

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020994.D
 Acq On : 16 Jul 2024 17:16
 Operator : MA/JU
 Sample : P3178-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BT8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 23:30:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	233993	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	874551	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	480503	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	963882	20.000	ng/u1	0.01
79) Chrysene-d12	21.557	240	991628	20.000	ng/u1	0.00
88) Perylene-d12	24.868	264	1193064	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	21035	4.091	ng/uL	0.00
4) Pyridine-d5	3.669	84	38022m	2.554	ng/u1	0.02
7) Phenol-d5	6.893	99	453069	23.750	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	289893	25.075	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	395165	25.141	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	366580	23.137	ng/u1	0.01
21) Nitrobenzene-d5	8.840	128	185591	27.322	ng/u1	0.01
24) 2-Nitrophenol-d4	9.551	143	205220	26.396	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	349118	24.833	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	254354	13.657	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	947203	27.117	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	1069815	27.276	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	112607	22.658	ng/u1	0.01
60) Fluorene-d10	15.328	176	796520	27.796	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	116019	19.894	ng/u1	0.00
73) Anthracene-d10	17.228	188	1180786	27.581	ng/u1	0.00
81) Pyrene-d10	19.604	212	1107101	18.058	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.627	264	831556	14.132	ng/u1	0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.175	178	99794	1.996	ng/u1	98
80) Fluoranthene	19.257	202	246990	3.336	ng/u1	99
82) Pyrene	19.639	202	154509	2.051	ng/u1	99
85) Benzo(a)anthracene	21.539	228	130848	1.884	ng/u1	97
87) Chrysene	21.604	228	154115	2.388	ng/u1	98
90) Benzo(b)fluoranthene	23.821	252	235165m	3.248	ng/u1	
91) Benzo(k)fluoranthene	23.880	252	74124	1.026	ng/u1#	89

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

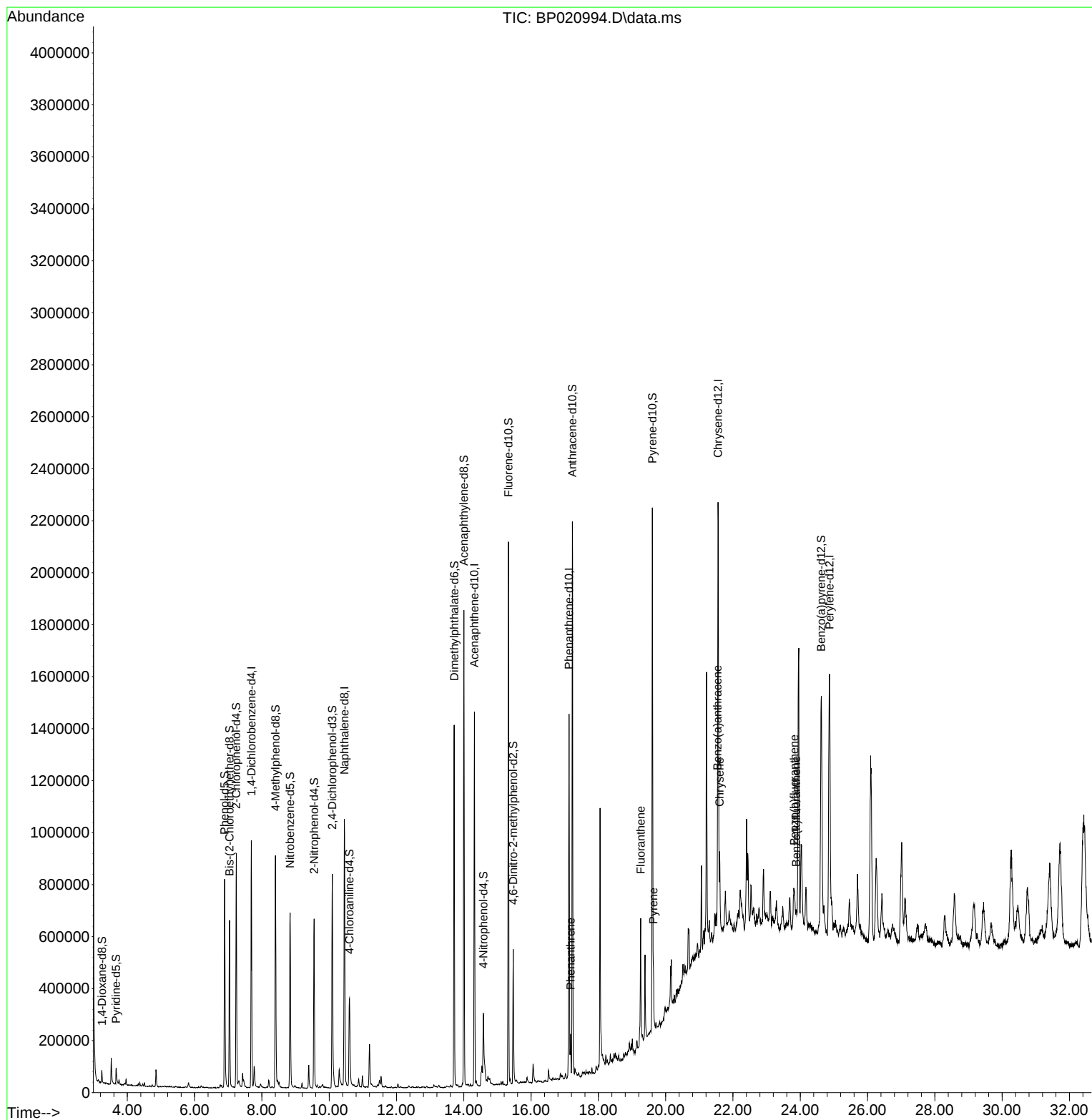
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP020994.D
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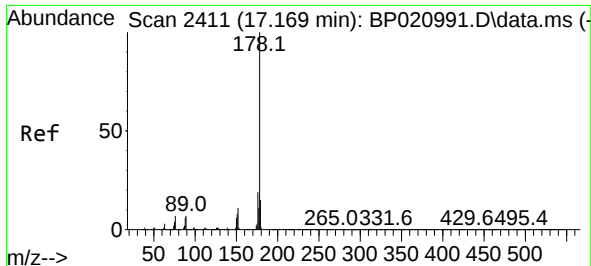
Instrument :
BNA_P
ClientSampleId :
A4BT8

