

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121123\  
 Data File : BP018729.D  
 Acq On : 11 Dec 2023 16:20  
 Operator : MA/JU  
 Sample : 05459-21  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AA9

Quant Time: Dec 11 16:49:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 04 21:39:40 2023  
 Response via : Initial Calibration

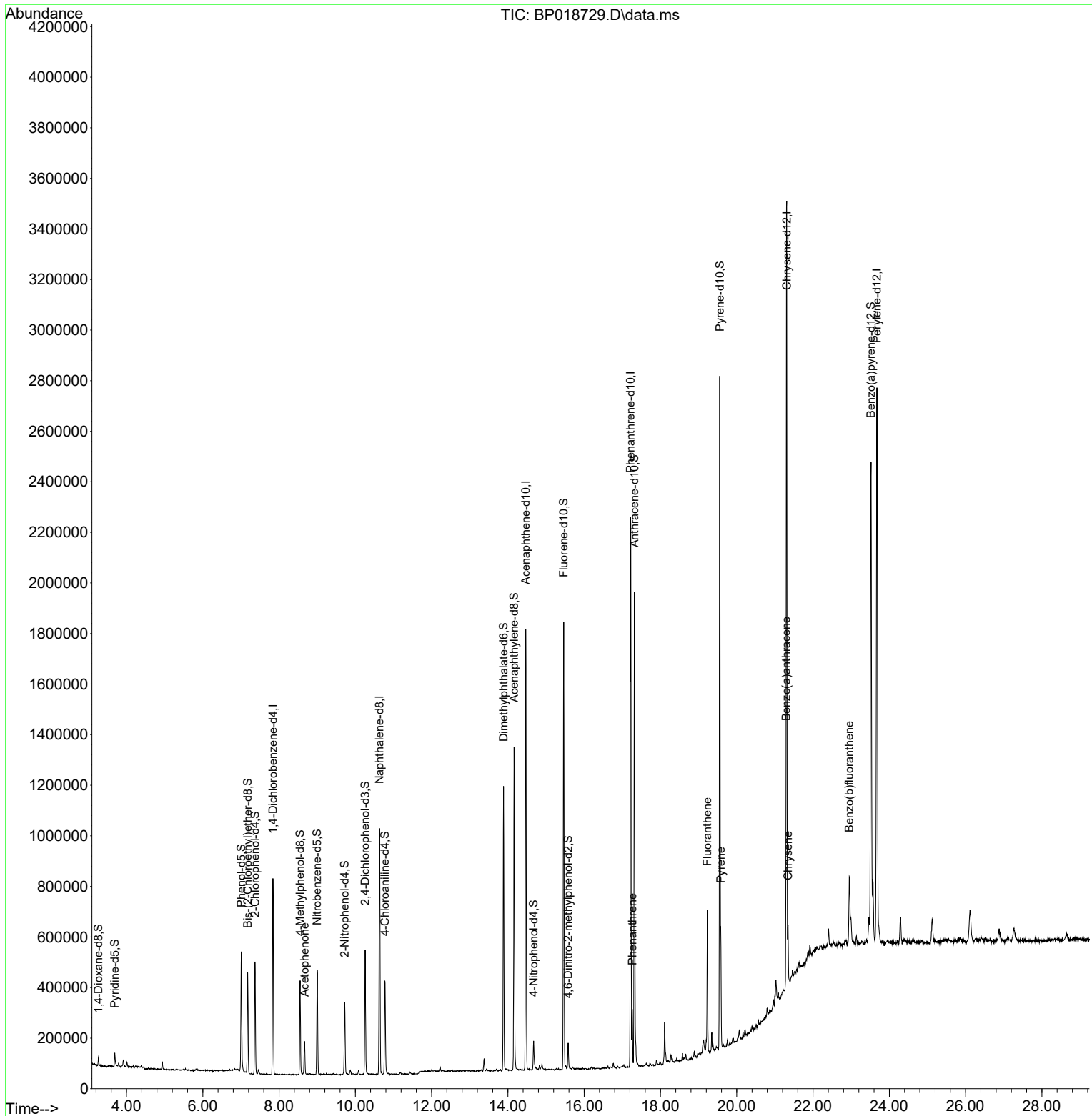
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	213128	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.634	136	801738	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.469	164	591454	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.216	188	1347727	20.000	ng/ul	-0.01
79) Chrysene-d12	21.310	240	1431441	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	1620447	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	13685	2.188	ng/uL	0.00
4) Pyridine-d5	3.693	84	28788	1.718	ng/ul	0.00
7) Phenol-d5	7.011	99	280579	13.118	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.175	67	169758	13.392	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.369	132	199963	11.982	ng/ul	-0.02
15) 4-Methylphenol-d8	8.552	113	136055	7.860	ng/ul	-0.02
21) Nitrobenzene-d5	8.999	128	95407	13.370	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.722	143	92931	12.561	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.258	165	181723	12.013	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.775	131	203149	10.276	ng/ul	-0.02
46) Dimethylphthalate-d6	13.887	166	749071	14.190	ng/ul	-0.02
49) Acenaphthylene-d8	14.163	160	821424	14.132	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.675	143	30845	3.560	ng/ul	-0.01
60) Fluorene-d10	15.463	176	671762	15.161	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.581	200	22945	2.839	ng/ul	-0.01
73) Anthracene-d10	17.316	188	1020574	14.404	ng/ul	-0.01
81) Pyrene-d10	19.557	212	1394829	12.518	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.522	264	1418994	15.018	ng/ul	-0.01
Target Compounds						
16) Acetophenone	8.669	105	73749	2.859	ng/ul	98
72) Phenanthrene	17.263	178	138050	1.696	ng/ul	100
80) Fluoranthene	19.228	202	316597	2.404	ng/ul	100
82) Pyrene	19.581	202	253803	1.910	ng/ul	99
85) Benzo(a)anthracene	21.292	228	138210	1.190	ng/ul	98
87) Chrysene	21.345	228	134884	1.261	ng/ul	98
90) Benzo(b)fluoranthene	22.951	252	156337	1.309	ng/ul#	95

