

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020843.D
 Acq On : 08 Jul 2024 23:01
 Operator : MA/JU
 Sample : P3035-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CB8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 00:50:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	171058	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	727678	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	489335	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1073926	20.000	ng/u1	0.00
79) Chrysene-d12	21.622	240	1031490	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	1187740	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	13495m	3.388	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.922	99	290340	20.694	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	178416	20.059	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.275	132	247601	21.594	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	229950	20.180	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	121015	22.525	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.587	143	137496	25.574	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	241085	21.769	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	225046	14.500	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	758174	22.284	ng/u1	0.01
49) Acenaphthylene-d8	14.051	160	857732	21.128	ng/u1	0.01
54) 4-Nitrophenol-d4	14.604	143	92560	17.806	ng/u1	0.02
60) Fluorene-d10	15.369	176	668074	23.335	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	103725	19.166	ng/u1	0.00
73) Anthracene-d10	17.269	188	1064638	22.089	ng/u1	0.00
81) Pyrene-d10	19.657	212	1161914	18.750	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.733	264	887350	15.358	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	312703	5.560	ng/u1	99
74) Anthracene	17.310	178	68055	1.176	ng/u1	98
80) Fluoranthene	19.298	202	647364	8.552	ng/u1	99
82) Pyrene	19.680	202	452807	5.833	ng/u1	99
85) Benzo(a)anthracene	21.604	228	308977	4.274	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.527	149	70420	1.573	ng/u1#	99
87) Chrysene	21.669	228	300801	4.402	ng/u1	97
90) Benzo(b)fluoranthene	23.910	252	396733	5.514	ng/u1	98
91) Benzo(k)fluoranthene	23.968	252	126390	1.736	ng/u1	96
93) Benzo(a)pyrene	24.804	252	144442	2.127	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.762	276	129497	1.486	ng/u1	97

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

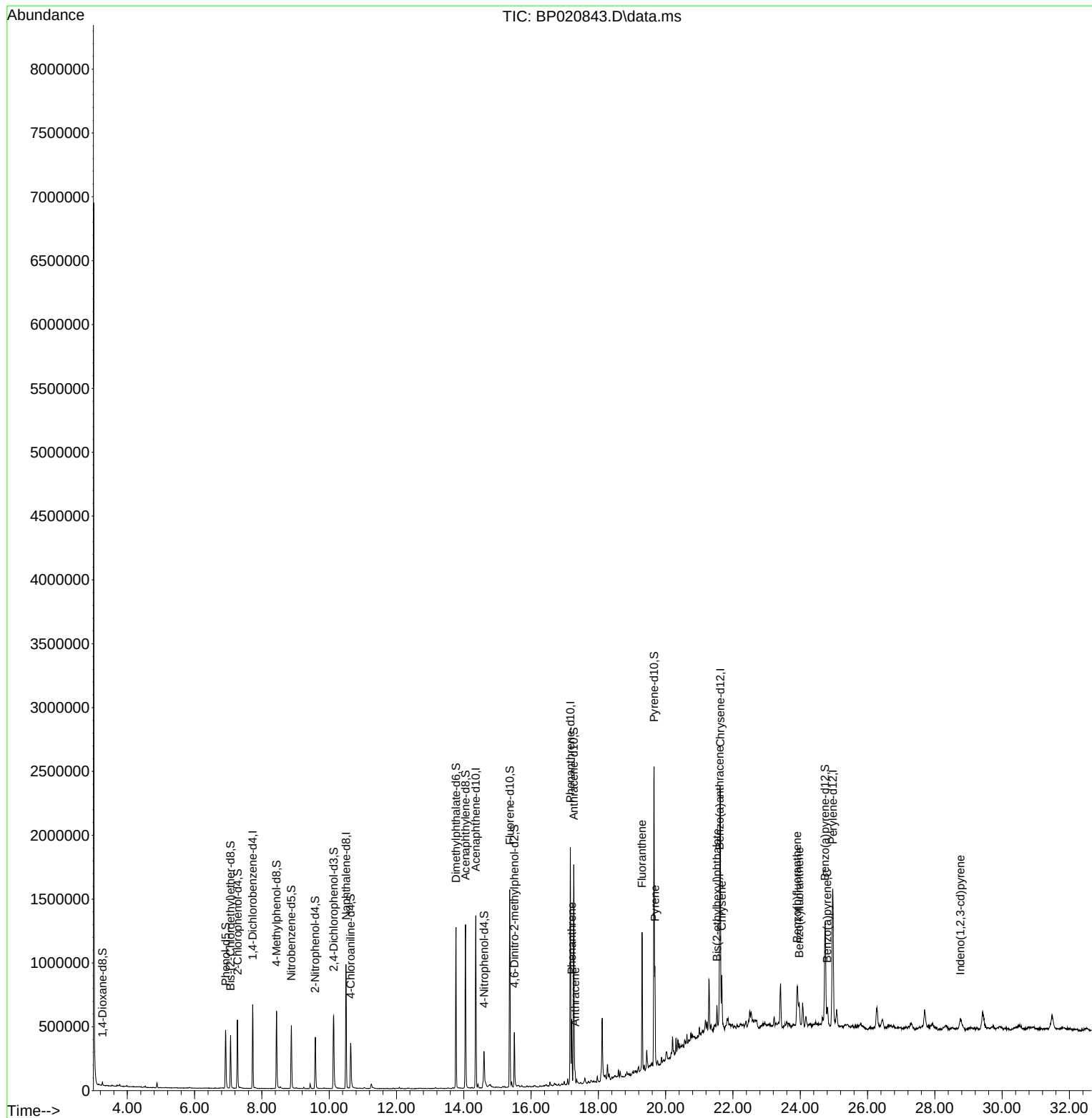
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020843.D
Acq On : 08 Jul 2024 23:01
Operator : MA/JU
Sample : P3035-20
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ALS Vial : 16 Sample Multiplier: 1

