

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP021008.D
 Acq On : 17 Jul 2024 04:08
 Operator : MA/JU
 Sample : P3178-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BS8

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 04:39:32 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	7.693	152	234701	20.000	ng/u1	0.00
20) Naphthalene-d8	10.458	136	941814	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.310	164	617396	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	1322703	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1273634	20.000	ng/u1	0.00
88) Perylene-d12	24.851	264	1493621	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	18816	3.648	ng/uL	0.00
4) Pyridine-d5	3.676	84	31392	2.102	ng/u1	0.02
7) Phenol-d5	6.893	99	432312	22.593	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	269294	23.223	ng/u1	0.01
11) 2-Chlorophenol-d4	7.240	132	371815	23.585	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	274275	17.259	ng/u1	0.01
21) Nitrobenzene-d5	8.846	128	181636	24.830	ng/u1	0.02
24) 2-Nitrophenol-d4	9.552	143	206525	24.667	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.099	165	351576	23.222	ng/u1	0.01
31) 4-Chloroaniline-d4	10.599	131	298411	14.878	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	1166057	25.981	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1284247	25.483	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	161974m	25.365	ng/u1	0.01
60) Fluorene-d10	15.316	176	1005223	27.301	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	155805	19.468	ng/u1	0.00
73) Anthracene-d10	17.216	188	1601817	27.266	ng/u1	0.00
81) Pyrene-d10	19.598	212	1505741	19.123	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.610	264	1042748	14.155	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.163	178	411363	5.995	ng/u1	100
80) Fluoranthene	19.251	202	675645	7.105	ng/u1	99
82) Pyrene	19.628	202	458023	4.733	ng/u1	98
85) Benzo(a)anthracene	21.533	228	318048	3.565	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	128522	2.215	ng/u1	97
87) Chrysene	21.598	228	334545	4.035	ng/u1	97
90) Benzo(b)fluoranthene	23.804	252	418565	4.618	ng/u1#	96
91) Benzo(k)fluoranthene	23.869	252	156390m	1.729	ng/u1	
93) Benzo(a)pyrene	24.686	252	123600	1.443	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	28.580	276	120471	1.091	ng/u1	97

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

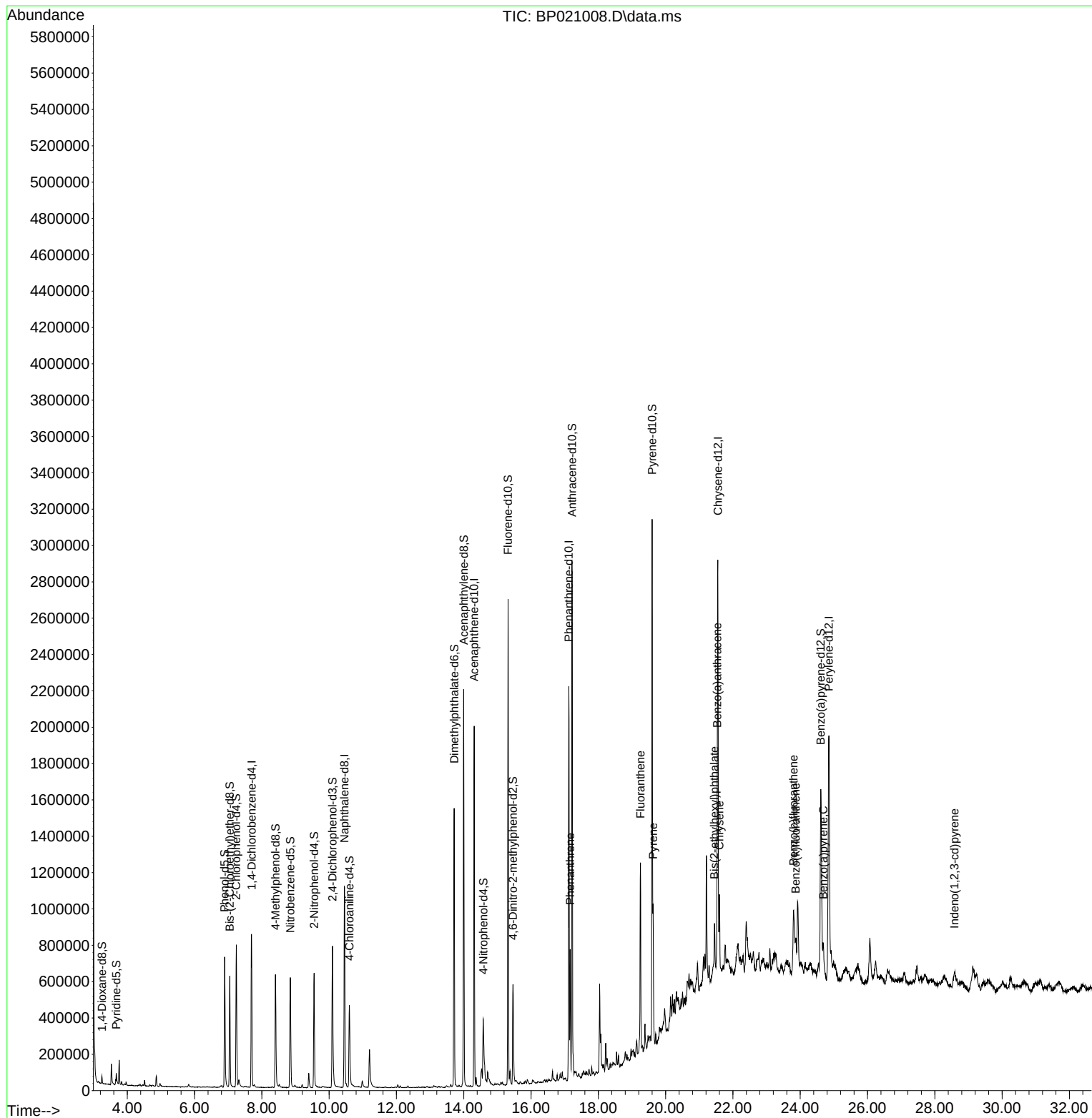
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021008.D
Acq On : 17 Jul 2024 04:08
Operator : MA/JU
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ALS Vial : 20 Sample Multiplier: 1