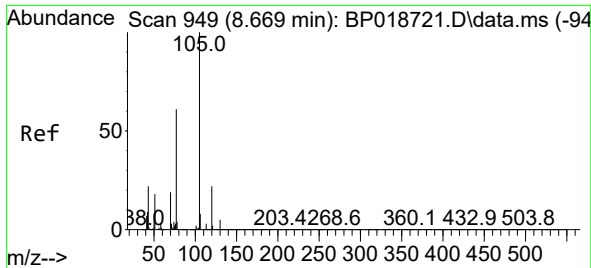
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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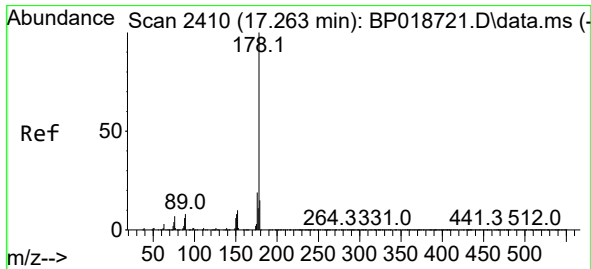
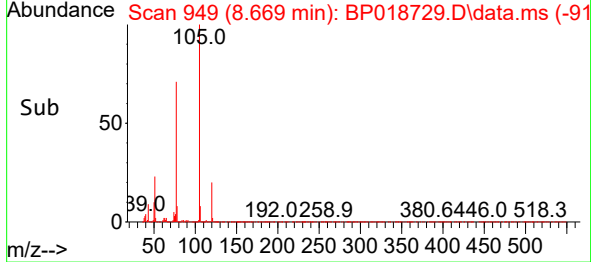
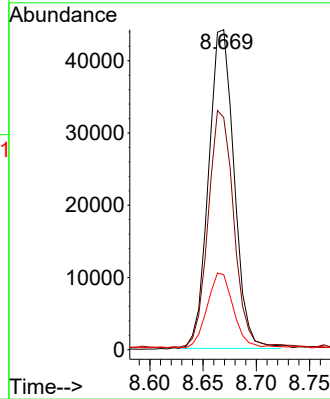
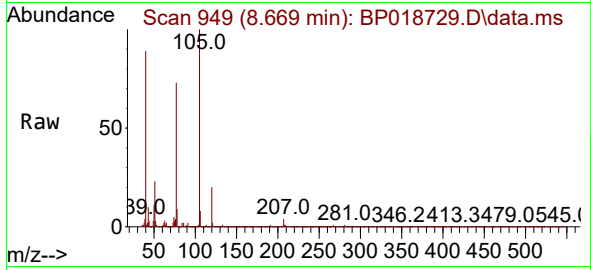




