

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
 Data File : BP021093.D
 Acq On : 22 Jul 2024 19:06
 Operator : MA/JU
 Sample : P3215-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CJ7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 08:38:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	202562	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.440	136	854679	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	554835	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	1226739	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	1134272	20.000	ng/u1	-0.01
88) Perylene-d12	24.874	264	1368381	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	16400	3.684	ng/uL	0.00
4) Pyridine-d5	3.646	84	238360	18.496	ng/u1	-0.01
7) Phenol-d5	6.899	99	387062	23.438	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	214590	21.442	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.234	132	320153	23.530	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	316226	23.055	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	157736	23.761	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.546	143	181985	23.952	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	319940	23.287	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.593	131	382079	20.992	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	971941	24.098	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	1153037	25.460	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	141941	24.734	ng/u1	0.00
60) Fluorene-d10	15.322	176	889944	26.895	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	57890	7.799	ng/u1	0.00
73) Anthracene-d10	17.228	188	1373273	25.204	ng/u1	0.00
81) Pyrene-d10	19.610	212	1664362	23.734	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.651	264	1812329	26.854	ng/u1	-0.04
Target Compounds						
					Qvalue	
72) Phenanthrene	17.169	178	166011	2.609	ng/u1	99
80) Fluoranthene	19.257	202	304322	3.594	ng/u1	99
82) Pyrene	19.633	202	307026	3.563	ng/u1	97
85) Benzo(a)anthracene	21.545	228	149734	1.884	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.451	149	84169	1.629	ng/u1#	96
87) Chrysene	21.616	228	163255m	2.211	ng/u1	
90) Benzo(b)fluoranthene	23.833	252	210125	2.530	ng/u1#	90
93) Benzo(a)pyrene	24.710	252	144107	1.836	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	28.662	276	101594	1.005	ng/u1	93
96) Benzo(g,h,i)perylene	29.821	276	98637	1.198	ng/u1	93

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

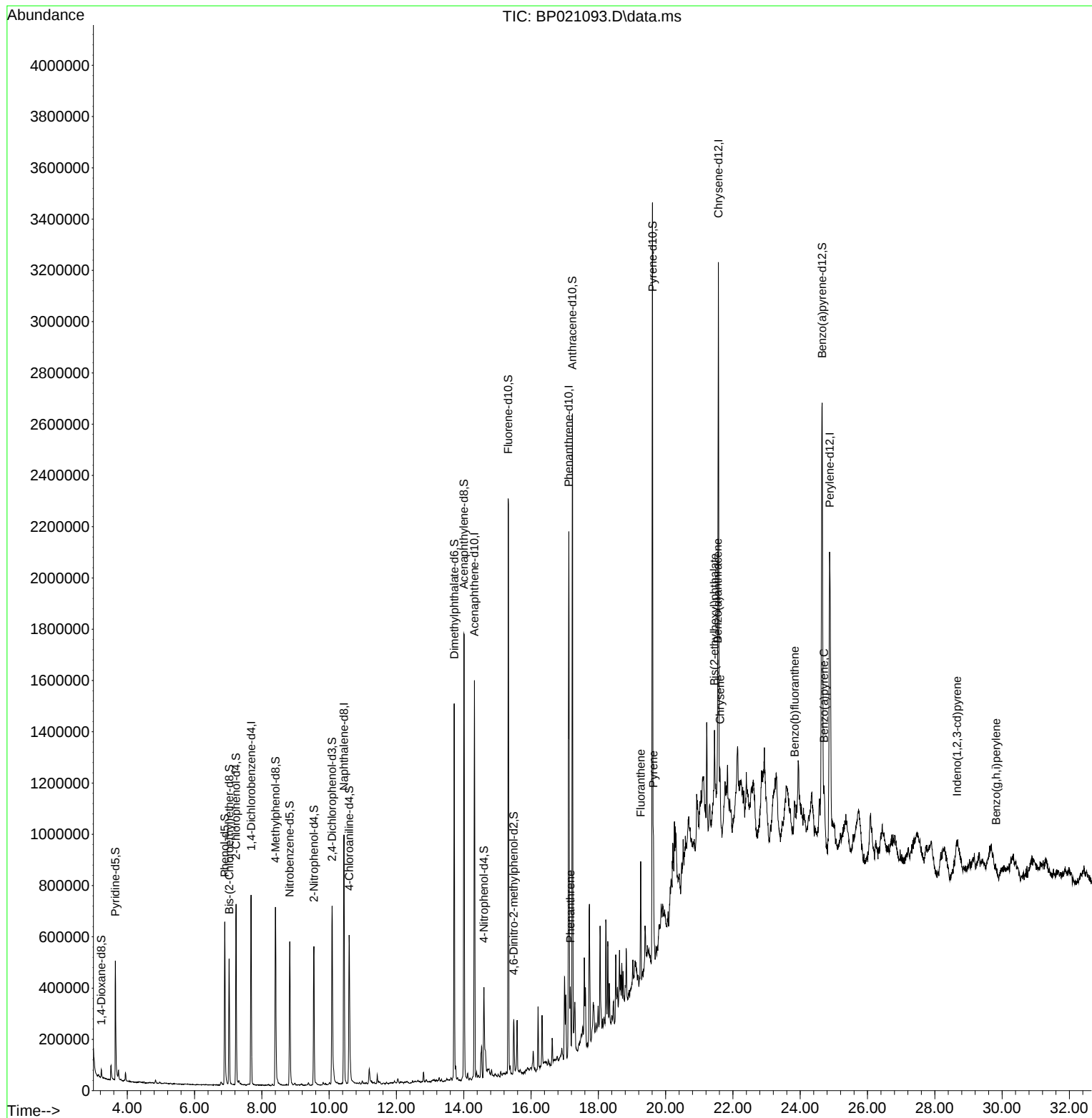
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
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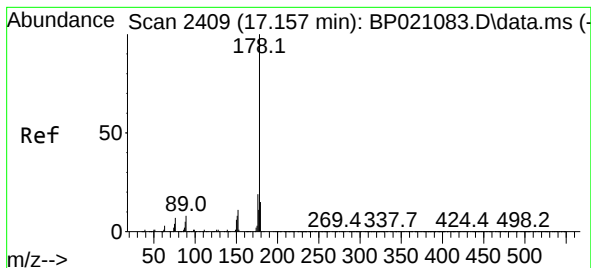
Instrument :
 BNA_P
 ClientSampleId :
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 Quant Title : SVOA CALIBRATION
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#72

