

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
 Data File : BP006588.D
 Acq On : 08 Aug 2021 03:29
 Operator : CG/JU
 Sample : M3169-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00B3

Manual Integrations
 APPROVED

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 8/9/2021 12:17:07 PM

Quant Time: Aug 08 05:53:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 08 03:08:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	208771	20.000	ng/u1	0.00
20) Naphthalene-d8	10.528	136	897947	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.375	164	492823	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	951192	20.000	ng/u1	0.00
79) Chrysene-d12	21.227	240	884782	20.000	ng/u1	0.00
88) Perylene-d12	23.551	264	914458	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	17525	3.133	ng/uL	0.01
4) Pyridine-d5	3.687	84	169123	10.186	ng/u1	0.01
7) Phenol-d5	6.928	99	458294	23.373	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	312548	25.619	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	364119	24.996	ng/u1	0.00
15) 4-Methylphenol-d8	8.458	113	310874	20.161	ng/u1	0.00
21) Nitrobenzene-d5	8.905	128	188677	28.219	ng/u1	0.00
24) 2-Nitrophenol-d4	9.622	143	194503	30.467	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	313701	25.076	ng/u1	0.00
31) 4-Chloroaniline-d4	10.675	131	434654	21.104	ng/u1	0.00
46) Dimethylphthalate-d6	13.798	166	1030075	29.368	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	1239558	28.765	ng/u1	0.00
54) 4-Nitrophenol-d4	14.587	143	147389	21.163	ng/u1	0.00
60) Fluorene-d10	15.375	176	846942	28.723	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	101896	19.216	ng/u1	0.00
73) Anthracene-d10	17.228	188	1242043	28.926	ng/u1	0.00
81) Pyrene-d10	19.469	212	1377074	30.260	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.404	264	1354006	29.137	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.169	178	283740	5.555	ng/u1	100
74) Anthracene	17.263	178	60521	1.169	ng/u1	97
80) Fluoranthene	19.145	202	649557	11.584	ng/u1	100
82) Pyrene	19.498	202	532557	9.152	ng/u1	98
85) Benzo(a)anthracene	21.210	228	315079	5.747	ng/u1	95
87) Chrysene	21.263	228	316353	6.020	ng/u1	97
90) Benzo(b)fluoranthene	22.845	252	448177	7.716	ng/u1	96
91) Benzo(k)fluoranthene	22.886	252	155716m	2.825	ng/u1	
93) Benzo(a)pyrene	23.445	252	263554	5.191	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	25.939	276	206439	3.176	ng/u1	97

