

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020195.D
 Acq On : 04 May 2024 05:33
 Operator : MA/JU
 Sample : P2234-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0SA1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/06/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 04 06:09:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 06:07:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	80867	20.000	ng/u1	0.00
20) Naphthalene-d8	10.399	136	337559	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.293	164	234615	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	528170	20.000	ng/u1	0.00
79) Chrysene-d12	21.616	240	436400	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	431241	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	6655	3.476	ng/uL	0.00
4) Pyridine-d5	3.634	84	25327	4.552	ng/u1	0.01
7) Phenol-d5	6.811	99	162353	23.378	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	99434	23.570	ng/u1	0.00
11) 2-Chlorophenol-d4	7.158	132	118531	23.875	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	115821	20.628	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	63054	24.945	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	74648	25.788	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	132177	25.023	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	91759	12.412	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	474628	27.703	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	508643	26.875	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	59585m	22.628	ng/u1	0.02
60) Fluorene-d10	15.322	176	417039	29.183	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	70943	21.167	ng/u1	0.00
73) Anthracene-d10	17.234	188	664392	29.078	ng/u1	0.00
81) Pyrene-d10	19.628	212	831645	32.601	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.727	264	628141	30.125	ng/u1	-0.02
Target Compounds					Qvalue	
8) Phenol	6.846	94	8814	1.230	ng/u1	94
16) Acetophenone	8.452	105	56744	6.089	ng/u1	99
72) Phenanthrene	17.169	178	252694	9.377	ng/u1	98
80) Fluoranthene	19.281	202	761987	25.382	ng/u1	99
82) Pyrene	19.663	202	636431	20.375	ng/u1	98
85) Benzo(a)anthracene	21.592	228	212410	7.176	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	42902	2.508	ng/u1	97
87) Chrysene	21.663	228	292840	10.674	ng/u1	98
90) Benzo(b)fluoranthene	23.910	252	376491	14.676	ng/u1	99
91) Benzo(k)fluoranthene	23.969	252	121516m	4.648	ng/u1	
93) Benzo(a)pyrene	24.798	252	227996	9.341	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.751	276	207144m	6.923	ng/u1	
95) Dibenzo(a,h)anthracene	28.839	278	43422m	1.754	ng/u1	
96) Benzo(g,h,i)perylene	29.933	276	195362m	8.095	ng/u1	

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

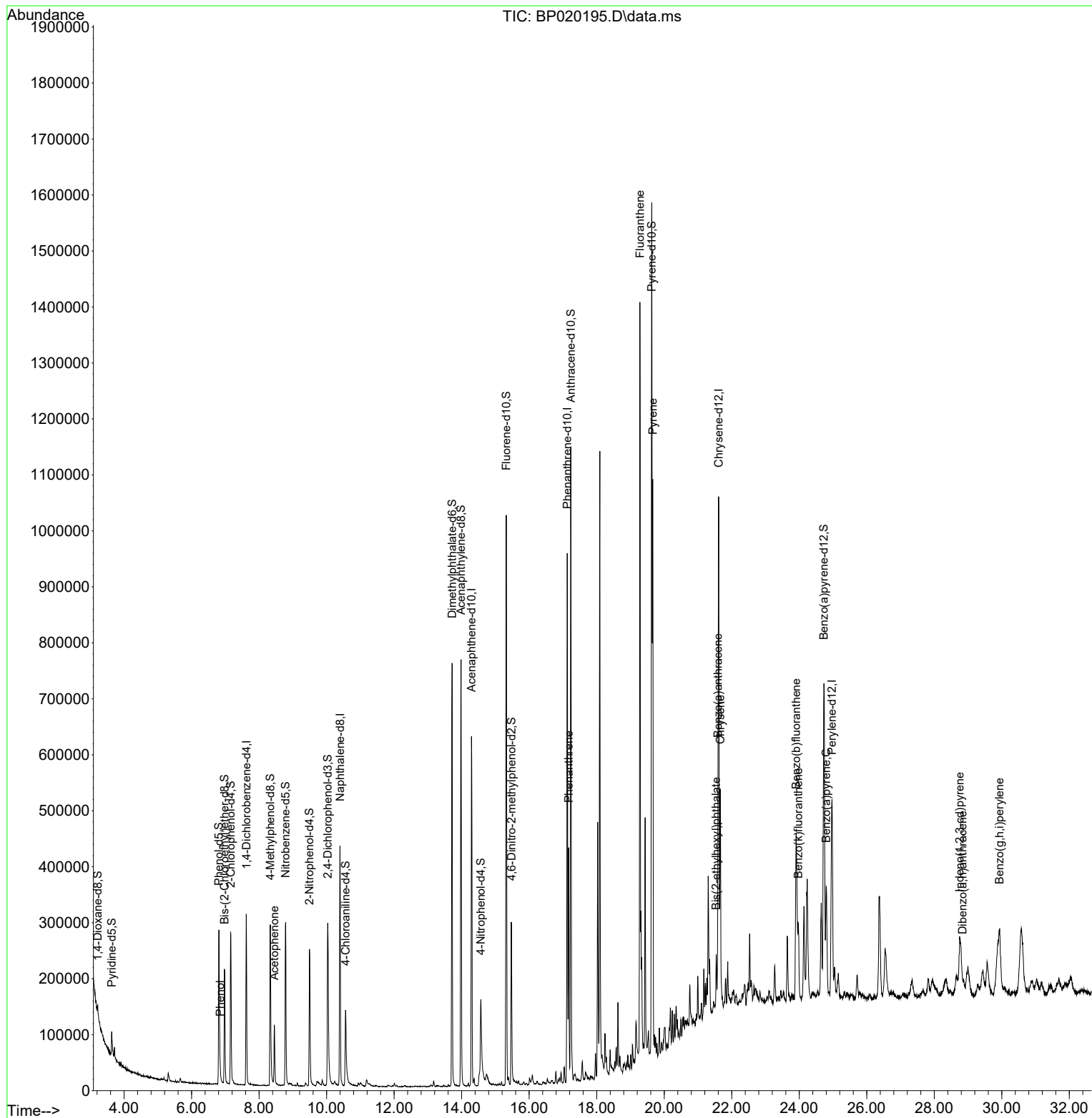
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020195.D
Acq On : 04 May 2024 05:33
Operator : MA/JU
Sample : P2234-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