#16  
 Acetophenone  
 Concen: 2.859 ng/u1  
 RT: 8.669 min Scan# 949  
 Delta R.T. -0.012 min  
 Lab File: BP018729.D  
 Acq: 11 Dec 2023 16:20

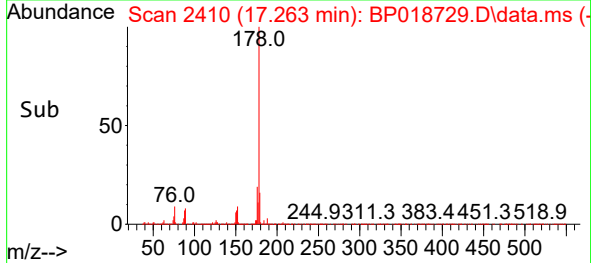
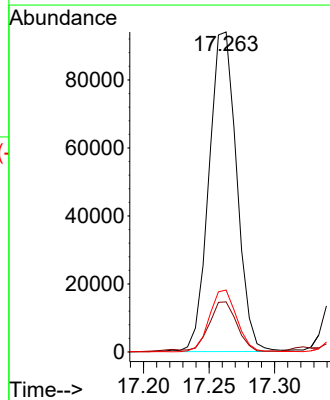
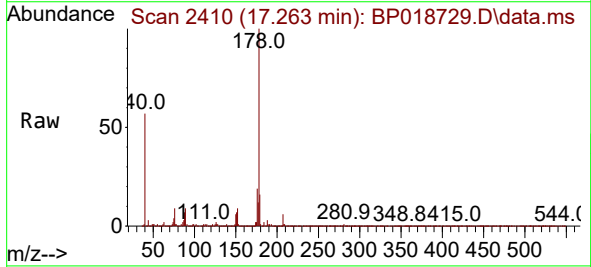
Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AA9

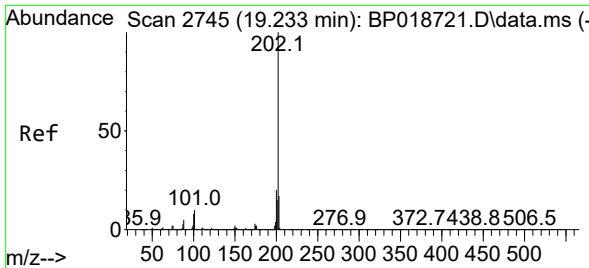
Tgt Ion	Resp	Lower	Upper
105	100		
77	72.6	59.4	89.0
51	23.4	19.4	29.0



#72  
 Phenanthrene  
 Concen: 1.696 ng/u1  
 RT: 17.263 min Scan# 2410  
 Delta R.T. -0.012 min  
 Lab File: BP018729.D  
 Acq: 11 Dec 2023 16:20

Tgt Ion	Resp	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.4	15.4	23.2



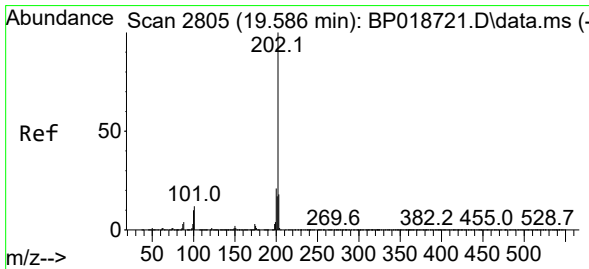
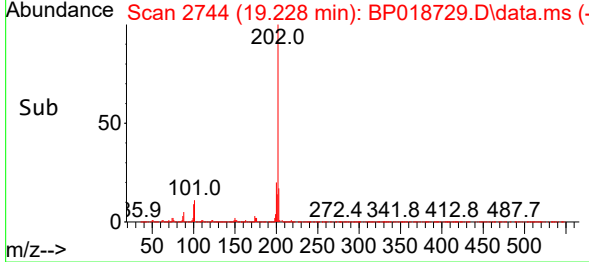
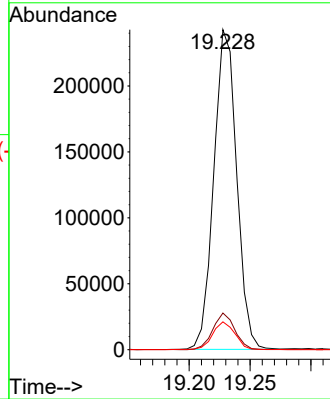
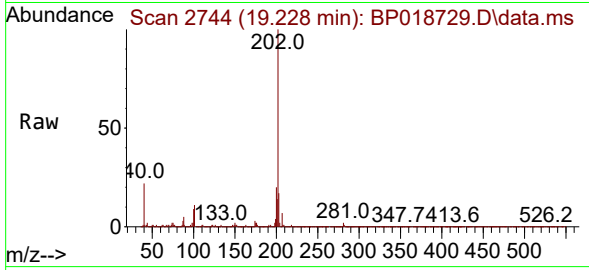


