

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122118\
 Data File : BN004191.D
 Acq On : 22 Dec 2018 09:56
 Operator : JU/SJ
 Sample : J6414-09
 Misc : GC-MS Confirmation
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB533

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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_N\METHODS\SOM-EPA-BN121218MA.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	3.193	31	35	42	rVB	64513	68309	7.36%	1.271%
2	7.822	816	822	829	rBB	97700	149891	16.14%	2.790%
3	10.616	1291	1297	1304	rBV	151402	251888	27.12%	4.688%
4	14.463	1945	1951	1958	rBV2	263385	391055	42.11%	7.279%
5	15.510	2125	2129	2135	rVB2	18338	24145	2.60%	0.449%
6	17.028	2383	2387	2394	rVB	7195	10168	1.09%	0.189%
7	17.210	2412	2418	2422	rBV	337359	485480	52.28%	9.036%
8	17.251	2422	2425	2433	rVV	209373	266128	28.66%	4.954%
9	17.345	2436	2441	2445	rBV	12871	16519	1.78%	0.307%
10	17.992	2547	2551	2558	rBV3	9592	12779	1.38%	0.238%
11	18.081	2562	2566	2570	rBV	26663	36772	3.96%	0.684%
12	18.134	2570	2575	2580	rVB	33294	46840	5.04%	0.872%
13	18.281	2594	2600	2604	rBV2	36692	68753	7.40%	1.280%
14	18.316	2604	2606	2611	rVV2	18908	24794	2.67%	0.461%
15	18.369	2611	2615	2620	rVB2	11833	14788	1.59%	0.275%
16	18.581	2647	2651	2655	rBV	20673	27574	2.97%	0.513%
17	18.828	2689	2693	2696	rVB2	8039	10160	1.09%	0.189%
18	18.922	2706	2709	2718	rVB3	5203	11345	1.22%	0.211%
19	18.998	2718	2722	2727	rBV	16664	25196	2.71%	0.469%
20	19.269	2763	2768	2773	rBV	437797	587260	63.24%	10.931%
21	19.310	2773	2775	2782	rVB2	19540	25998	2.80%	0.484%
22	19.516	2805	2810	2813	rBV	7956	15731	1.69%	0.293%
23	19.598	2819	2824	2827	rBV2	58322	94309	10.16%	1.755%
24	19.634	2827	2830	2837	rVB	199716	269398	29.01%	5.014%
25	19.704	2837	2842	2845	rBV	19638	25892	2.79%	0.482%
26	19.816	2857	2861	2866	rVB	19156	27697	2.98%	0.516%
27	19.969	2881	2887	2892	rVB2	23795	44094	4.75%	0.821%
28	20.033	2895	2898	2903	rBV	20316	28535	3.07%	0.531%
29	20.128	2904	2914	2918	rVV	67111	144505	15.56%	2.690%
30	20.228	2927	2931	2935	rBV2	46720	65426	7.05%	1.218%
