

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
 Data File : BP021790.D
 Acq On : 03 Sep 2024 16:20
 Operator : RC/JU
 Sample : P3438-01DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCUT5DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
 Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 04 09:20:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 29 23:56:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	275939	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1105784	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	703380	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.234	188	1492057	20.000	ng/u1	0.00
79) Chrysene-d12	21.686	240	1502366	20.000	ng/u1	0.02
88) Perylene-d12	25.086	264	1772304	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	12654	1.522	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.952	99	252875	8.587	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	138797	8.661	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	168198	8.847	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	189017	8.306	ng/u1	0.00
21) Nitrobenzene-d5	8.922	128	78606	8.836	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.646	143	73007	8.085	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	190746	10.719	ng/u1	0.00
31) 4-Chloroaniline-d4	10.693	131	146578	5.662	ng/u1	0.00
46) Dimethylphthalate-d6	13.822	166	482937	8.973	ng/u1	-0.02
49) Acenaphthylene-d8	14.116	160	566028	9.367	ng/u1	0.00
54) 4-Nitrophenol-d4	14.634	143	71893	7.021	ng/u1	0.00
60) Fluorene-d10	15.434	176	430192	9.507	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.540	200	42506	5.180	ng/u1	-0.02
73) Anthracene-d10	17.334	188	664492	9.384	ng/u1	0.00
81) Pyrene-d10	19.710	212	852028	9.921	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.857	264	911195	9.642	ng/u1	0.02
Target Compounds						
					Qvalue	
52) Acenaphthene	14.487	153	2275806	49.797	ng/u1	100
61) Fluorene	15.493	166	1797395	35.146	ng/u1	99
71) Pentachlorophenol	16.875	266	518405	41.424	ng/u1	98
72) Phenanthrene	17.275	178	2779636	33.933	ng/u1	99
74) Anthracene	17.369	178	935136	11.269	ng/u1	99
80) Fluoranthene	19.369	202	2568300	25.627	ng/u1	99
82) Pyrene	19.745	202	6094101	57.415	ng/u1	98
85) Benzo(a)anthracene	21.663	228	2481446	23.219	ng/u1	100
87) Chrysene	21.733	228	1483800	14.753	ng/u1	100
90) Benzo(b)fluoranthene	24.016	252	1406130	12.680	ng/u1	99
91) Benzo(k)fluoranthene	24.080	252	2268585	20.896	ng/u1	100
93) Benzo(a)pyrene	24.933	252	1026186	10.044	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	29.039	276	1550946m	11.774	ng/u1	
95) Dibenzo(a,h)anthracene	29.045	278	4083501	38.576	ng/u1	100

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

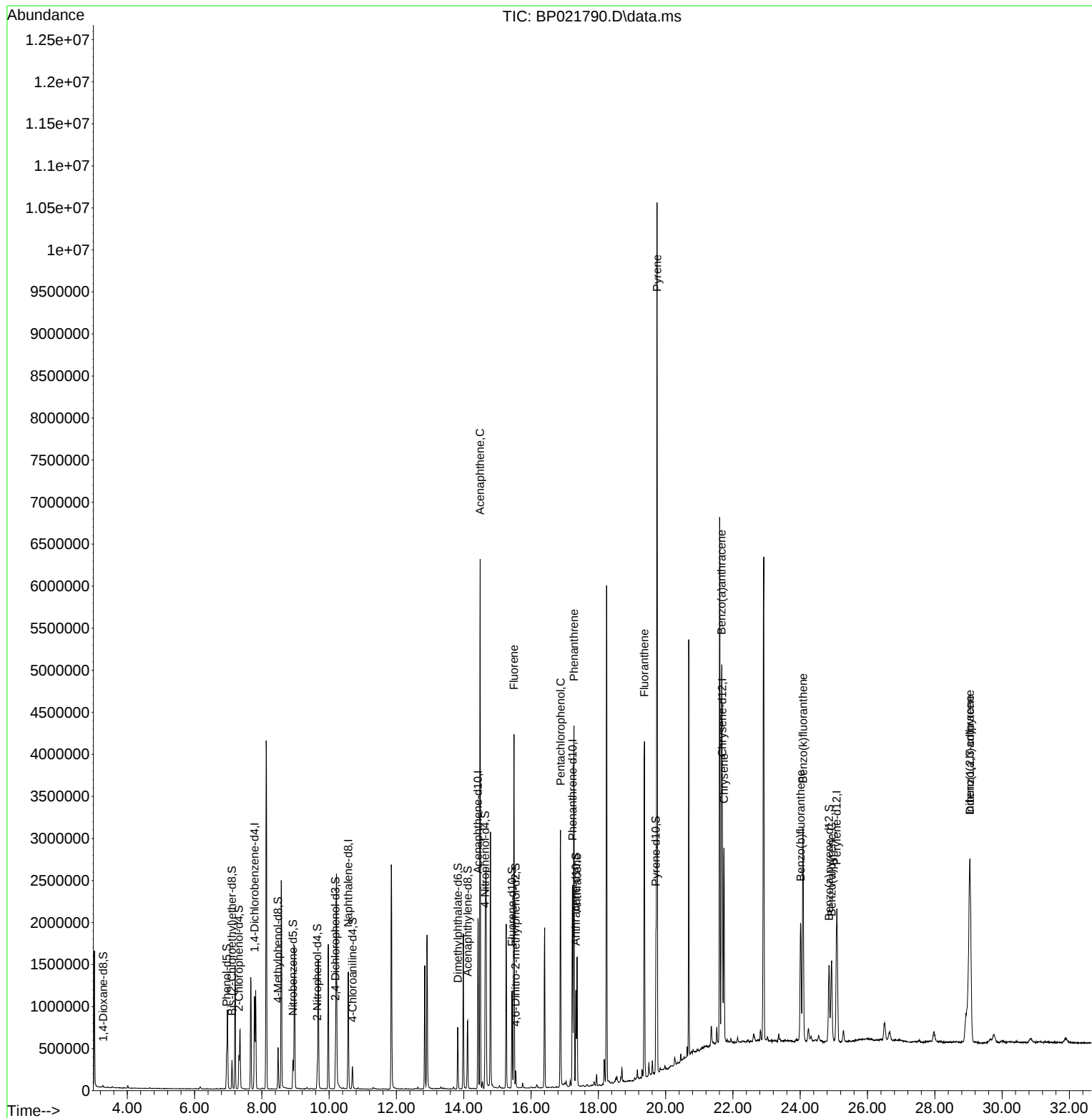
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021790.D
Acq On : 03 Sep 2024 16:20
Operator : RC/JU
Sample : P3438-01DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

