

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015708.D
 Acq On : 24 Jun 2023 14:35
 Operator : MA/JU
 Sample : 03085-11
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFP7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 24 23:34:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	151827	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	575821	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	334685	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	741339	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	727713	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	880462	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	13320	3.249	ng/uL	0.00
4) Pyridine-d5	3.846	84	112307	10.545	ng/u1	0.00
7) Phenol-d5	7.246	99	215432	15.402	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	140804	16.856	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	180086	17.758	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	148068	12.898	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	84201	18.625	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	97138	18.815	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	158512	16.831	ng/u1	0.02
31) 4-Chloroaniline-d4	11.075	131	126804	9.380	ng/u1	0.02
46) Dimethylphthalate-d6	14.134	166	526009	19.931	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	602003	20.861	ng/u1	0.00
54) 4-Nitrophenol-d4	14.981	143	66804m	14.135	ng/u1	0.03
60) Fluorene-d10	15.722	176	442668	19.890	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	63013	13.417	ng/u1	0.01
73) Anthracene-d10	17.586	188	672248	19.930	ng/u1	0.00
81) Pyrene-d10	19.816	212	854352	21.936	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	905823	20.504	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.533	178	52864	1.329	ng/u1	96
80) Fluoranthene	19.492	202	167619	3.533	ng/u1	99
82) Pyrene	19.845	202	148032	3.016	ng/u1	100
85) Benzo(a)anthracene	21.563	228	114281	2.246	ng/u1	93
87) Chrysene	21.621	228	122820	2.554	ng/u1	95
90) Benzo(b)fluoranthene	23.351	252	210475	3.703	ng/u1#	91
91) Benzo(k)fluoranthene	23.398	252	69981m	1.274	ng/u1	
93) Benzo(a)pyrene	24.021	252	133163	2.687	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	26.851	276	112796	1.759	ng/u1#	93
96) Benzo(g,h,i)perylene	27.698	276	107984	2.043	ng/u1	94

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

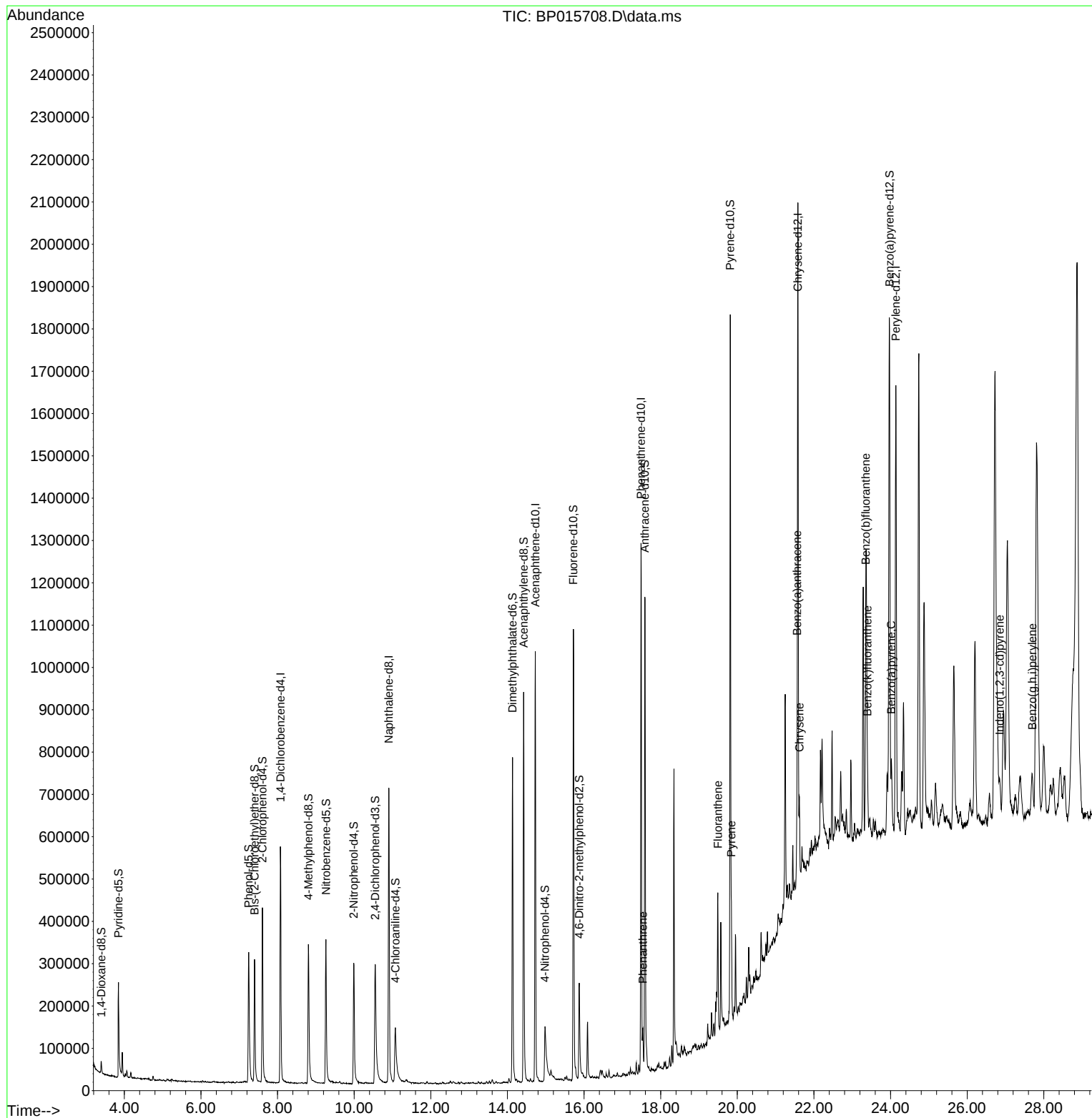
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015708.D
Acq On : 24 Jun 2023 14:35
Operator : MA/JU
Sample : 03085-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