31	20.269	2935	2938	2940	rVV3	17489	24439	2.63%	0.455%
32	20.322	2944	2947	2951	rVV	18761	22568	2.43%	0.420%
33	20.381	2955	2957	2961	rVB	17789	18986	2.04%	0.353%
34	21.045	3066	3070	3073	rBV	40811	58117	6.26%	1.082%

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Title : SVOA CALIBRATION

35	21.080	3073	3076	3080	rVV	47286	60816	6.55%	1.132%
36	21.122	3080	3083	3087	rVB	40069	45795	4.93%	0.852%
37	21.398	3122	3130	3134	rBV2	529471	928673	100.00%	17.286%
38	21.433	3134	3136	3143	rVB	198562	240449	25.89%	4.476%
39	23.016	3400	3405	3411	rBV	82635	178991	19.27%	3.332%
40	23.722	3519	3525	3534	rVB	277102	522226	56.23%	9.720%

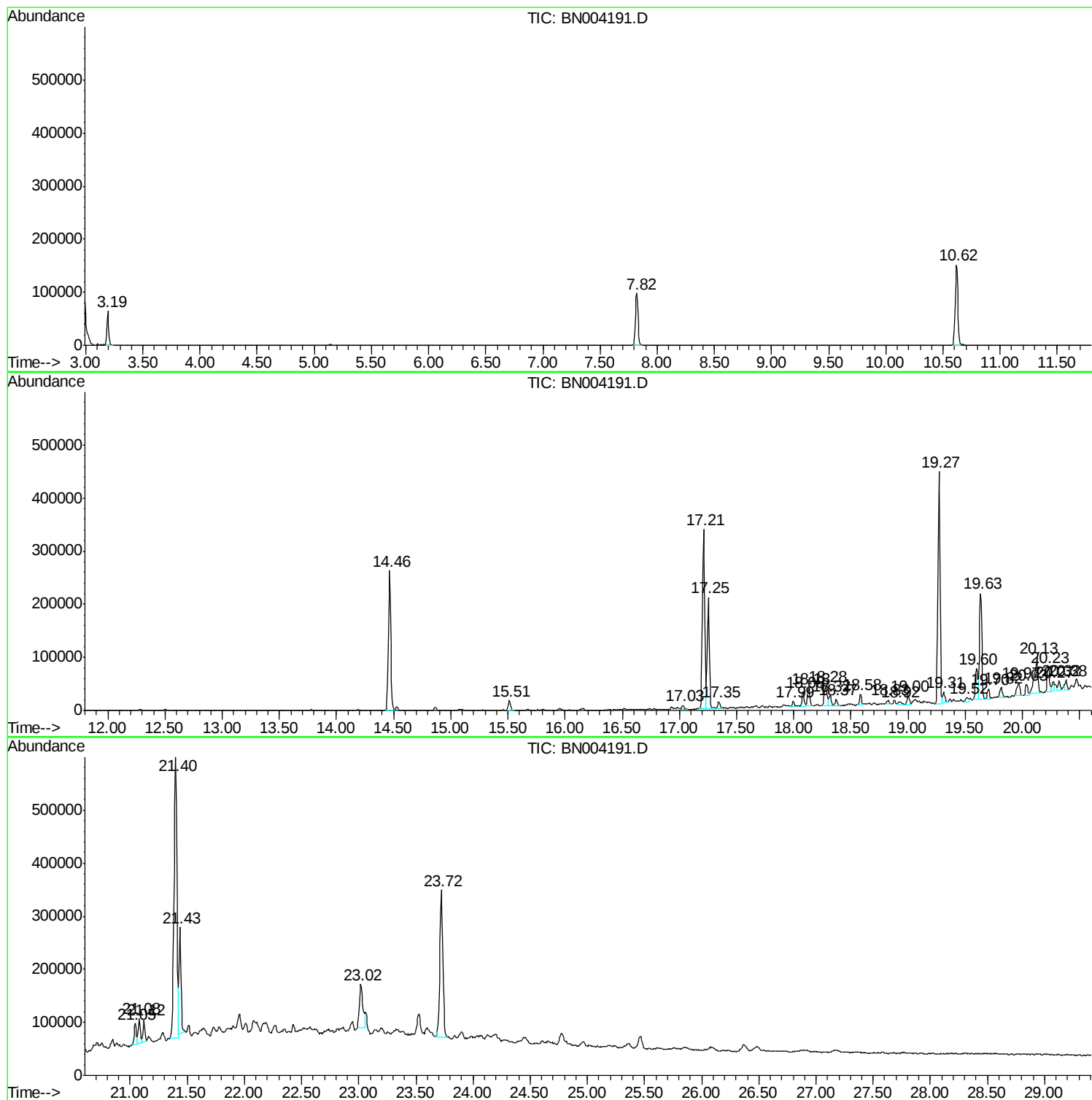
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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



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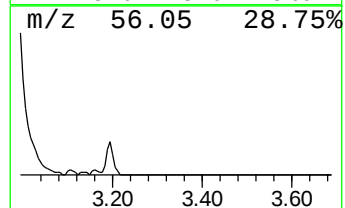
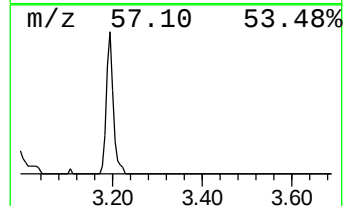
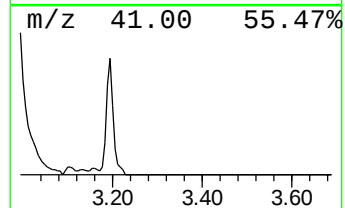
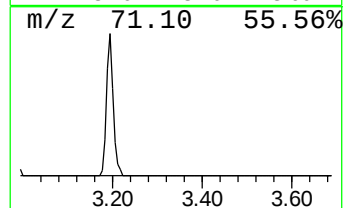
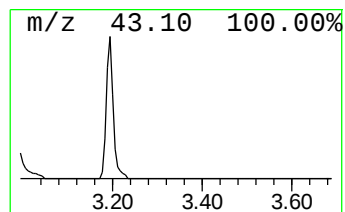
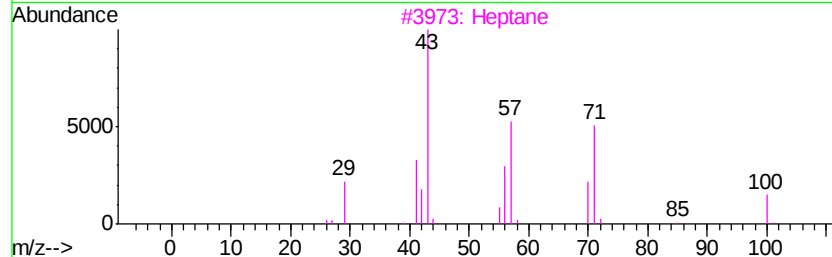