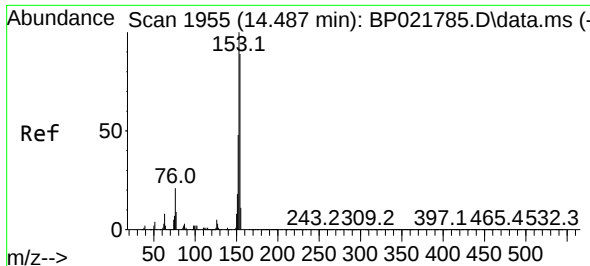
Instrument :
BNA_P
ClientSampleId :
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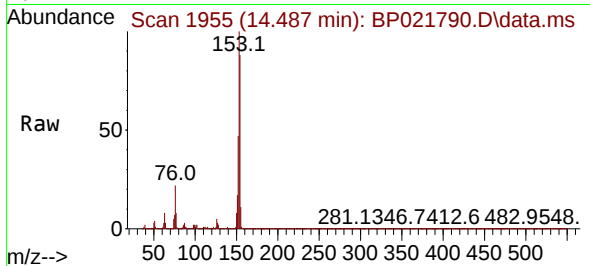
Quant Time: Sep 04 09:20:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration





#52
Acenaphthene
Concen: 49.797 ng/ul
RT: 14.487 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP021790.D
Acq: 03 Sep 2024 16:20

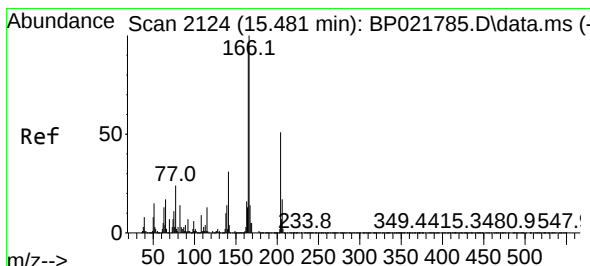
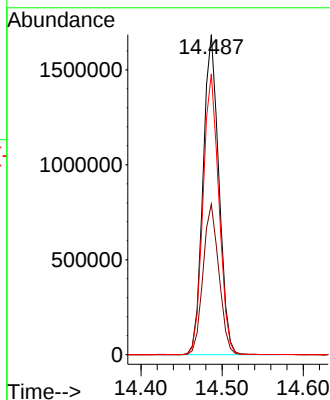
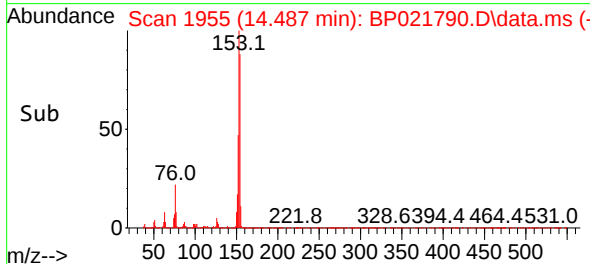
Instrument :
BNA_P
ClientSampleId :
DCUT5DL



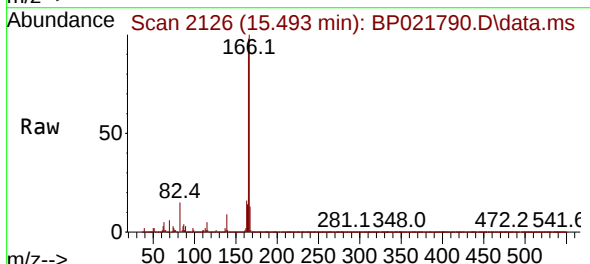
Tgt Ion:153 Resp: 2275800
Ion Ratio Lower Upper
153 100
152 47.0 38.0 57.0
154 87.8 70.2 105.4