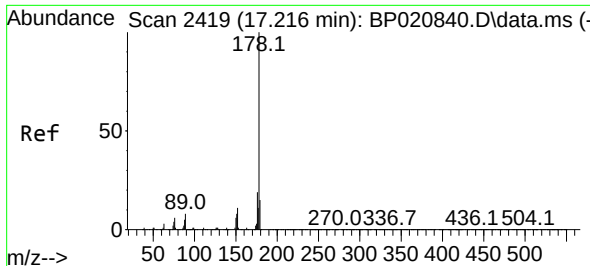
Instrument :
BNA_P
ClientSampleId :
A4CB8

Quant Time: Jul 09 00:50:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
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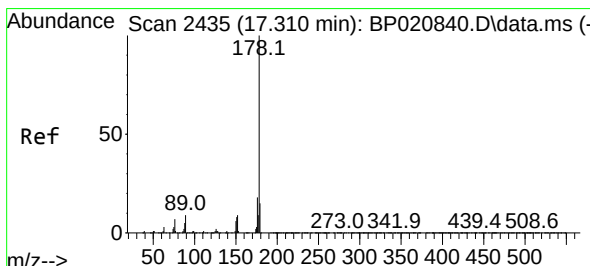
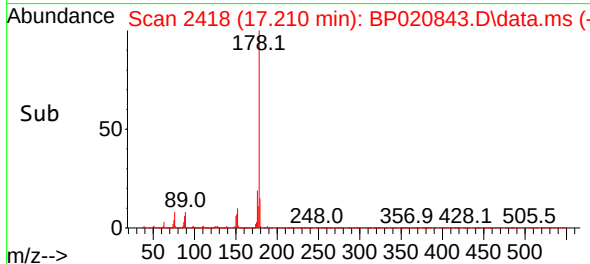
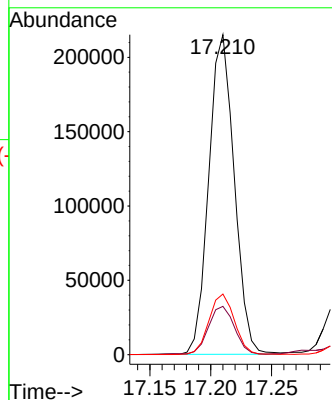
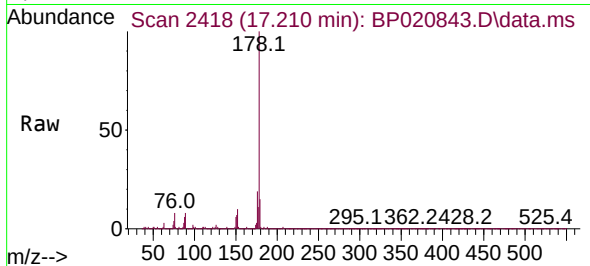
#72
Phenanthrene
Concen: 5.560 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP020843.D
Acq: 08 Jul 2024 23:01