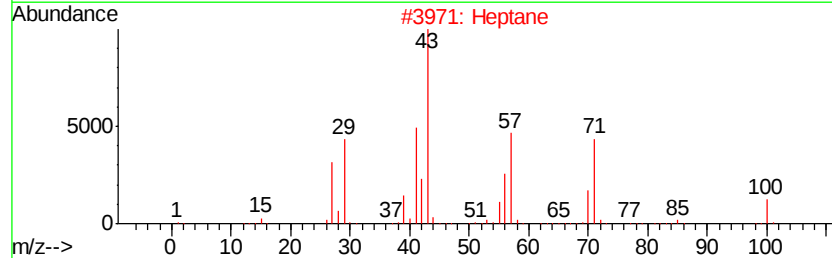
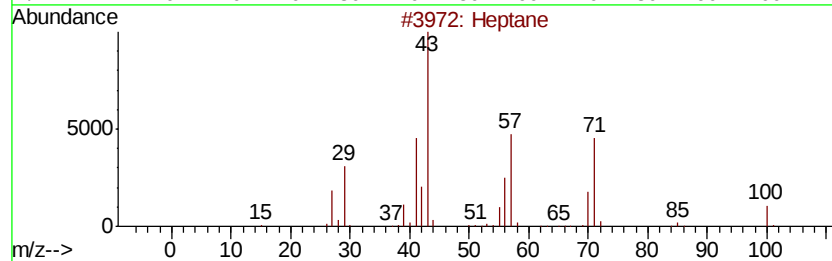
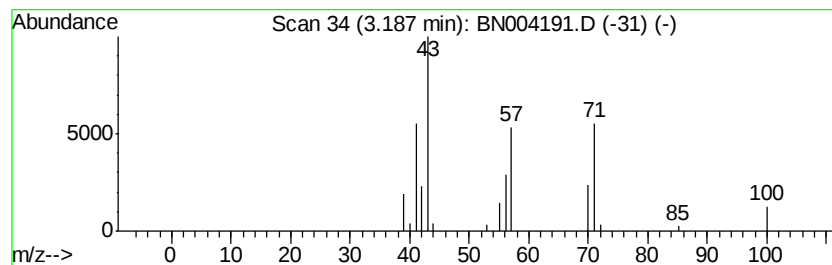
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	9.11 ng/ul	68309	1,4-Dichlorobenzene-d4	7.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane		100	C7H16	000142-82-5	95
2	Heptane		100	C7H16	000142-82-5	94
3	Heptane		100	C7H16	000142-82-5	91
4	Heptane		100	C7H16	000142-82-5	87
5	Oxalic acid, isobutyl pentyl ester		216	C11H20O4	1000309-37-0	59



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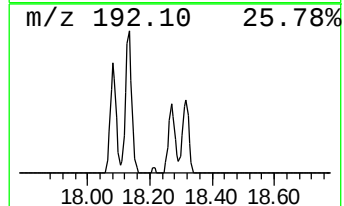
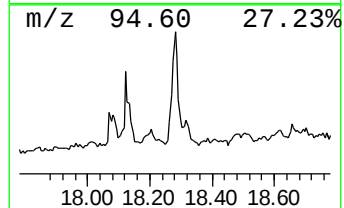
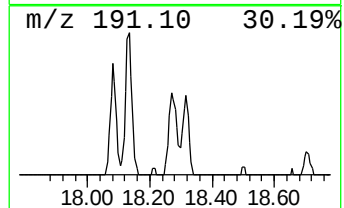
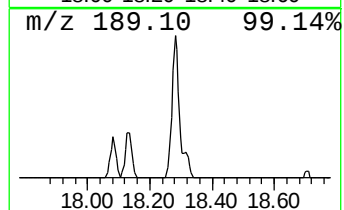
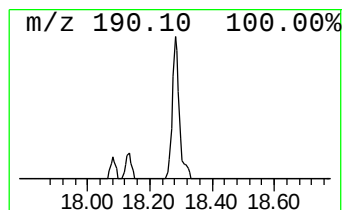
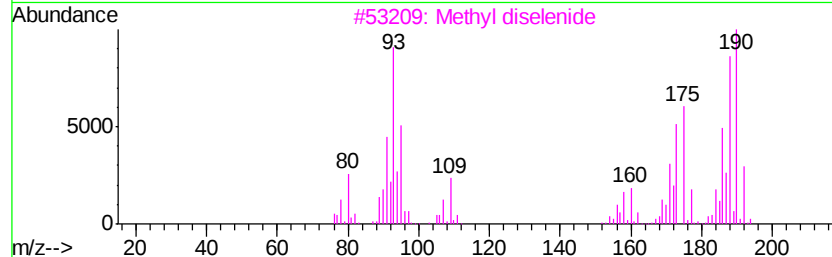
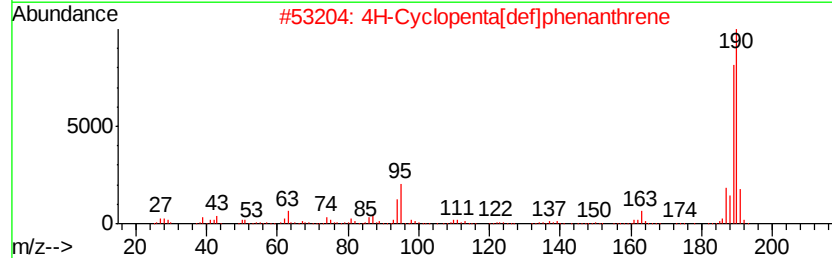
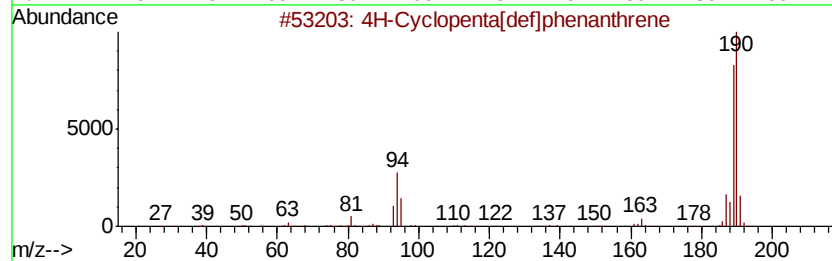
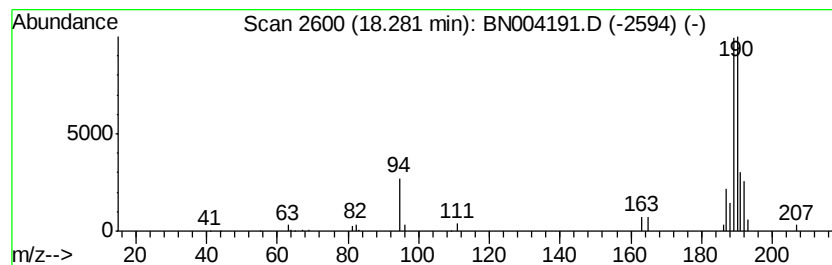
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Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.28	2.83 ng/ul	68753	Phenanthrene-d10	17.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



