

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020906.D
 Acq On : 11 Jul 2024 16:40
 Operator : MA/JU
 Sample : P3088-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D02

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Supervised By :mohammad
 ahmed
 07/13/2024

Quant Time: Jul 11 23:26:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	205010	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.486	136	839228	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	549046	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.168	188	1118597	20.000	ng/ul	-0.01
79) Chrysene-d12	21.621	240	1066890	20.000	ng/ul	0.00
88) Perylene-d12	24.968	264	1252652	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	9198	2.042	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.910	99	181428	10.855	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.057	67	142657	14.084	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	186592	13.550	ng/ul	0.00
15) 4-Methylphenol-d8	8.428	113	146809	10.576	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	89315	13.702	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	97360	13.050	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	165650	12.279	ng/ul	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.757	166	577380	14.466	ng/ul	-0.01
49) Acenaphthylene-d8	14.045	160	637863	14.233	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	5847m	1.030	ng/ul	0.02
60) Fluorene-d10	15.363	176	491805	15.020	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	61669	9.112	ng/ul	0.00
73) Anthracene-d10	17.263	188	730054	14.694	ng/ul	-0.01
81) Pyrene-d10	19.645	212	723234	10.965	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.745	264	516562	8.361	ng/ul	-0.01
Target Compounds					Qvalue	
6) Benzaldehyde	6.887	77	147114	17.459	ng/ul	98
72) Phenanthrene	17.210	178	482576	8.316	ng/ul	100
74) Anthracene	17.304	178	100184	1.694	ng/ul	97
78) Di-n-butylphthalate	18.174	149	85798	1.286	ng/ul#	97
80) Fluoranthene	19.304	202	1006846	12.640	ng/ul	99
82) Pyrene	19.680	202	720726	8.892	ng/ul	99
85) Benzo(a)anthracene	21.604	228	467281	6.252	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.527	149	85234	1.754	ng/ul	97
87) Chrysene	21.674	228	549765	7.916	ng/ul	98
90) Benzo(b)fluoranthene	23.915	252	690264	9.080	ng/ul#	96
91) Benzo(k)fluoranthene	23.974	252	299144m	3.943	ng/ul	
93) Benzo(a)pyrene	24.809	252	236626	3.294	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.791	276	246106	2.659	ng/ul	98
95) Dibenzo(a,h)anthracene	28.838	278	100234m	1.308	ng/ul	

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

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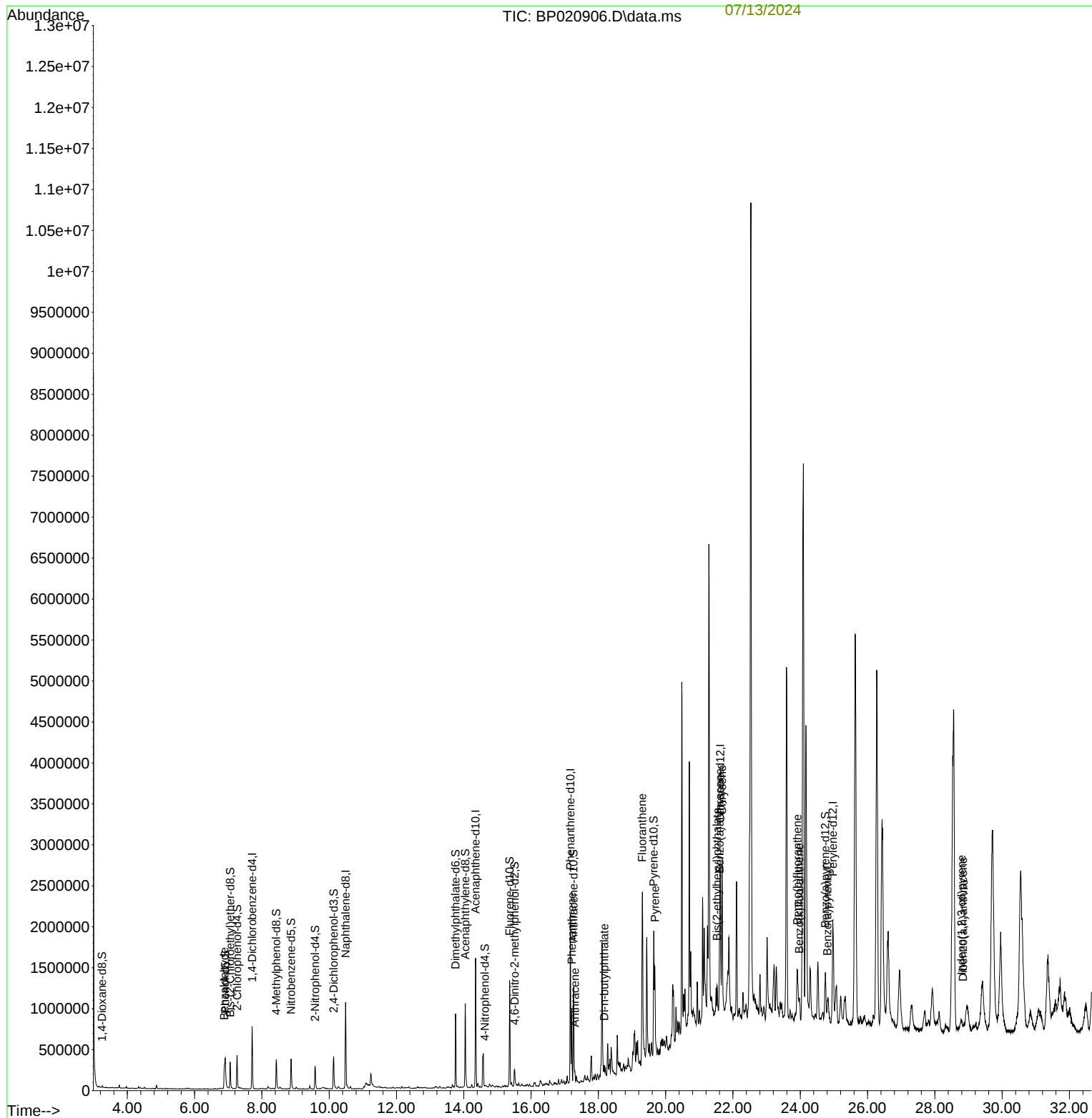
Instrument :
BNA_P
ClientSampleId :
A4D02

