

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
 Data File : BP006320.D
 Acq On : 24 Jul 2021 23:38
 Operator : CG/JU
 Sample : M2973-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGEC7

Manual Integrations
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Quant Time: Jul 26 01:04:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 04:29:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	292189	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1247079	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	719235	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1395655	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1318334	20.000	ng/u1	0.00
88) Perylene-d12	23.610	264	1342125	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	17814	2.276	ng/uL	0.01
4) Pyridine-d5	3.717	84	161334	6.943	ng/u1	0.01
7) Phenol-d5	6.964	99	276837	10.088	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	199624	11.691	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	228118	11.189	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	228072	10.568	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	107822	11.612	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	100564	11.342	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	173953	10.012	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	279501	9.772	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	639763	12.498	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	665133	10.576	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	75163	7.395	ng/u1	0.00
60) Fluorene-d10	15.410	176	526338	12.231	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	57619	7.406	ng/u1	-0.01
73) Anthracene-d10	17.263	188	747194	11.860	ng/u1	0.00
81) Pyrene-d10	19.504	212	583326	8.603	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.451	264	308738	4.527	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	275212	3.672	ng/u1	100
74) Anthracene	17.298	178	115218	1.516	ng/u1	98
80) Fluoranthene	19.181	202	511772	6.125	ng/u1	99
82) Pyrene	19.533	202	241178	2.782	ng/u1	98
85) Benzo(a)anthracene	21.245	228	254783	3.119	ng/u1	98
87) Chrysene	21.298	228	198442	2.534	ng/u1	99
90) Benzo(b)fluoranthene	22.898	252	207820	2.438	ng/u1#	95
91) Benzo(k)fluoranthene	22.933	252	91141m	1.126	ng/u1	

