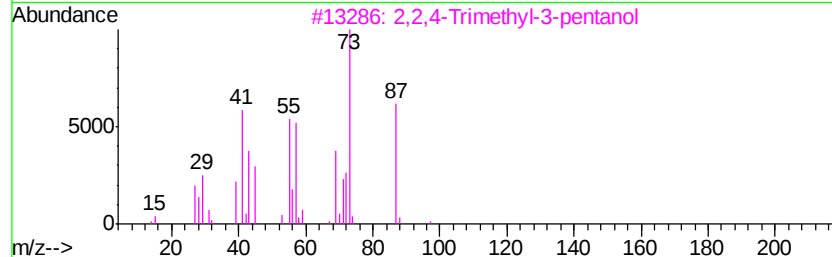
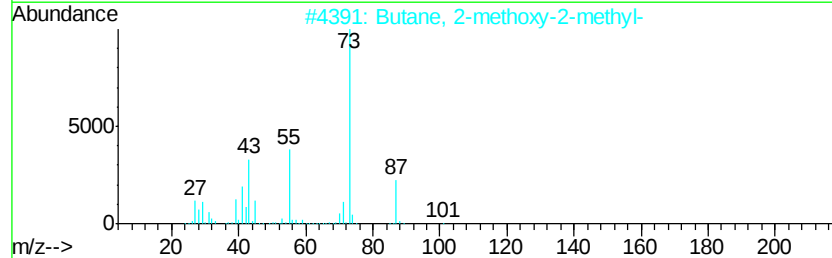
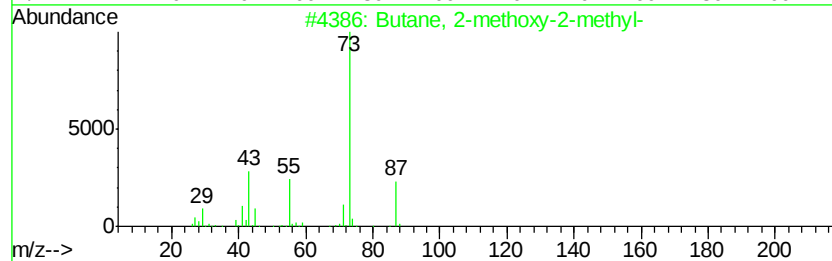
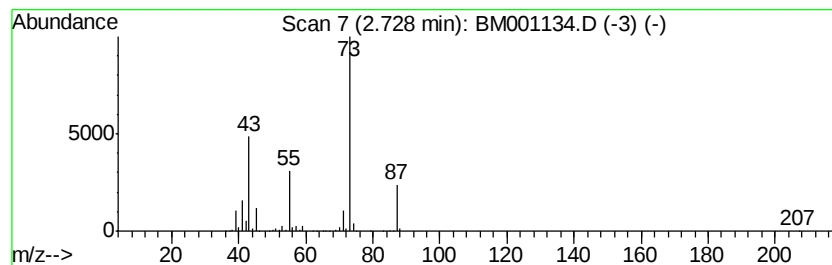
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042815.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	19.86 ng/ul	1134040	1,4-Dichlorobenzene-d4	7.53

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	56
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	35



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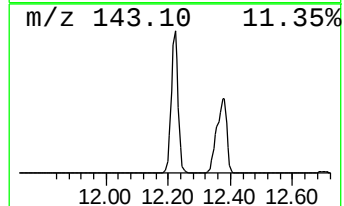
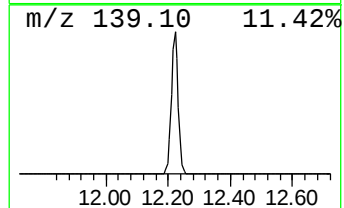
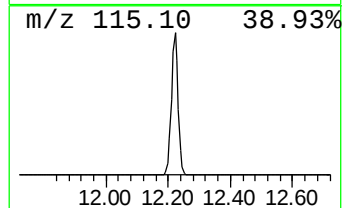
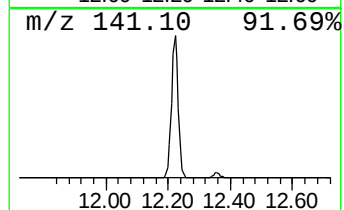
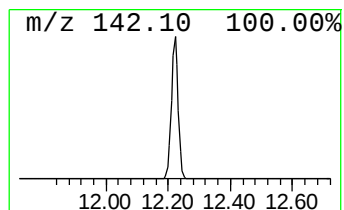
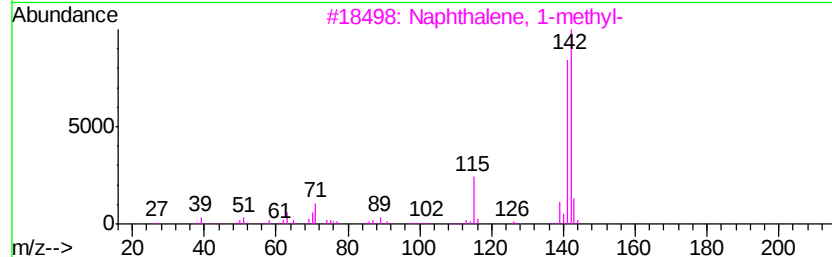