Instrument :
BNA_P
ClientSampleId :
A4CB8

Tgt Ion:178 Resp: 31270
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 19.0 15.4 23.2

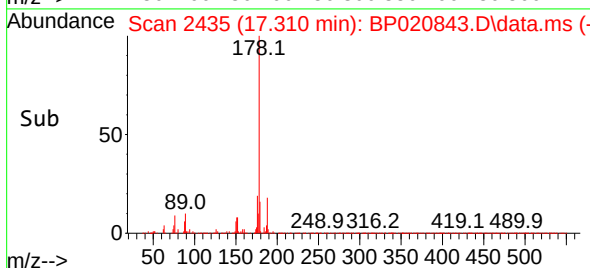
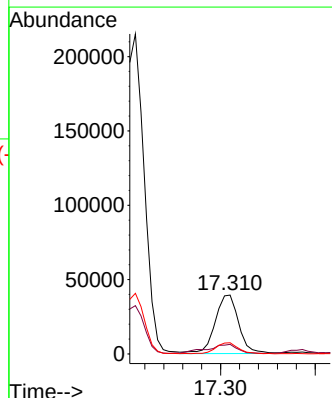
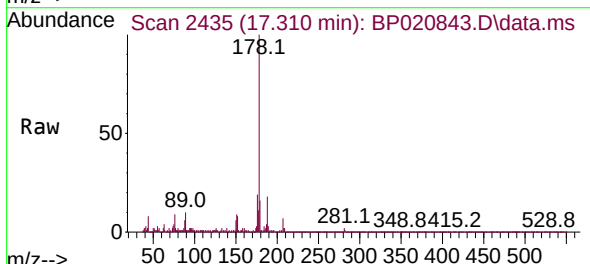
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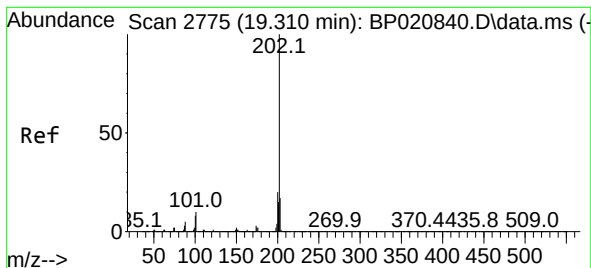
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#74
Anthracene
Concen: 1.176 ng/ul
RT: 17.310 min Scan# 2435
Delta R.T. 0.012 min
Lab File: BP020843.D
Acq: 08 Jul 2024 23:01

Tgt Ion:178 Resp: 68055
Ion Ratio Lower Upper
178 100
179 16.4 12.1 18.1
176 19.0 15.0 22.4





#80

Fluoranthene

Concen: 8.552 ng/u1

RT: 19.298 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020843.D

Acq: 08 Jul 2024 23:01

Instrument :

BNA_P

ClientSampleId :