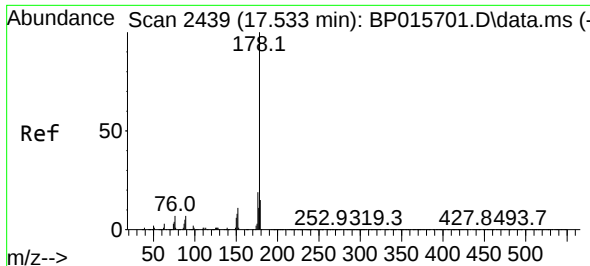
Instrument :
BNA_P
ClientSampleId :
DCFP7

Quant Time: Jun 24 23:34:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
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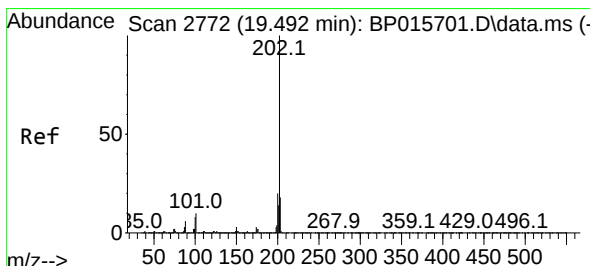
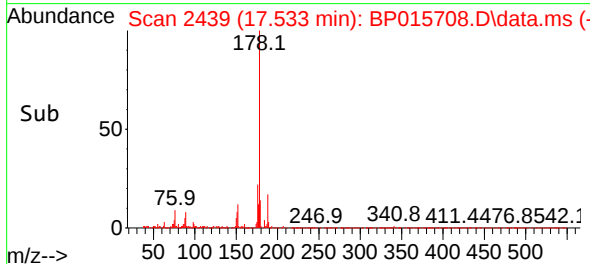
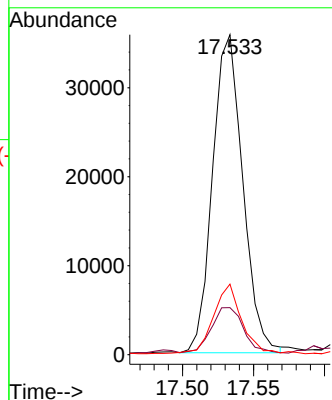
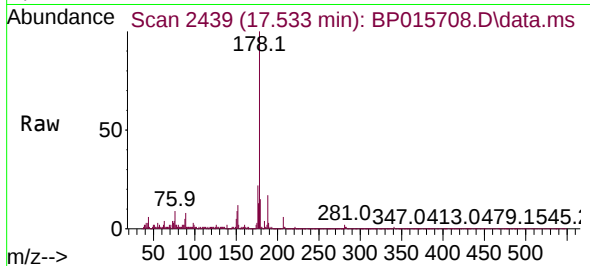
#72
Phenanthrene
Concen: 1.329 ng/ul
RT: 17.533 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015708.D
Acq: 24 Jun 2023 14:35