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

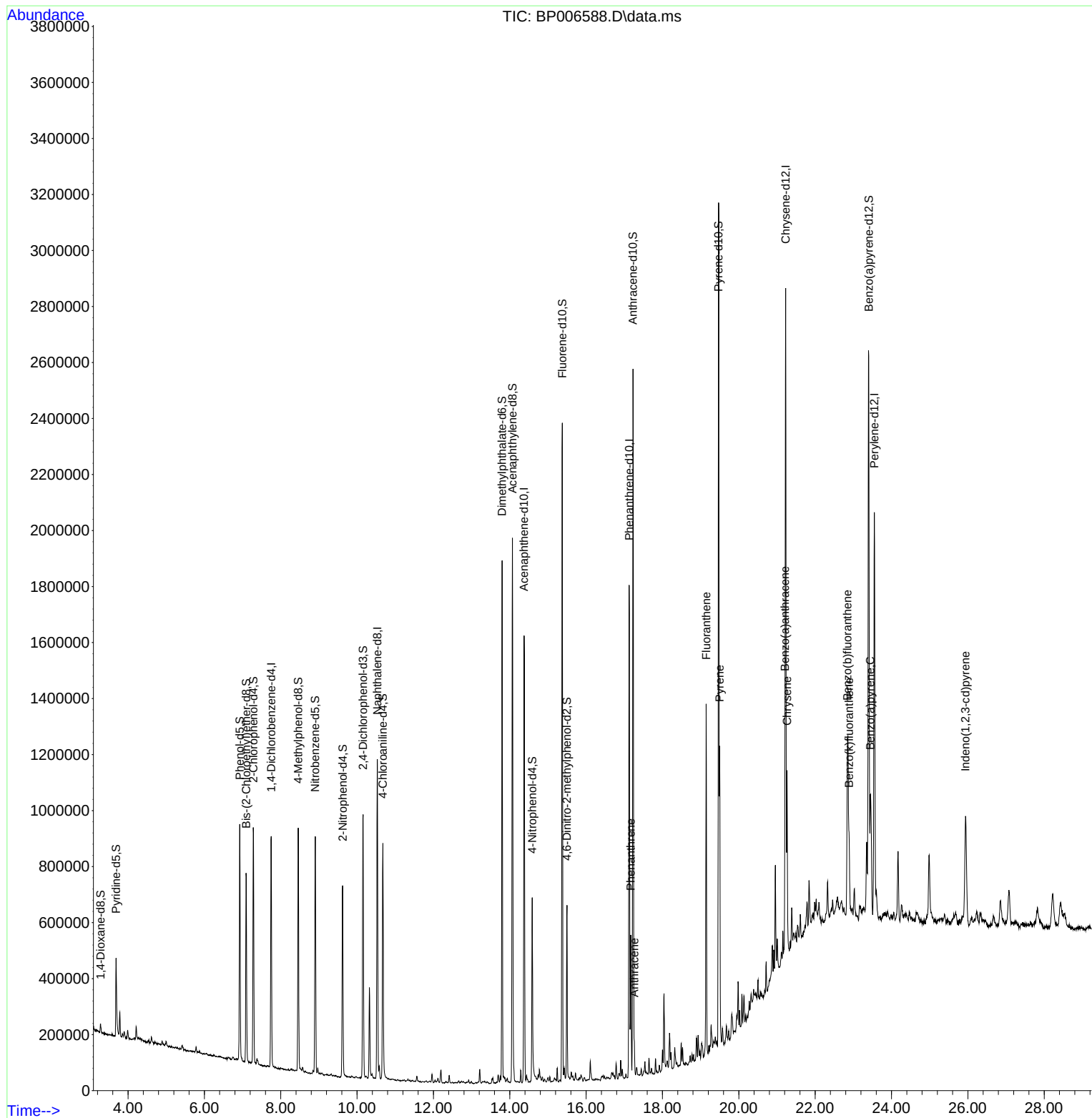
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
Data File : BP006588.D
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ALS Vial : 30 Sample Multiplier: 1

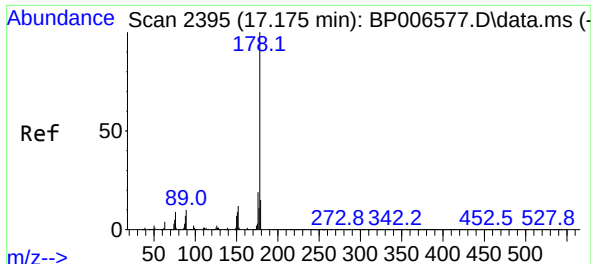
Instrument :
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ClientSampleId :
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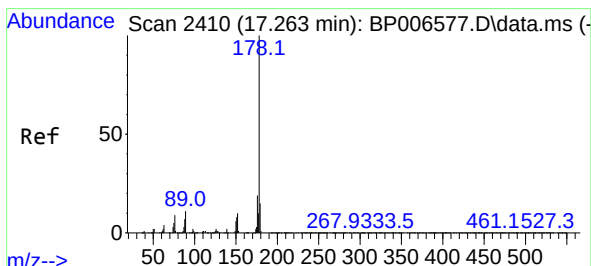
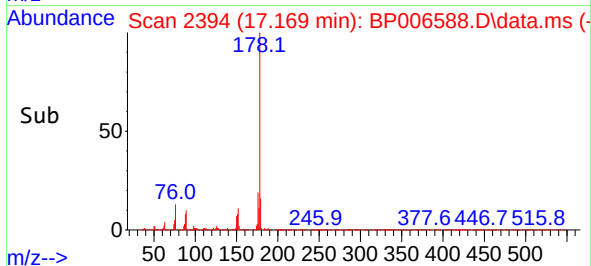
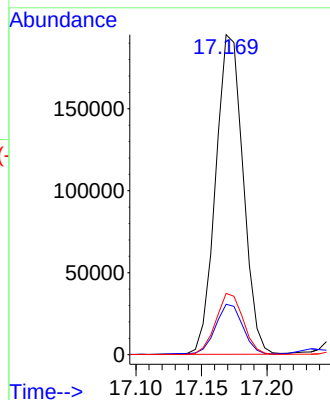
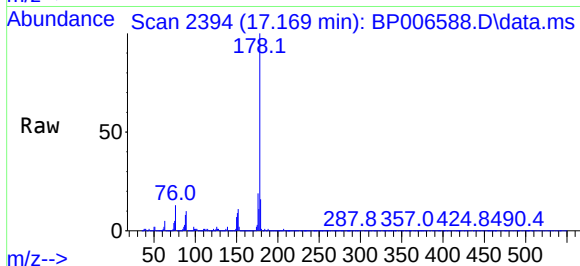
#72
Phenanthrene
Concen: 5.555 ng/u1
RT: 17.169 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BP006588.D
Acq: 08 Aug 2021 03:29