Quant Time: Jul 16 23:30:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

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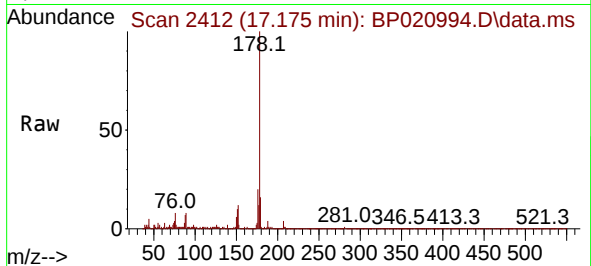
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024





#72
Phenanthrene
Concen: 1.996 ng/ul
RT: 17.175 min Scan# 2412
Delta R.T. 0.012 min
Lab File: BP020994.D
Acq: 16 Jul 2024 17:16

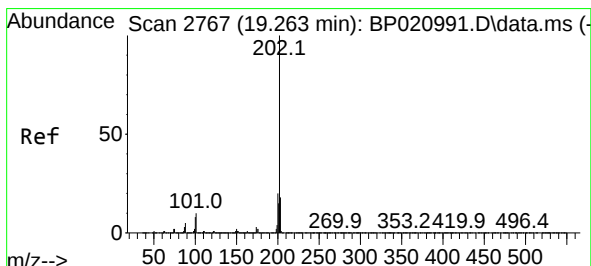
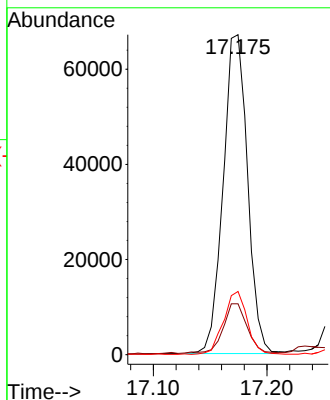
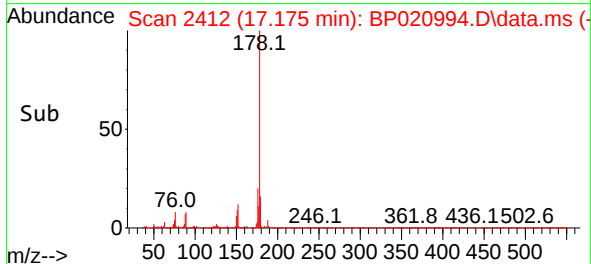
Instrument :
BNA_P
ClientSampleId :
A4BT8



Tgt Ion:178 Resp: 99794
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 19.8 15.0 22.4