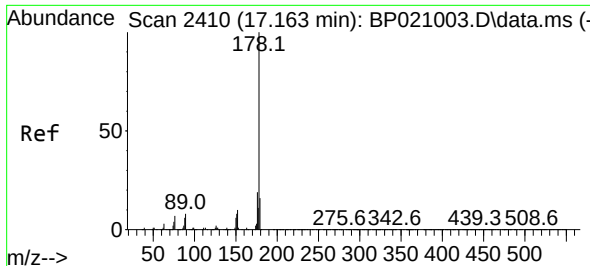
Instrument :
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ClientSampleId :
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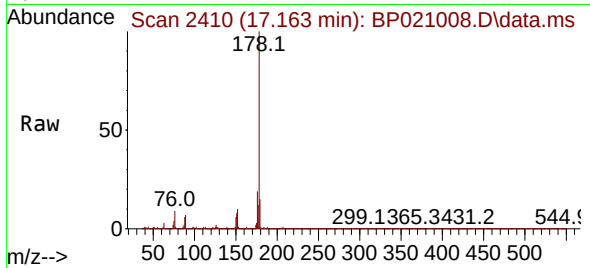
Quant Time: Jul 17 04:39:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 5.995 ng/ul
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP021008.D
Acq: 17 Jul 2024 04:08

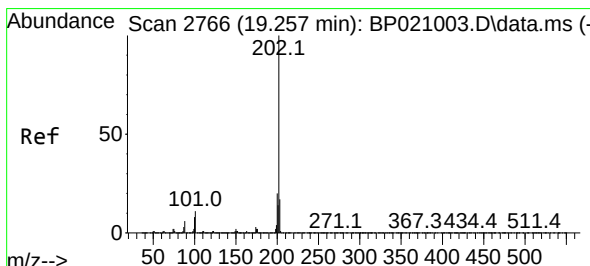
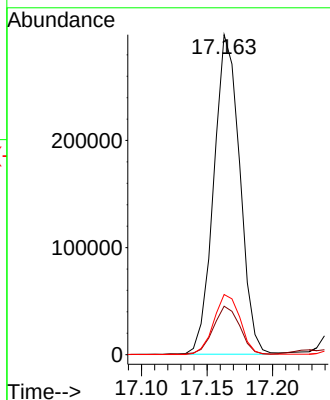
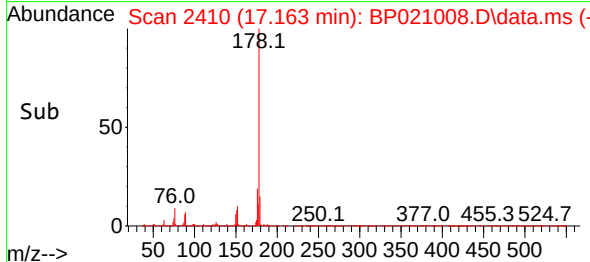
Instrument :
BNA_P
ClientSampleId :
A4BS8