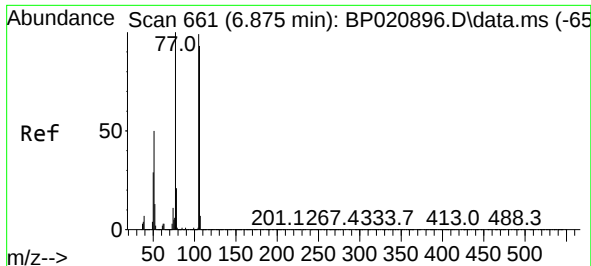
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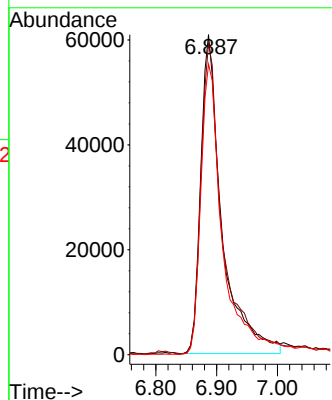
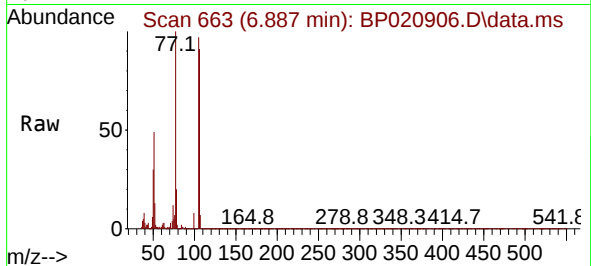
#6
Benzaldehyde
Concen: 17.459 ng/ul
RT: 6.887 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP020906.D
Acq: 11 Jul 2024 16:40

Instrument :
BNA_P
ClientSampleId :
A4D02

Tgt Ion: 77 Resp: 147114
Ion Ratio Lower Upper
77 100
105 97.2 79.3 118.9
106 90.8 74.6 112.0

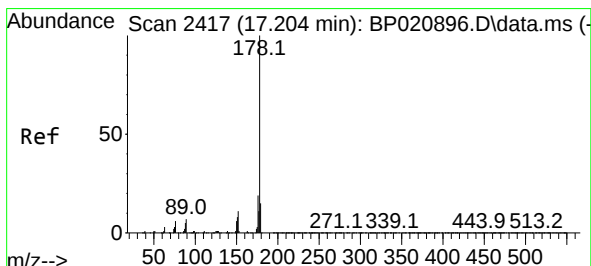
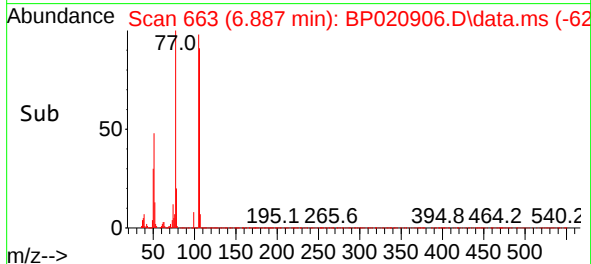
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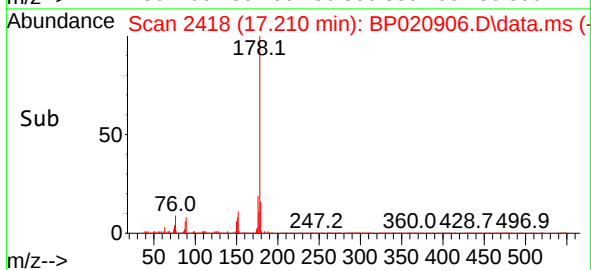
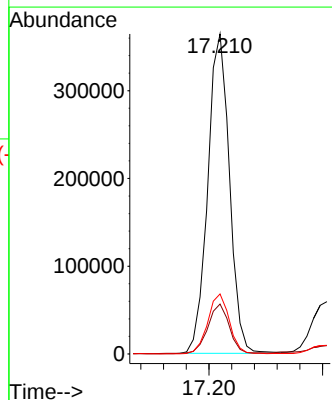
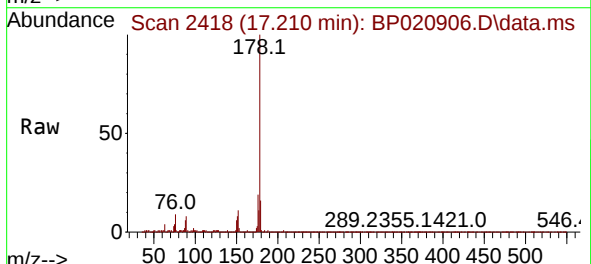
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ahmed