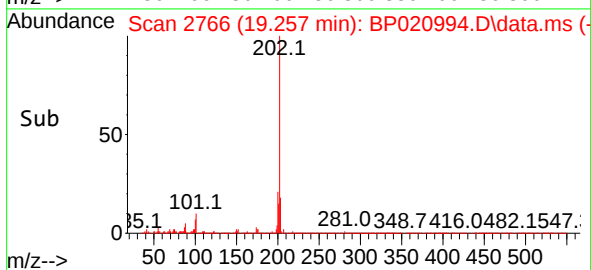
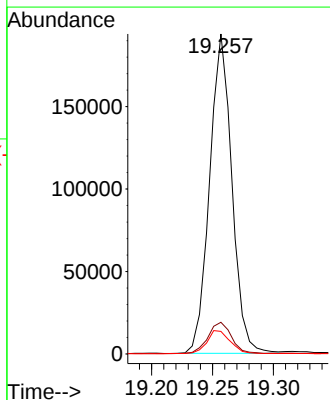
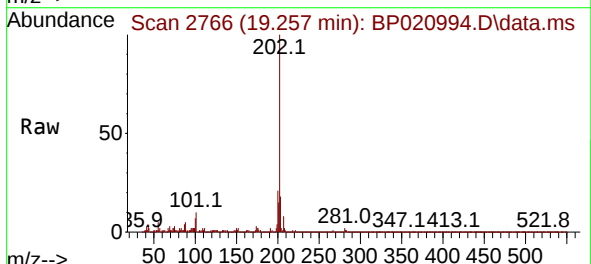
Manual Integrations
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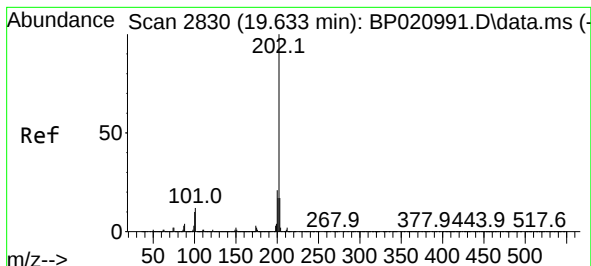
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#80
Fluoranthene
Concen: 3.336 ng/ul
RT: 19.257 min Scan# 2766
Delta R.T. 0.006 min
Lab File: BP020994.D
Acq: 16 Jul 2024 17:16

Tgt Ion:202 Resp: 246990
Ion Ratio Lower Upper
202 100
101 9.9 8.0 12.0
100 7.0 6.1 9.1





#82

Pyrene

Concen: 2.051 ng/ul

RT: 19.639 min Scan# 2831

Delta R.T. 0.012 min

Lab File: BP020994.D

Acq: 16 Jul 2024 17:16

Instrument :

BNA_P

ClientSampleId :

A4BT8

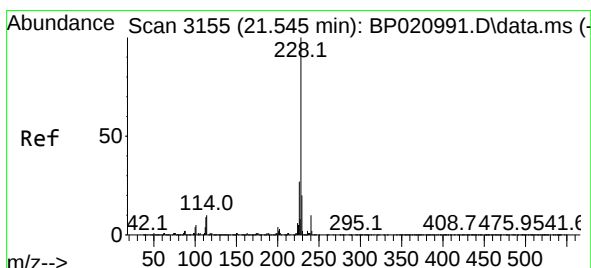
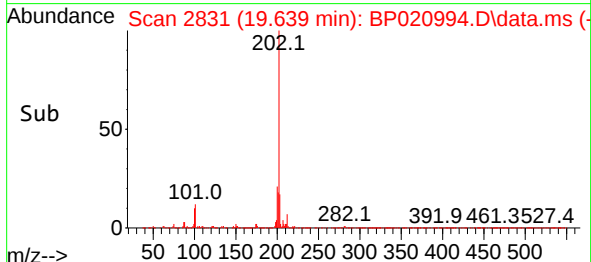
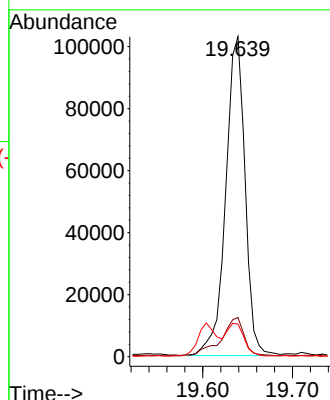
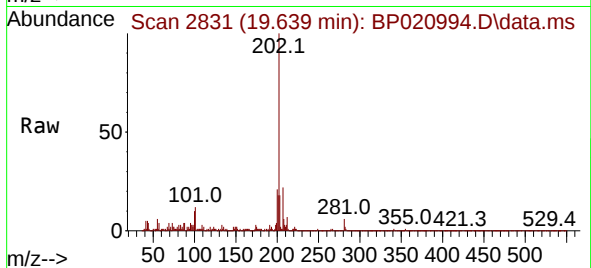
Tgt Ion:	202	Resp:	154509
Ion Ratio	Lower	Upper	
202	100		
101	12.2	9.4	14.2
100	10.2	7.8	11.6