Manual Integrations
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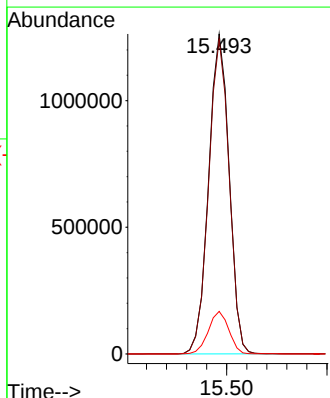
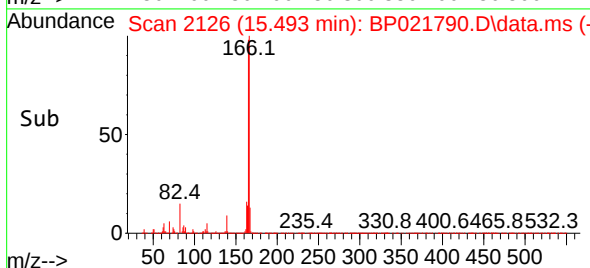
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/07/2024

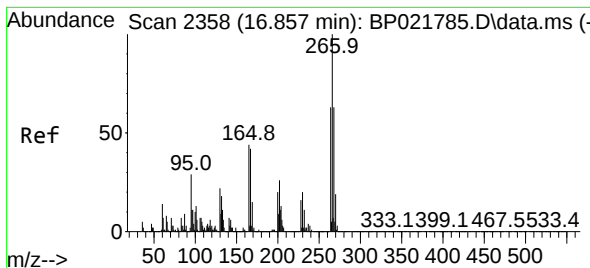


#61
Fluorene
Concen: 35.146 ng/ul
RT: 15.493 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP021790.D
Acq: 03 Sep 2024 16:20



Tgt Ion:166 Resp: 1797395
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 13.3 10.8 16.2





#71

Pentachlorophenol

Concen: 41.424 ng/ul

RT: 16.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021790.D

Acq: 03 Sep 2024 16:20

Instrument :

BNA_P

ClientSampleId :

DCUT5DL

Tgt Ion:266 Resp: 51840

Ion Ratio Lower Upper

266 100

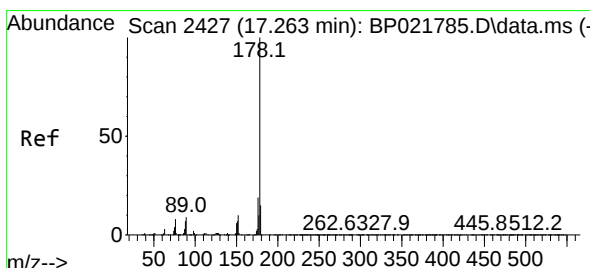
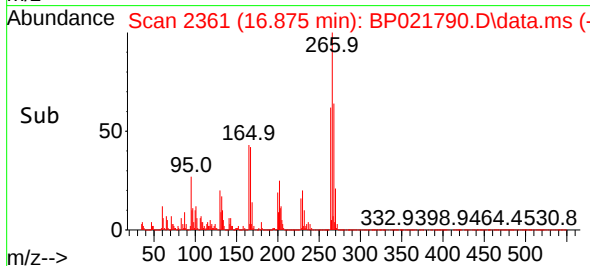
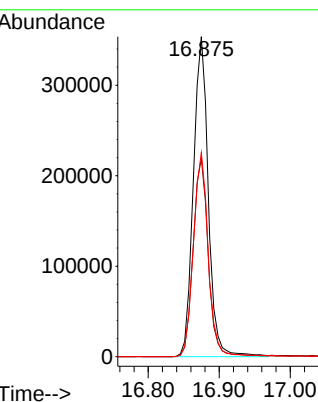
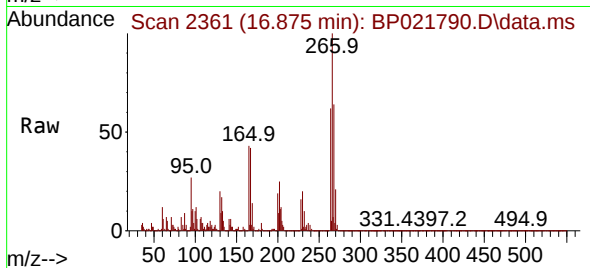
264 61.9 51.4 77.0