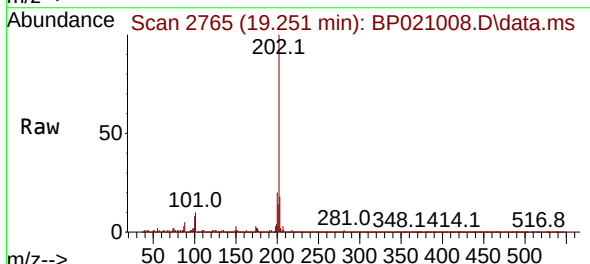
Tgt Ion:178 Resp: 41136
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.4
176 18.8 15.0 22.4

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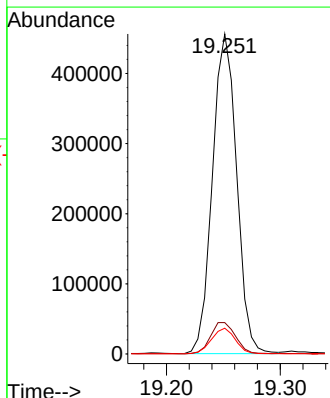
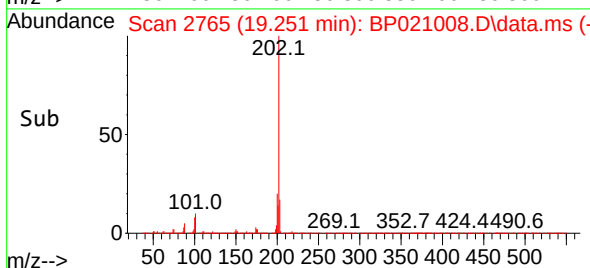
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

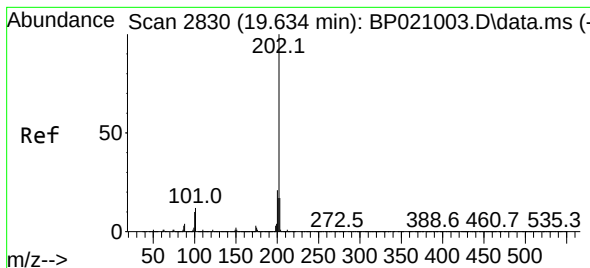


#80
Fluoranthene
Concen: 7.105 ng/ul
RT: 19.251 min Scan# 2765
Delta R.T. 0.000 min
Lab File: BP021008.D
Acq: 17 Jul 2024 04:08



Tgt Ion:202 Resp: 675645
Ion Ratio Lower Upper
202 100
101 9.8 8.0 12.0
100 8.1 6.1 9.1





#82

Pyrene

Concen: 4.733 ng/ul

RT: 19.628 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021008.D

Acq: 17 Jul 2024 04:08

Instrument :

BNA_P

ClientSampleId :