Instrument :
BNA_P
ClientSampleId :
DCFP7

Tgt Ion:178 Resp: 52864
Ion Ratio Lower Upper
178 100
179 14.7 12.3 18.5
176 22.0 15.4 23.0

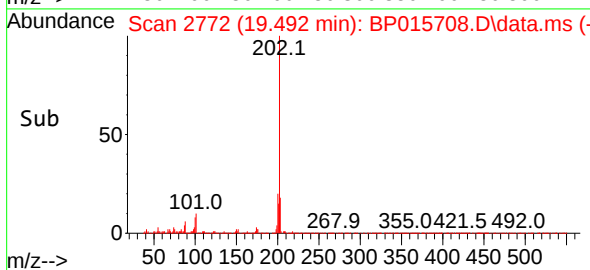
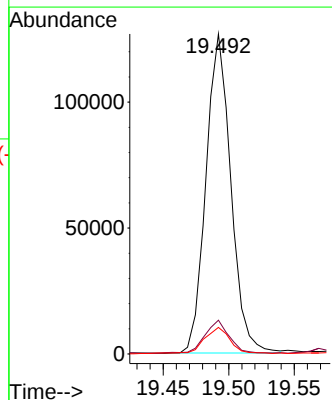
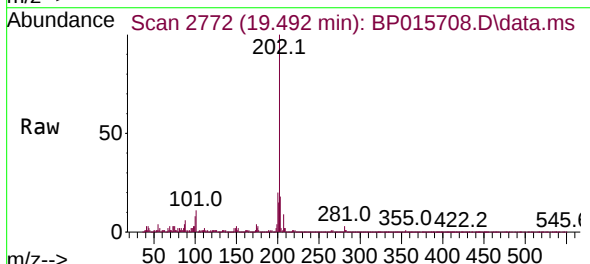
Manual Integrations
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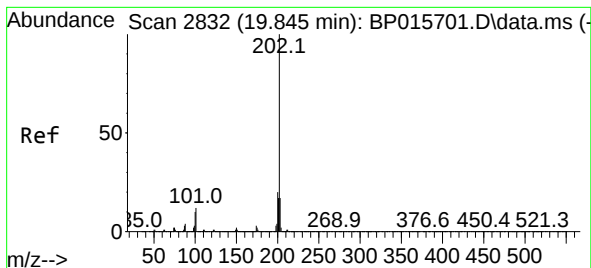
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#80
Fluoranthene
Concen: 3.533 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015708.D
Acq: 24 Jun 2023 14:35

Tgt Ion:202 Resp: 167619
Ion Ratio Lower Upper
202 100
101 10.5 8.6 13.0
100 8.3 6.6 9.8





#82

Pyrene

Concen: 3.016 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015708.D

Acq: 24 Jun 2023 14:35

Instrument :

BNA_P

ClientSampleId :