268 63.8 50.6 75.8

Manual Integrations

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#72

Phenanthrene

Concen: 33.933 ng/ul

RT: 17.275 min Scan# 2429

Delta R.T. -0.000 min

Lab File: BP021790.D

Acq: 03 Sep 2024 16:20

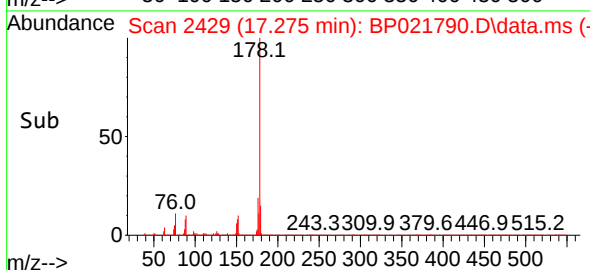
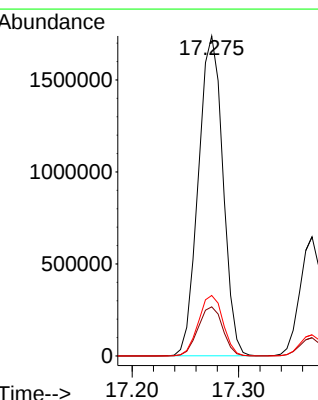
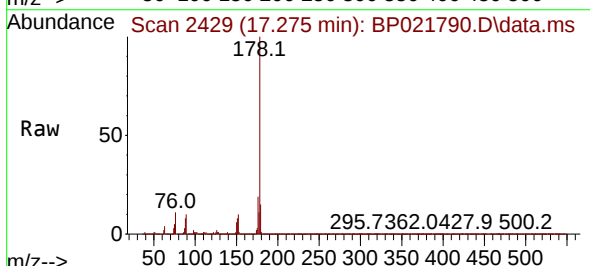
Tgt Ion:178 Resp: 2779636

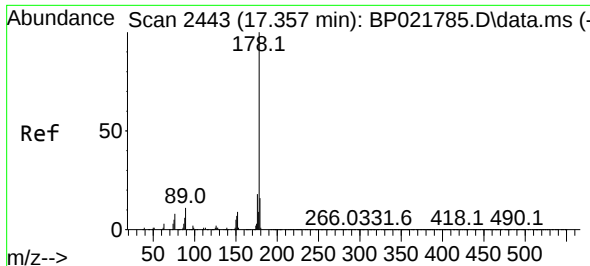
Ion Ratio Lower Upper

178 100

179 15.4 12.0 18.0

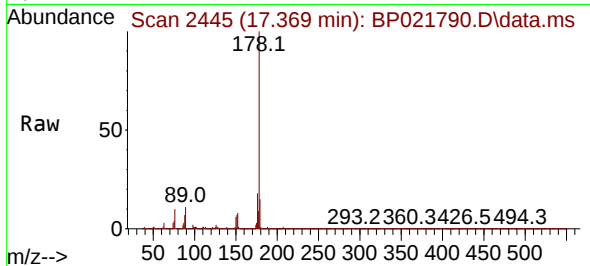
176 18.9 14.8 22.2





#74
 Anthracene
 Concen: 11.269 ng/u1
 RT: 17.369 min Scan# 2443
 Delta R.T. -0.000 min
 Lab File: BP021790.D
 Acq: 03 Sep 2024 16:20

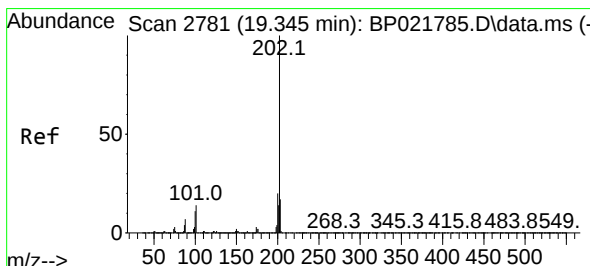
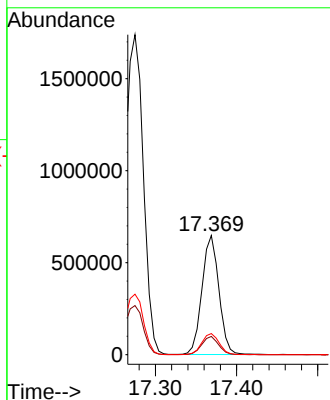
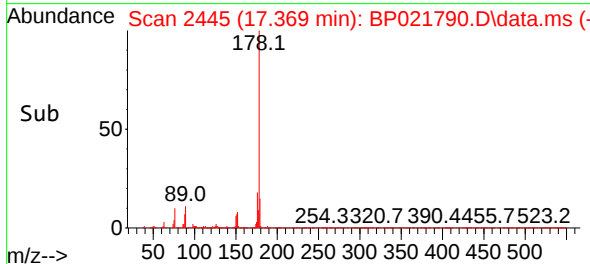
Instrument :
 BNA_P
 ClientSampleId :
 DCUT5DL



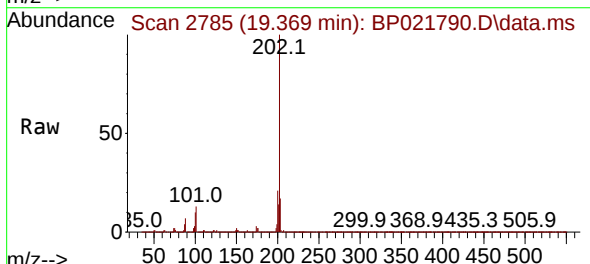
Tgt Ion:178 Resp: 935130
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.3 18.5
 176 17.8 14.6 21.8