A4BS8

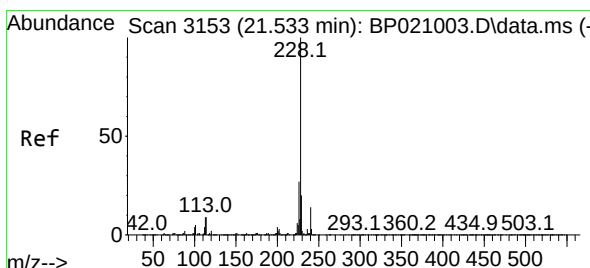
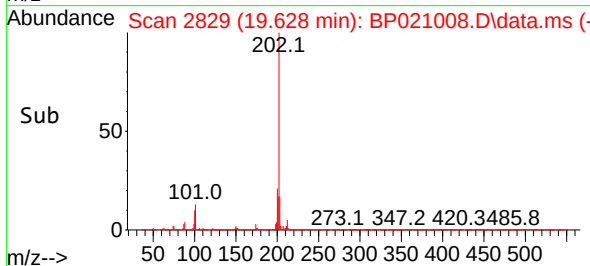
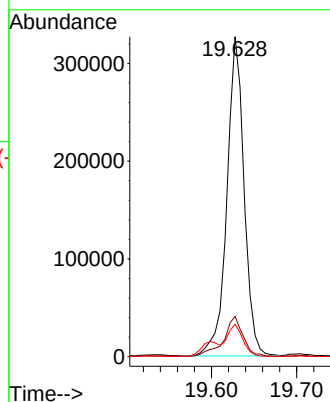
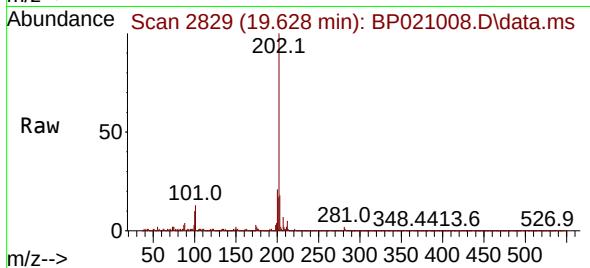
Tgt Ion:	202	Resp:	45802
Ion Ratio	Lower	Upper	
202	100		
101	12.6	9.4	14.2
100	10.1	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 3.565 ng/ul

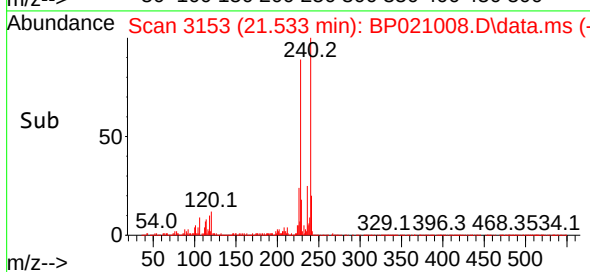
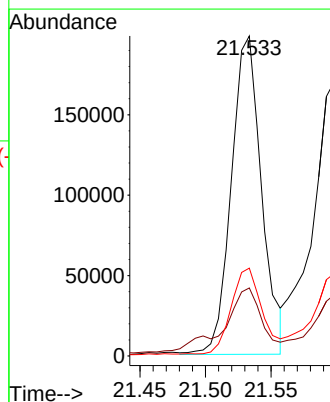
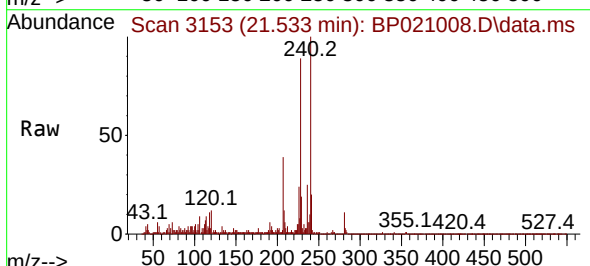
RT: 21.533 min Scan# 3153

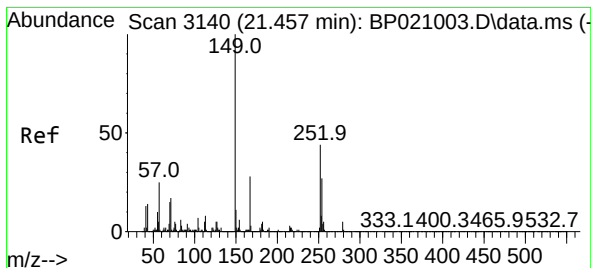
Delta R.T. 0.000 min

Lab File: BP021008.D

Acq: 17 Jul 2024 04:08

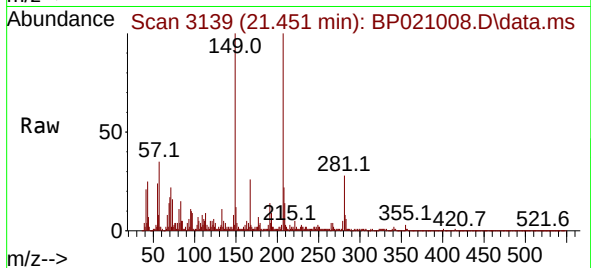
Tgt Ion:	228	Resp:	318048
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.5	23.3
226	27.4	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.215 ng/ul
RT: 21.451 min Scan# 3139
Delta R.T. 0.006 min
Lab File: BP021008.D
Acq: 17 Jul 2024 04:08