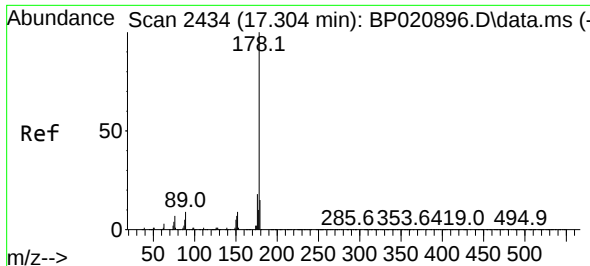
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#72
Phenanthrene
Concen: 8.316 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP020906.D
Acq: 11 Jul 2024 16:40

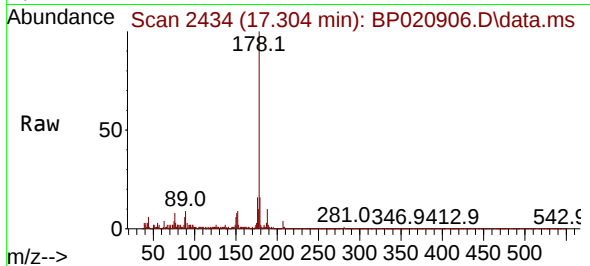
Tgt Ion:178 Resp: 482576
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 18.8 15.0 22.4





#74
 Anthracene
 Concen: 1.694 ng/ul
 RT: 17.304 min Scan# 2434
 Delta R.T. -0.000 min
 Lab File: BP020906.D
 Acq: 11 Jul 2024 16:40

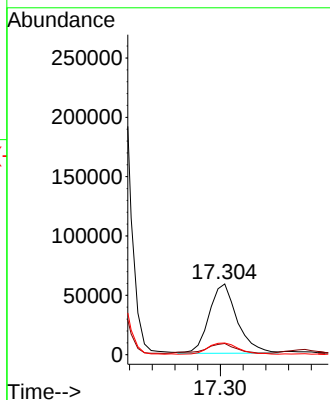
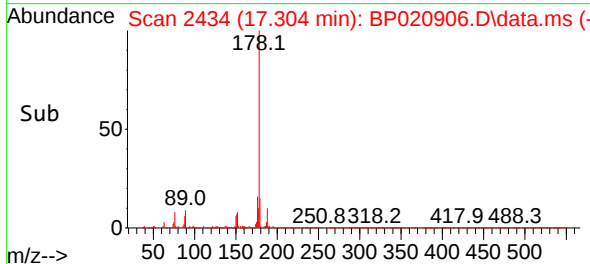
Instrument :
 BNA_P
 ClientSampleId :
 A4D02



Tgt Ion:178 Resp: 100184
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.5 18.7
 176 16.4 14.8 22.2

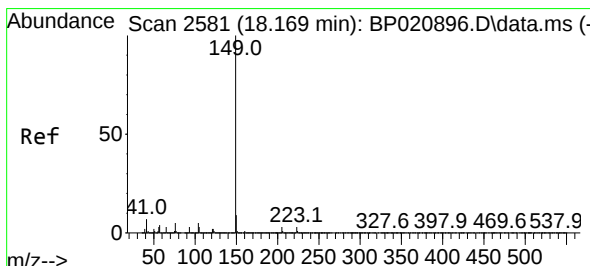
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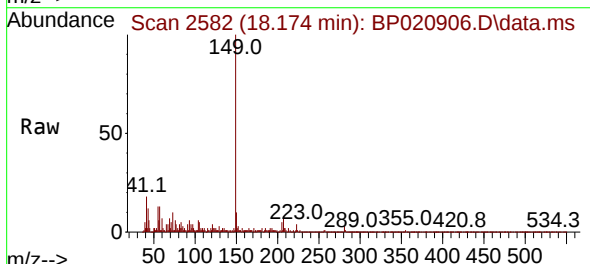