Manual Integrations
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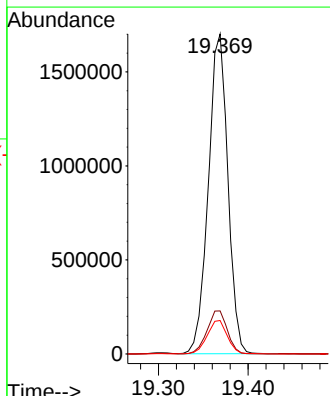
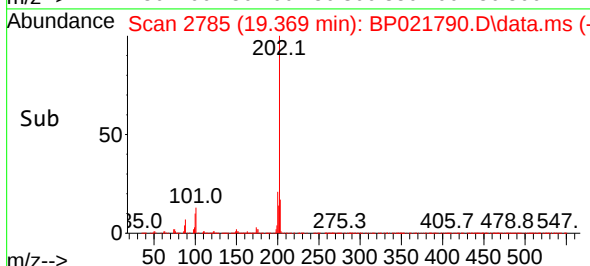
Reviewed By :Jagrut Upadhyay 09/04/2024
 Supervised By :mohammad ahmed 09/07/2024

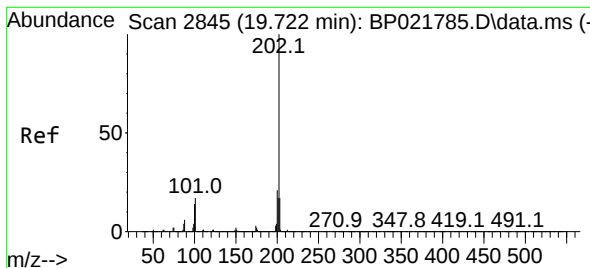


#80
 Fluoranthene
 Concen: 25.627 ng/u1
 RT: 19.369 min Scan# 2785
 Delta R.T. 0.024 min
 Lab File: BP021790.D
 Acq: 03 Sep 2024 16:20



Tgt Ion:202 Resp: 2568300
 Ion Ratio Lower Upper
 202 100
 101 13.5 11.2 16.8
 100 10.5 8.5 12.7





#82

Pyrene

Concen: 57.415 ng/ul

RT: 19.745 min Scan# 2849

Delta R.T. 0.024 min

Lab File: BP021790.D

Acq: 03 Sep 2024 16:20

Instrument :

BNA_P

ClientSampleId :

DCUT5DL

Tgt Ion:202 Resp: 609410

Ion Ratio Lower Upper

202 100

101 15.2 12.8 19.2

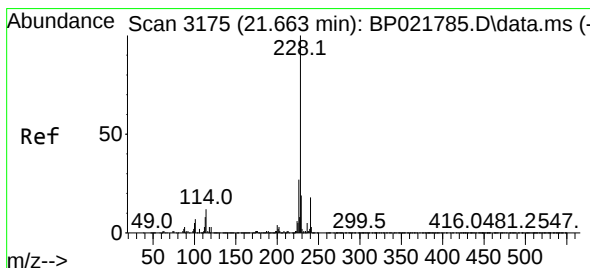
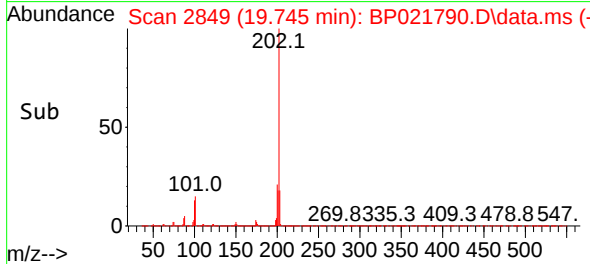
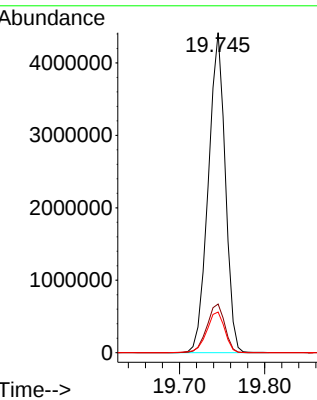
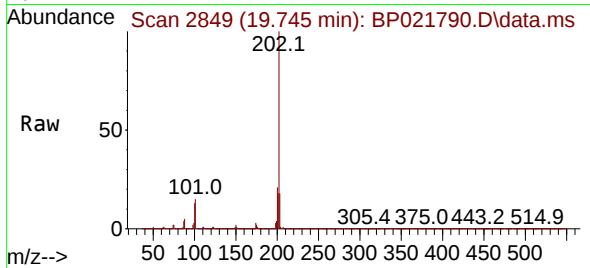
100 12.7 10.8 16.2