Tgt Ion:178 Resp: 283740
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.2 15.2 22.8

Instrument :
BNA_P
ClientSampled :
C00B3

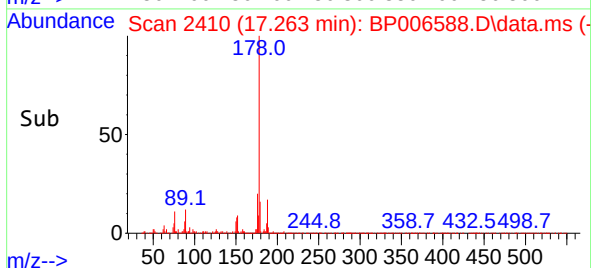
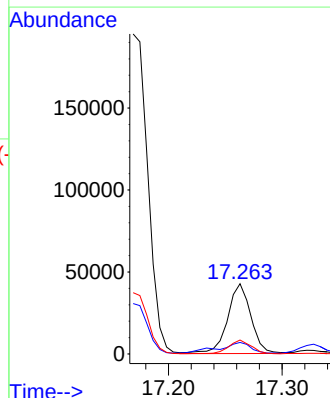
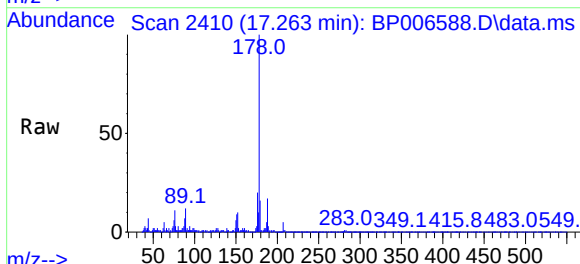
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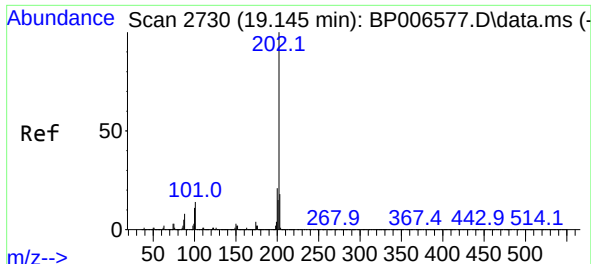
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#74
Anthracene
Concen: 1.169 ng/u1
RT: 17.263 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP006588.D
Acq: 08 Aug 2021 03:29

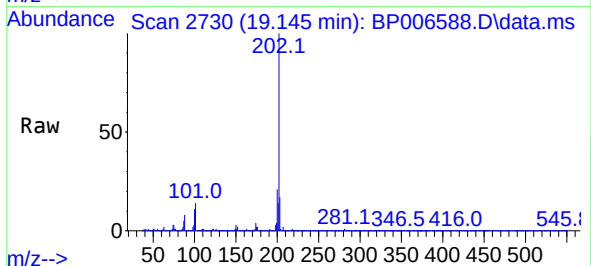
Tgt Ion:178 Resp: 60521
Ion Ratio Lower Upper
178 100
179 16.5 12.0 18.0
176 19.8 14.7 22.1





#80
Fluoranthene
Concen: 11.584 ng/ul
RT: 19.145 min Scan# 2730
Delta R.T. -0.006 min
Lab File: BP006588.D
Acq: 08 Aug 2021 03:29