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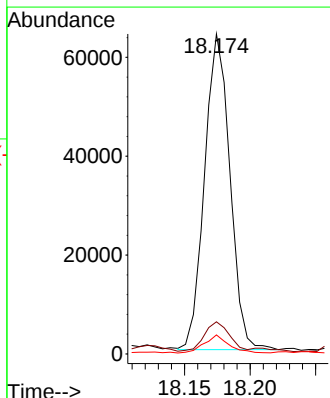
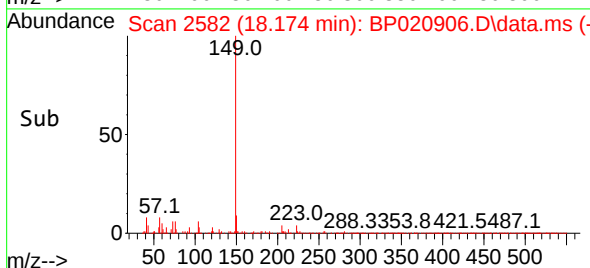
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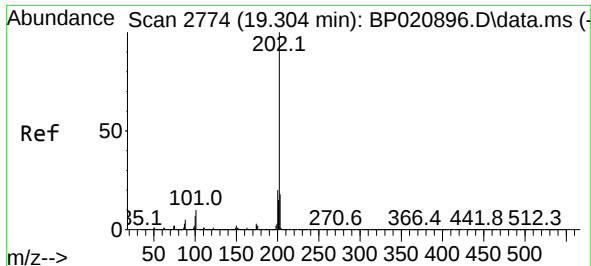


#78
 Di-n-butylphthalate
 Concen: 1.286 ng/ul
 RT: 18.174 min Scan# 2582
 Delta R.T. -0.006 min
 Lab File: BP020906.D
 Acq: 11 Jul 2024 16:40



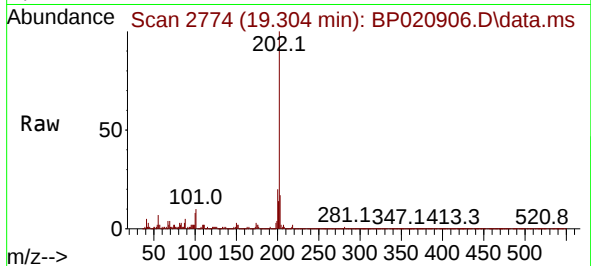
Tgt Ion:149 Resp: 85798
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.4 11.0
 104 6.0 3.9 5.9#





#80
Fluoranthene
Concen: 12.640 ng/ul
RT: 19.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020906.D
Acq: 11 Jul 2024 16:40

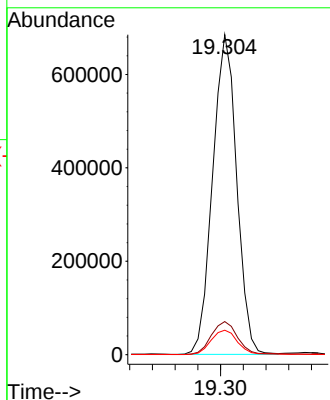
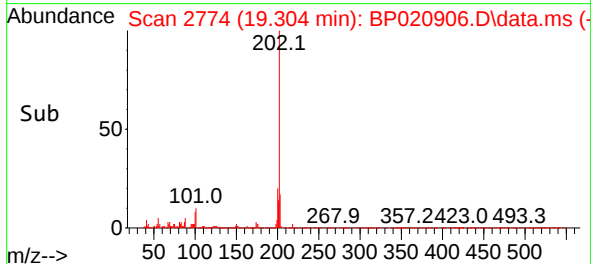
Instrument :
BNA_P
ClientSampleId :
A4D02



Tgt Ion:202 Resp: 1006840
Ion Ratio Lower Upper
202 100
101 10.4 8.0 12.0
100 7.6 6.1 9.1