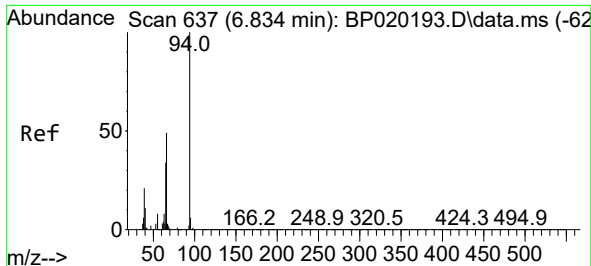
Instrument :
BNA_P
ClientSampleId :
C0SA1

Quant Time: May 04 06:09:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
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#8

Phenol

Concen: 1.230 ng/ul

RT: 6.846 min Scan# 61

Delta R.T. 0.006 min

Lab File: BP020195.D

Acq: 04 May 2024 05:33

Instrument :

BNA_P

ClientSampleId :

C0SA1

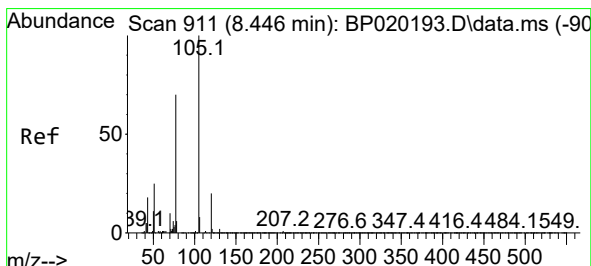
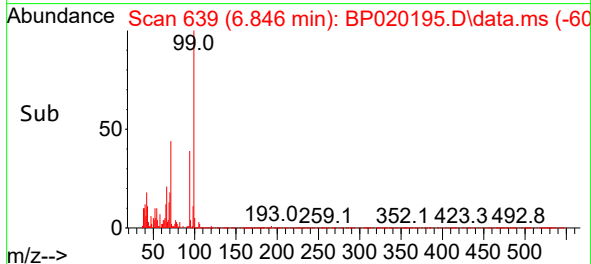
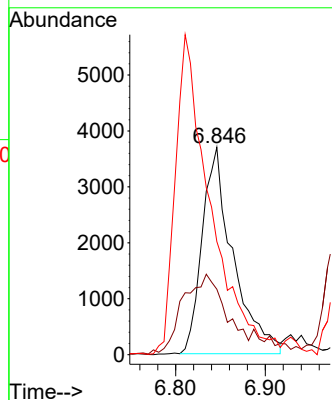
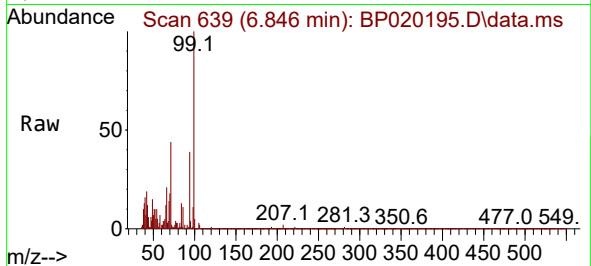
Tgt Ion: 94	Resp: 8814
Ion Ratio	Lower Upper
94 100	
65 31.5	26.1 39.1
66 54.6	38.6 57.8