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 23.219 ng/ul

RT: 21.663 min Scan# 3175

Delta R.T. 0.018 min

Lab File: BP021790.D

Acq: 03 Sep 2024 16:20

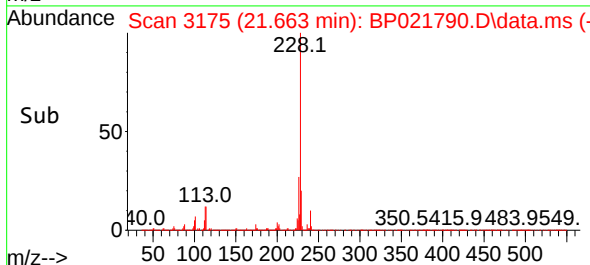
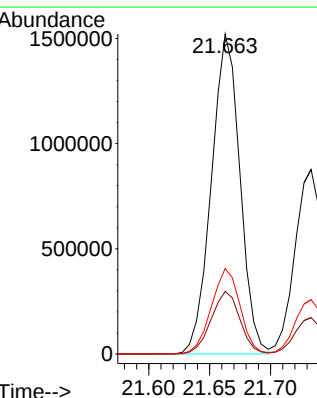
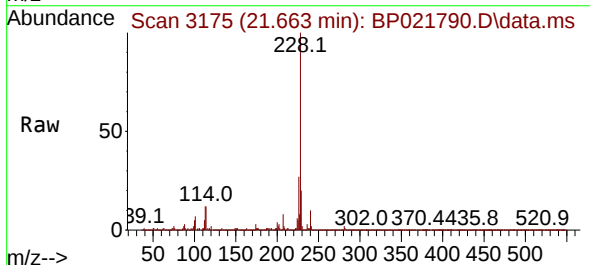
Tgt Ion:228 Resp: 2481446

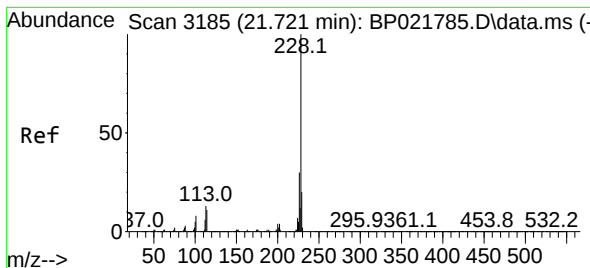
Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

226 26.7 21.7 32.5





#87

Chrysene

Concen: 14.753 ng/ul

RT: 21.733 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP021790.D

Acq: 03 Sep 2024 16:20

Instrument :

BNA_P

ClientSampleId :

DCUT5DL

Tgt Ion:228 Resp: 1483800

Ion Ratio Lower Upper

228 100

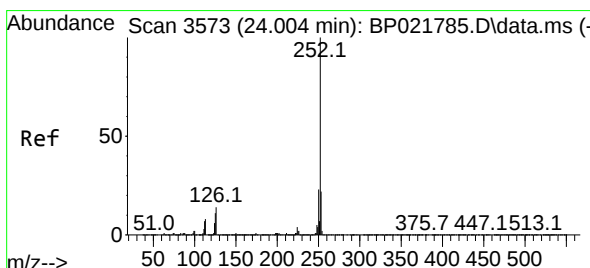
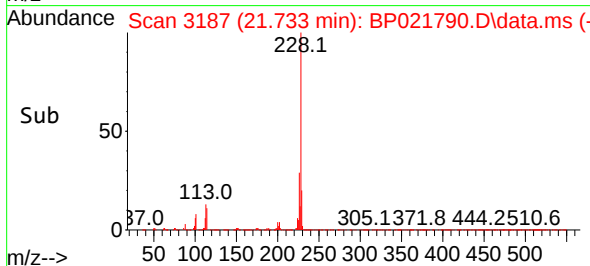
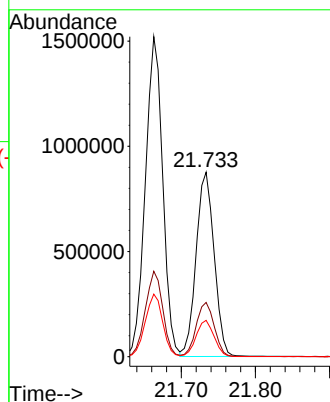
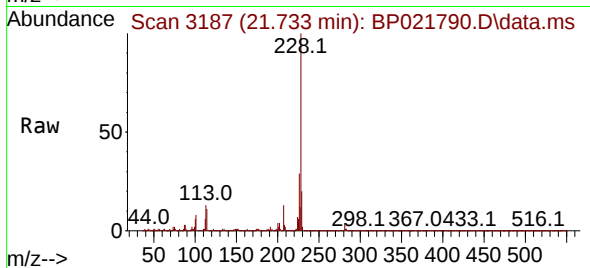
226 29.4 23.5 35.3

