

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
 Data File : BM029512.D
 Acq On : 15 Apr 2021 20:31
 Operator : CG/JU
 Sample : M1959-13
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B60

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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	2.940	6	9	16	rVB	140942	165279	6.67%	1.042%
2	3.017	19	22	25	rVV	39535	37459	1.51%	0.236%
3	3.046	25	27	28	rVV	14465	11839	0.48%	0.075%
4	3.070	28	31	33	rVV	23577	21936	0.89%	0.138%
5	3.105	33	37	42	rVB	2533610	2476832	100.00%	15.616%
6	3.405	86	88	89	rBV	7123	5887	0.24%	0.037%
7	3.434	89	93	98	rVB	68111	86841	3.51%	0.548%
8	3.523	106	108	112	rBV4	5083	6471	0.26%	0.041%
9	3.811	154	157	161	rVB4	3401	5413	0.22%	0.034%
10	3.905	167	173	178	rVB2	11994	17950	0.72%	0.113%
11	4.087	200	204	207	rVB6	3170	3866	0.16%	0.024%
12	4.734	309	314	319	rVB7	2560	5034	0.20%	0.032%
13	7.675	807	814	832	rBV	590192	934086	37.71%	5.889%
14	10.240	1244	1250	1255	rBV6	3559	7296	0.29%	0.046%
15	10.451	1273	1286	1293	rBV	723457	1245691	50.29%	7.854%
16	10.504	1293	1295	1302	rVV	31737	41461	1.67%	0.261%
17	10.587	1304	1309	1314	rVV4	3725	5253	0.21%	0.033%
18	10.710	1326	1330	1340	rVB6	3945	6491	0.26%	0.041%