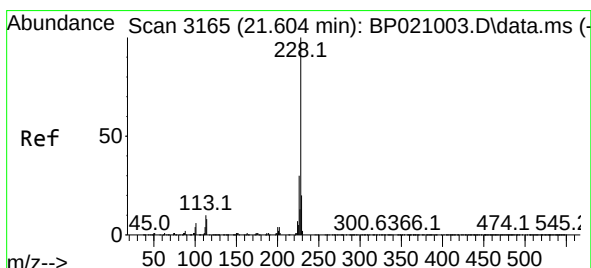
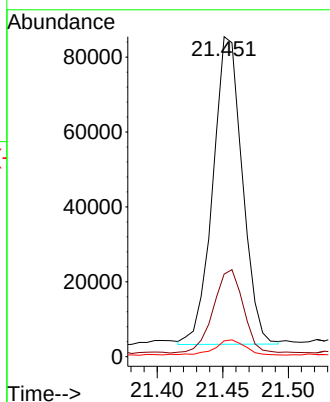
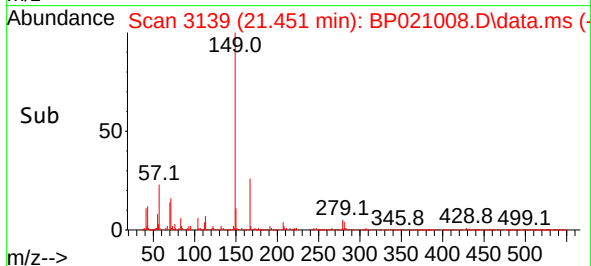
Instrument :
BNA_P
ClientSampleId :
A4BS8



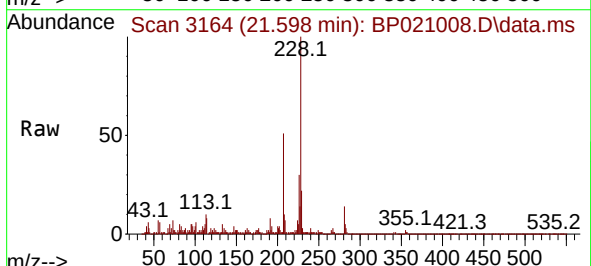
Tgt Ion:149 Resp: 12852
Ion Ratio Lower Upper
149 100
167 25.8 22.1 33.1
279 4.9 3.7 5.5

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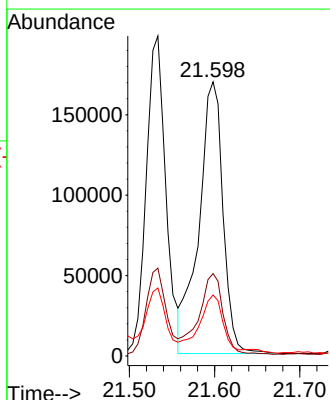
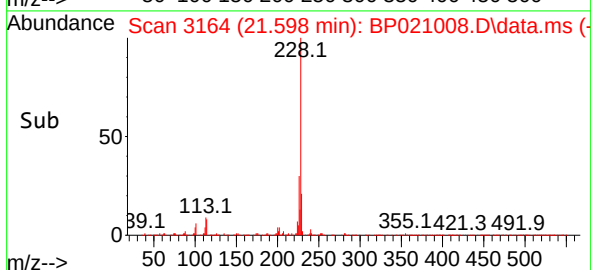
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