A4CB8

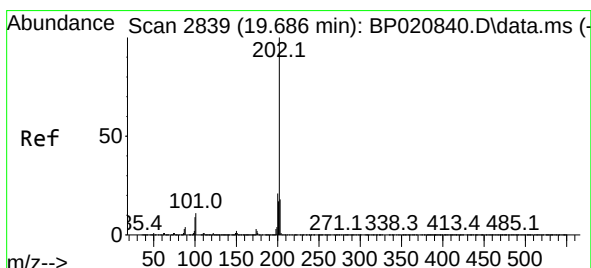
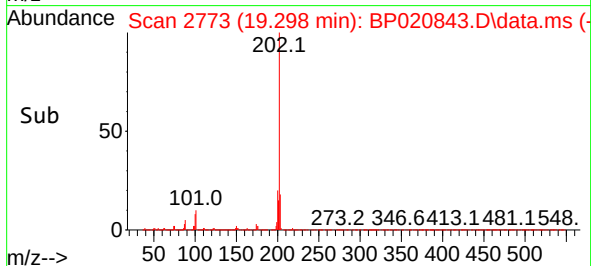
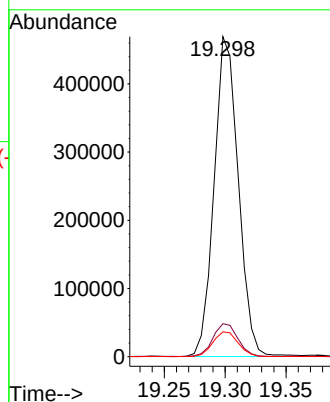
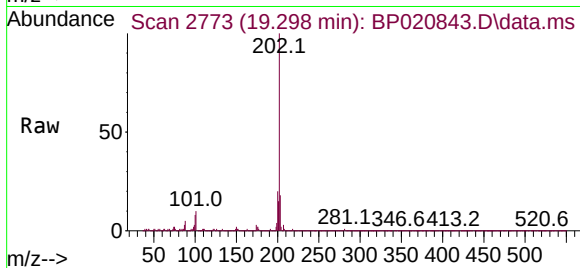
Tgt Ion:202 Resp: 647364
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.2 12.4
 100 7.8 6.6 10.0

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#82

Pyrene

Concen: 5.833 ng/u1

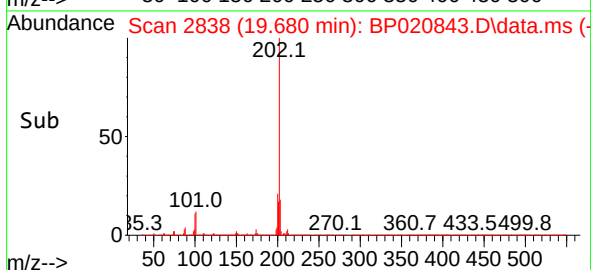
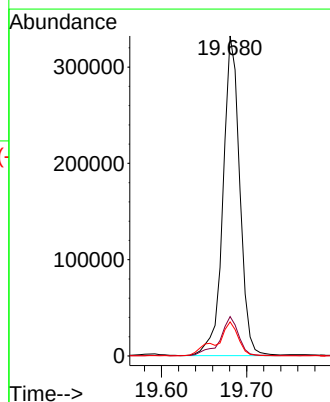
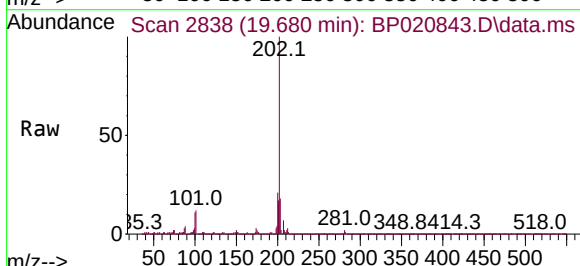
RT: 19.680 min Scan# 2838