19	10.863	1352	1356	1362	rVB5	2914	4297	0.17%	0.027%
20	10.928	1362	1367	1372	rBV5	5542	8334	0.34%	0.053%
21	12.122	1565	1570	1577	rBV	12686	23294	0.94%	0.147%
22	12.345	1601	1608	1616	rVB	11296	19770	0.80%	0.125%
23	13.151	1740	1745	1750	rVB5	4401	7262	0.29%	0.046%
24	13.345	1772	1778	1783	rBV5	2325	4315	0.17%	0.027%
25	13.475	1796	1800	1801	rBV3	4006	4491	0.18%	0.028%
26	13.492	1801	1803	1807	rVB4	4090	4850	0.20%	0.031%
27	13.634	1822	1827	1832	rBV3	9272	14556	0.59%	0.092%
28	13.687	1832	1836	1840	rVB2	5926	8399	0.34%	0.053%
29	13.875	1862	1868	1870	rBV5	4131	6137	0.25%	0.039%
30	14.040	1891	1896	1901	rBV4	3293	4306	0.17%	0.027%
31	14.310	1935	1942	1949	rBV	986550	1465373	59.16%	9.239%
32	14.375	1949	1953	1962	rVB2	27532	43503	1.76%	0.274%
33	14.628	1992	1996	2001	rVB4	3339	4178	0.17%	0.026%
34	14.710	2005	2010	2019	rVV	40184	61209	2.47%	0.386%

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35	14.986	2052	2057	2060	rBV3	3004	3904	0.16%	0.025%
36	15.363	2115	2121	2126	rBV	68497	96007	3.88%	0.605%
37	15.486	2138	2142	2145	rBV4	3570	5245	0.21%	0.033%
38	15.522	2145	2148	2153	rVB2	8220	12262	0.50%	0.077%
39	15.610	2160	2163	2167	rVB3	3771	4755	0.19%	0.030%