Phenanthrene

Concen: 2.609 ng/u1

RT: 17.169 min Scan# 2409

Delta R.T. 0.000 min

Lab File: BP021093.D

Acq: 22 Jul 2024 19:06

Instrument :

BNA_P

ClientSampleId :

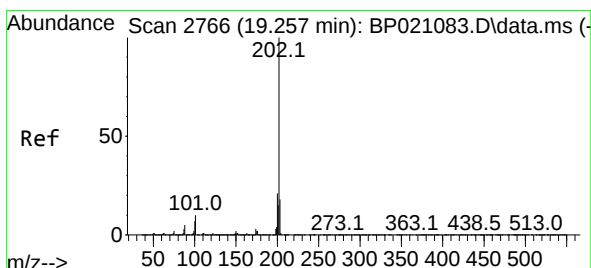
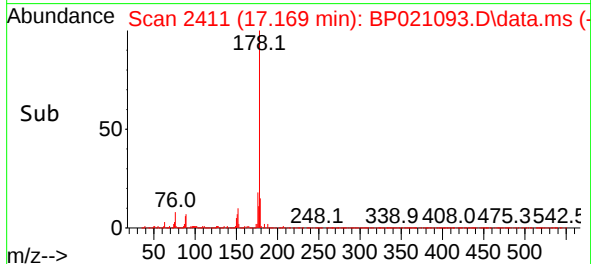
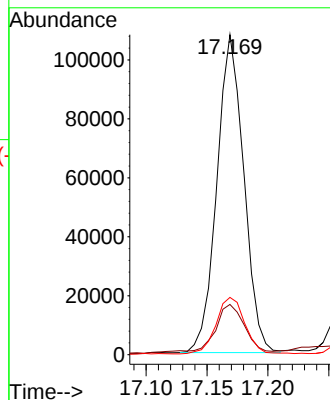
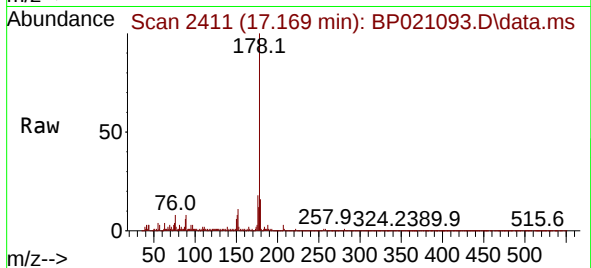
A4CJ7