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#16

Acetophenone

Concen: 6.089 ng/ul

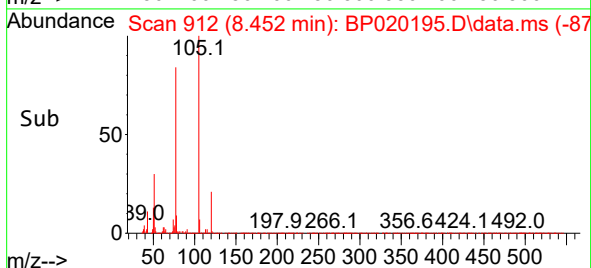
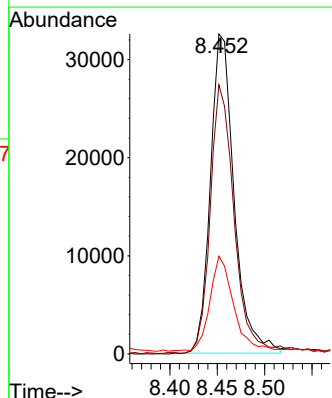
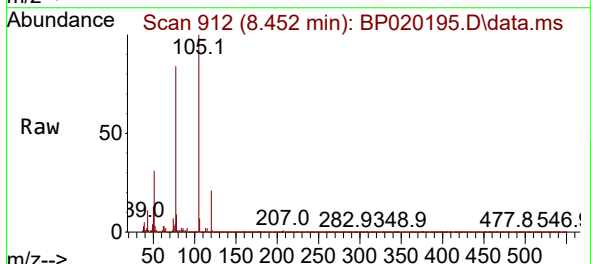
RT: 8.452 min Scan# 912

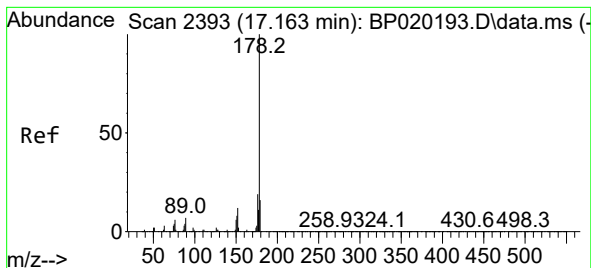
Delta R.T. 0.000 min

Lab File: BP020195.D

Acq: 04 May 2024 05:33

Tgt Ion:105	Resp: 56744
Ion Ratio	Lower Upper
105 100	
77 84.1	66.4 99.6
51 30.6	23.9 35.9





#72

Phenanthrene

Concen: 9.377 ng/ul

RT: 17.169 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020195.D

Acq: 04 May 2024 05:33

Instrument :

BNA_P

ClientSampleId :

C0SA1

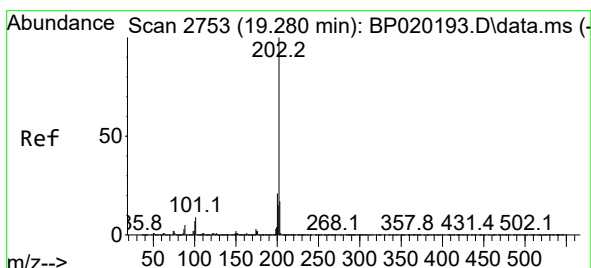
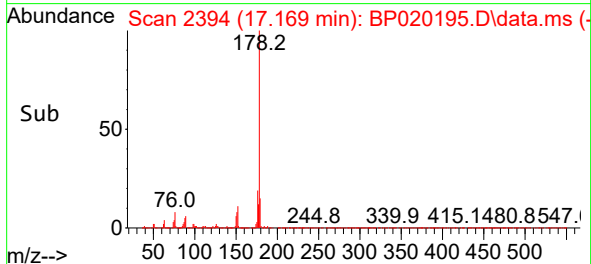
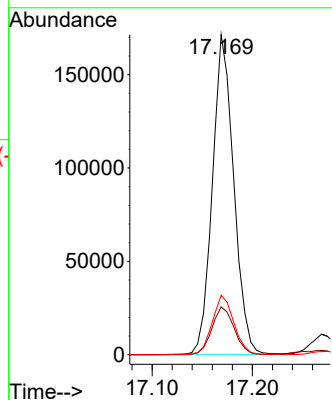
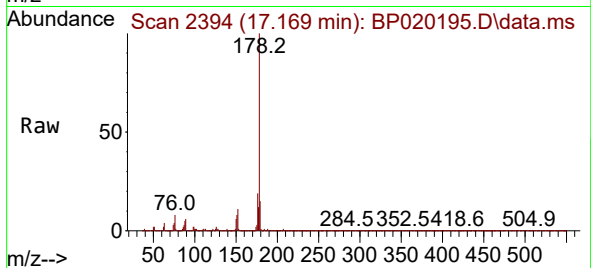
Tgt Ion:178	Resp: 252694
Ion Ratio	Lower Upper
178 100	
179 15.0	13.0 19.6
176 18.5	15.2 22.8