40	15.657	2167	2171	2176	rBV	14810	18805	0.76%	0.119%
41	15.804	2191	2196	2204	rBV	15811	32928	1.33%	0.208%
42	15.898	2207	2212	2219	rVB7	3439	6634	0.27%	0.042%
43	16.369	2285	2292	2297	rBV7	11682	21982	0.89%	0.139%
44	16.410	2297	2299	2304	rVB4	6449	8428	0.34%	0.053%
45	16.516	2311	2317	2320	rBV3	4340	7017	0.28%	0.044%
46	16.598	2327	2331	2333	rBV3	4499	6051	0.24%	0.038%
47	16.633	2333	2337	2341	rVB5	7800	9116	0.37%	0.057%
48	16.716	2347	2351	2357	rVB8	3032	5351	0.22%	0.034%
49	16.798	2357	2365	2366	rBV3	9143	15825	0.64%	0.100%
50	16.875	2374	2378	2383	rVB	27305	37257	1.50%	0.235%
51	17.057	2402	2409	2412	rBV	1068572	1519443	61.35%	9.580%
52	17.098	2412	2416	2422	rVB	728854	983274	39.70%	6.200%
53	17.186	2427	2431	2436	rVB	37286	55968	2.26%	0.353%
54	17.239	2439	2440	2447	rVB6	5364	8302	0.34%	0.052%
55	17.416	2466	2470	2475	rBV7	2036	4670	0.19%	0.029%
56	17.498	2480	2484	2488	rBV5	6027	8118	0.33%	0.051%
57	17.575	2494	2497	2502	rBV3	8266	12405	0.50%	0.078%
58	17.633	2504	2507	2511	rVV5	6178	6775	0.27%	0.043%
59	17.780	2527	2532	2536	rBV4	5183	9410	0.38%	0.059%
60	17.927	2552	2557	2561	rBV	66413	96760	3.91%	0.610%
61	17.975	2561	2565	2573	rVB	87035	132647	5.36%	0.836%