Tgt Ion:178	Resp: 16601
Ion Ratio	Lower Upper
178 100	
179 15.7	12.2 18.4
176 17.9	15.0 22.4

Manual Integrations

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#80

Fluoranthene

Concen: 3.594 ng/u1

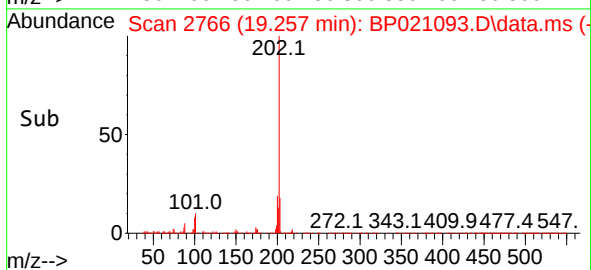
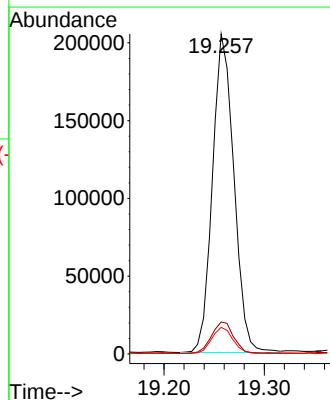
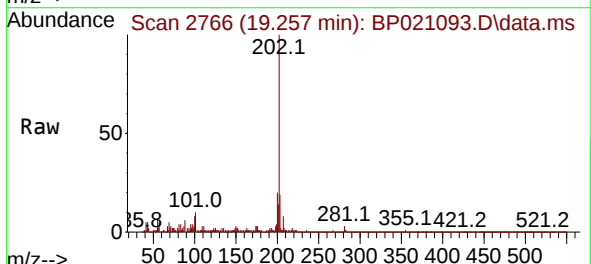
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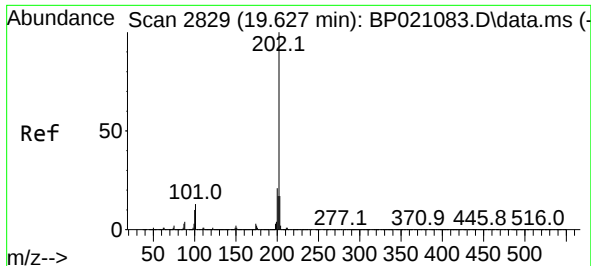
Delta R.T. -0.006 min

Lab File: BP021093.D

Acq: 22 Jul 2024 19:06

Tgt Ion:202	Resp: 304322
Ion Ratio	Lower Upper
202 100	
101 10.0	8.0 12.0
100 8.3	6.1 9.1