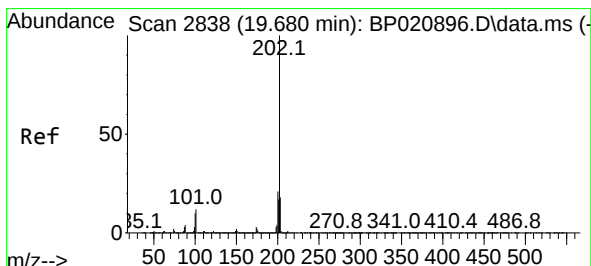
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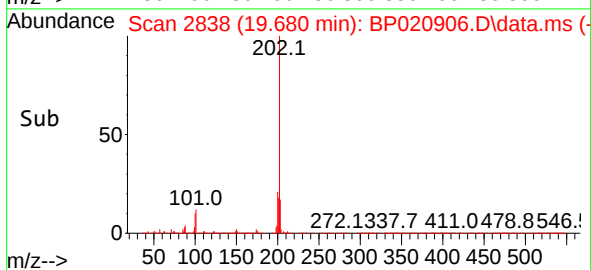
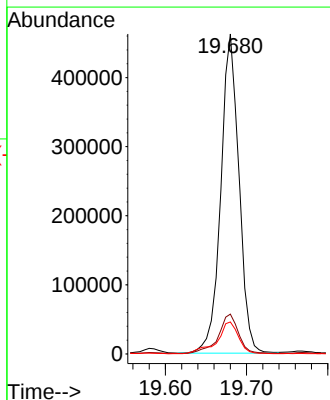
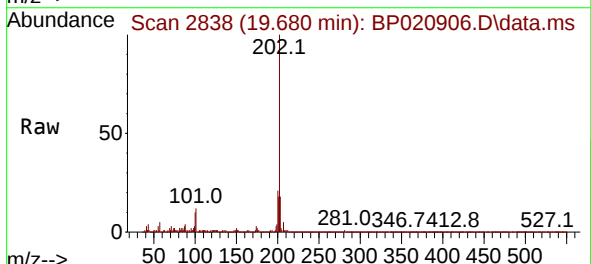
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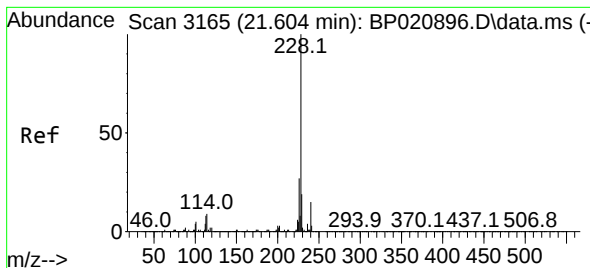
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#82
Pyrene
Concen: 8.892 ng/ul
RT: 19.680 min Scan# 2838
Delta R.T. -0.012 min
Lab File: BP020906.D
Acq: 11 Jul 2024 16:40

Tgt Ion:202 Resp: 720726
Ion Ratio Lower Upper
202 100
101 12.4 9.4 14.2
100 10.0 7.8 11.6





#85

Benzo(a)anthracene

Concen: 6.252 ng/ul

RT: 21.604 min Scan# 3165

Delta R.T. -0.006 min

Lab File: BP020906.D

Acq: 11 Jul 2024 16:40

Instrument :

BNA_P

ClientSampleId :

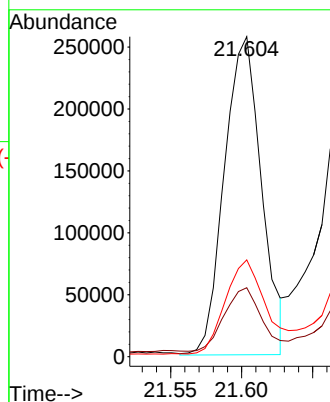
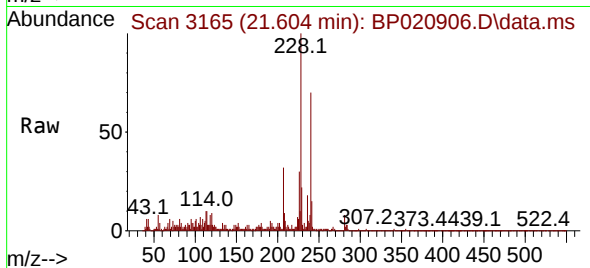
A4D02

Tgt Ion:	228	Resp:	46728
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.5	23.3
226	30.3	21.4	32.2

Manual Integrations

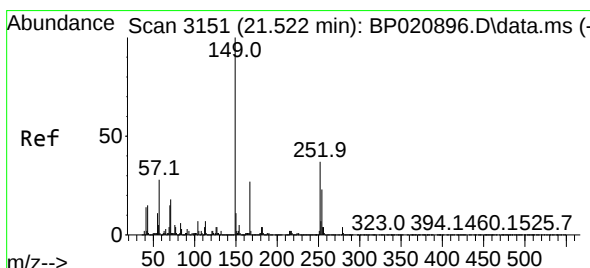
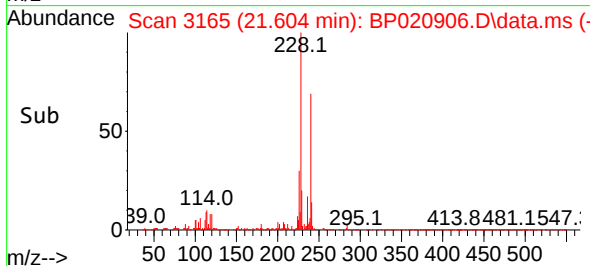
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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.754 ng/ul

