

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021155.D
 Acq On : 25 Jul 2024 20:16
 Operator : MA/JU
 Sample : P3263-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BD7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 25 23:39:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	210451	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	807494	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.298	164	482402	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.110	188	923909	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	857582	20.000	ng/u1	0.00
88) Perylene-d12	24.880	264	1132044	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	15250	3.298	ng/uL	0.00
4) Pyridine-d5	3.599	84	195752	14.621	ng/u1	0.00
7) Phenol-d5	6.863	99	294939	17.190	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	175185	16.848	ng/u1	0.01
11) 2-Chlorophenol-d4	7.205	132	249561	17.654	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	244358	17.148	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	118580	18.907	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	138851	19.342	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	243615	18.768	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	282986	16.456	ng/u1	0.01
46) Dimethylphthalate-d6	13.704	166	734099	20.934	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	848814	21.556	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	87173m	17.471	ng/u1	0.02
60) Fluorene-d10	15.310	176	615853	21.406	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	73490	13.146	ng/u1	0.00
73) Anthracene-d10	17.216	188	864955	21.078	ng/u1	0.01
81) Pyrene-d10	19.598	212	964970	18.200	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.639	264	1252726	22.437	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.157	178	87649	1.829	ng/u1	98
80) Fluoranthene	19.251	202	134535	2.101	ng/u1	99
82) Pyrene	19.627	202	127064	1.950	ng/u1	98
83) Butylbenzylphthalate	20.569	149	47768	1.760	ng/u1	98
85) Benzo(a)anthracene	21.539	228	74742	1.244	ng/u1	92
87) Chrysene	21.604	228	71757	1.285	ng/u1	94
90) Benzo(b)fluoranthene	23.833	252	103022	1.500	ng/u1#	92
93) Benzo(a)pyrene	24.715	252	76765	1.182	ng/u1#	89

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

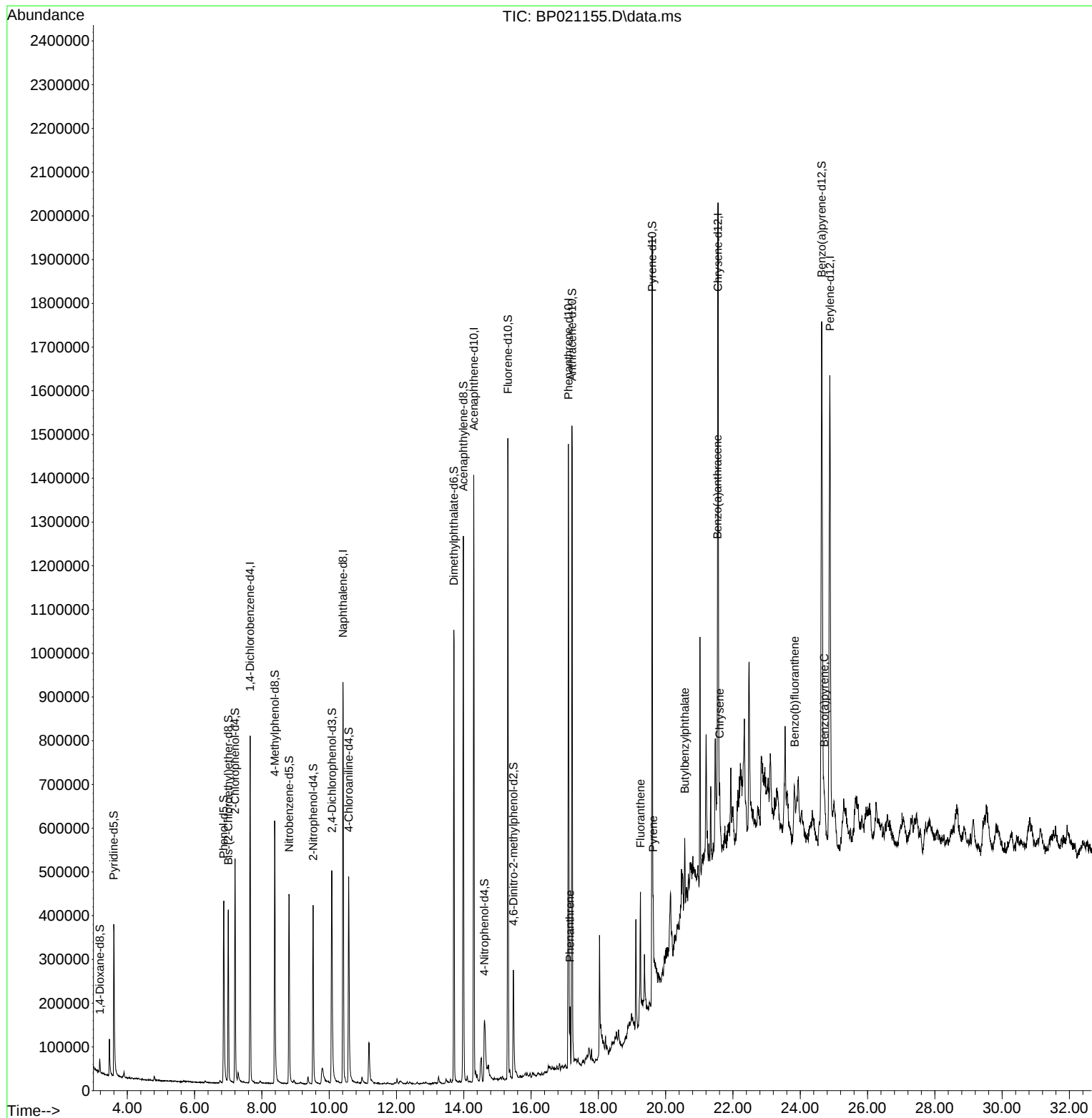
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
Data File : BP021155.D
Acq On : 25 Jul 2024 20:16
Operator : MA/JU
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ALS Vial : 15 Sample Multiplier: 1