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#80

Fluoranthene

Concen: 25.382 ng/ul

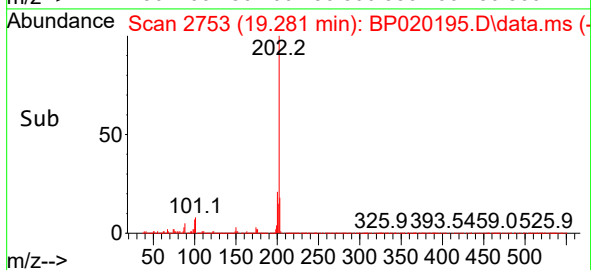
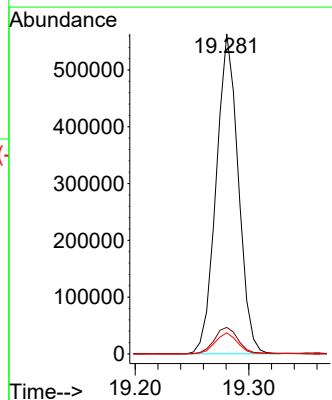
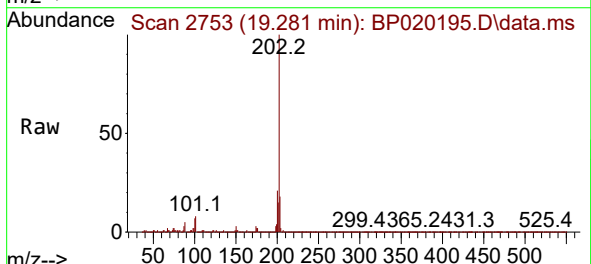
RT: 19.281 min Scan# 2753

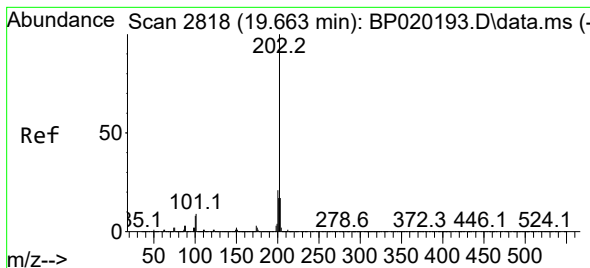
Delta R.T. -0.006 min

Lab File: BP020195.D

Acq: 04 May 2024 05:33

Tgt Ion:202	Resp: 761987
Ion Ratio	Lower Upper
202 100	
101 8.3	7.0 10.4
100 6.6	5.5 8.3





#82

Pyrene

Concen: 20.375 ng/ul

RT: 19.663 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020195.D

Acq: 04 May 2024 05:33

Instrument :

BNA_P

ClientSampleId :

C0SA1

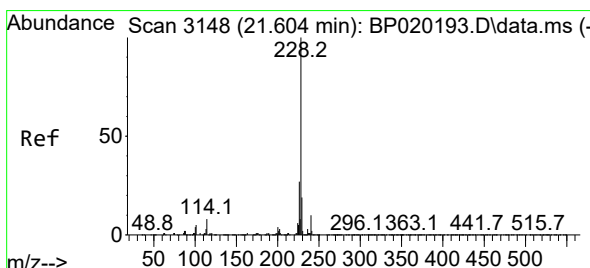
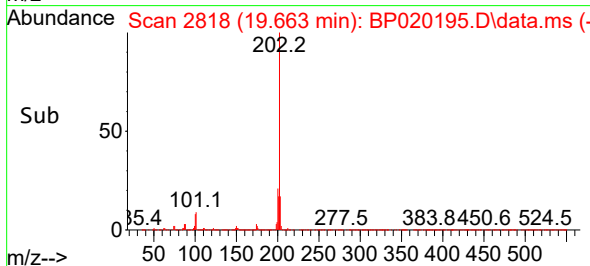
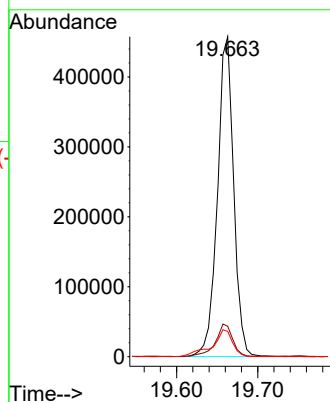
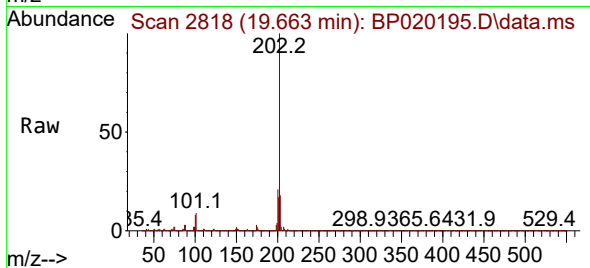
Tgt Ion:	202	Resp:	63643
Ion Ratio	Lower	Upper	
202	100		
101	9.5	8.1	12.1
100	7.9	6.8	10.2

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Supervised By :mohammad ahmed 05/06/2024