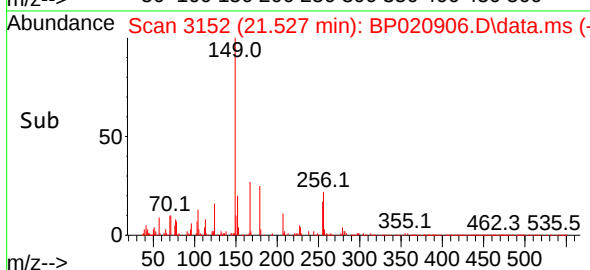
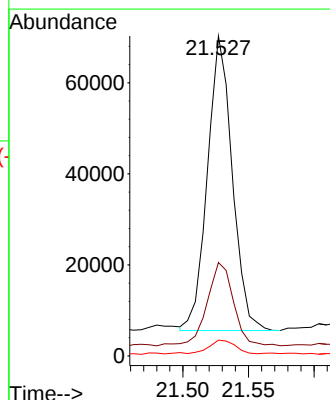
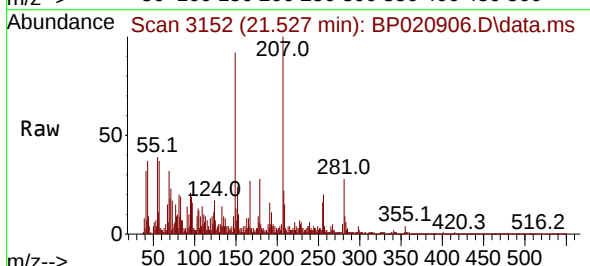
RT: 21.527 min Scan# 3152

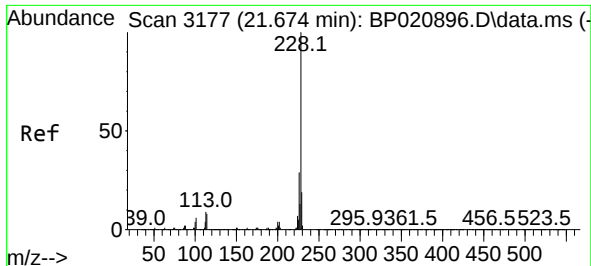
Delta R.T. -0.012 min

Lab File: BP020906.D

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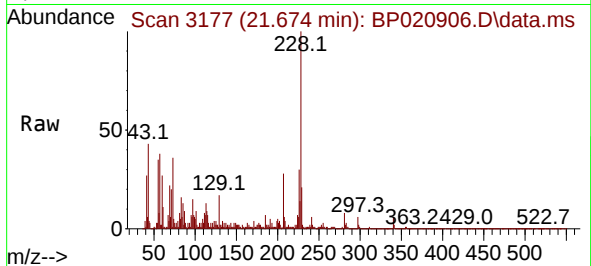
Tgt Ion:	149	Resp:	85234
Ion Ratio	Lower	Upper	
149	100		
167	29.2	22.1	33.1
279	5.0	3.7	5.5





#87
Chrysene
Concen: 7.916 ng/ul
RT: 21.674 min Scan# 3177
Delta R.T. -0.000 min
Lab File: BP020906.D
Acq: 11 Jul 2024 16:40

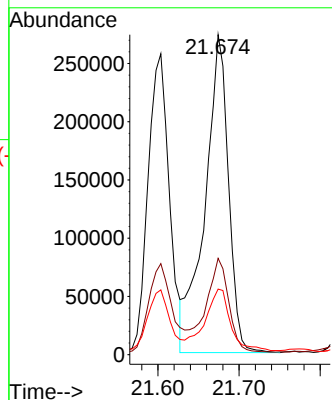
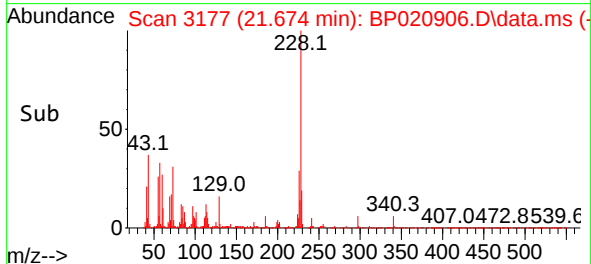
Instrument :
BNA_P
ClientSampleId :
A4D02



Tgt Ion:228 Resp: 54976
Ion Ratio Lower Upper
228 100
226 30.1 23.6 35.4
229 20.5 15.5 23.3