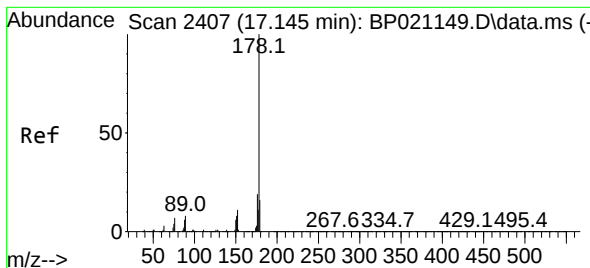
Instrument :
BNA_P
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.829 ng/ul

RT: 17.157 min Scan# 2409

Delta R.T. 0.012 min

Lab File: BP021155.D

Acq: 25 Jul 2024 20:16

Instrument :

BNA_P

ClientSampleId :

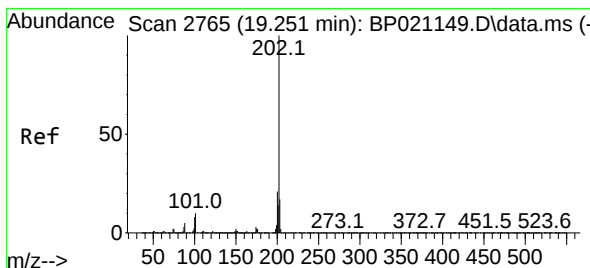
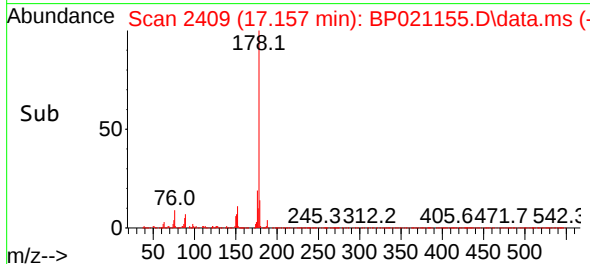
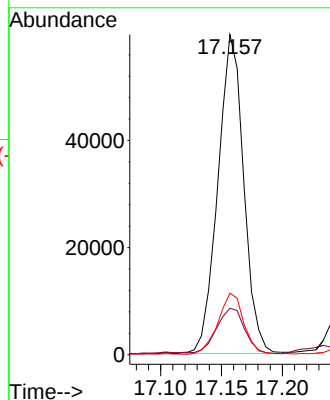
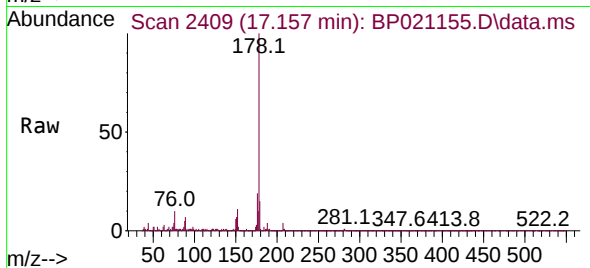
A4BD7