#80  
 Fluoranthene  
 Concen: 2.404 ng/uI  
 RT: 19.228 min Scan# 2744  
 Delta R.T. -0.012 min  
 Lab File: BP018729.D  
 Acq: 11 Dec 2023 16:20

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AA9

Tgt Ion:202 Resp: 316597

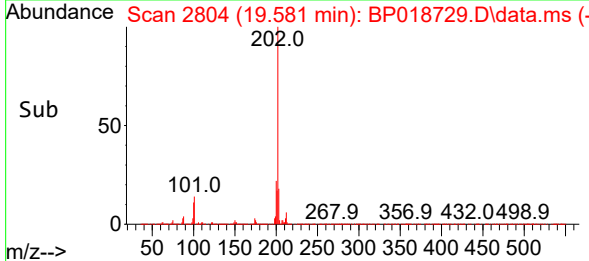
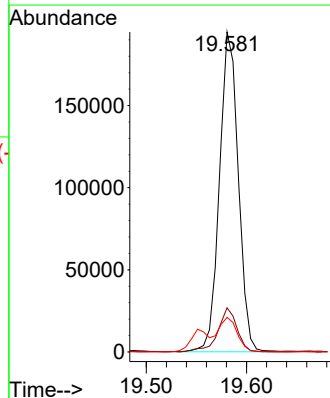
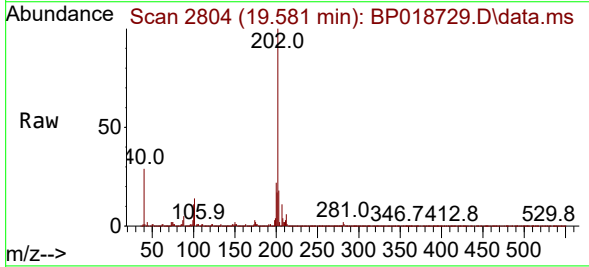
Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.1	13.7
100	8.7	7.1	10.7

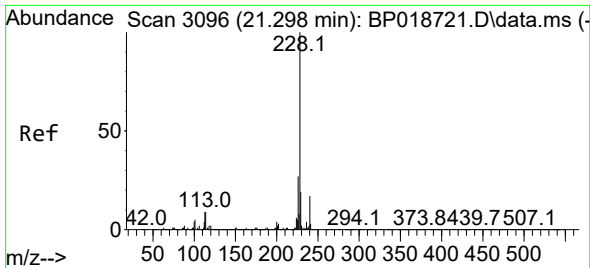


#82  
 Pyrene  
 Concen: 1.910 ng/uI  
 RT: 19.581 min Scan# 2804  
 Delta R.T. -0.012 min  
 Lab File: BP018729.D  
 Acq: 11 Dec 2023 16:20