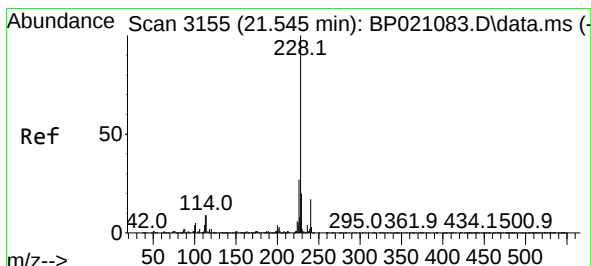
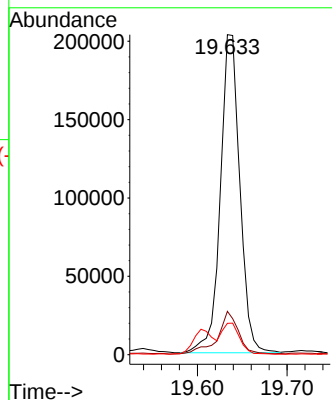
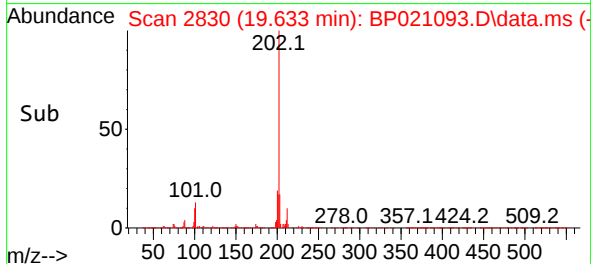
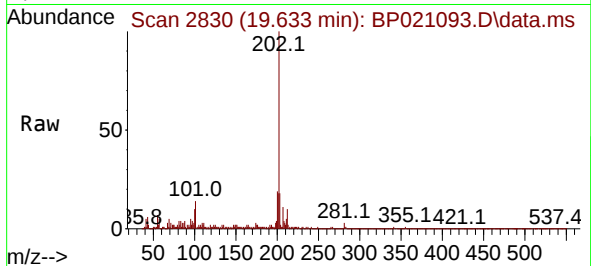
#82
Pyrene
Concen: 3.563 ng/ul
RT: 19.633 min Scan# 21093
Delta R.T. -0.012 min
Lab File: BP021093.D
Acq: 22 Jul 2024 19:06

Instrument :
BNA_P
ClientSampleId :
A4CJ7

Tgt Ion:202 Resp: 307020
Ion Ratio Lower Upper
202 100
101 13.6 9.4 14.2
100 9.8 7.8 11.6

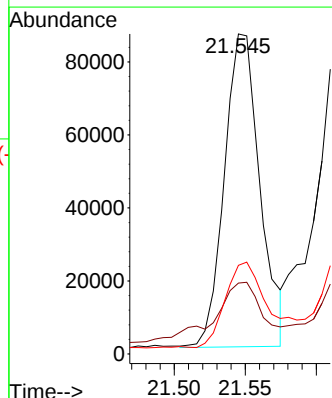
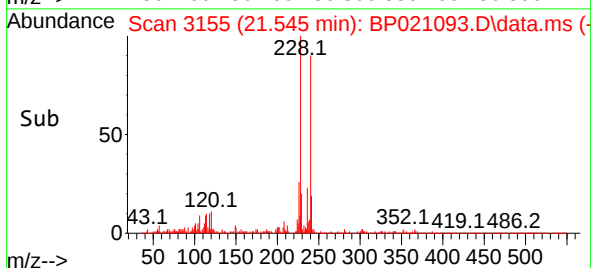
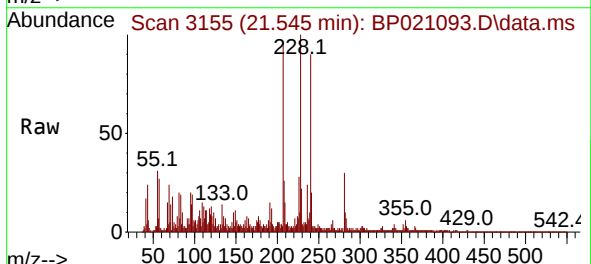
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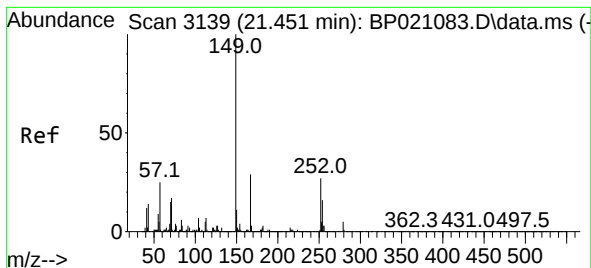
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#85
Benzo(a)anthracene
Concen: 1.884 ng/ul
RT: 21.545 min Scan# 3155
Delta R.T. -0.018 min
Lab File: BP021093.D
Acq: 22 Jul 2024 19:06

Tgt Ion:228 Resp: 149734
Ion Ratio Lower Upper
228 100
229 22.1 15.5 23.3
226 27.7 21.4 32.2