#85

Benzo(a)anthracene

Concen: 7.176 ng/ul

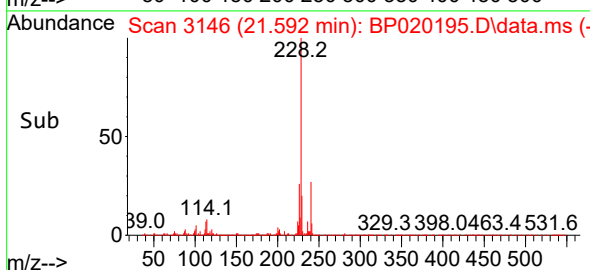
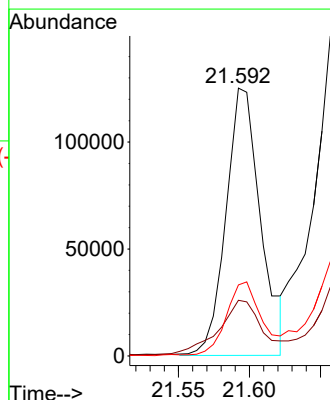
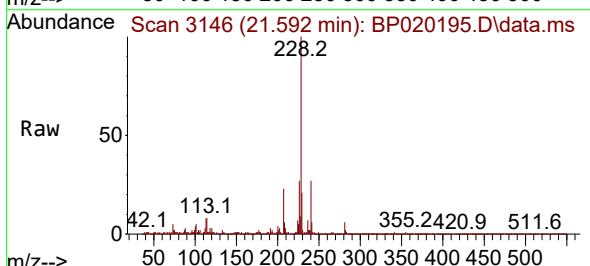
RT: 21.592 min Scan# 3146

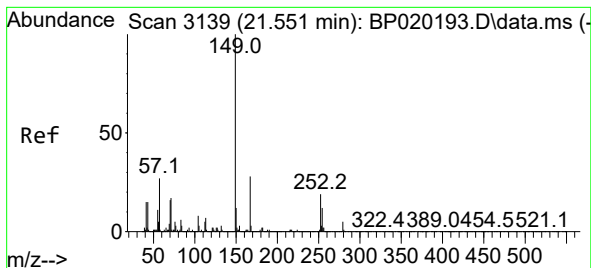
Delta R.T. -0.011 min

Lab File: BP020195.D

Acq: 04 May 2024 05:33

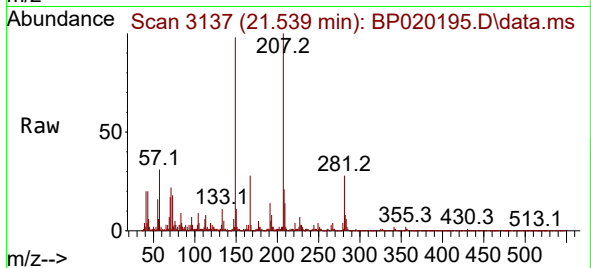
Tgt Ion:	228	Resp:	212410
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.8	23.8
226	26.5	21.5	32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.508 ng/ul
RT: 21.539 min Scan# 3139
Delta R.T. -0.017 min
Lab File: BP020195.D
Acq: 04 May 2024 05:33

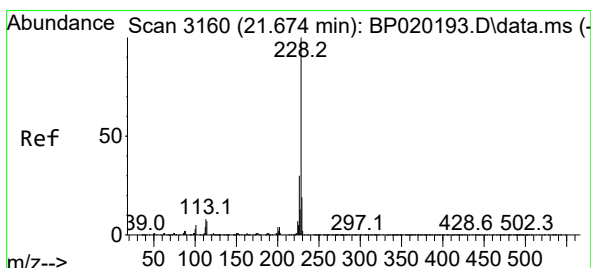
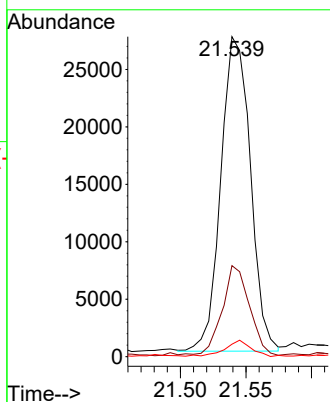
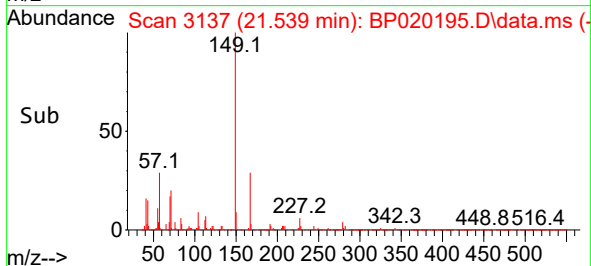
Instrument :
BNA_P
ClientSampleId :
C0SA1



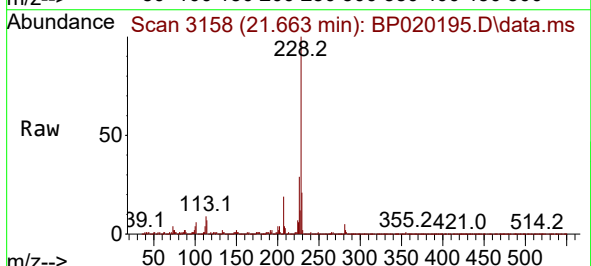
Tgt Ion:149 Resp: 42902
Ion Ratio Lower Upper
149 100
167 28.5 21.4 32.0
279 3.9 3.4 5.2