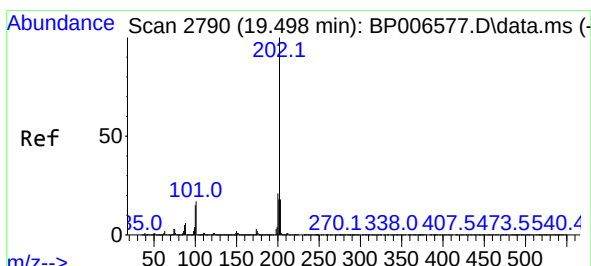
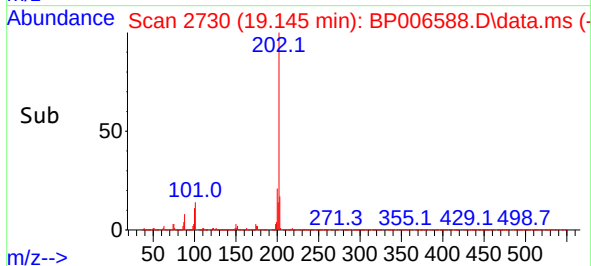
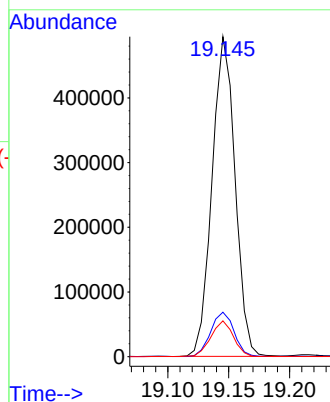
Instrument :
BNA_P
ClientSampled :
C00B3



Tgt Ion:202 Resp: 649557
Ion Ratio Lower Upper
202 100
101 13.9 11.2 16.8
100 11.2 8.7 13.1

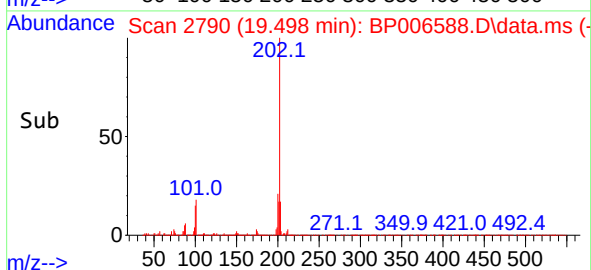
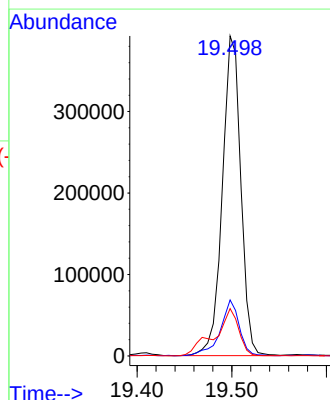
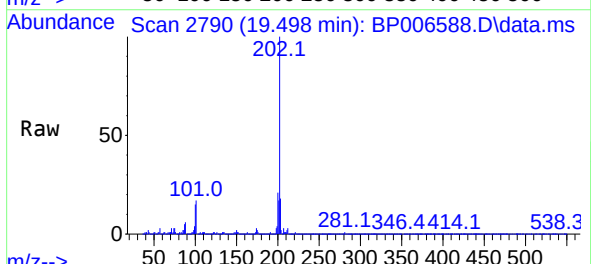
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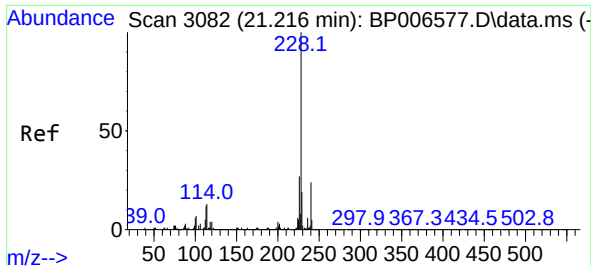
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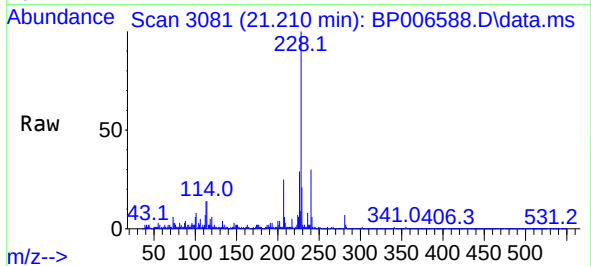
#82
Pyrene
Concen: 9.152 ng/ul
RT: 19.498 min Scan# 2790
Delta R.T. -0.006 min
Lab File: BP006588.D
Acq: 08 Aug 2021 03:29