62	18.122	2584	2590	2594	rBV3	82618	138394	5.59%	0.873%
63	18.157	2594	2596	2601	rVB	40833	53524	2.16%	0.337%
64	18.433	2638	2643	2648	rBV	46808	68710	2.77%	0.433%
65	18.551	2661	2663	2667	rBV6	7049	9399	0.38%	0.059%
66	18.680	2681	2685	2689	rVV	16381	20605	0.83%	0.130%
67	18.733	2690	2694	2697	rVV	15287	21887	0.88%	0.138%
68	18.769	2697	2700	2703	rVV3	9452	10849	0.44%	0.068%
69	18.851	2710	2714	2718	rBV2	23771	36084	1.46%	0.228%
70	18.904	2718	2723	2727	rBV6	15042	30976	1.25%	0.195%
71	18.939	2727	2729	2734	rVB3	12448	15189	0.61%	0.096%

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72	18.986	2734	2737	2745	rBV6	12644	27824	1.12%	0.175%
73	19.110	2753	2758	2764	rBV	666884	897283	36.23%	5.657%
74	19.180	2767	2770	2773	rBV3	10082	14239	0.57%	0.090%
75	19.222	2773	2777	2779	rVV4	6986	9295	0.38%	0.059%
76	19.357	2797	2800	2804	rBV2	13397	19011	0.77%	0.120%
77	19.392	2804	2806	2810	rVB5	10251	10371	0.42%	0.065%
78	19.445	2810	2815	2817	rBV2	92447	138077	5.57%	0.871%
79	19.474	2817	2820	2829	rVV	273854	362968	14.65%	2.289%
80	19.551	2829	2833	2838	rVB3	27873	39981	1.61%	0.252%
81	19.657	2847	2851	2854	rBV	31838	40339	1.63%	0.254%
82	19.827	2872	2880	2885	rVB5	32012	82045	3.31%	0.517%