Manual Integrations
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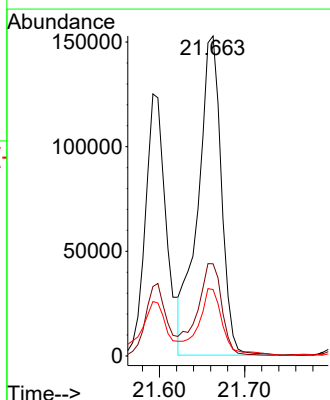
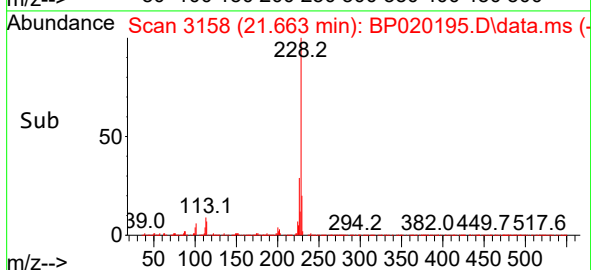
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024

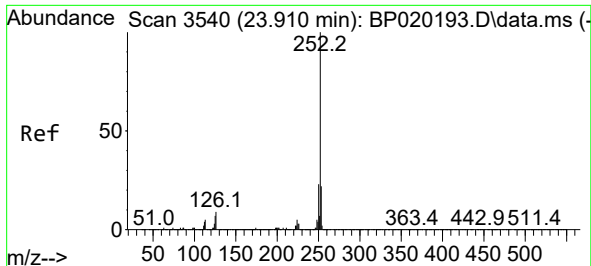


#87
Chrysene
Concen: 10.674 ng/ul
RT: 21.663 min Scan# 3158
Delta R.T. -0.006 min
Lab File: BP020195.D
Acq: 04 May 2024 05:33



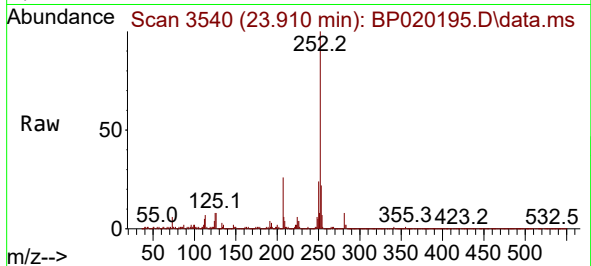
Tgt Ion:228 Resp: 292840
Ion Ratio Lower Upper
228 100
226 28.8 24.2 36.4
229 20.7 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 14.676 ng/ul
RT: 23.910 min Scan# 3540
Delta R.T. 0.000 min
Lab File: BP020195.D
Acq: 04 May 2024 05:33

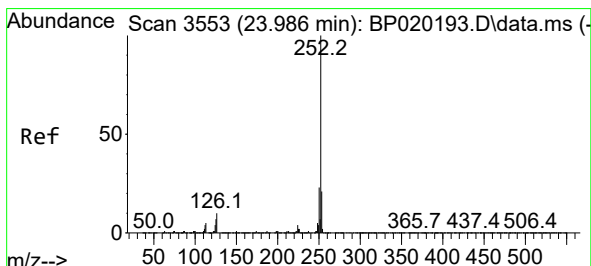
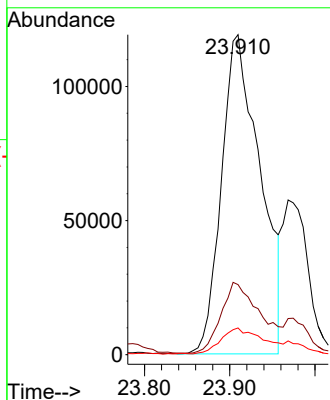
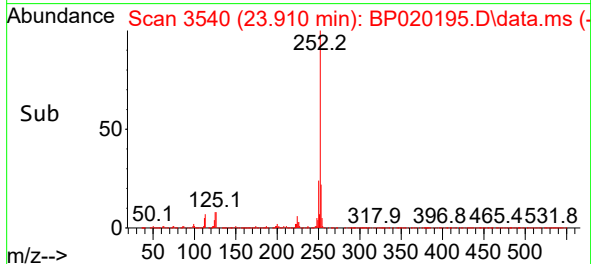
Instrument :
BNA_P
ClientSampleId :
C0SA1



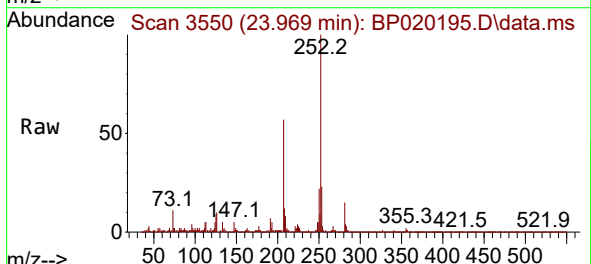
Tgt Ion:252 Resp: 37649
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 8.3 6.2 9.2