229 19.7 15.6 23.4

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 12.680 ng/ul

RT: 24.016 min Scan# 3575

Delta R.T. 0.024 min

Lab File: BP021790.D

Acq: 03 Sep 2024 16:20

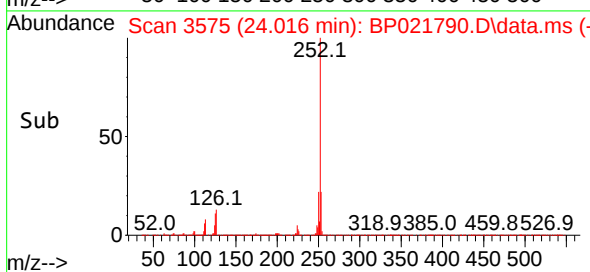
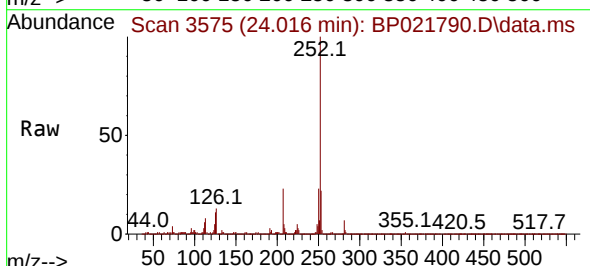
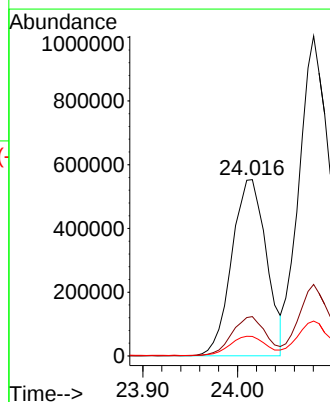
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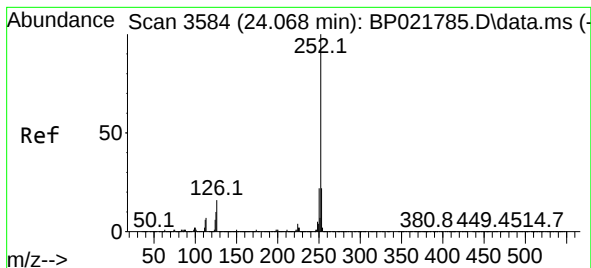
Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 11.1 8.6 12.8





#91

Benzo(k)fluoranthene

Concen: 20.896 ng/u1

RT: 24.080 min Scan# 3

Delta R.T. 0.024 min

Lab File: BP021790.D

Acq: 03 Sep 2024 16:20

Instrument :

BNA_P

ClientSampleId :

DCUT5DL

Tgt Ion:252 Resp: 226858

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

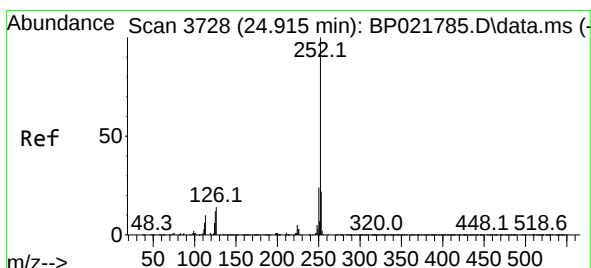
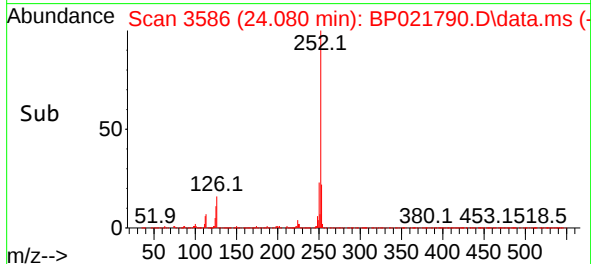
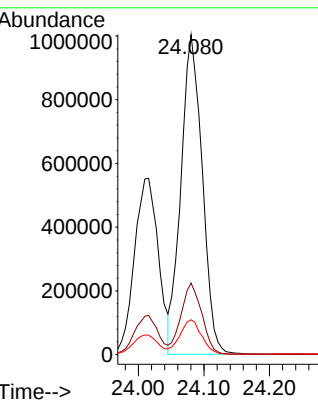
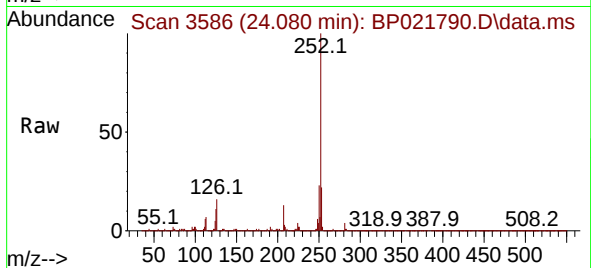
125 10.9 8.6 13.0