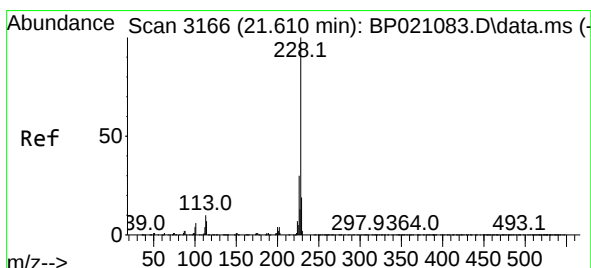
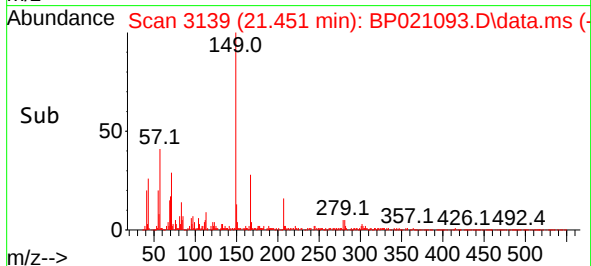
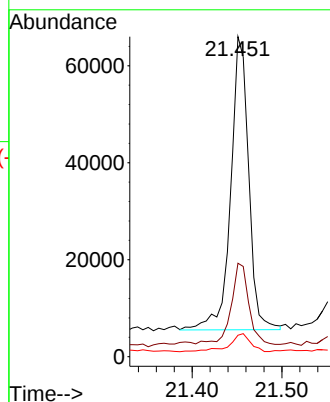
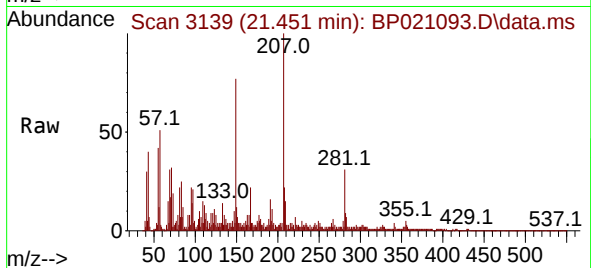
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.629 ng/ul
RT: 21.451 min Scan# 3139
Delta R.T. -0.017 min
Lab File: BP021093.D
Acq: 22 Jul 2024 19:06

Instrument :
BNA_P
ClientSampleId :
A4CJ7

Tgt Ion:149 Resp: 84169
Ion Ratio Lower Upper
149 100
167 29.2 22.1 33.1
279 6.7 3.7 5.5

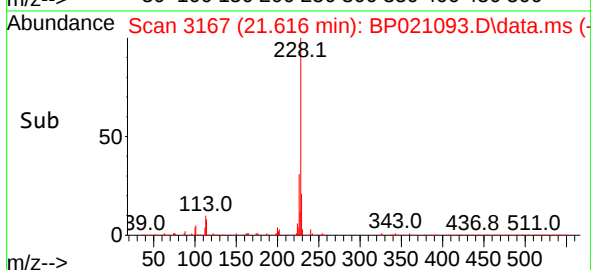
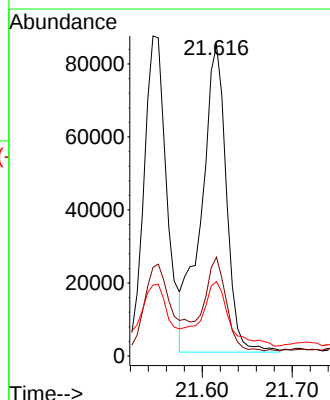
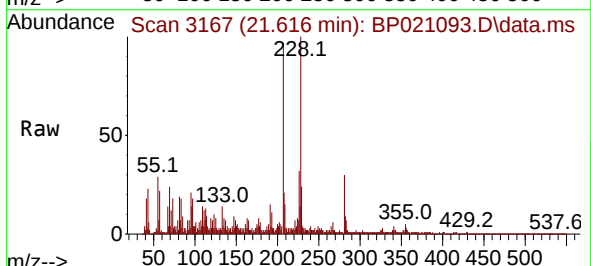
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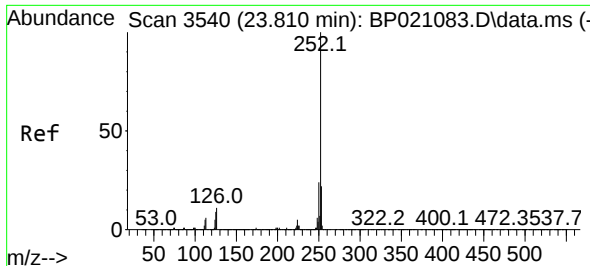
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#87
Chrysene
Concen: 2.211 ng/ul m
RT: 21.616 min Scan# 3167
Delta R.T. -0.012 min
Lab File: BP021093.D
Acq: 22 Jul 2024 19:06