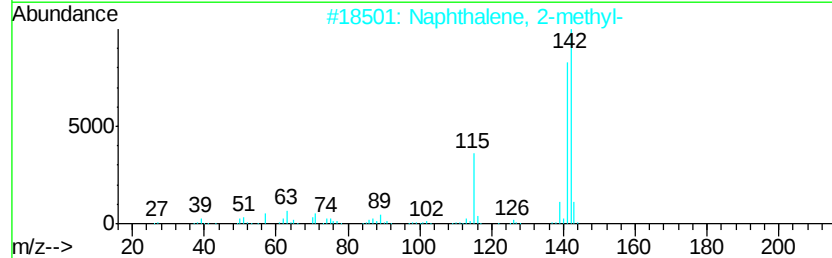
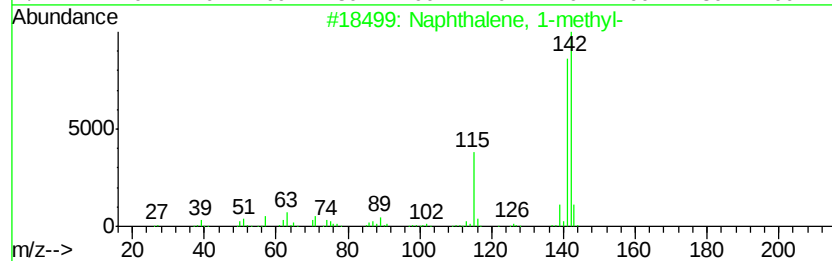
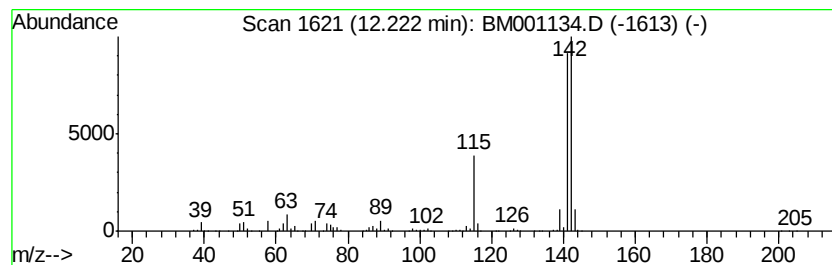
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	52.73 ng/ul	4257660	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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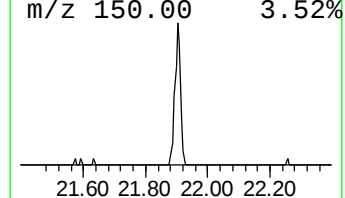
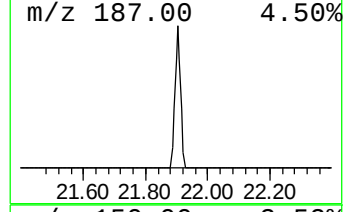
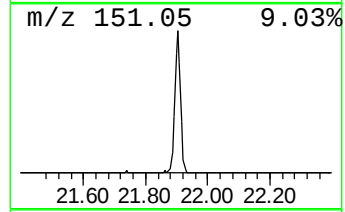
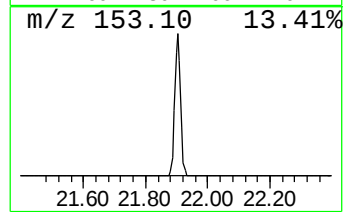
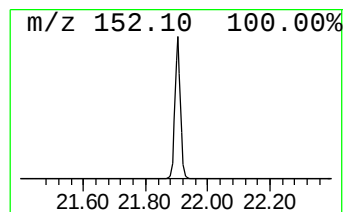
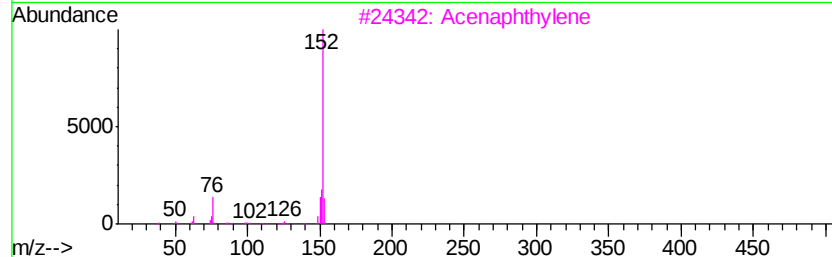
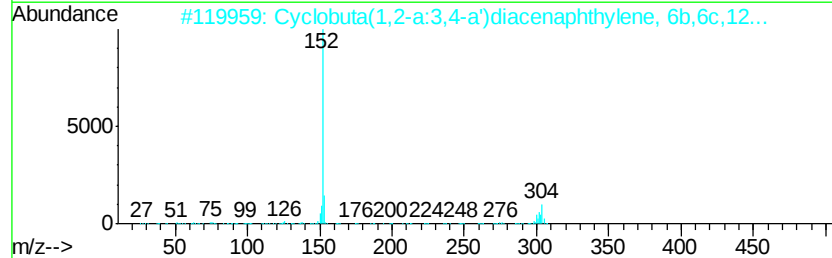
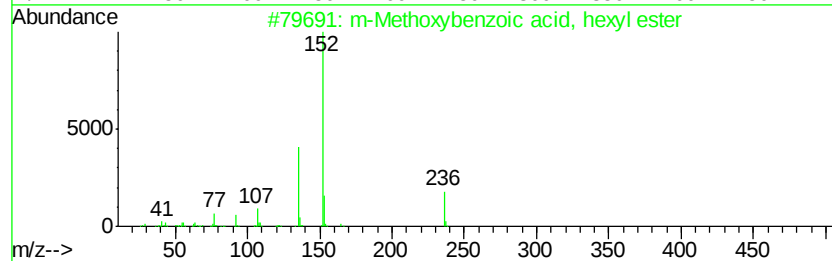
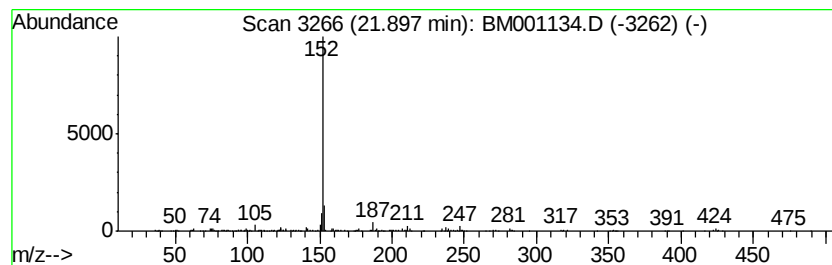
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Peak Number 3 m-Methoxybenzoic acid, hexyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	3.58 ng/ul	512026	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	m-Methoxybenzoic acid, hexyl ester	236	C14H20O3	1000292-36-7	64
2		Cyclobuta(1,2-a:3,4-a')diacenaph...	304	C24H16	007259-03-2	50
3		Acenaphthylene	152	C12H8	000208-96-8	50
4		Biphenylene	152	C12H8	000259-79-0	50
5		[2-(Naphth-2-yl)vinyl]-methyl su...	232	C13H12O2S	1000286-42-3	39



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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042815.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
Butane, 2-methoxy...	2.73	19.9	ng/ul	1134040	1	7.53	1142100	20.0
Naphthalene, 1-me...	12.22	52.7	ng/ul	4257660	2	10.32	1614910	20.0
m-Methoxybenzoic ...	21.90	3.6	ng/ul	512026	5	21.16	2861240	20.0