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

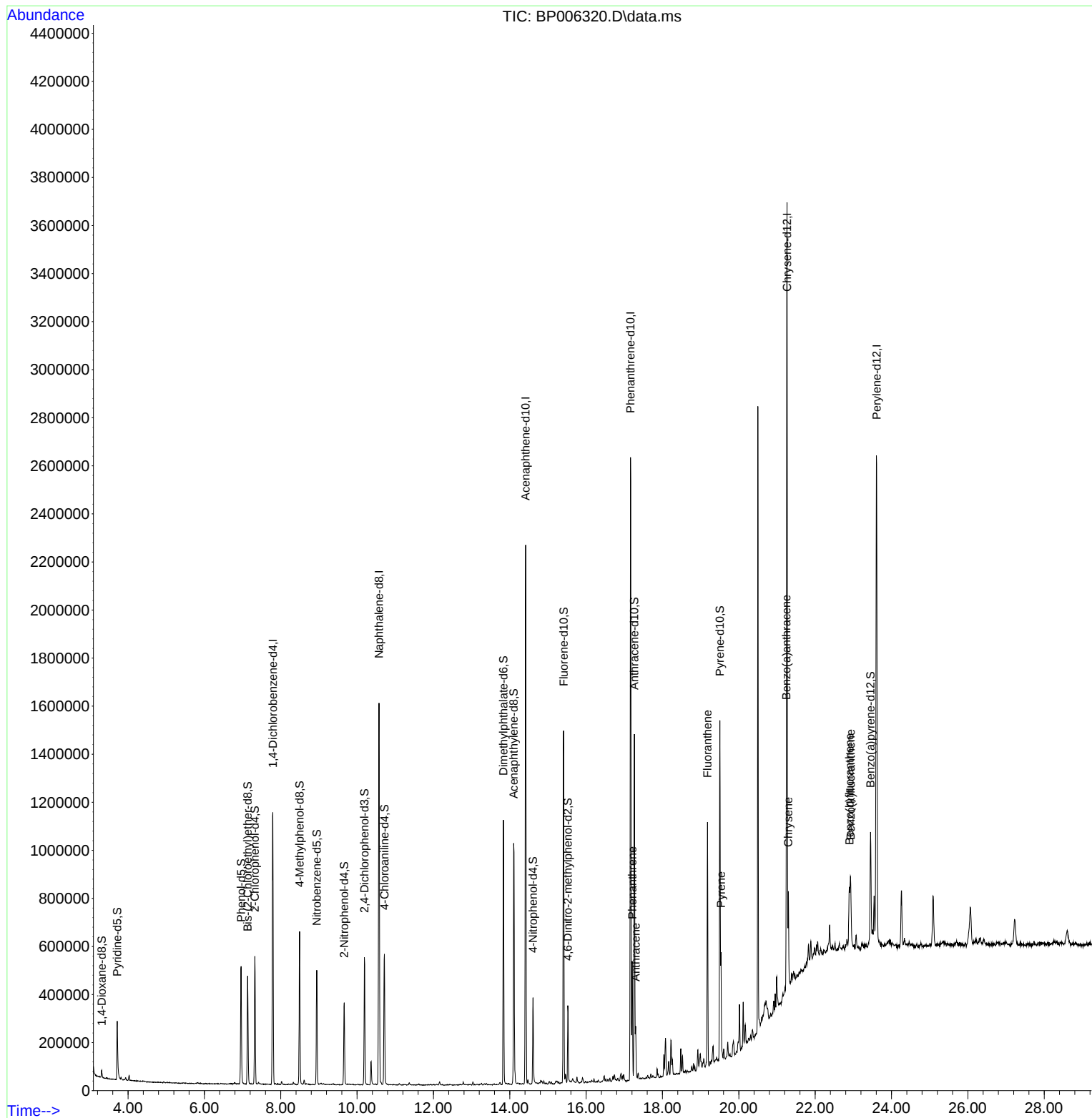
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
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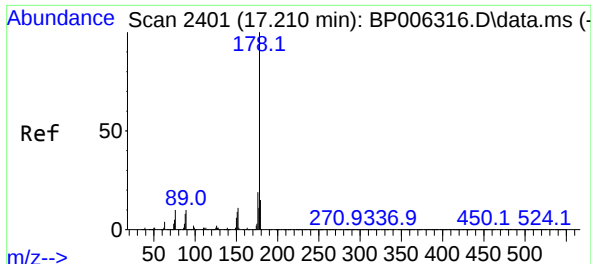
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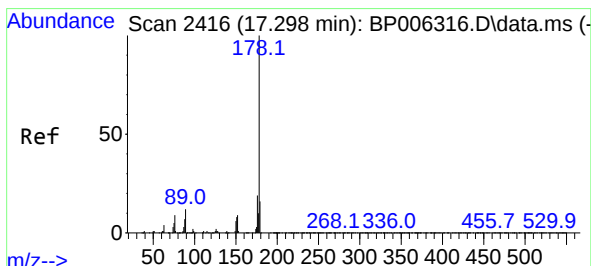
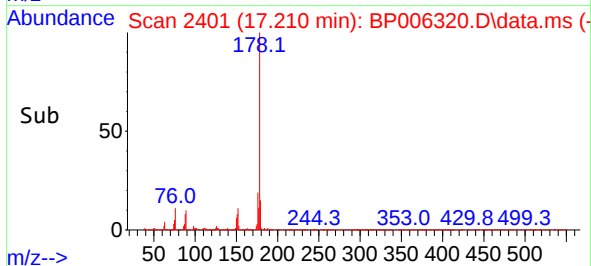
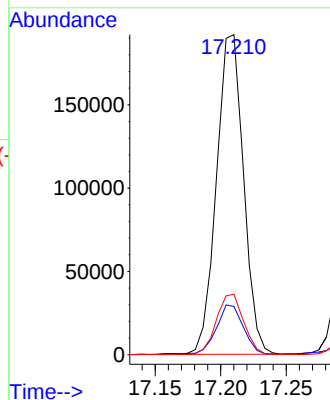
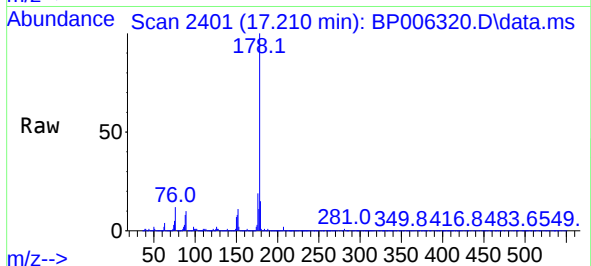
#72
Phenanthrene
Concen: 3.672 ng/ul
RT: 17.210 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP006320.D
Acq: 24 Jul 2021 23:38