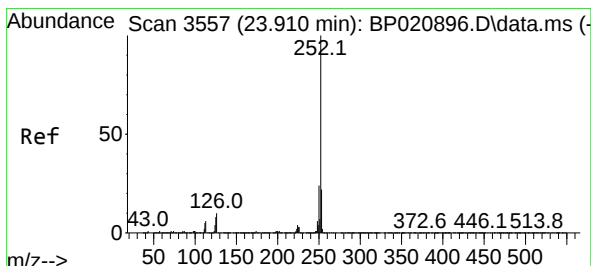
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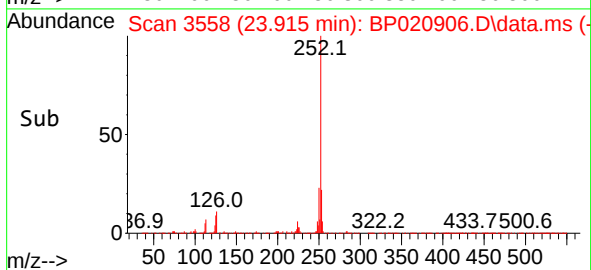
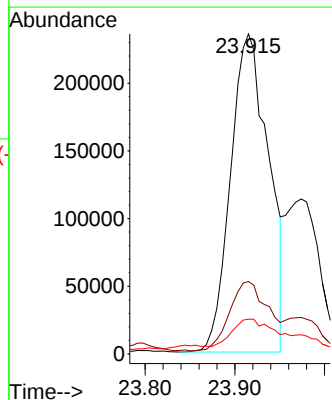
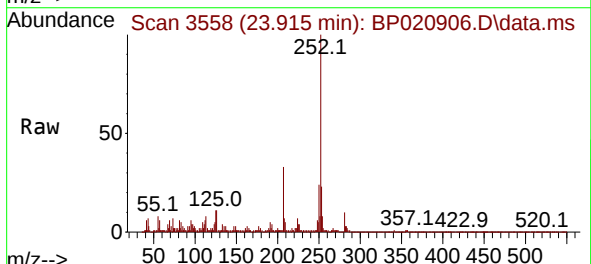
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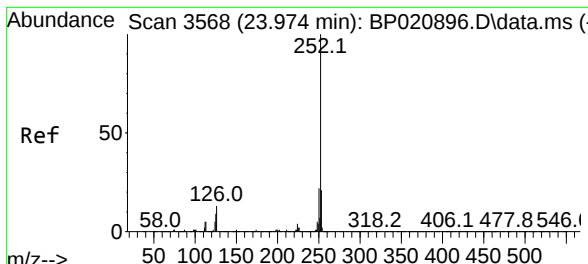
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#90
Benzo(b)fluoranthene
Concen: 9.080 ng/ul
RT: 23.915 min Scan# 3558
Delta R.T. -0.006 min
Lab File: BP020906.D
Acq: 11 Jul 2024 16:40

Tgt Ion:252 Resp: 690264
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 10.9 7.0 10.4





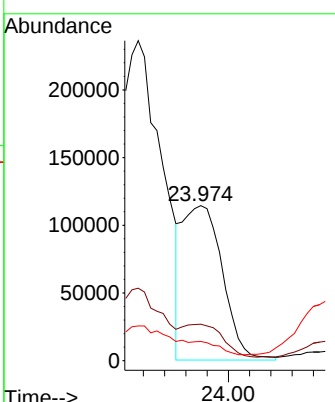
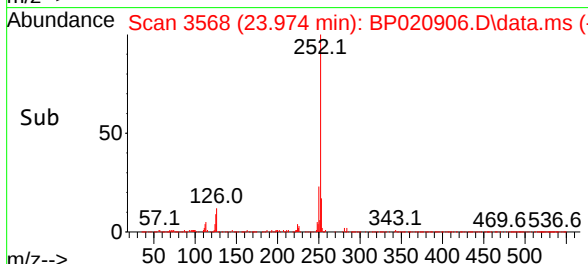
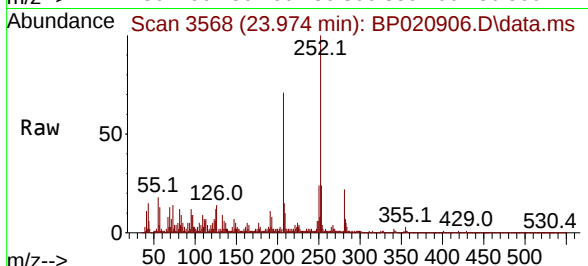
#91
 Benzo(k)fluoranthene
 Concen: 3.943 ng/ul m
 RT: 23.974 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP020906.D
 Acq: 11 Jul 2024 16:40

Instrument :
 BNA_P
 ClientSampleId :
 A4D02

Tgt Ion:	252	Resp:	29914
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.4	26.2
125	12.3	7.4	11.0