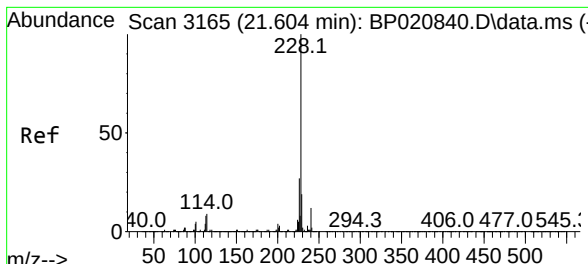
Delta R.T. -0.000 min

Lab File: BP020843.D

Acq: 08 Jul 2024 23:01

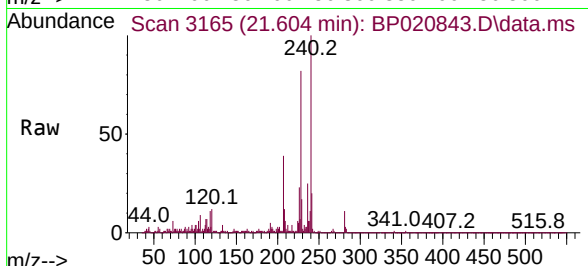
Tgt Ion:202 Resp: 452807
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.8 14.8
 100 10.7 7.9 11.9





#85
Benzo(a)anthracene
Concen: 4.274 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP020843.D
Acq: 08 Jul 2024 23:01

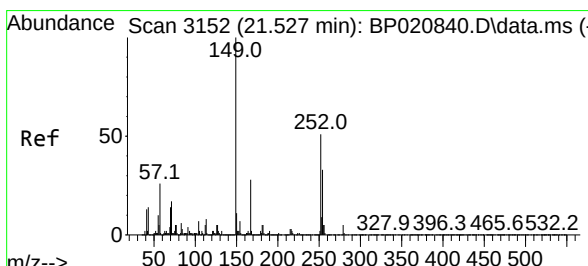
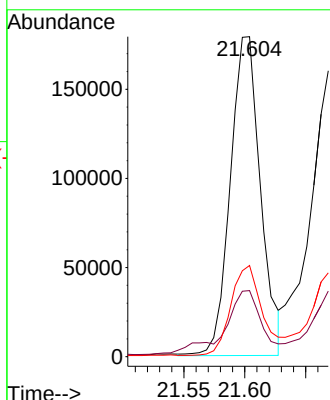
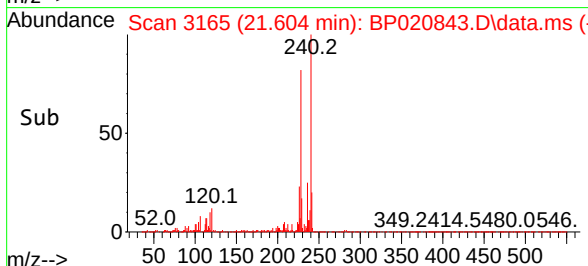
Instrument :
BNA_P
ClientSampleId :
A4CB8



Tgt Ion:228 Resp: 30897
Ion Ratio Lower Upper
228 100
229 20.7 15.2 22.8
226 28.5 21.1 31.7

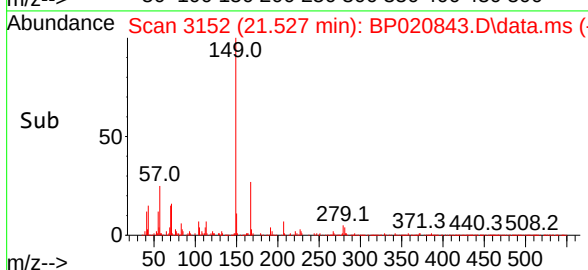
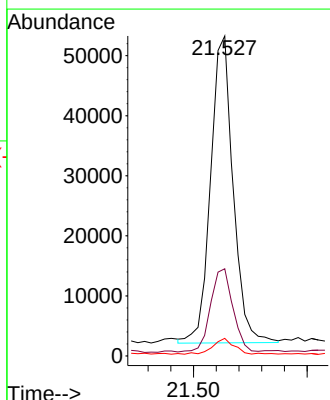
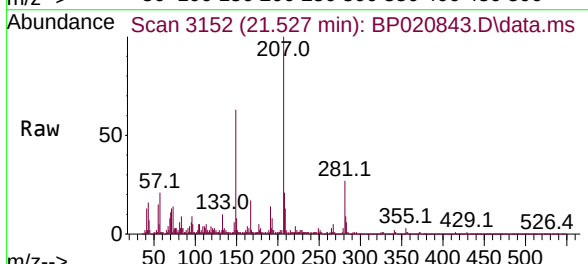
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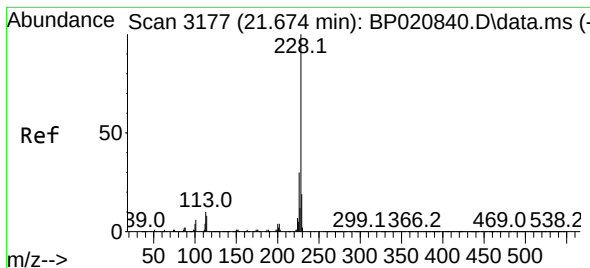
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.573 ng/ul
RT: 21.527 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BP020843.D
Acq: 08 Jul 2024 23:01