Tgt Ion:202 Resp: 532557
Ion Ratio Lower Upper
202 100
101 17.5 13.0 19.6
100 14.8 11.4 17.0





#85
Benzo(a)anthracene
Concen: 5.747 ng/uI
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP006588.D
Acq: 08 Aug 2021 03:29

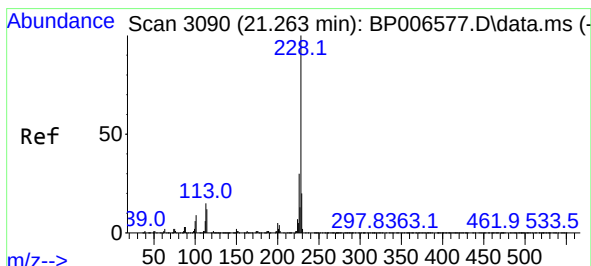
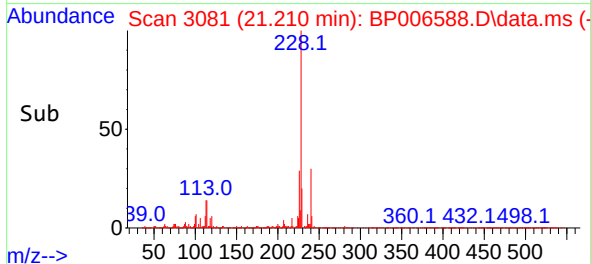
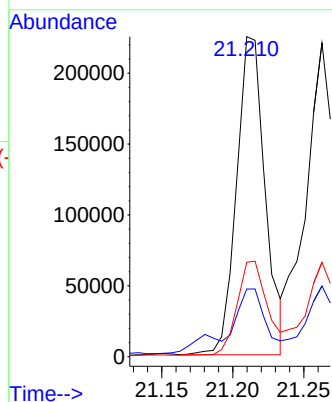


Tgt Ion:228 Resp: 315079
Ion Ratio Lower Upper
228 100
229 21.2 15.6 23.4
226 29.5 21.2 31.8

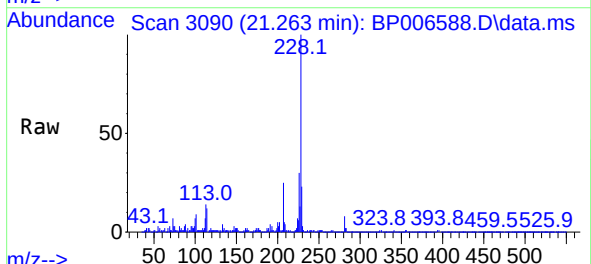
Instrument :
BNA_P
ClientSampled :
C00B3

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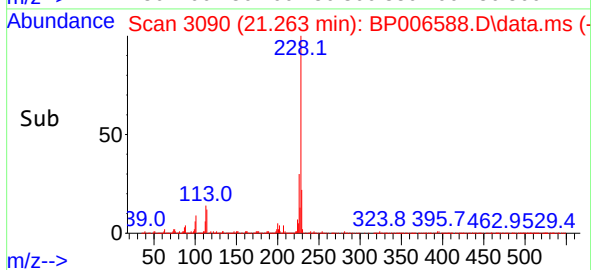
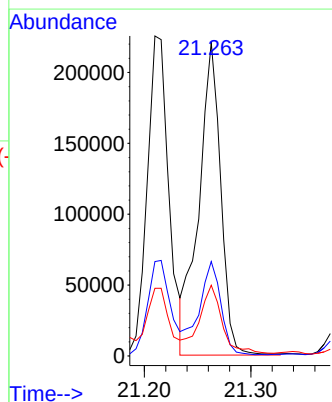
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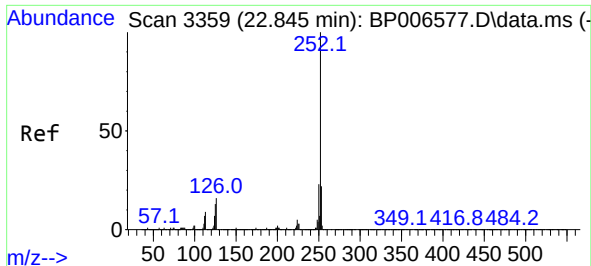