Tgt Ion:178	Resp:	87649
Ion Ratio	Lower	Upper
178	100	
179	14.5	12.2 18.4
176	19.2	15.0 22.4

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#80

Fluoranthene

Concen: 2.101 ng/ul

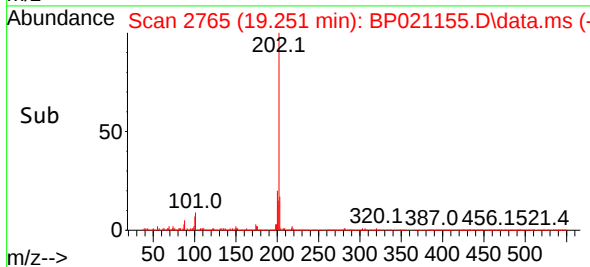
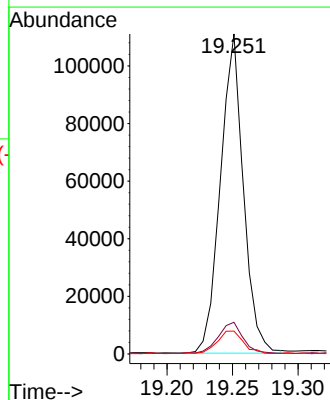
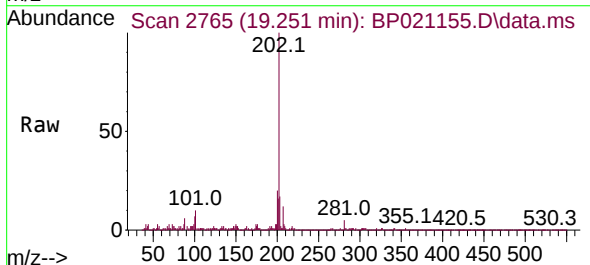
RT: 19.251 min Scan# 2765

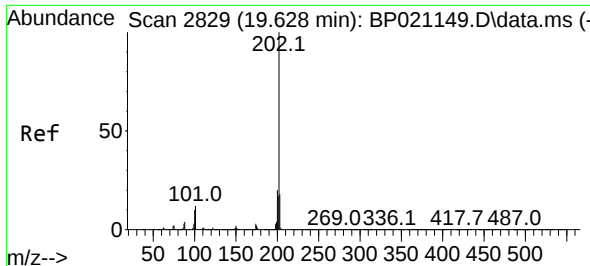
Delta R.T. 0.006 min

Lab File: BP021155.D

Acq: 25 Jul 2024 20:16

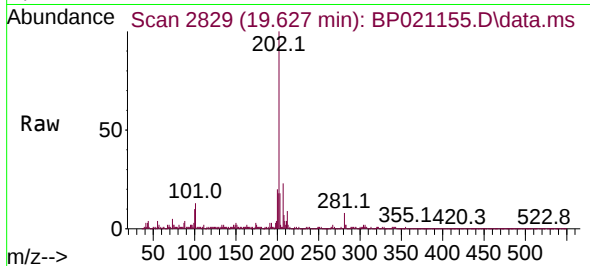
Tgt Ion:202	Resp:	134535
Ion Ratio	Lower	Upper
202	100	
101	9.9	8.0 12.0
100	7.2	6.1 9.1