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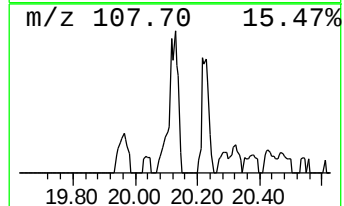
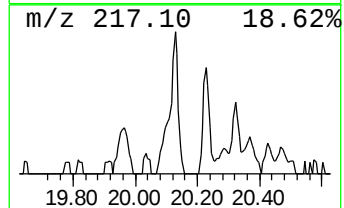
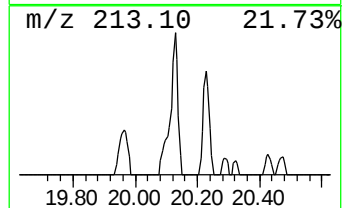
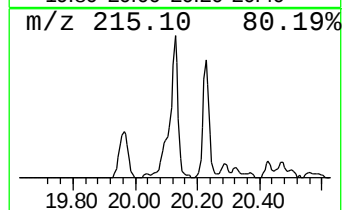
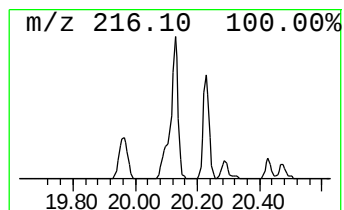
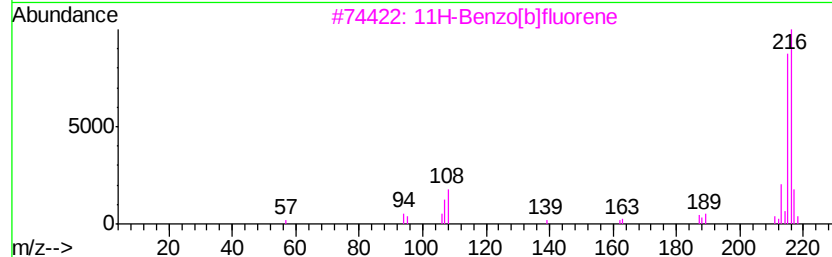
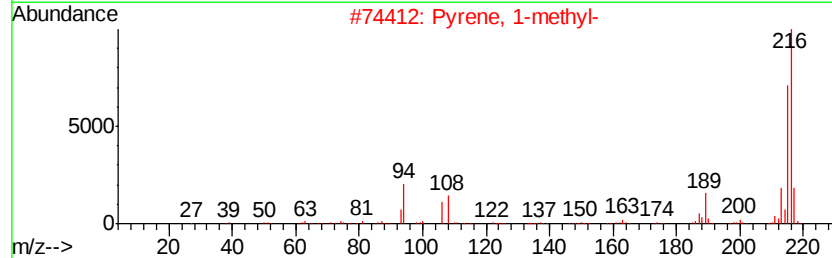
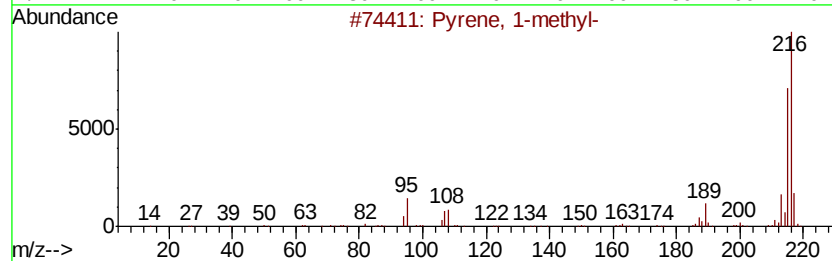
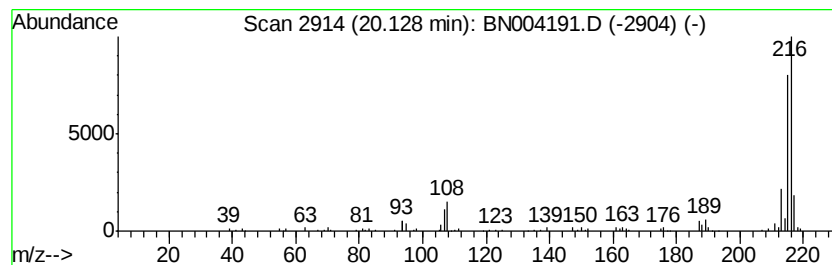
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Peak Number 3 Pyrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.13	3.11 ng/ul	144505	Chrysene-d12		21.40	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12	002381-21-7	94
2	Pyrene, 1-methyl-		216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	93
5	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.19	9.1	ng/ul	68309	1	7.82	149891	20.0
4H-Cyclopenta[def...	18.28	2.8	ng/ul	68753	4	17.21	485480	20.0
Pyrene, 1-methyl-	20.13	3.1	ng/ul	144505	5	21.40	928673	20.0