

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
 Data File : BM014495.D
 Acq On : 06 Mar 2018 11:30
 Operator : SJ/JU
 Sample : J1631-09DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z0DL

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	4.658	280	284	287	rBV4	14311	24874	1.27%	0.135%
2	6.746	633	639	647	rBV7	40386	111052	5.69%	0.603%
3	6.869	656	660	668	rBV2	50728	81892	4.20%	0.445%
4	7.057	687	692	701	rBV2	72607	140213	7.19%	0.761%
5	7.505	763	768	781	rBV	367980	680381	34.87%	3.694%
6	7.628	785	789	796	rVB8	13450	30777	1.58%	0.167%
7	8.269	892	898	901	rBV3	37888	73421	3.76%	0.399%
8	8.687	963	969	976	rBV3	63545	144102	7.38%	0.782%
9	9.399	1084	1090	1098	rBV5	55664	129506	6.64%	0.703%
10	9.987	1184	1190	1200	rBV9	35142	114708	5.88%	0.623%
11	10.281	1233	1240	1258	rVB	448331	920261	47.16%	4.997%
12	10.493	1270	1276	1277	rBV5	21465	31833	1.63%	0.173%
13	13.598	1798	1804	1809	rBV	131804	242923	12.45%	1.319%
14	13.651	1809	1813	1822	rVB	73473	144640	7.41%	0.785%
15	13.863	1841	1849	1863	rBV2	196251	367879	18.85%	1.998%