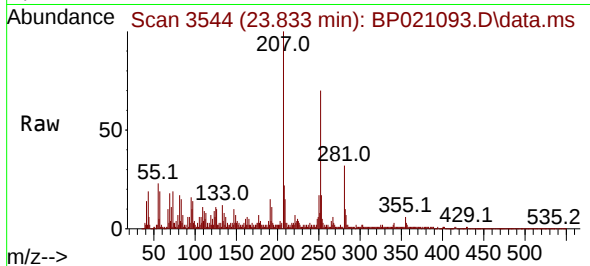
Tgt Ion:228 Resp: 163255
Ion Ratio Lower Upper
228 100
226 31.8 23.6 35.4
229 23.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.530 ng/ul
RT: 23.833 min Scan# 3544
Delta R.T. -0.018 min
Lab File: BP021093.D
Acq: 22 Jul 2024 19:06

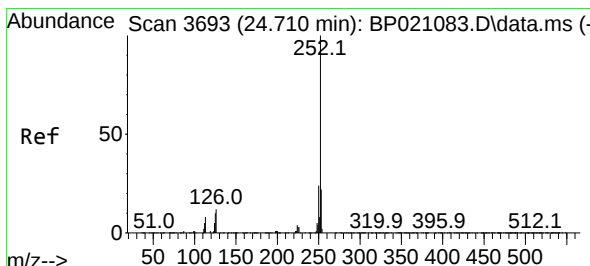
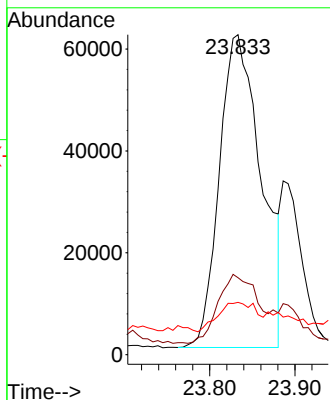
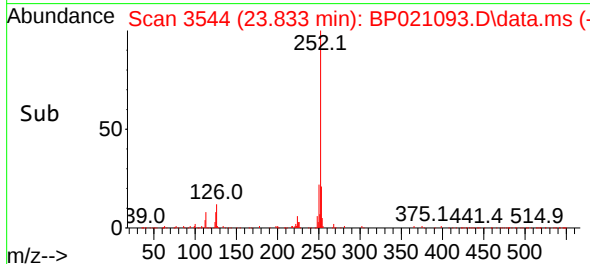
Instrument :
BNA_P
ClientSampleId :
A4CJ7



Tgt Ion:252 Resp: 21012
Ion Ratio Lower Upper
252 100
253 24.0 17.1 25.7
125 16.3 7.0 10.4