DCFP7

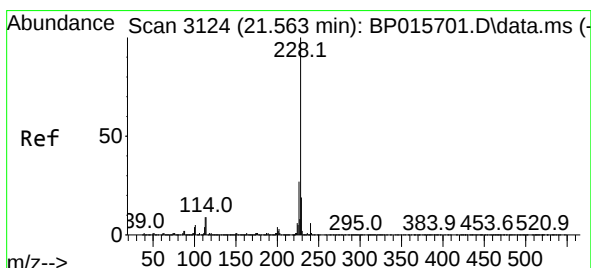
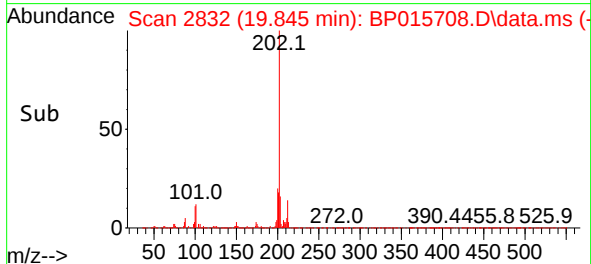
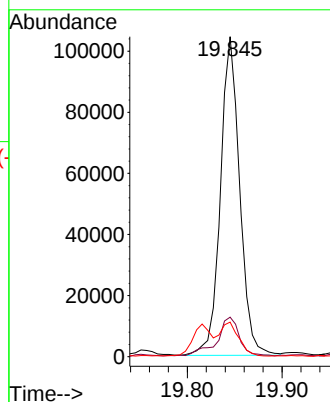
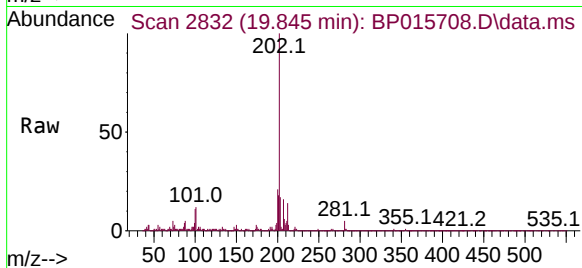
Tgt Ion:	202	Resp:	14803
Ion Ratio	Lower	Upper	
202	100		
101	12.4	9.9	14.9
100	10.8	8.4	12.6

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#85

Benzo(a)anthracene

Concen: 2.246 ng/ul

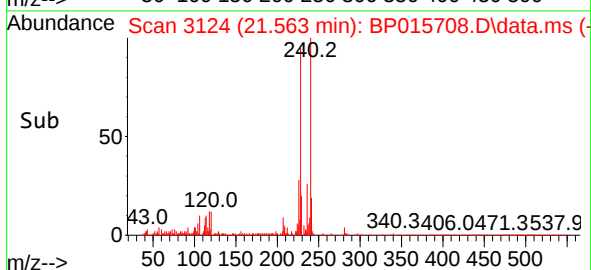
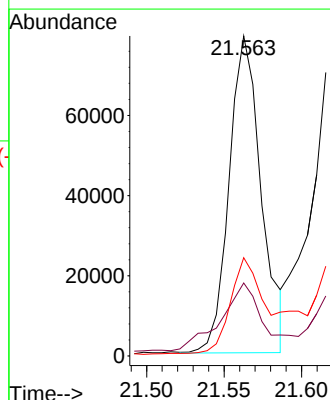
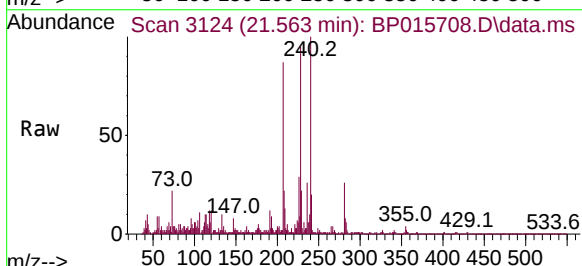
RT: 21.563 min Scan# 3124

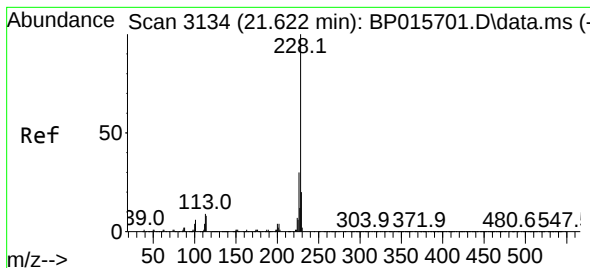
Delta R.T. 0.000 min

Lab File: BP015708.D

Acq: 24 Jun 2023 14:35

Tgt Ion:	228	Resp:	114281
Ion Ratio	Lower	Upper	
228	100		
229	22.8	15.8	23.6
226	30.7	21.8	32.6