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 10.044 ng/u1

RT: 24.933 min Scan# 3731

Delta R.T. 0.024 min

Lab File: BP021790.D

Acq: 03 Sep 2024 16:20

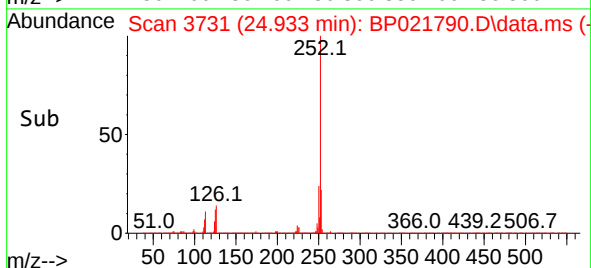
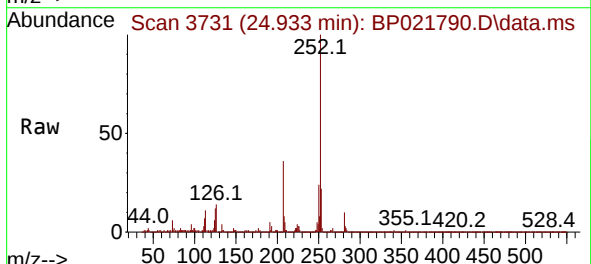
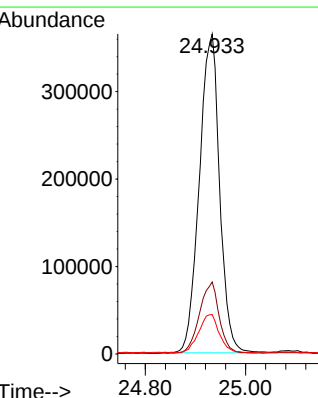
Tgt Ion:252 Resp: 1026186

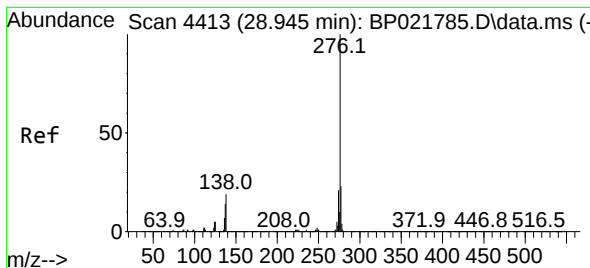
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 12.4 9.6 14.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 11.774 ng/ul m

RT: 29.039 min Scan# 4413

Delta R.T. 0.112 min

Lab File: BP021790.D

Acq: 03 Sep 2024 16:20

Instrument :

BNA_P

ClientSampleId :

DCUT5DL

Tgt Ion:276 Resp: 1550940

Ion Ratio Lower Upper

276 100

138 50.0 14.9 22.3

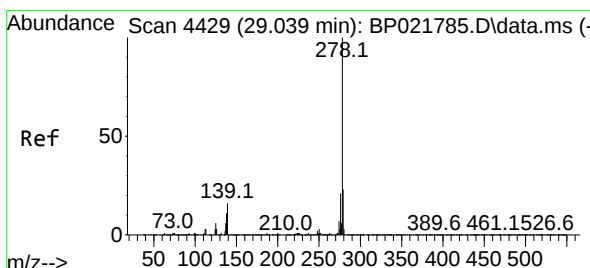
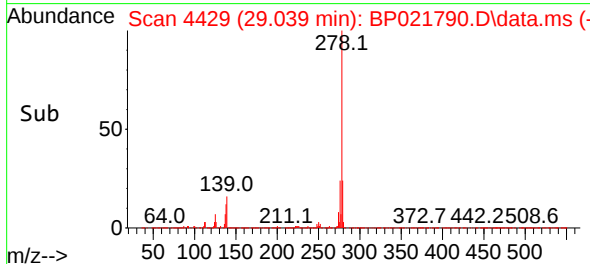
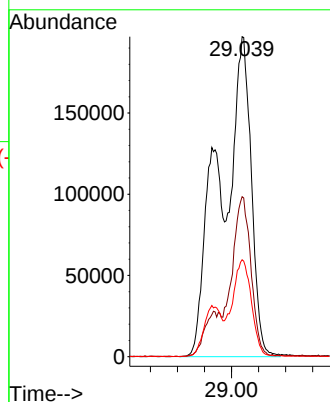
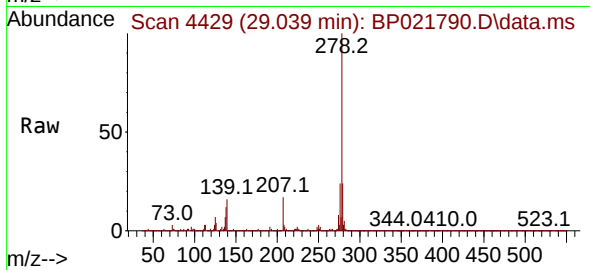
277 30.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024

Supervised By :mohammad ahmed 09/07/2024



#95

Dibenzo(a,h)anthracene

Concen: 38.576 ng/ul

RT: 29.045 min Scan# 4430

Delta R.T. 0.029 min

Lab File: BP021790.D

Acq: 03 Sep 2024 16:20

Tgt Ion:278 Resp: 4083501

Ion Ratio Lower Upper

278 100

139 16.2 12.7 19.1

279 23.4 18.9 28.3