#87
Chrysene
Concen: 6.020 ng/uI
RT: 21.263 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP006588.D
Acq: 08 Aug 2021 03:29



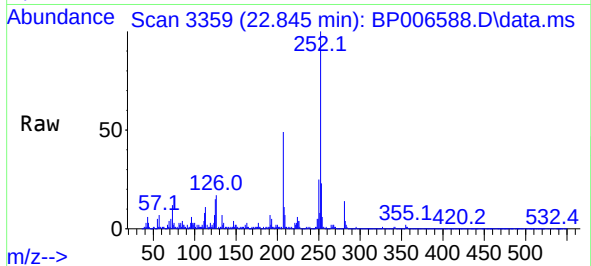
Tgt Ion:228 Resp: 316353
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 22.6 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 7.716 ng/ul
RT: 22.845 min Scan# 3359
Delta R.T. -0.006 min
Lab File: BP006588.D
Acq: 08 Aug 2021 03:29

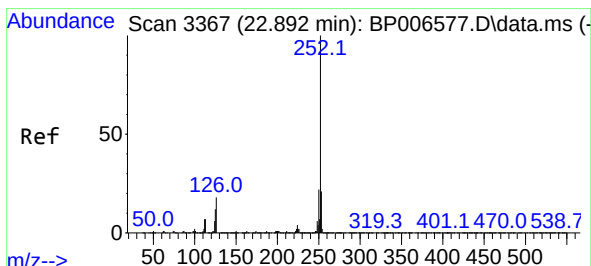
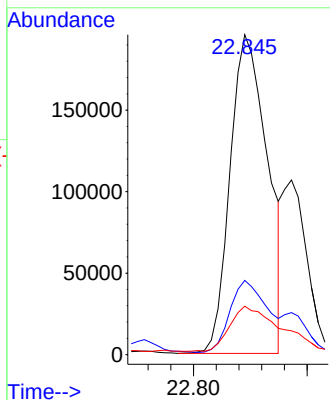
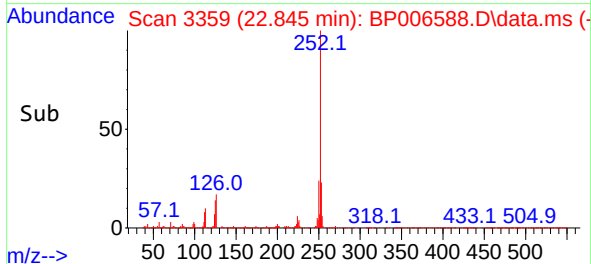
Instrument :
BNA_P
ClientSampled :
C00B3



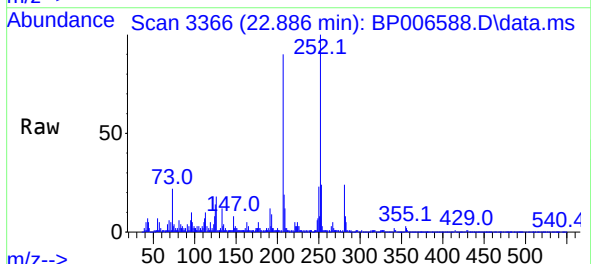
Tgt Ion:252 Resp: 448177
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 15.2 10.6 15.8

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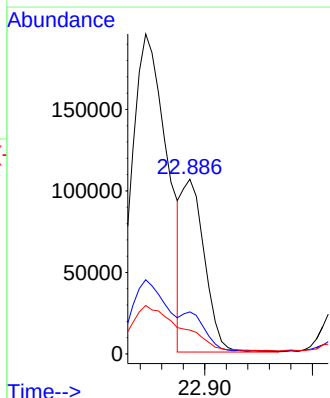
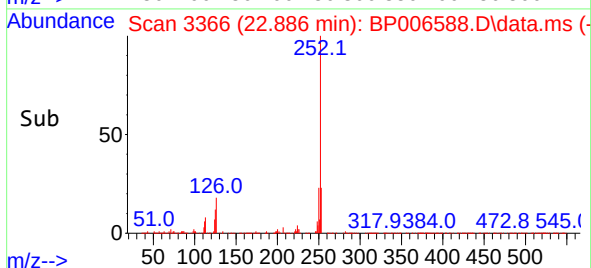
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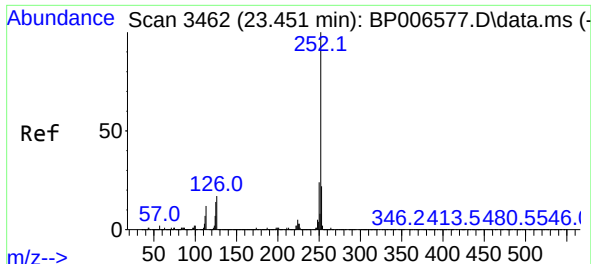