#87

Chrysene

Concen: 2.554 ng/ul

RT: 21.621 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP015708.D

Acq: 24 Jun 2023 14:35

Instrument :

BNA_P

ClientSampleId :

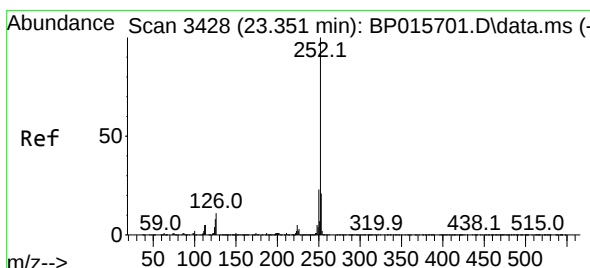
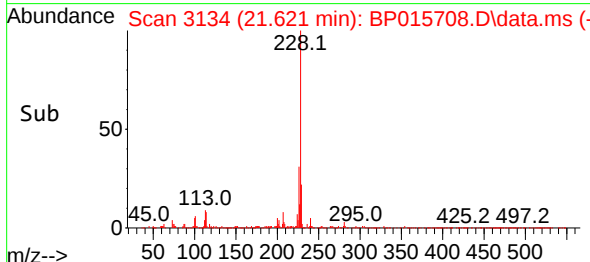
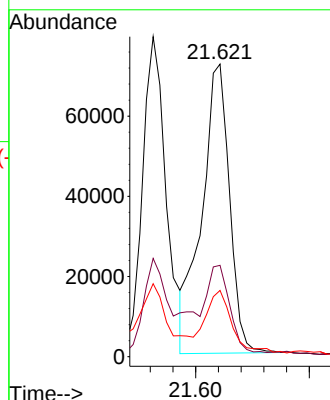
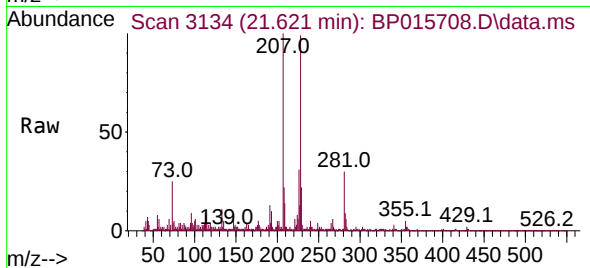
DCFP7

Tgt Ion:	228	Resp:	122820
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.9	35.9
229	22.7	15.1	22.7

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#90

Benzo(b)fluoranthene

Concen: 3.703 ng/ul

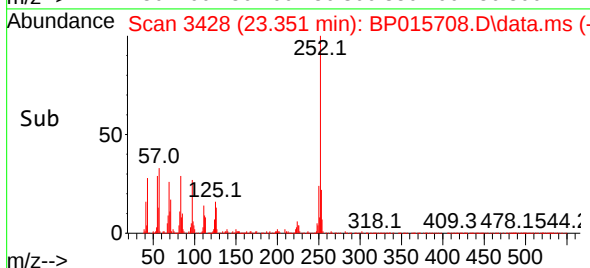
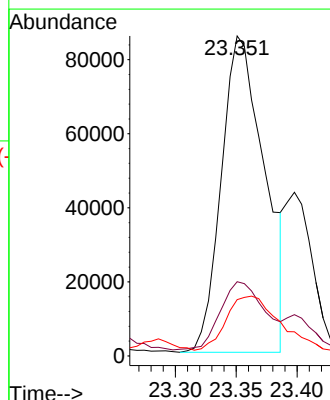
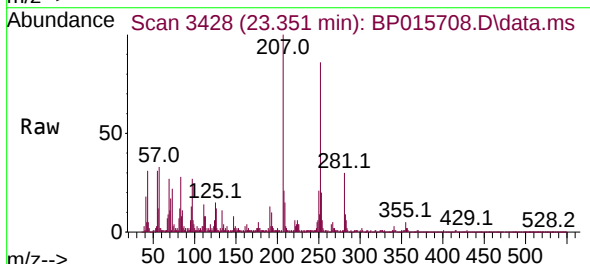
RT: 23.351 min Scan# 3428