Tgt Ion:178 Resp: 275212
Ion Ratio Lower Upper
178 100
179 15.0 12.0 18.0
176 18.9 15.0 22.6

Instrument :
BNA_P
ClientSampled :
BGEC7

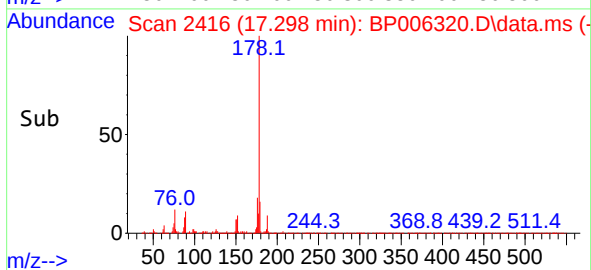
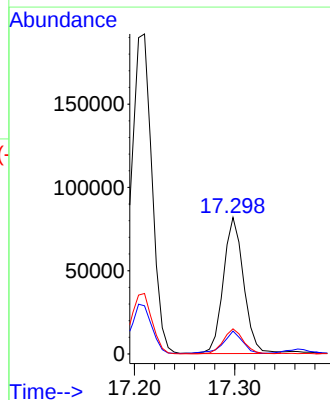
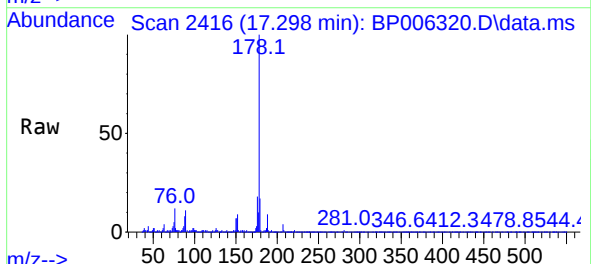
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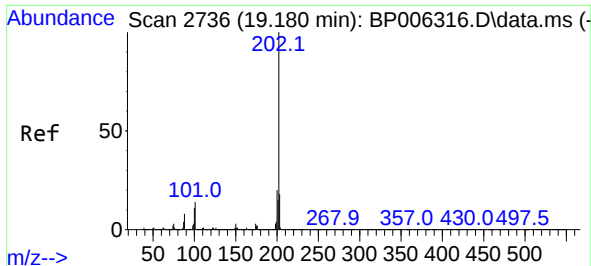
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#74
Anthracene
Concen: 1.516 ng/ul
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP006320.D
Acq: 24 Jul 2021 23:38

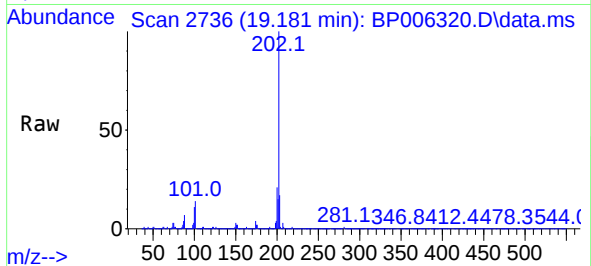
Tgt Ion:178 Resp: 115218
Ion Ratio Lower Upper
178 100
179 16.8 12.2 18.4
176 18.5 14.8 22.2





#80
Fluoranthene
Concen: 6.125 ng/u1
RT: 19.181 min Scan# 2736
Delta R.T. -0.006 min
Lab File: BP006320.D
Acq: 24 Jul 2021 23:38