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 1.884 ng/ul

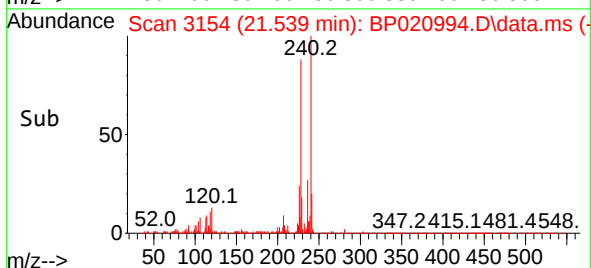
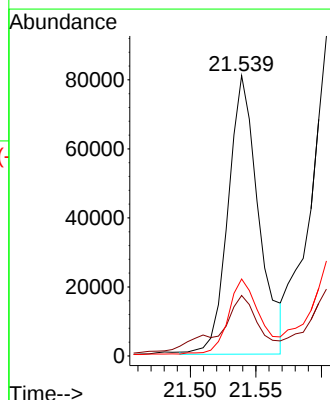
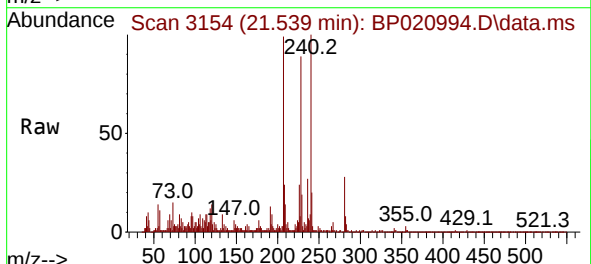
RT: 21.539 min Scan# 3154

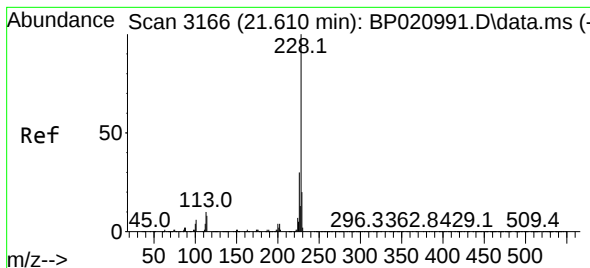
Delta R.T. 0.006 min

Lab File: BP020994.D

Acq: 16 Jul 2024 17:16

Tgt Ion:	228	Resp:	130848
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.5	23.3
226	27.5	21.4	32.2





#87

Chrysene

Concen: 2.388 ng/ul

RT: 21.604 min Scan# 3166

Delta R.T. 0.006 min

Lab File: BP020994.D

Acq: 16 Jul 2024 17:16

Instrument :

BNA_P

ClientSampleId :

A4BT8

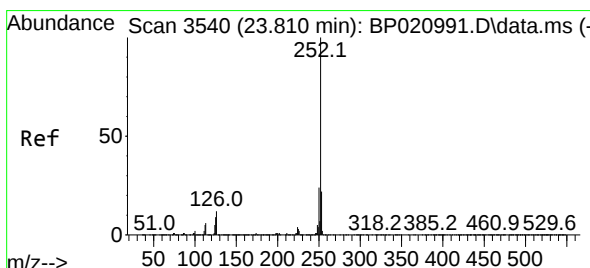
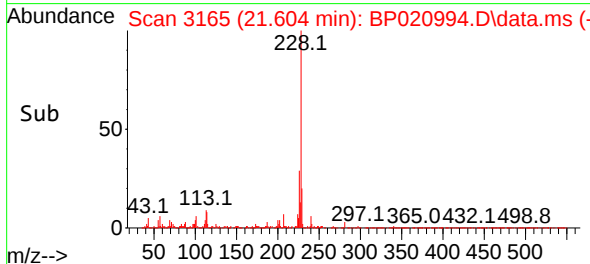
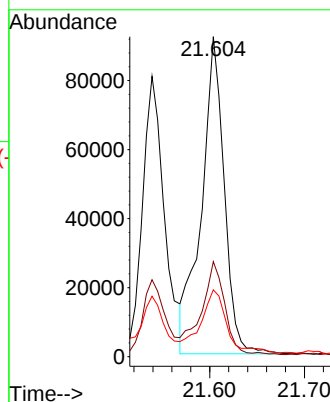
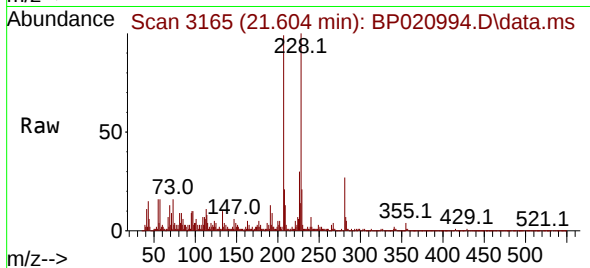
Tgt Ion:228	Resp: 15411
Ion Ratio	Lower Upper
228 100	
226 29.7	23.6 35.4
229 20.9	15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 3.248 ng/ul m