83	19.869	2885	2887	2888	rBV	11934	8444	0.34%	0.053%
84	19.933	2895	2898	2900	rBV4	21975	29148	1.18%	0.184%
85	19.969	2901	2904	2909	rVB	131004	173113	6.99%	1.091%
86	20.074	2918	2922	2925	rBV	40029	54008	2.18%	0.341%
87	20.116	2926	2929	2935	rVV3	23245	44590	1.80%	0.281%
88	20.169	2936	2938	2941	rVB4	18282	19360	0.78%	0.122%
89	20.251	2948	2952	2957	rVB4	80270	102382	4.13%	0.646%
90	20.304	2957	2961	2967	rBV9	25685	52430	2.12%	0.331%
91	20.404	2976	2978	2982	rVB4	19053	20743	0.84%	0.131%
92	20.563	2999	3005	3008	rBV5	66522	100008	4.04%	0.631%
93	20.710	3028	3030	3036	rVB7	34159	42621	1.72%	0.269%
94	20.880	3056	3059	3063	rBV	39336	48058	1.94%	0.303%
95	20.921	3063	3066	3069	rBV	42700	46760	1.89%	0.295%
96	20.957	3070	3072	3073	rBV	27931	22688	0.92%	0.143%
97	21.233	3113	3119	3123	rBV2	1037392	1508351	60.90%	9.510%
98	21.268	3123	3125	3132	rVB	289889	332866	13.44%	2.099%
99	22.780	3378	3382	3387	rBV	119756	220041	8.88%	1.387%
100	23.439	3488	3494	3501	rBV2	608206	1089098	43.97%	6.867%

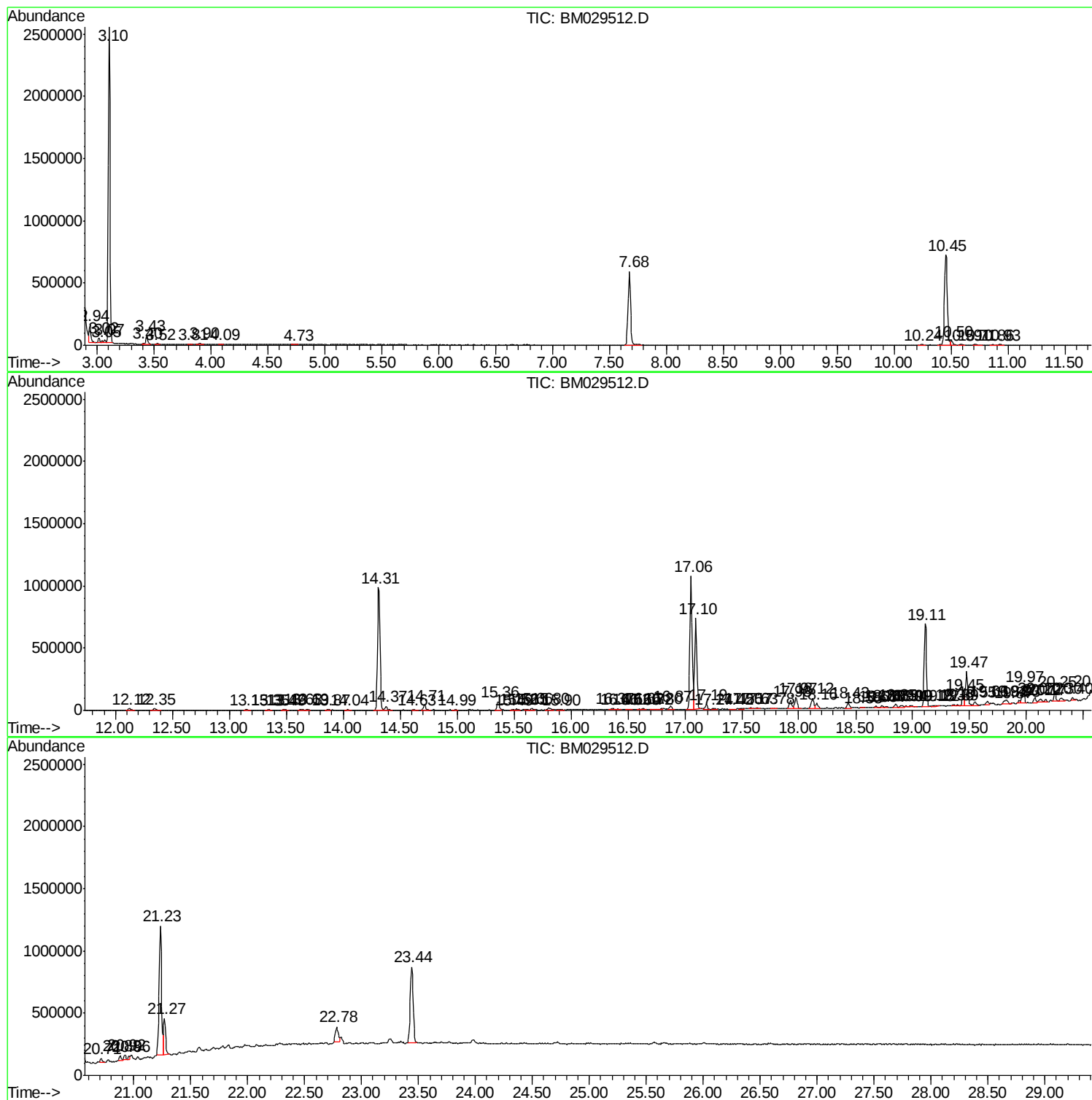
Sum of corrected areas: 15860457

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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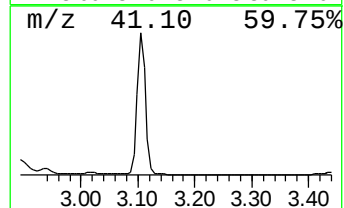