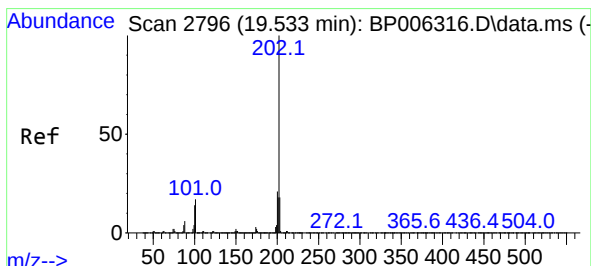
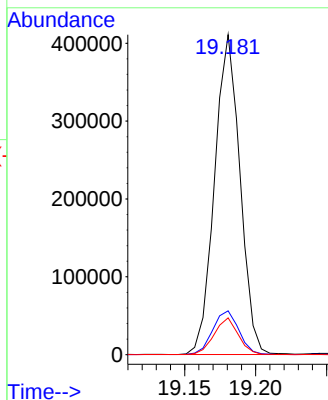
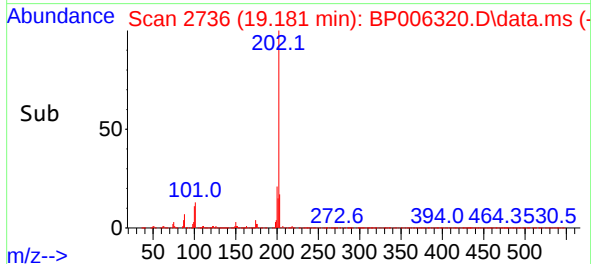
Instrument :
BNA_P
ClientSampled :
BGEC7



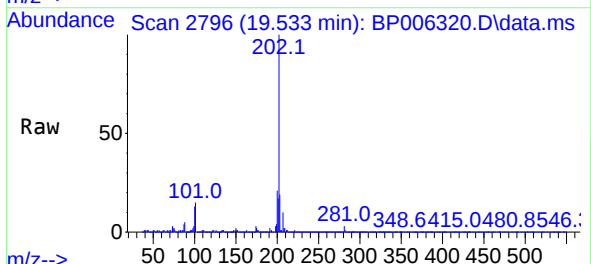
Tgt Ion:202 Resp: 511772
Ion Ratio Lower Upper
202 100
101 13.7 11.0 16.6
100 11.5 8.8 13.2

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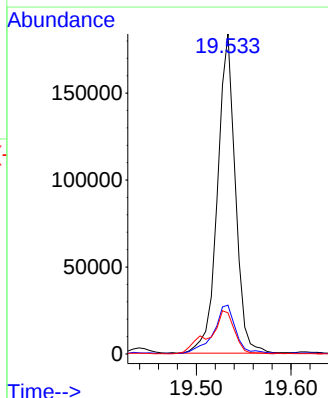
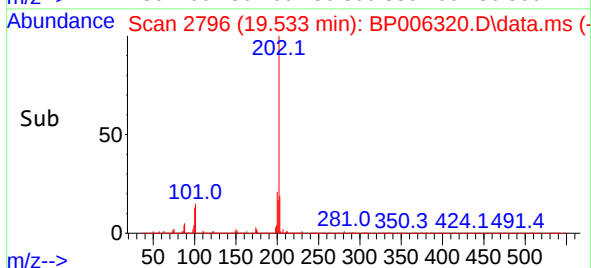
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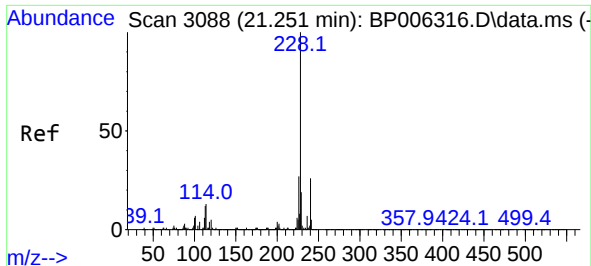