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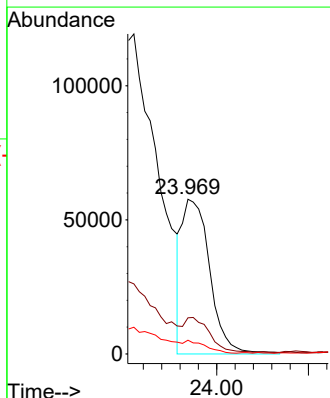
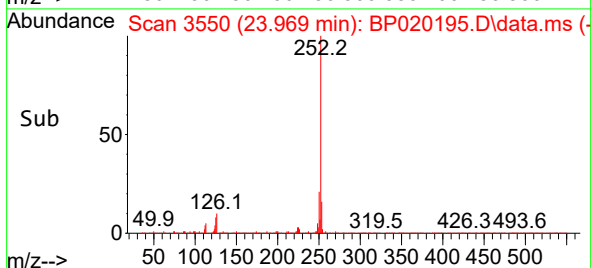
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024

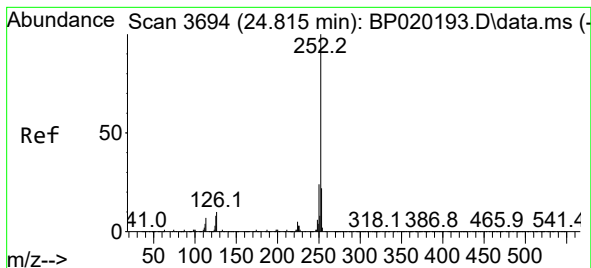


#91
Benzo(k)fluoranthene
Concen: 4.648 ng/ul m
RT: 23.969 min Scan# 3550
Delta R.T. -0.017 min
Lab File: BP020195.D
Acq: 04 May 2024 05:33



Tgt Ion:252 Resp: 121516
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 8.9 5.6 8.4#





#93

Benzo(a)pyrene

Concen: 9.341 ng/ul

RT: 24.798 min Scan# 30

Delta R.T. -0.017 min

Lab File: BP020195.D

Acq: 04 May 2024 05:33

Instrument :

BNA_P

ClientSampleId :

C0SA1

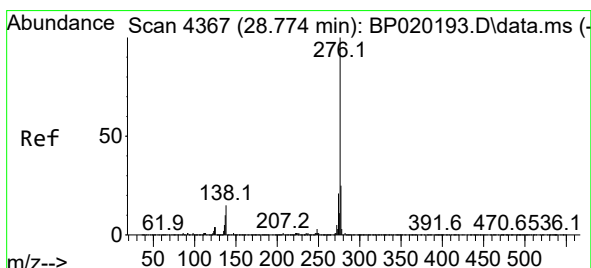
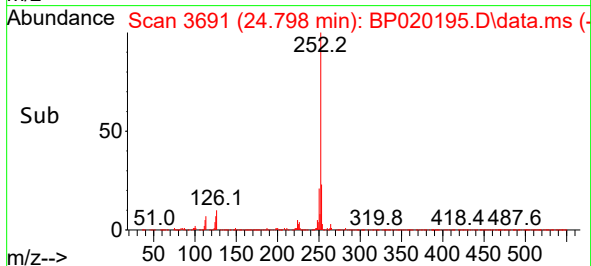
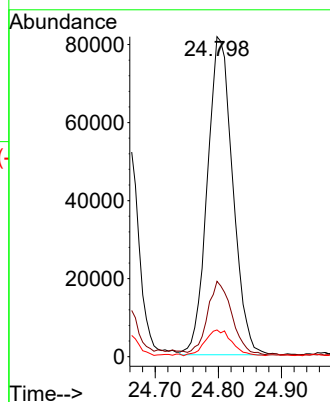
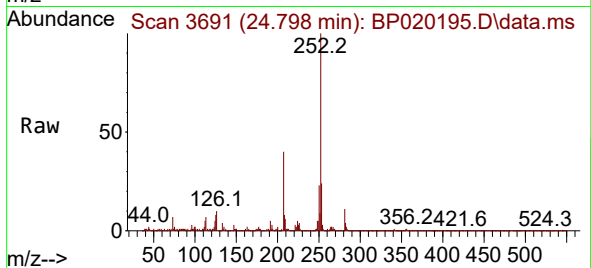
Tgt Ion:	252	Resp:	227990
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.4	26.0
125	8.4	6.6	10.0