#82
 Pyrene
 Concen: 1.950 ng/ul
 RT: 19.627 min Scan# 2829
 Delta R.T. 0.012 min
 Lab File: BP021155.D
 Acq: 25 Jul 2024 20:16

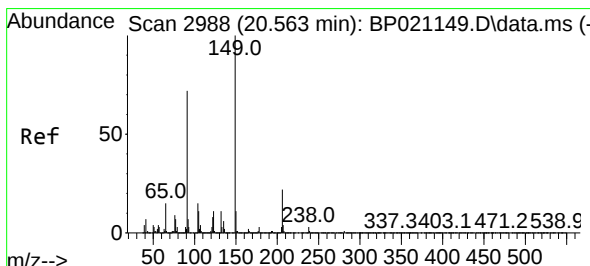
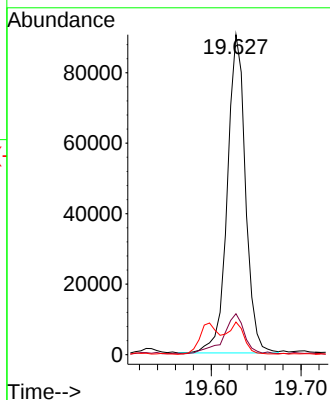
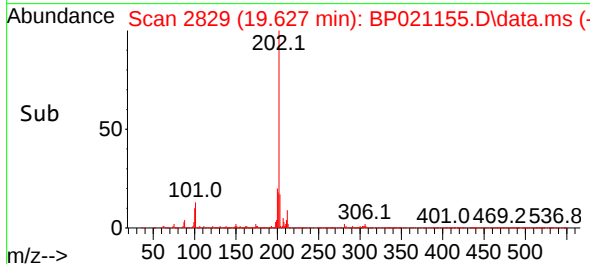
Instrument :
 BNA_P
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 A4BD7



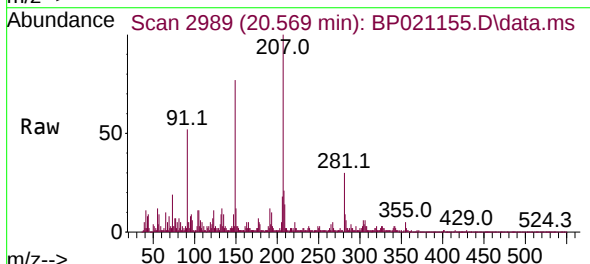
Tgt Ion:202 Resp: 127064
 Ion Ratio Lower Upper
 202 100
 101 12.8 9.4 14.2
 100 10.2 7.8 11.6

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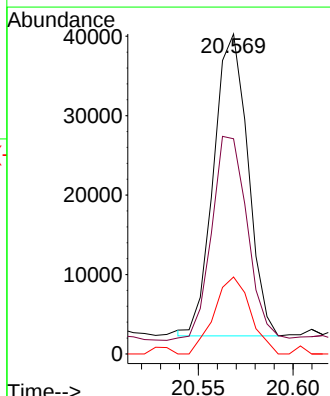
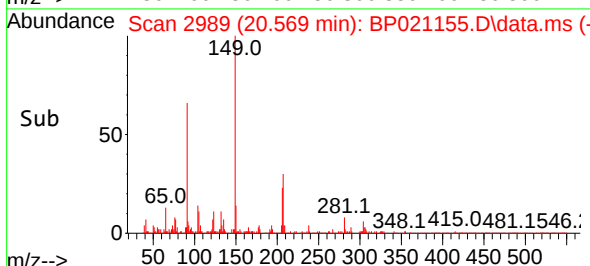
Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

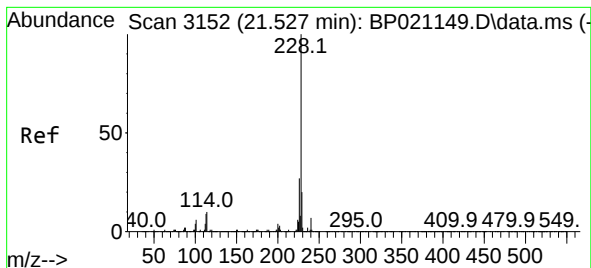


#83
 Butylbenzylphthalate
 Concen: 1.760 ng/ul
 RT: 20.569 min Scan# 2989
 Delta R.T. 0.006 min
 Lab File: BP021155.D
 Acq: 25 Jul 2024 20:16