#82
Pyrene
Concen: 2.782 ng/u1
RT: 19.533 min Scan# 2796
Delta R.T. -0.006 min
Lab File: BP006320.D
Acq: 24 Jul 2021 23:38

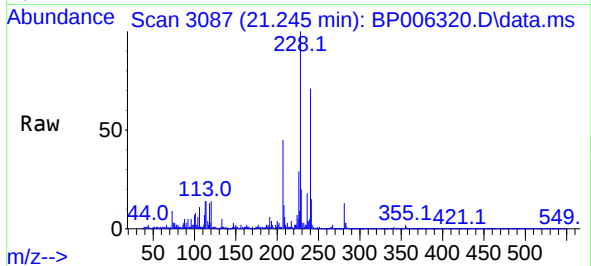


Tgt Ion:202 Resp: 241178
Ion Ratio Lower Upper
202 100
101 15.2 13.0 19.4
100 12.8 11.0 16.4

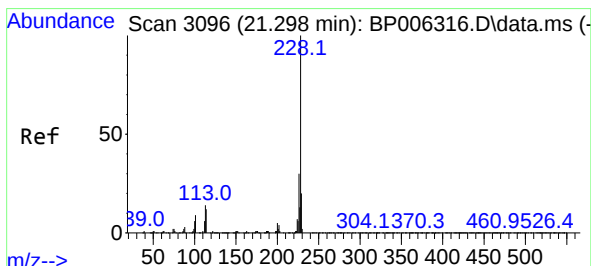
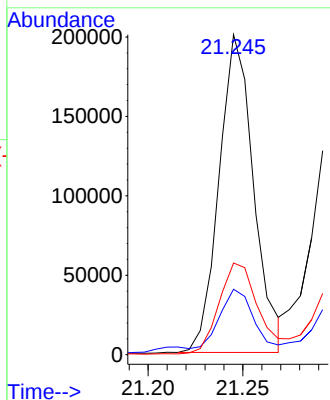
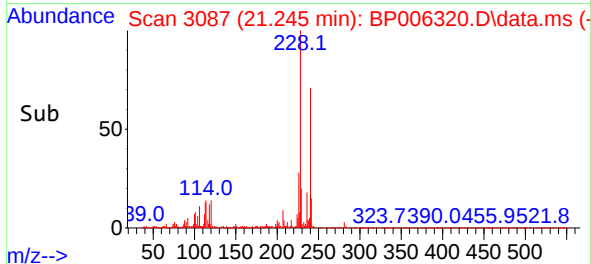




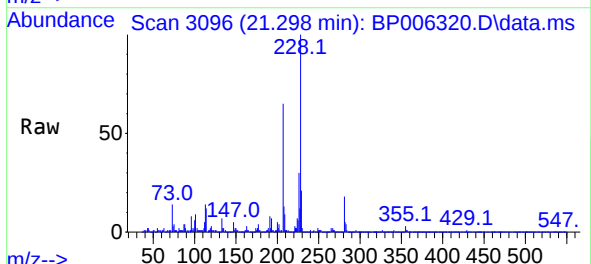
#85
Benzo(a)anthracene
Concen: 3.119 ng/u1
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP006320.D
Acq: 24 Jul 2021 23:38



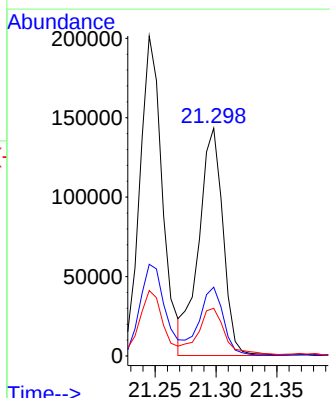
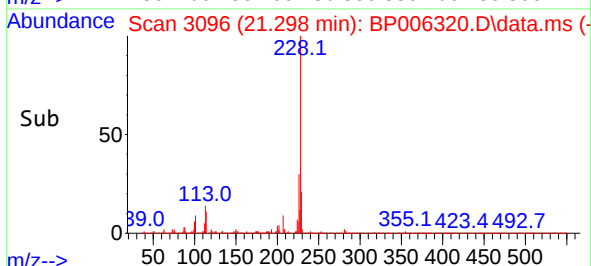
Tgt Ion:228 Resp: 254783
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 28.7 21.6 32.4