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#94

Indeno(1,2,3-cd)pyrene

Concen: 6.923 ng/ul m

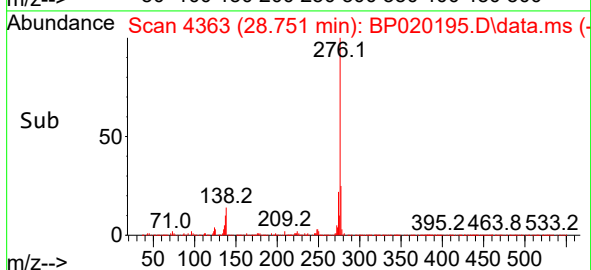
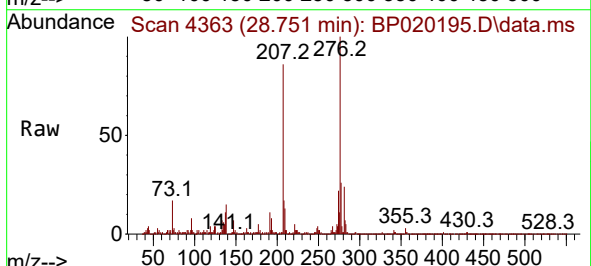
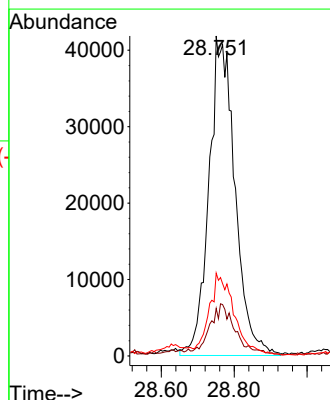
RT: 28.751 min Scan# 4363

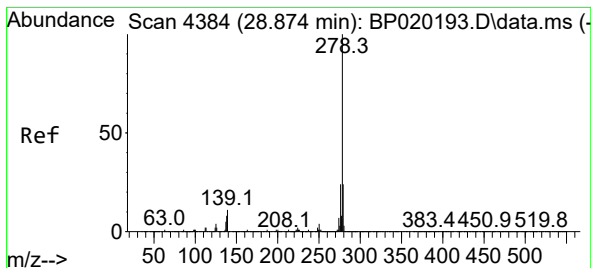
Delta R.T. -0.017 min

Lab File: BP020195.D

Acq: 04 May 2024 05:33

Tgt Ion:	276	Resp:	207144
Ion Ratio	Lower	Upper	
276	100		
138	14.9	12.3	18.5
277	25.9	19.0	28.4





#95

Dibenzo(a,h)anthracene

Concen: 1.754 ng/ul m

RT: 28.839 min Scan# 4384

Delta R.T. -0.017 min

Lab File: BP020195.D

Acq: 04 May 2024 05:33

Instrument :

BNA_P

ClientSampleId :

C0SA1

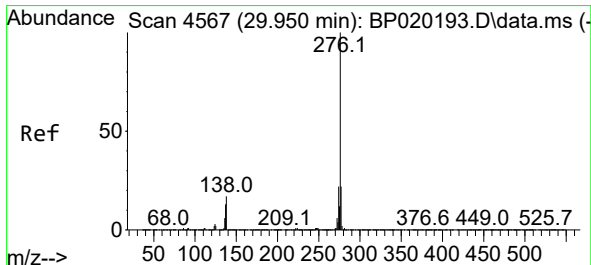
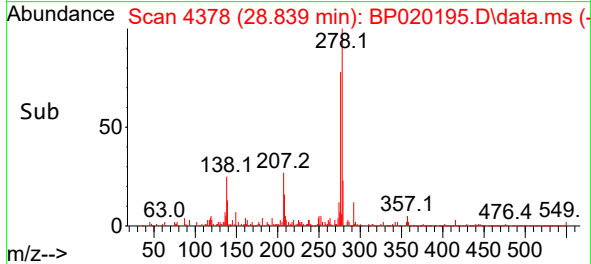
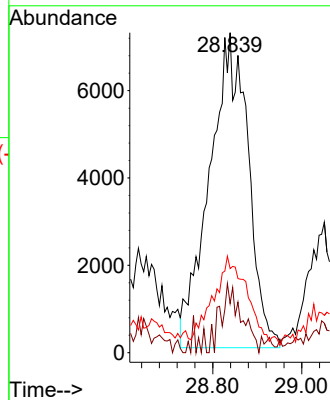
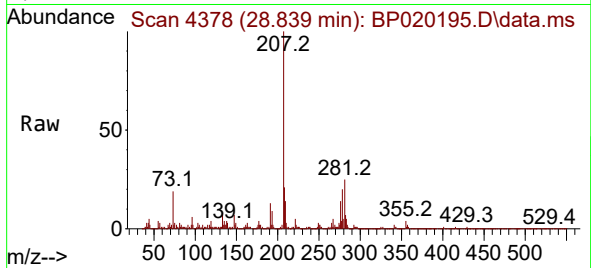
Tgt Ion:	278	Resp:	4342
Ion Ratio	Lower	Upper	
278	100		
139	15.4	10.2	15.2
279	26.3	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/06/2024

Supervised By :mohammad ahmed 05/06/2024



#96

Benzo(g,h,i)perylene

Concen: 8.095 ng/ul m

RT: 29.933 min Scan# 4564

Delta R.T. -0.029 min

Lab File: BP020195.D

Acq: 04 May 2024 05:33

Tgt Ion:	276	Resp:	195362
Ion Ratio	Lower	Upper	
276	100		
138	17.3	11.6	17.4
277	23.3	19.4	29.0