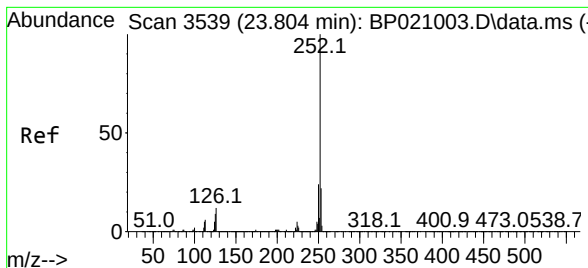


#87
Chrysene
Concen: 4.035 ng/ul
RT: 21.598 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BP021008.D
Acq: 17 Jul 2024 04:08



Tgt Ion:228 Resp: 334545
Ion Ratio Lower Upper
228 100
226 30.1 23.6 35.4
229 22.3 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 4.618 ng/ul

RT: 23.804 min Scan# 3539

Delta R.T. 0.024 min

Lab File: BP021008.D

Acq: 17 Jul 2024 04:08

Instrument :

BNA_P

ClientSampleId :

A4BS8

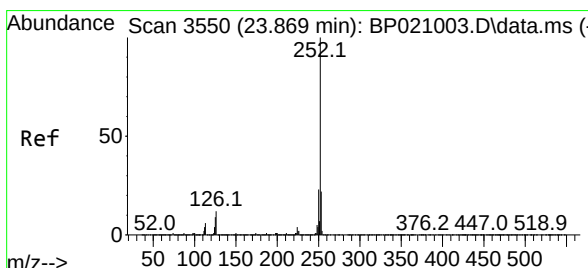
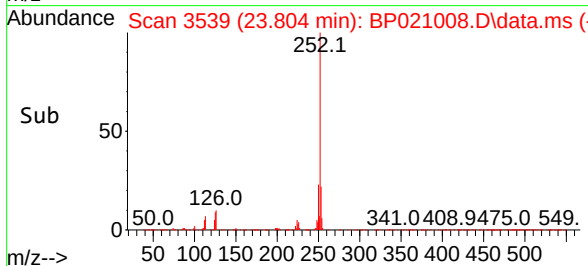
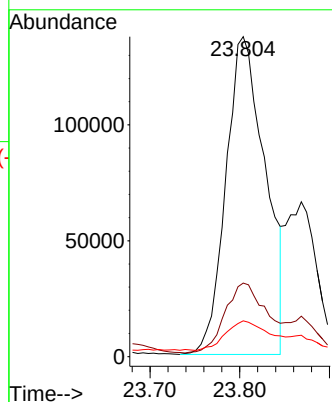
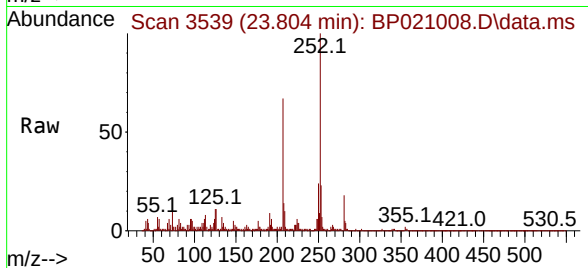
Tgt Ion:252 Resp: 41856
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.1 25.7
 125 11.2 7.0 10.4

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#91

Benzo(k)fluoranthene

Concen: 1.729 ng/ul m

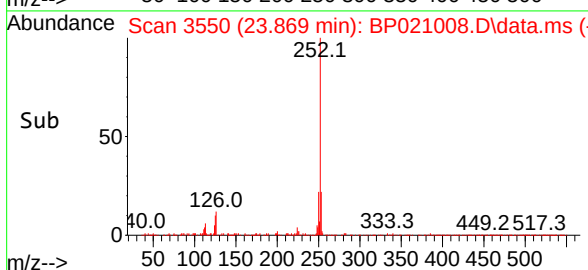
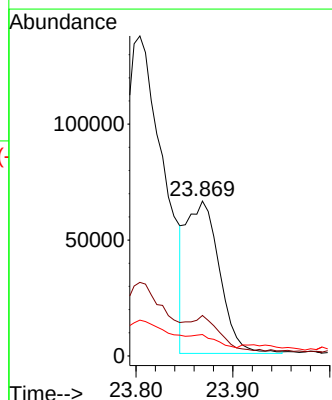
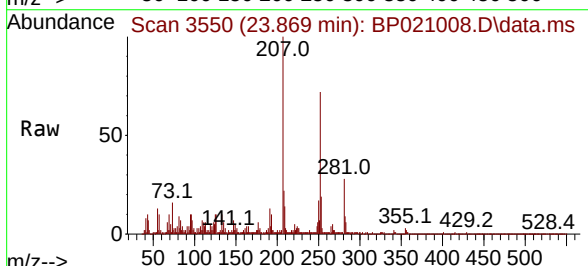
RT: 23.869 min Scan# 3550