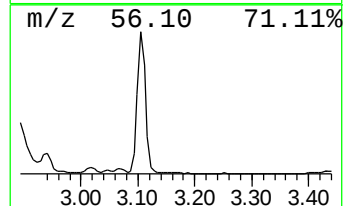
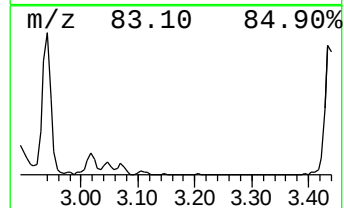
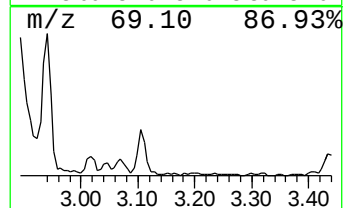
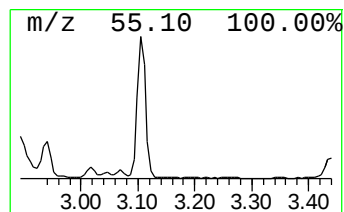
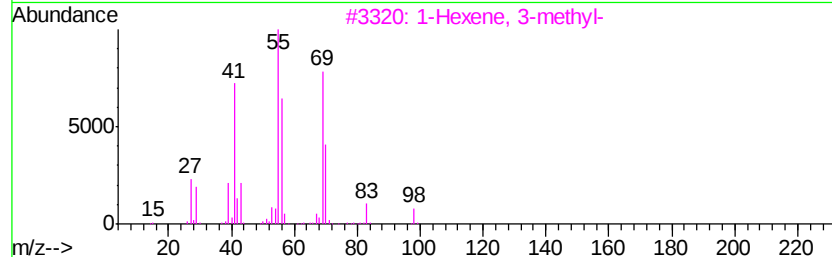
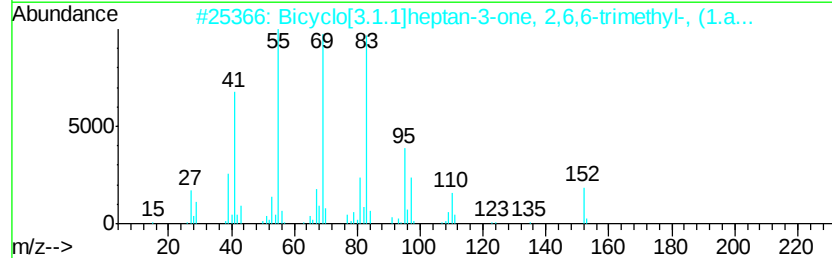
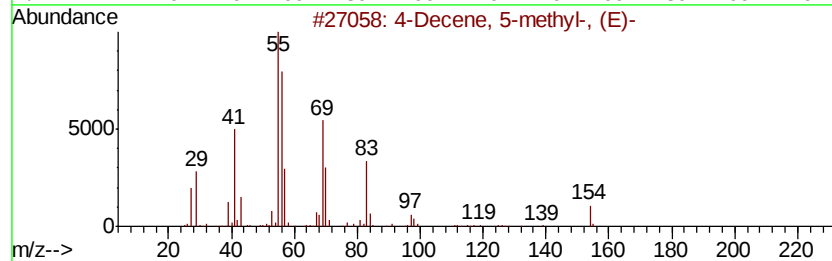
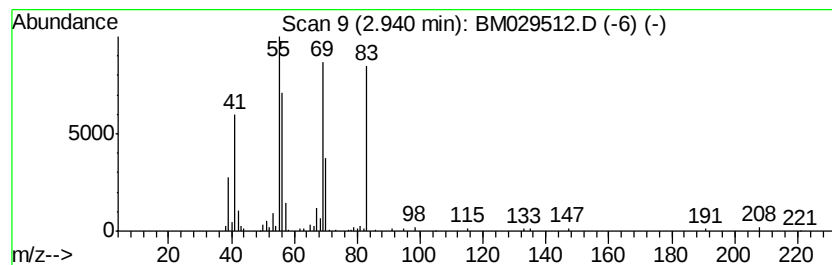
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	3.54 ng/ul	165279	1,4-Dichlorobenzene-d4	7.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	59
2			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	53
3			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	50
4			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	50
5			4-Decene, 3-methyl-, (E)-	154	C11H22	062338-47-0	47



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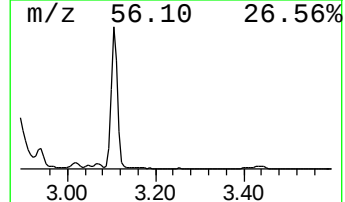
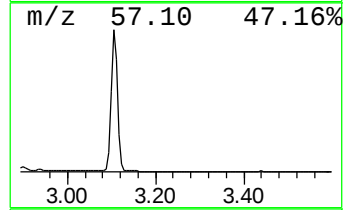
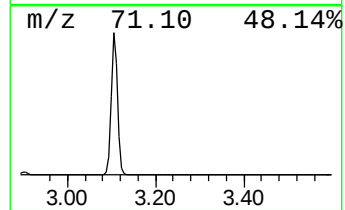
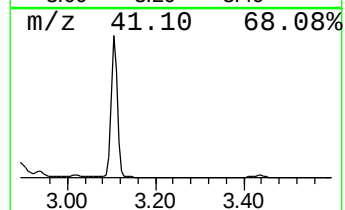
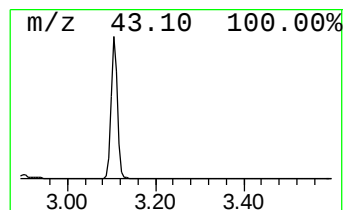
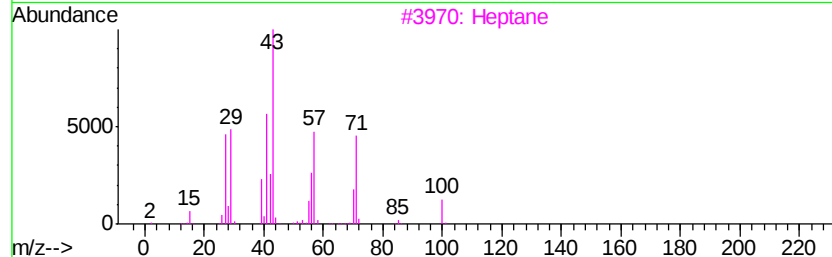
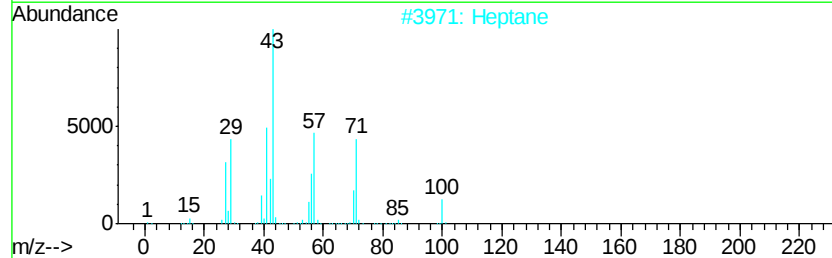
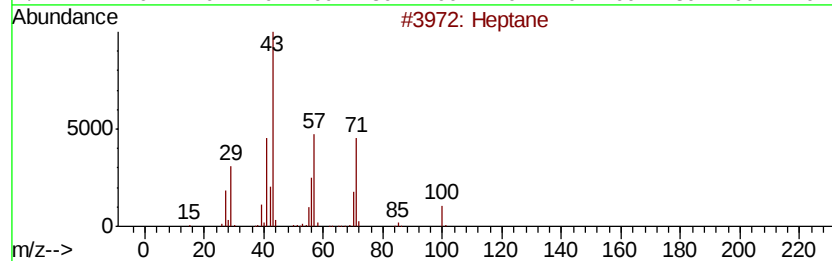
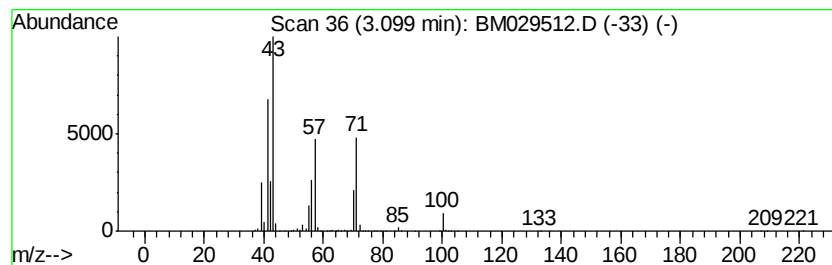