Tgt Ion:149 Resp: 70420
Ion Ratio Lower Upper
149 100
167 27.3 22.0 33.0
279 5.5 3.3 4.9#





#87

Chrysene

Concen: 4.402 ng/ul

RT: 21.669 min Scan# 3176

Delta R.T. -0.000 min

Lab File: BP020843.D

Acq: 08 Jul 2024 23:01

Instrument :

BNA_P

ClientSampleId :

A4CB8

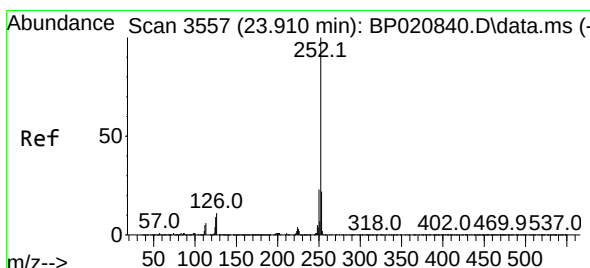
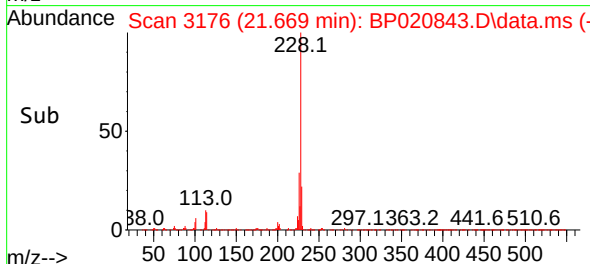
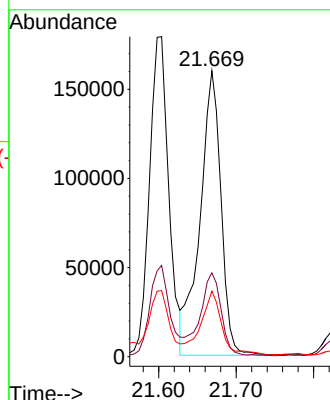
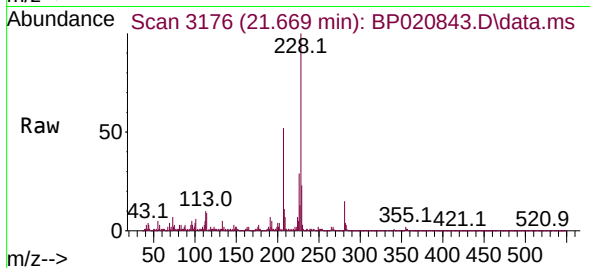
Tgt Ion:228	Resp: 30080
Ion Ratio	Lower Upper
228 100	
226 29.3	23.8 35.6
229 22.9	16.1 24.1

Manual Integrations

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Supervised By :mohammad ahmed 07/10/2024