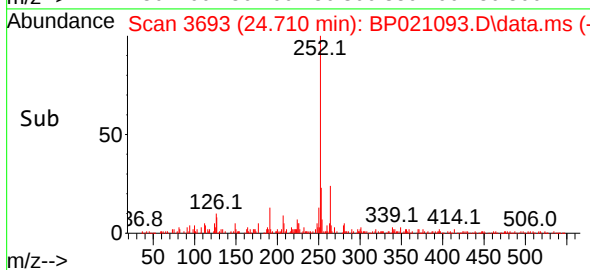
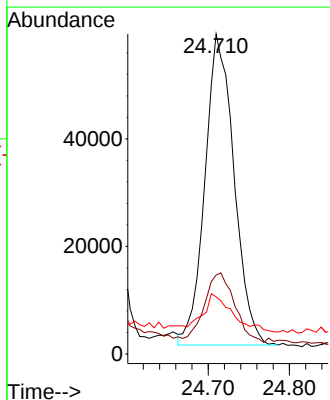
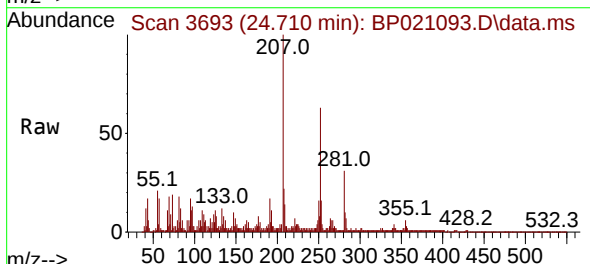
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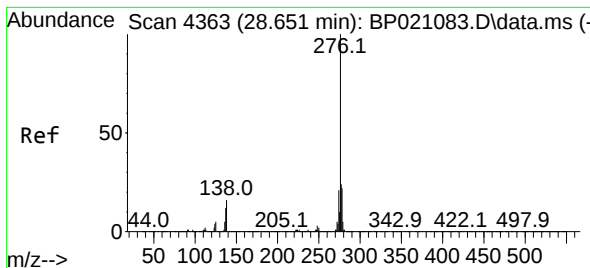
Reviewed By :Jagrut Upadhyay 07/24/2024
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#93
Benzo(a)pyrene
Concen: 1.836 ng/ul
RT: 24.710 min Scan# 3693
Delta R.T. -0.053 min
Lab File: BP021093.D
Acq: 22 Jul 2024 19:06

Tgt Ion:252 Resp: 144107
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 17.8 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.005 ng/ul

RT: 28.662 min Scan# 41

Delta R.T. -0.041 min

Lab File: BP021093.D

Acq: 22 Jul 2024 19:06

Instrument :

BNA_P

ClientSampleId :

A4CJ7

Tgt Ion:276 Resp: 101594

Ion Ratio Lower Upper

276 100

138 21.4 14.3 21.5

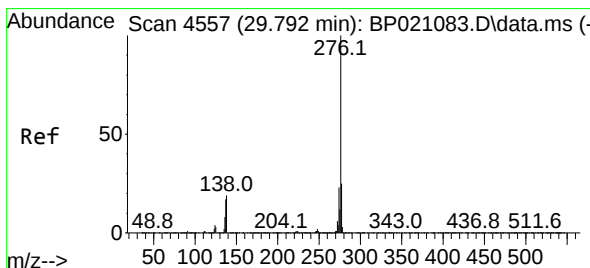
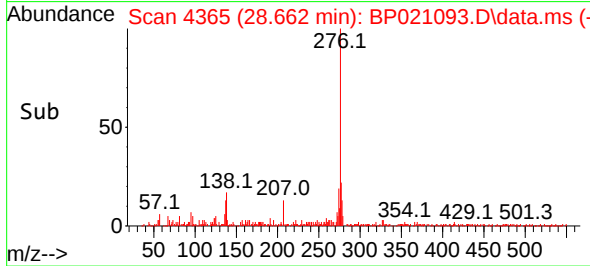
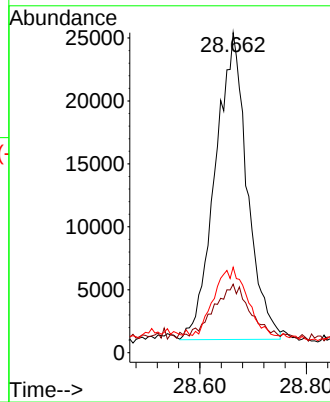
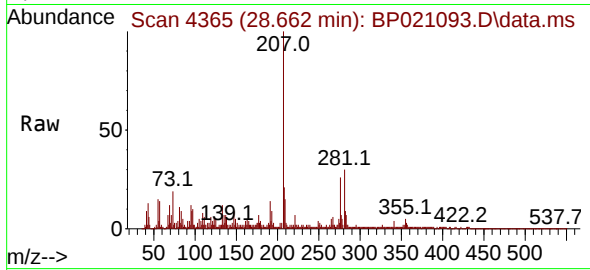
277 26.7 19.2 28.8

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.198 ng/ul

RT: 29.821 min Scan# 4562

Delta R.T. -0.029 min

Lab File: BP021093.D

Acq: 22 Jul 2024 19:06

Tgt Ion:276 Resp: 98637

Ion Ratio Lower Upper

276 100

138 22.5 15.3 22.9

277 26.2 18.2 27.2