16	14.169	1893	1901	1909	rVV2	635231	1083797	55.54%	5.885%
17	14.233	1909	1912	1919	rVB5	27292	52341	2.68%	0.284%
18	14.563	1962	1968	1969	rBV3	13845	24926	1.28%	0.135%
19	14.586	1969	1972	1976	rVB5	16239	25836	1.32%	0.140%
20	15.028	2041	2047	2052	rBV6	15289	25581	1.31%	0.139%
21	15.180	2067	2073	2079	rBV	203872	364831	18.70%	1.981%
22	15.239	2081	2083	2092	rVB6	23704	36660	1.88%	0.199%
23	15.386	2101	2108	2114	rBV9	17702	38685	1.98%	0.210%
24	15.892	2190	2194	2197	rBV4	18848	30009	1.54%	0.163%
25	16.610	2311	2316	2319	rBV5	17064	29712	1.52%	0.161%
26	16.686	2327	2329	2333	rVB5	18657	22577	1.16%	0.123%
27	16.757	2337	2341	2344	rVB2	15660	20413	1.05%	0.111%
28	16.933	2364	2371	2375	rBV	786711	1220701	62.56%	6.628%
29	16.980	2375	2379	2384	rVB	330465	497784	25.51%	2.703%
30	17.039	2384	2389	2393	rBV2	216766	352323	18.06%	1.913%
31	17.363	2440	2444	2450	rVB2	40722	65794	3.37%	0.357%
32	17.816	2516	2521	2524	rBV2	61515	105696	5.42%	0.574%
33	17.863	2526	2529	2534	rVB2	78115	115866	5.94%	0.629%
34	17.939	2540	2542	2547	rVB5	21774	28467	1.46%	0.155%