#87
Chrysene
Concen: 2.534 ng/u1
RT: 21.298 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BP006320.D
Acq: 24 Jul 2021 23:38



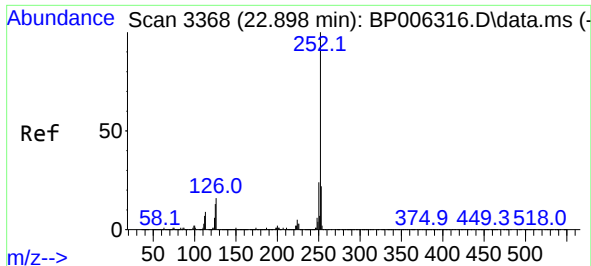
Tgt Ion:228 Resp: 198442
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 20.9 15.8 23.6



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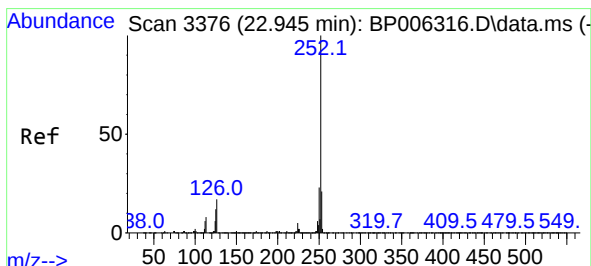
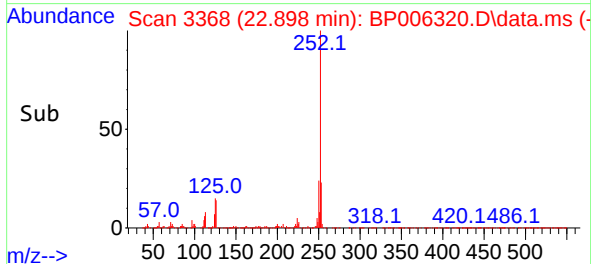
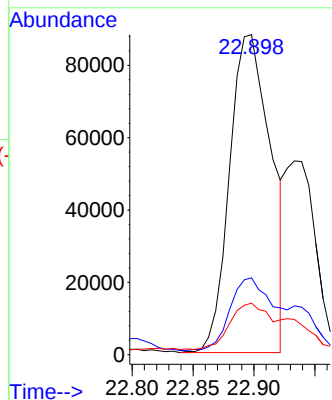
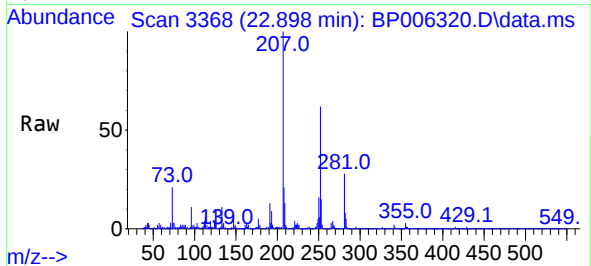
#90
Benzo(b)fluoranthene
Concen: 2.438 ng/ul
RT: 22.898 min Scan# 3368
Delta R.T. 0.000 min
Lab File: BP006320.D
Acq: 24 Jul 2021 23:38

Tgt Ion:252 Resp: 207820
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 16.1 10.6 16.0#

Instrument :
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#91
Benzo(k)fluoranthene
Concen: 1.126 ng/ul m
RT: 22.933 min Scan# 3374
Delta R.T. -0.018 min
Lab File: BP006320.D
Acq: 24 Jul 2021 23:38

Tgt Ion:252 Resp: 91141
Ion Ratio Lower Upper
252 100
253 25.2 17.5 26.3
125 18.1 10.3 15.5#