Tgt Ion:202 Resp: 253803

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.0	16.4
100	10.8	9.1	13.7



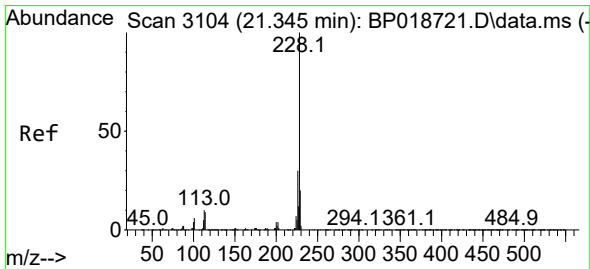
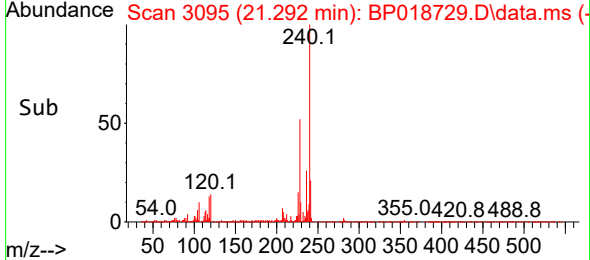
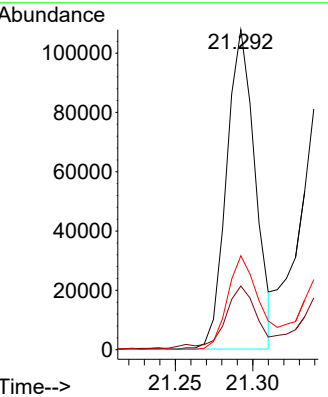
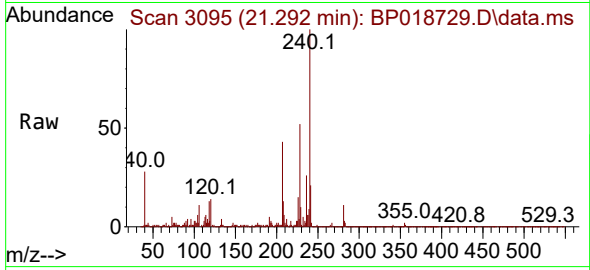


#85  
 Benzo(a)anthracene  
 Concen: 1.190 ng/u1  
 RT: 21.292 min Scan# 3095  
 Delta R.T. -0.012 min  
 Lab File: BP018729.D  
 Acq: 11 Dec 2023 16:20

Instrument : BNA\_P  
 ClientSampleId : C0AA9

Tgt Ion:228 Resp: 138210

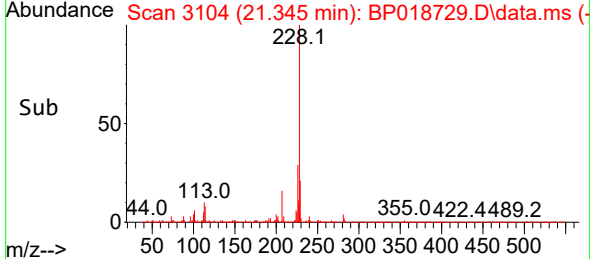
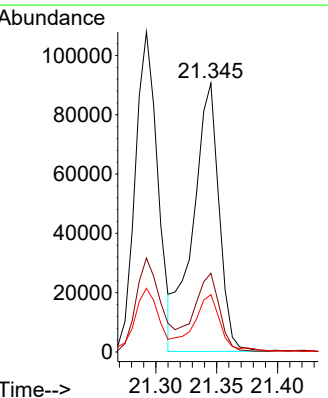
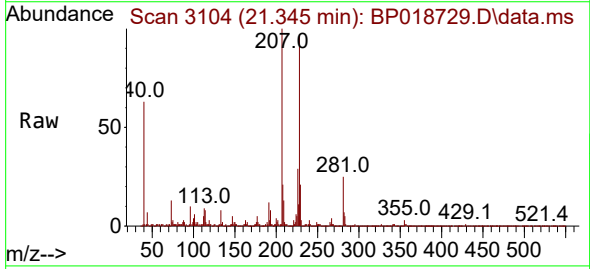
Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.7	23.5
226	29.4	21.9	32.9

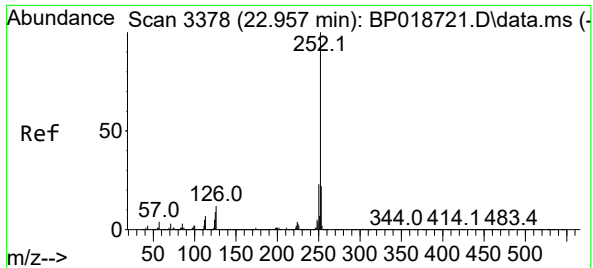


#87  
 Chrysene  
 Concen: 1.261 ng/u1  
 RT: 21.345 min Scan# 3104  
 Delta R.T. -0.006 min  
 Lab File: BP018729.D  
 Acq: 11 Dec 2023 16:20

Tgt Ion:228 Resp: 134884

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.9	35.9
229	21.3	15.6	23.4





#90  
 Benzo(b)fluoranthene  
 Concen: 1.309 ng/ul  
 RT: 22.951 min Scan# 31  
 Delta R.T. -0.012 min  
 Lab File: BP018729.D  
 Acq: 11 Dec 2023 16:20

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AA9

Tgt Ion:252 Resp: 156337

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	12.2	7.8	11.6#