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35	18.004	2549	2553	2559	rVV3	86392	166731	8.54%	0.905%
36	18.045	2559	2560	2566	rVB4	45063	50261	2.58%	0.273%
37	18.121	2570	2573	2574	rBV3	21618	20126	1.03%	0.109%
38	18.321	2602	2607	2612	rBV	48064	94680	4.85%	0.514%
39	18.380	2615	2617	2623	rVB5	49007	69096	3.54%	0.375%
40	18.545	2642	2645	2651	rBV8	28354	52378	2.68%	0.284%
41	18.621	2655	2658	2662	rBV6	22826	36395	1.87%	0.198%
42	18.663	2663	2665	2670	rVB6	21468	22142	1.13%	0.120%
43	18.763	2675	2682	2686	rBV5	124374	231087	11.84%	1.255%
44	18.904	2701	2706	2711	rVB4	44395	73957	3.79%	0.402%
45	19.010	2718	2724	2729	rBV	874925	1214095	62.22%	6.592%
46	19.345	2776	2781	2783	rBV2	471988	686351	35.17%	3.727%
47	19.374	2783	2786	2794	rVB	1000329	1341017	68.72%	7.281%
48	19.786	2852	2856	2859	rBV5	43170	66711	3.42%	0.362%
49	19.880	2862	2872	2876	rVV2	128953	328751	16.85%	1.785%
50	19.980	2886	2889	2892	rBV4	70945	95861	4.91%	0.521%
51	20.180	2920	2923	2927	rVB2	59895	66657	3.42%	0.362%
52	20.639	2999	3001	3005	rVB2	101078	108763	5.57%	0.591%
53	20.798	3025	3028	3030	rBV3	99773	123572	6.33%	0.671%