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	53.03 ng/ul	2476830	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	90
3		Heptane	100	C7H16	000142-82-5	86
4		Heptane	100	C7H16	000142-82-5	80
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	42



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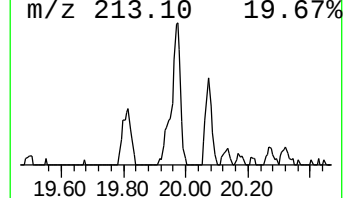
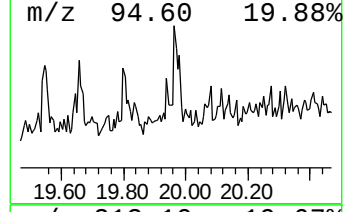
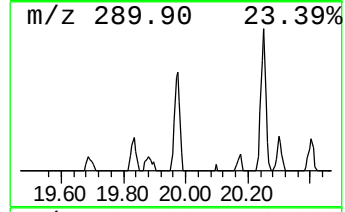
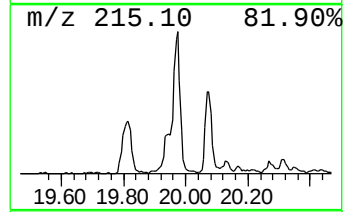
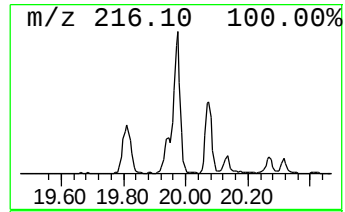
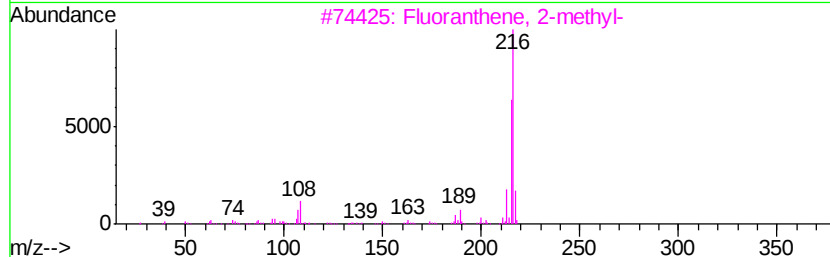
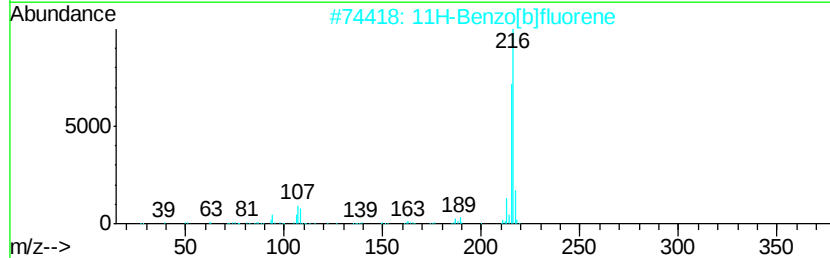
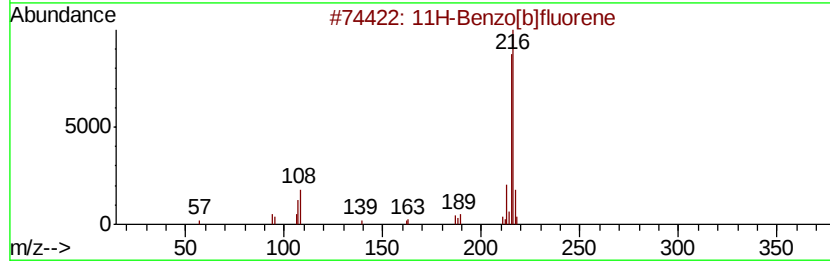
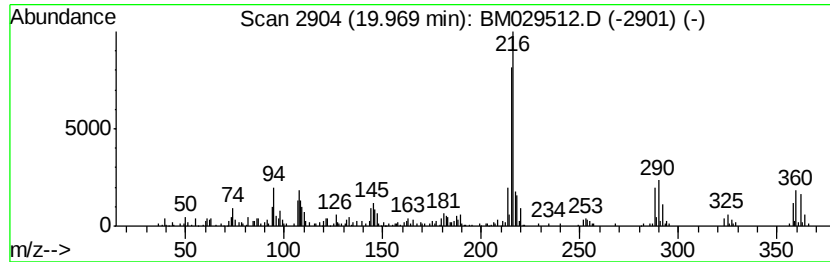
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Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.30 ng/ul	173113	Chrysene-d12	21.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041521\
Data File : BM029512.D
Acq On : 15 Apr 2021 20:31
Operator : CG/JU
Sample : M1959-13
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B60

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	2.94	3.5	ng/ul	165279	1	7.68	934086	20.0
(DEL) Alkane: Str...	3.10	53.0	ng/ul	2476830	1	7.68	934086	20.0
11H-Benzo[b]fluorene	19.97	2.3	ng/ul	173113	5	21.23	1508350	20.0