#90

Benzo(b)fluoranthene

Concen: 5.514 ng/ul

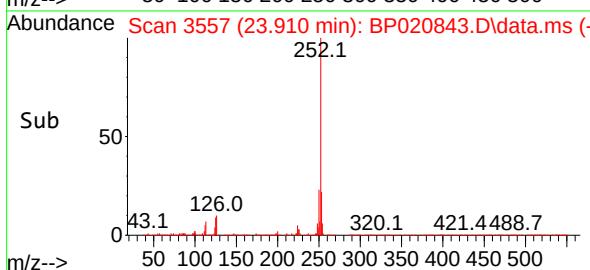
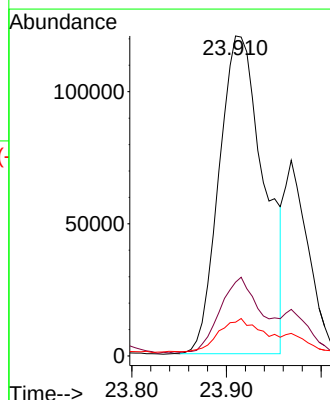
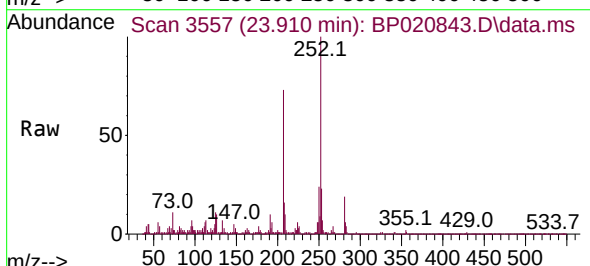
RT: 23.910 min Scan# 3557

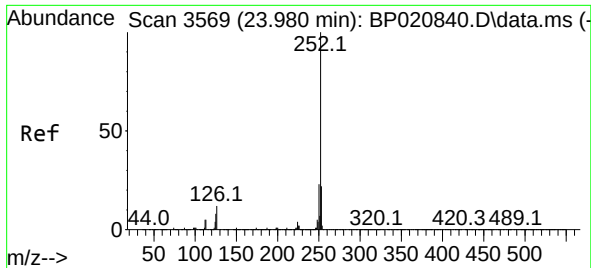
Delta R.T. 0.006 min

Lab File: BP020843.D

Acq: 08 Jul 2024 23:01

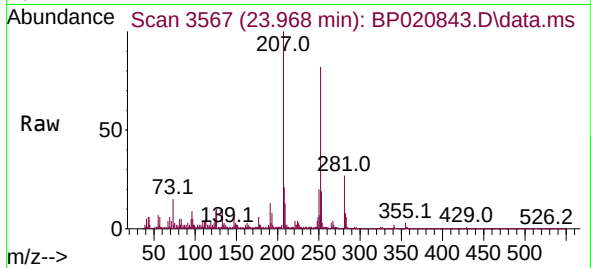
Tgt Ion:252	Resp: 396733
Ion Ratio	Lower Upper
252 100	
253 23.0	17.5 26.3
125 10.5	7.9 11.9





#91
Benzo(k)fluoranthene
Concen: 1.736 ng/u1
RT: 23.968 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP020843.D
Acq: 08 Jul 2024 23:01

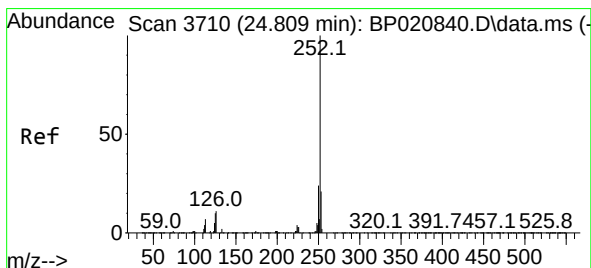
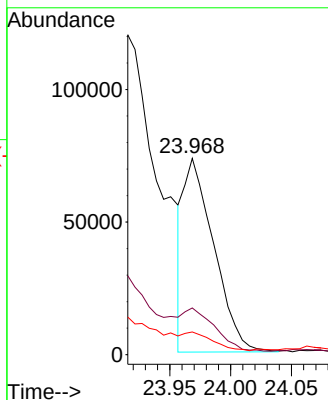
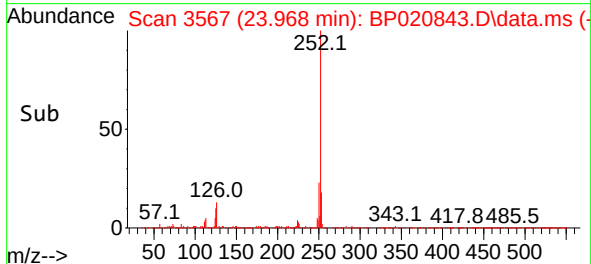
Instrument :
BNA_P
ClientSampleId :
A4CB8