54	20.945	3050	3053	3056	rVB2	109923	136386	6.99%	0.741%
55	21.151	3082	3088	3092	rBV2	1065110	1951379	100.00%	10.596%
56	21.186	3092	3094	3099	rVB	468333	529933	27.16%	2.877%
57	22.686	3344	3349	3354	rBV	606346	1276071	65.39%	6.929%
58	23.145	3423	3427	3431	rBV	342482	535495	27.44%	2.908%
59	23.239	3439	3443	3449	rVB2	524151	873402	44.76%	4.742%
60	23.333	3454	3459	3463	rBV	537223	885209	45.36%	4.806%

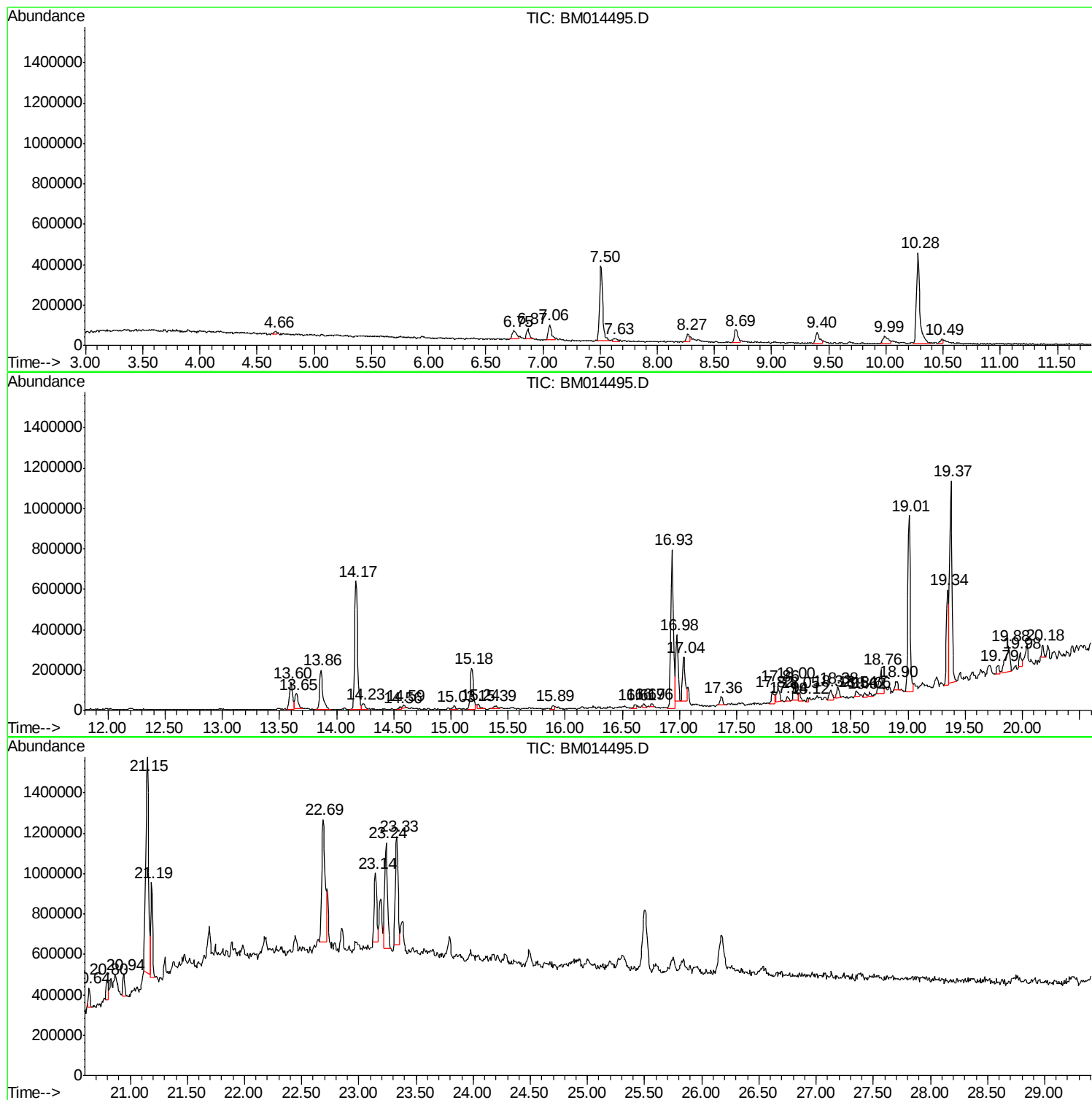
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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ALS Vial : 5 Sample Multiplier: 1

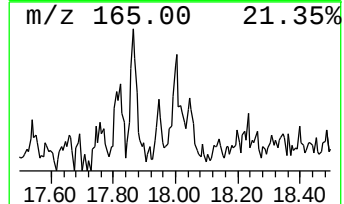
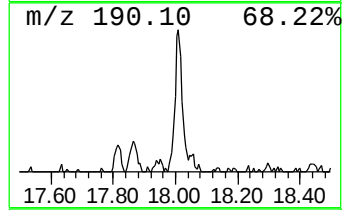
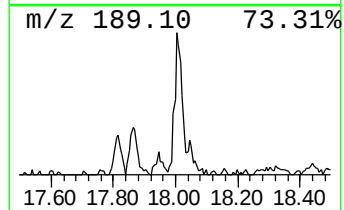
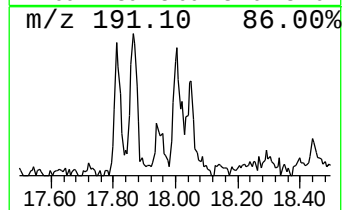
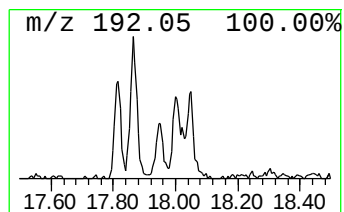
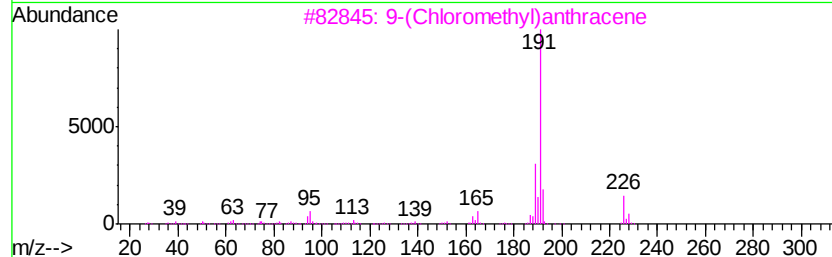
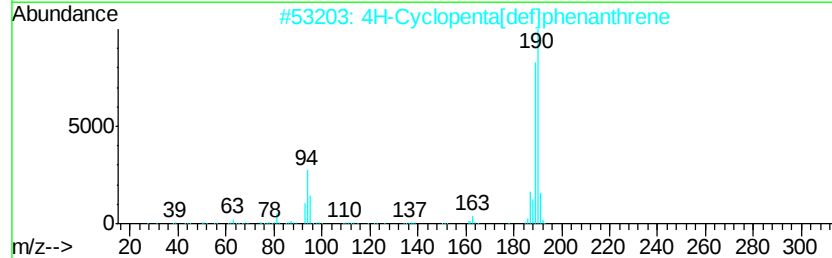
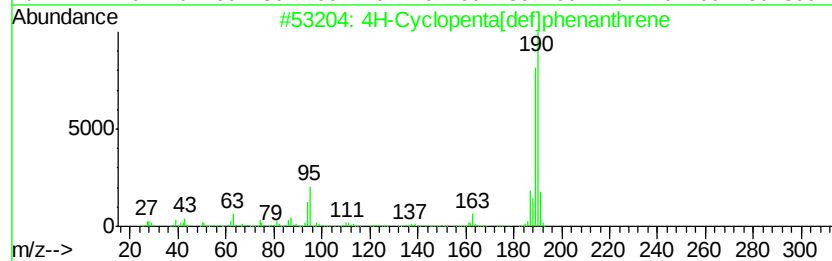
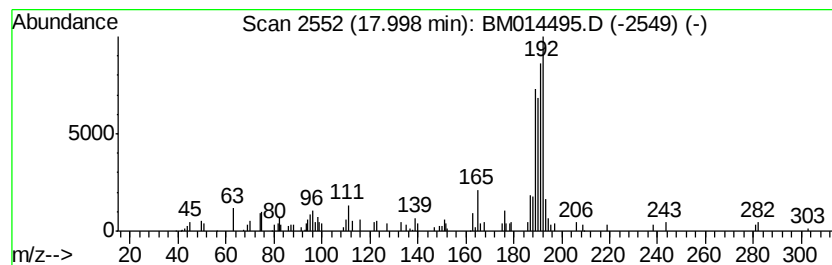
Instrument :
BNA_M
ClientSampleId :
BE5Z0DL

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.00	2.73 ng/ul	166731	Phenanthrene-d10	16.93		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52	