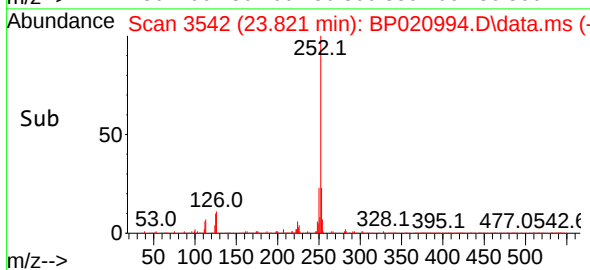
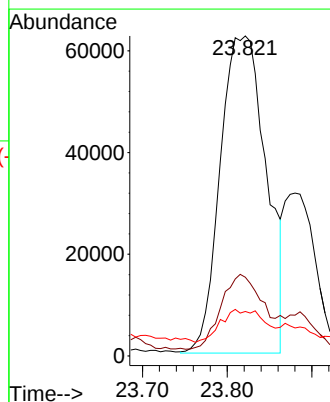
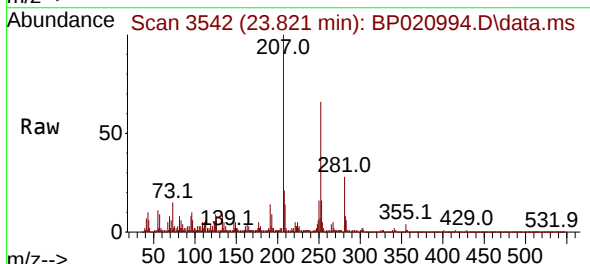
RT: 23.821 min Scan# 3542

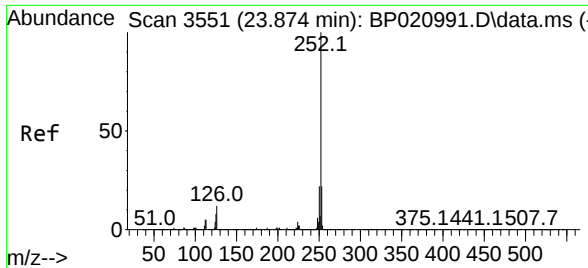
Delta R.T. 0.041 min

Lab File: BP020994.D

Acq: 16 Jul 2024 17:16

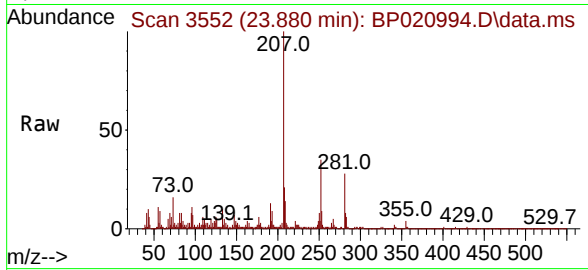
Tgt Ion:252	Resp: 235165
Ion Ratio	Lower Upper
252 100	
253 24.6	17.1 25.7
125 13.9	7.0 10.4





#91
 Benzo(k)fluoranthene
 Concen: 1.026 ng/ul
 RT: 23.880 min Scan# 31
 Delta R.T. 0.029 min
 Lab File: BP020994.D
 Acq: 16 Jul 2024 17:16

Instrument :
 BNA_P
 ClientSampleId :
 A4BT8



Tgt Ion:	252	Resp:	74124
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.4	26.2
125	17.2	7.4	11.0

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