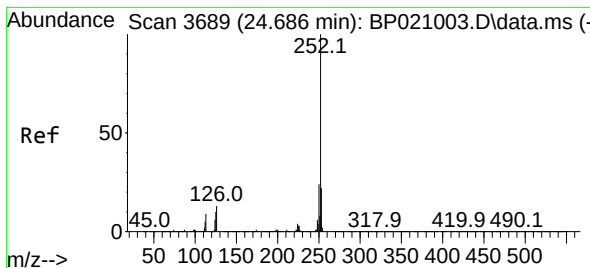
Delta R.T. 0.018 min

Lab File: BP021008.D

Acq: 17 Jul 2024 04:08

Tgt Ion:252 Resp: 156390
 Ion Ratio Lower Upper
 252 100
 253 26.2 17.4 26.2#
 125 13.8 7.4 11.0#





#93

Benzo(a)pyrene

Concen: 1.443 ng/ul

RT: 24.686 min Scan# 30

Delta R.T. 0.018 min

Lab File: BP021008.D

Acq: 17 Jul 2024 04:08

Instrument :

BNA_P

ClientSampleId :

A4BS8

Tgt Ion:252 Resp: 123600

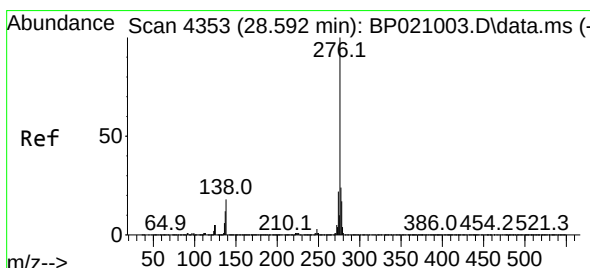
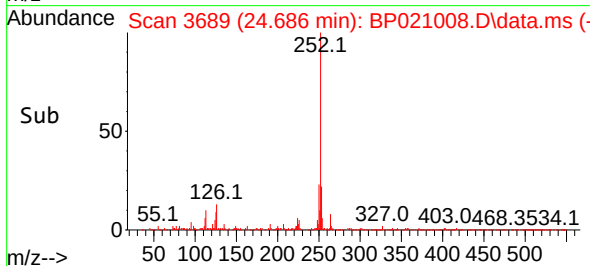
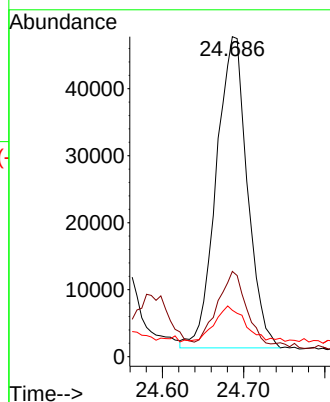
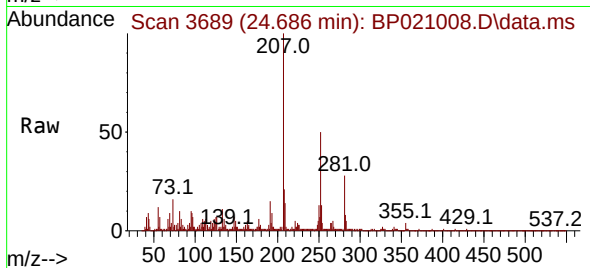
Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.4	26.0
125	14.5	7.7	11.5

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.091 ng/ul

RT: 28.580 min Scan# 4351

Delta R.T. 0.006 min

Lab File: BP021008.D

Acq: 17 Jul 2024 04:08

Tgt Ion:276 Resp: 120471

Ion	Ratio	Lower	Upper
276	100		
138	19.1	14.3	21.5
277	25.7	19.2	28.8