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50	
3	9-(Chloromethyl)anthracene	226	C15H11Cl	024463-19-2	47	
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38	
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27	



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Instrument :
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ClientSampled :
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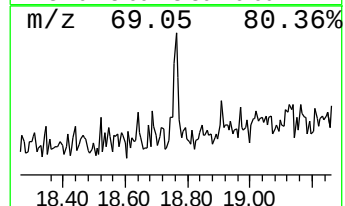
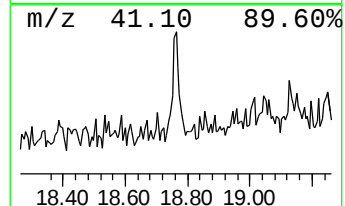
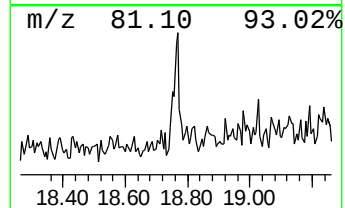
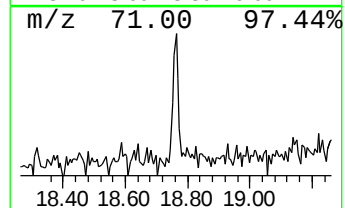
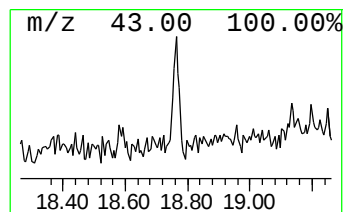
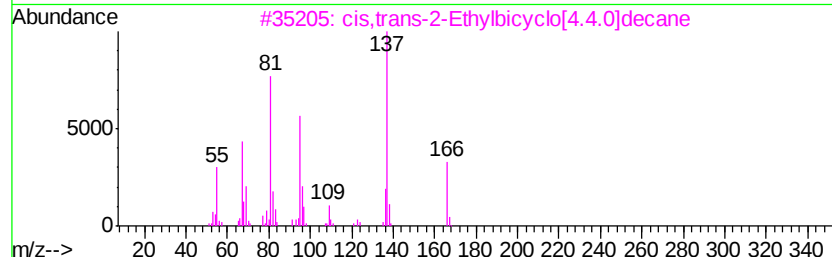
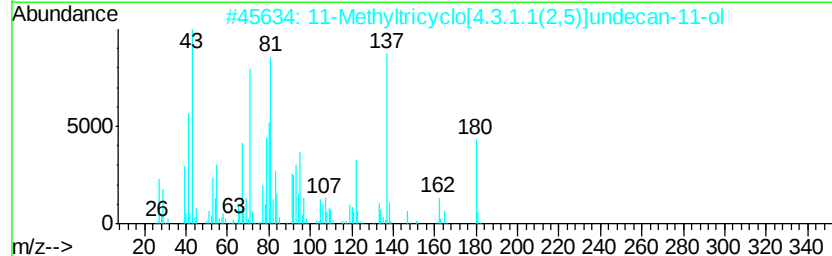
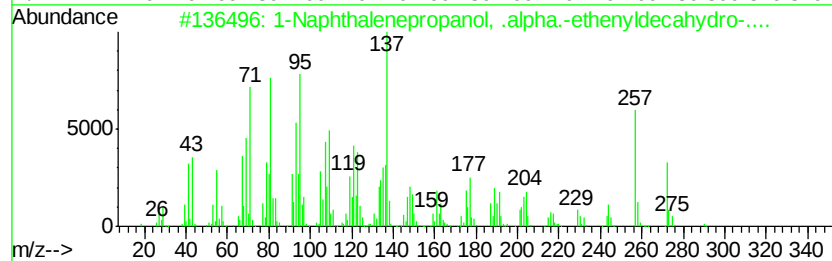
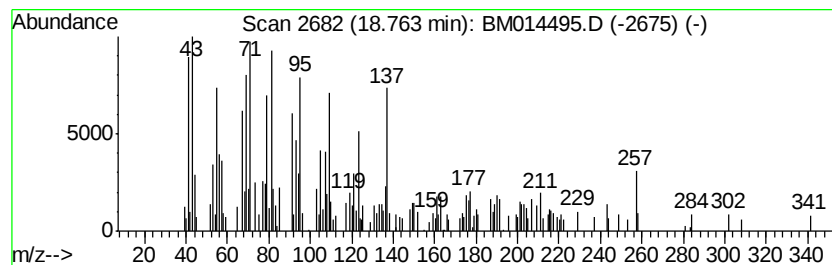
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
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Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	3.79 ng/ul	231087	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	000596-85-0	49