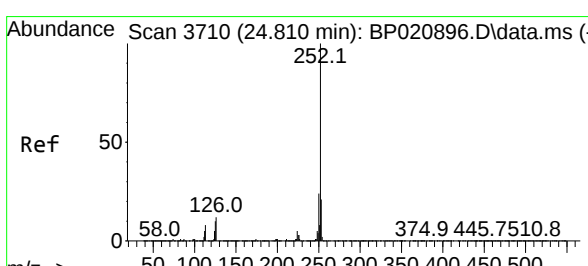
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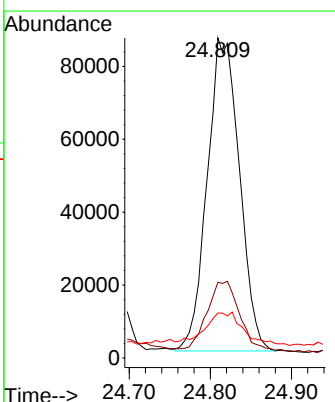
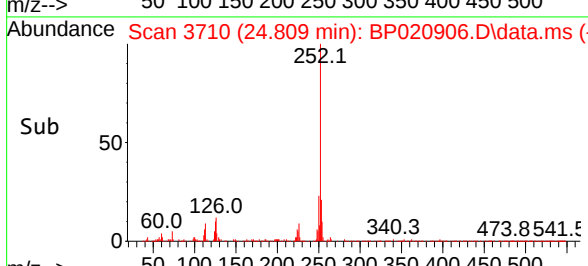
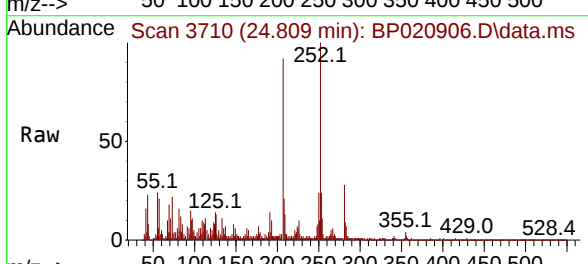
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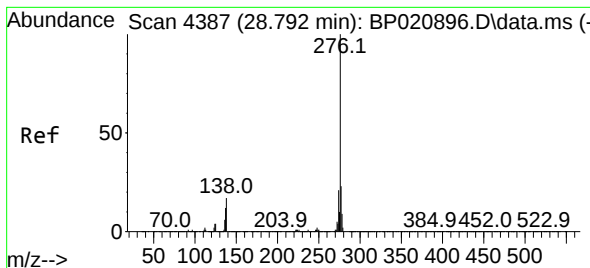
07/13/2024



#93
 Benzo(a)pyrene
 Concen: 3.294 ng/ul
 RT: 24.809 min Scan# 3710
 Delta R.T. -0.018 min
 Lab File: BP020906.D
 Acq: 11 Jul 2024 16:40

Tgt Ion:	252	Resp:	236626
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.0
125	14.0	7.7	11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.659 ng/ul

RT: 28.791 min Scan# 4387

Delta R.T. 0.006 min

Lab File: BP020906.D

Acq: 11 Jul 2024 16:40

Instrument :

BNA_P

ClientSampleId :

A4D02

Tgt Ion:276 Resp: 246100

Ion Ratio Lower Upper

276 100

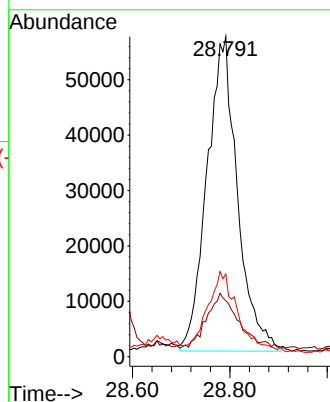
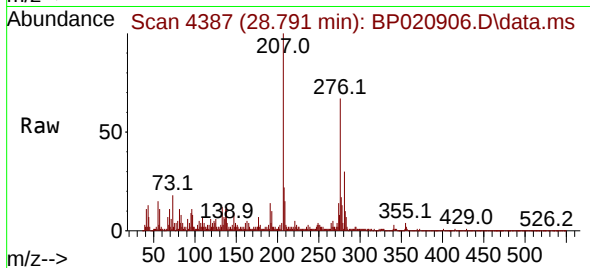
138 17.5 14.3 21.5

277 25.8 19.2 28.8

Manual Integrations

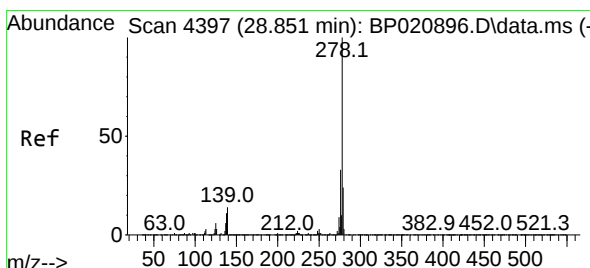
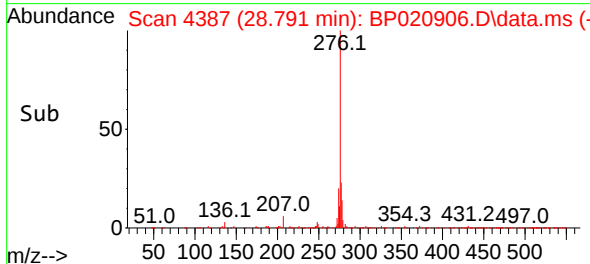
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



07/12/2024
Supervised By :mohammad
ahmed

07/13/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.308 ng/ul m

RT: 28.838 min Scan# 4395

Delta R.T. -0.024 min

Lab File: BP020906.D

Acq: 11 Jul 2024 16:40

Tgt Ion:278 Resp: 100234

Ion Ratio Lower Upper

278 100

139 19.7 10.9 16.3#

279 26.4 19.4 29.0