Tgt Ion:149 Resp: 47768
 Ion Ratio Lower Upper
 149 100
 91 67.3 54.1 81.1
 206 24.1 17.0 25.6





#85

Benzo(a)anthracene

Concen: 1.244 ng/ul

RT: 21.539 min Scan# 3153

Delta R.T. 0.006 min

Lab File: BP021155.D

Acq: 25 Jul 2024 20:16

Instrument :

BNA_P

ClientSampleId :

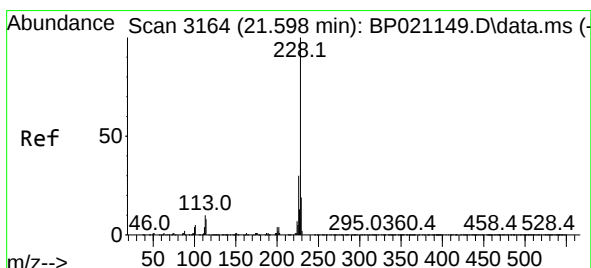
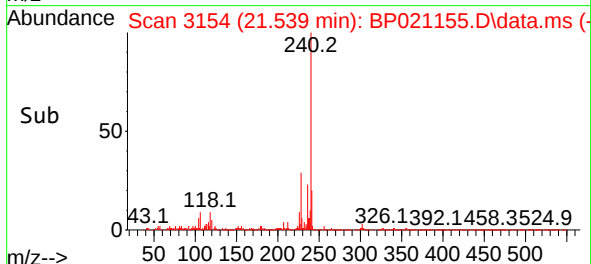
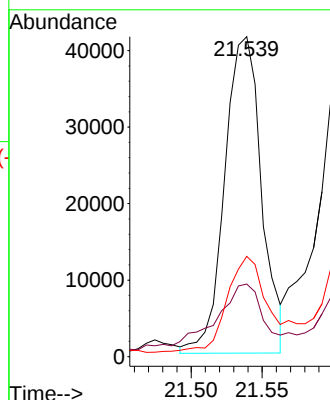
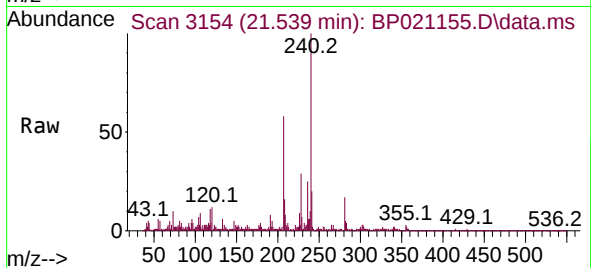
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Tgt Ion:	228	Resp:	7474
Ion Ratio	Lower	Upper	
228	100		
229	22.7	15.5	23.3
226	31.4	21.4	32.2

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#87

Chrysene

Concen: 1.285 ng/ul

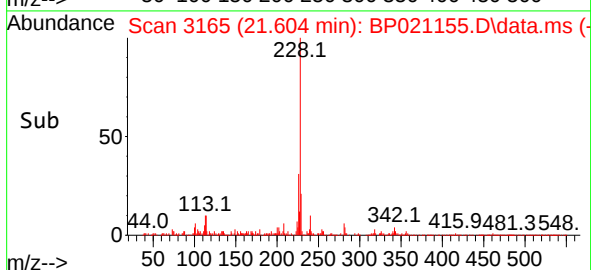
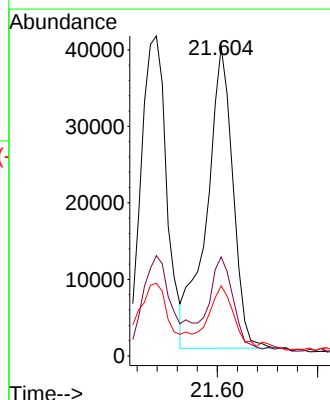
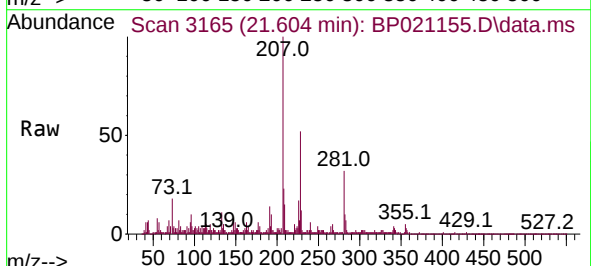
RT: 21.604 min Scan# 3165