2		11-Methyltricyclo[4.3.1.1(2,5)]u...	180	C12H20O	174226-52-9	45
3		cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	41
4		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	38
5		Piperazine, 1-(2-furanylcarbonyl)-	180	C9H12N2O2	040172-95-0	35



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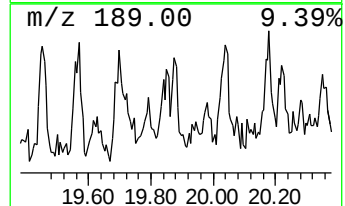
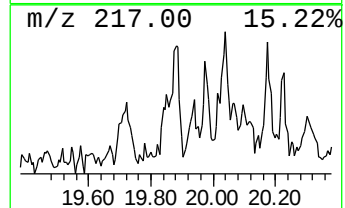
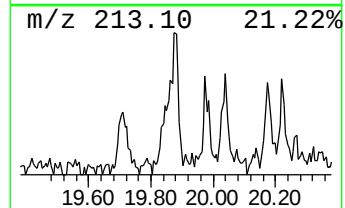
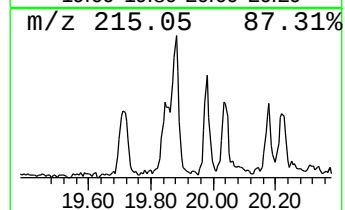
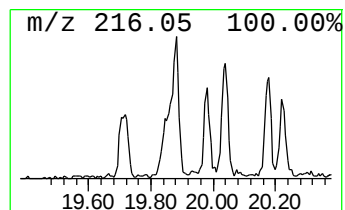
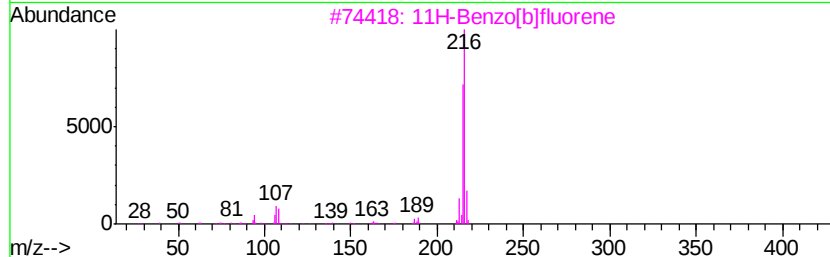
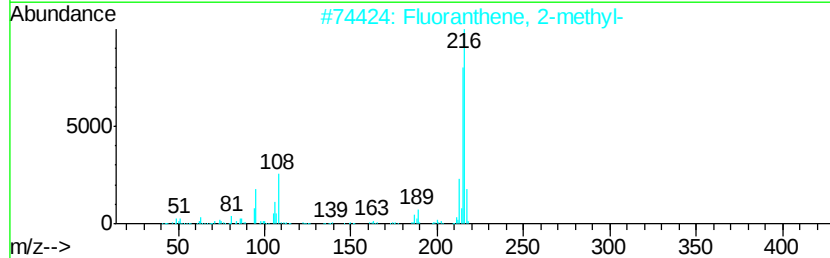
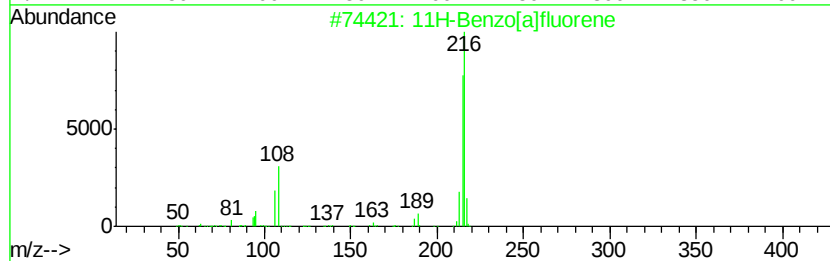
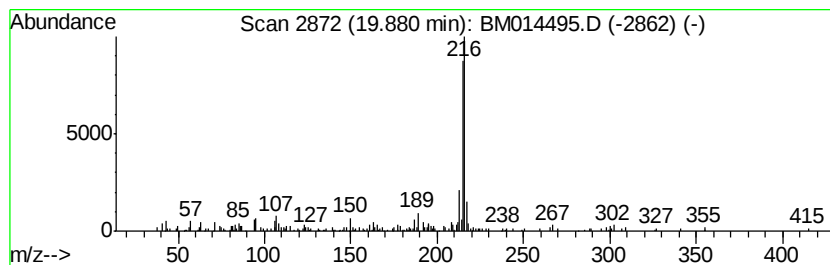
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Peak Number 3 11H-Benzo[a]fluorene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	3.37 ng/ul	328751	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[def...	18.00	2.7	ng/ul	166731	4	16.93	1220700	20.0
unknown-01	18.76	3.8	ng/ul	231087	4	16.93	1220700	20.0
11H-Benzo[a]fluorene	19.88	3.4	ng/ul	328751	5	21.15	1951380	20.0