#91
Benzo(k)fluoranthene
Concen: 2.825 ng/ul m
RT: 22.886 min Scan# 3366
Delta R.T. -0.012 min
Lab File: BP006588.D
Acq: 08 Aug 2021 03:29



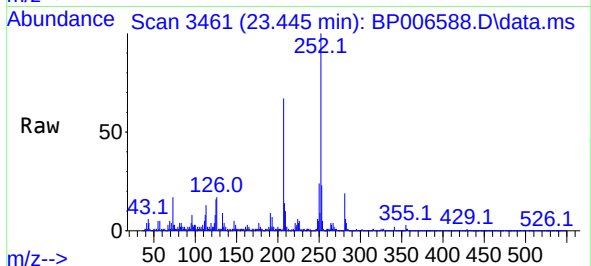
Tgt Ion:252 Resp: 155716
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 13.7 9.6 14.4





#93
Benzo(a)pyrene
Concen: 5.191 ng/ul
RT: 23.445 min Scan# 3461
Delta R.T. -0.012 min
Lab File: BP006588.D
Acq: 08 Aug 2021 03:29

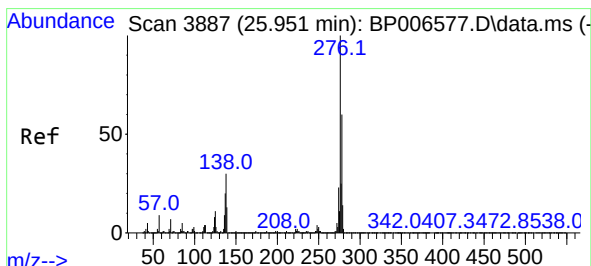
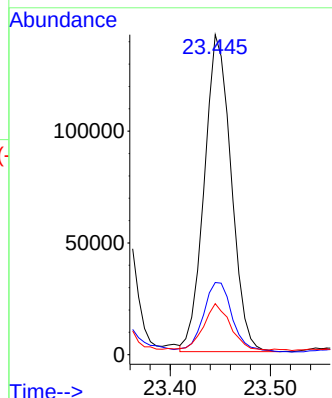
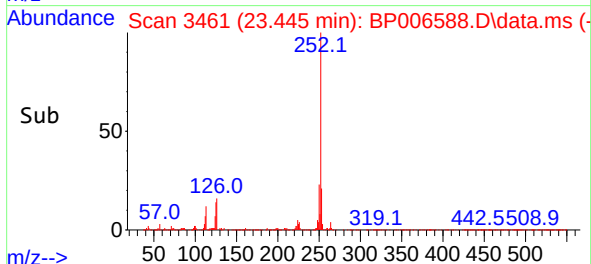
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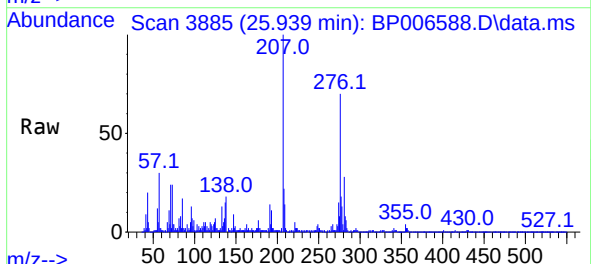
Tgt Ion: 252 Resp: 263554
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 16.0 11.6 17.4

Manual Integrations
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#94
Indeno(1,2,3-cd)pyrene
Concen: 3.176 ng/ul
RT: 25.939 min Scan# 3885
Delta R.T. -0.024 min
Lab File: BP006588.D
Acq: 08 Aug 2021 03:29



Tgt Ion: 276 Resp: 206439
Ion Ratio Lower Upper
276 100
138 26.2 22.9 34.3
277 25.9 20.0 30.0