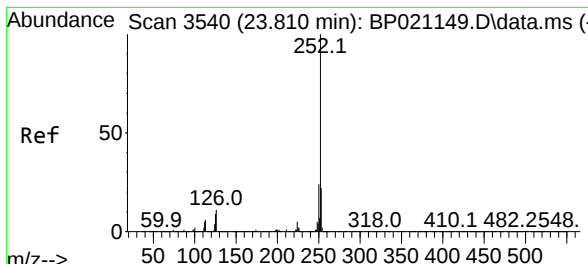
Delta R.T. -0.000 min

Lab File: BP021155.D

Acq: 25 Jul 2024 20:16

Tgt Ion:	228	Resp:	71757
Ion Ratio	Lower	Upper	
228	100		
226	32.0	23.6	35.4
229	22.7	15.5	23.3





#90
 Benzo(b)fluoranthene
 Concen: 1.500 ng/u1
 RT: 23.833 min Scan# 3544
 Delta R.T. 0.012 min
 Lab File: BP021155.D
 Acq: 25 Jul 2024 20:16

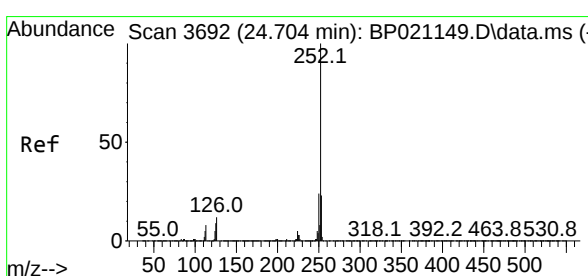
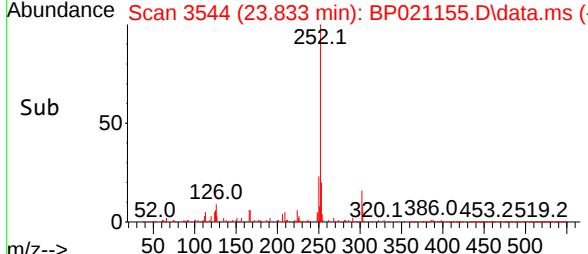
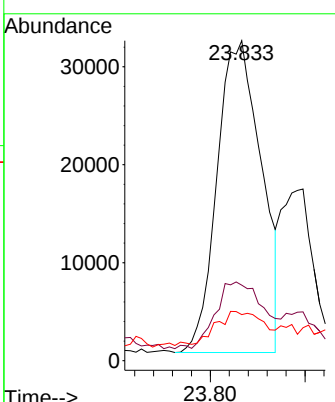
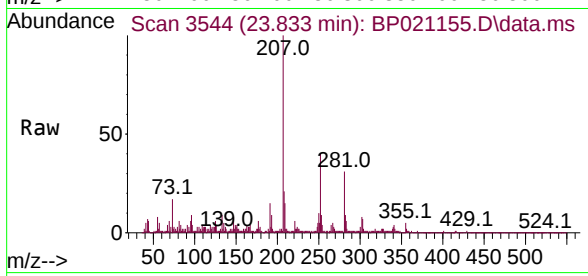
Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:252 Resp: 10302

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	14.4	7.0	10.4

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#93
 Benzo(a)pyrene
 Concen: 1.182 ng/u1
 RT: 24.715 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: BP021155.D
 Acq: 25 Jul 2024 20:16

Tgt Ion:252 Resp: 76765

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.0
125	16.1	7.7	11.5