Tgt Ion:252 Resp: 126390
Ion Ratio Lower Upper
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253 23.8 17.6 26.4
125 11.6 7.9 11.9

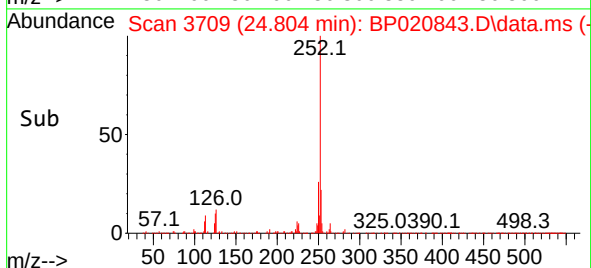
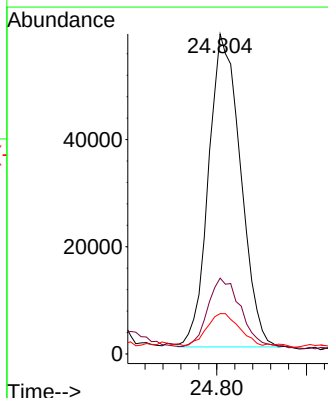
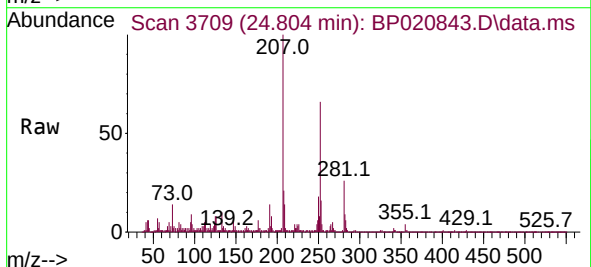
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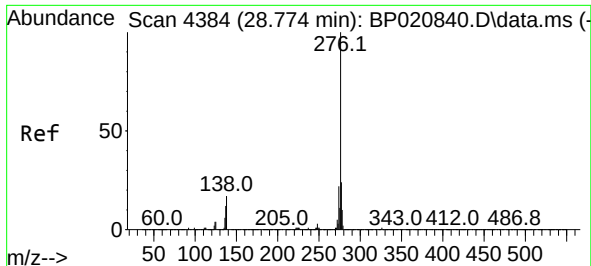
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#93
Benzo(a)pyrene
Concen: 2.127 ng/u1
RT: 24.804 min Scan# 3709
Delta R.T. -0.006 min
Lab File: BP020843.D
Acq: 08 Jul 2024 23:01

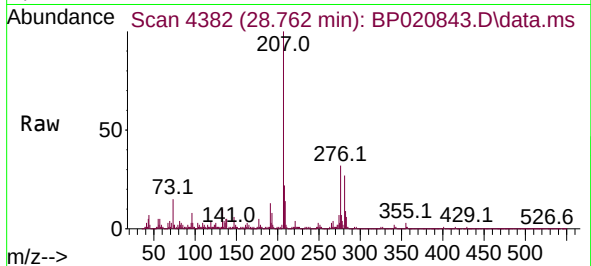
Tgt Ion:252 Resp: 144442
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 12.6 8.7 13.1





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.486 ng/ul
 RT: 28.762 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BP020843.D
 Acq: 08 Jul 2024 23:01

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 276 Resp: 12949
 Ion Ratio Lower Upper
 276 100
 138 17.0 15.2 22.8
 277 23.1 19.0 28.4

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