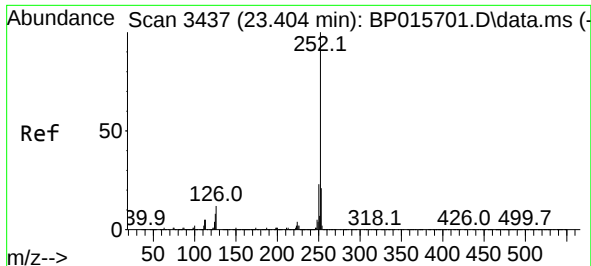
Delta R.T. 0.006 min

Lab File: BP015708.D

Acq: 24 Jun 2023 14:35

Tgt Ion:	252	Resp:	210475
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.2
125	17.6	7.3	10.9





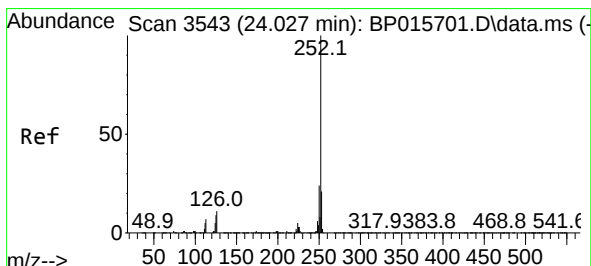
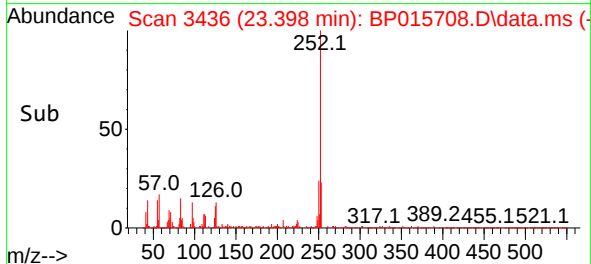
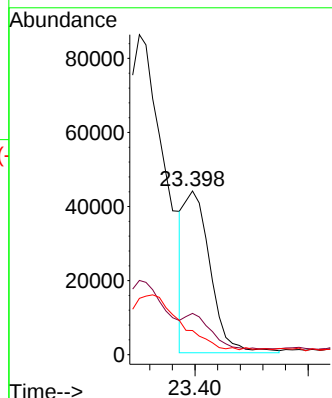
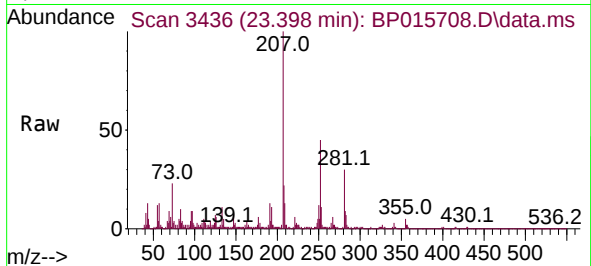
#91
Benzo(k)fluoranthene
Concen: 1.274 ng/ul m
RT: 23.398 min Scan# 3437
Delta R.T. 0.000 min
Lab File: BP015708.D
Acq: 24 Jun 2023 14:35

Instrument :
BNA_P
ClientSampleId :
DCFP7

Tgt Ion:252 Resp: 6998
Ion Ratio Lower Upper
252 100
253 25.2 17.7 26.5
125 14.8 7.3 10.9

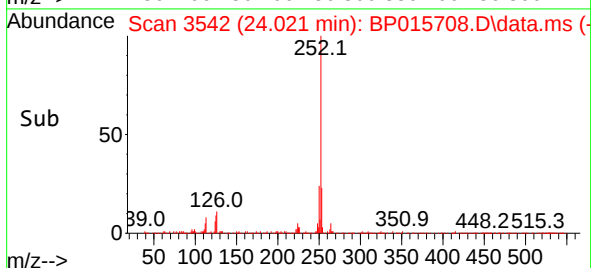
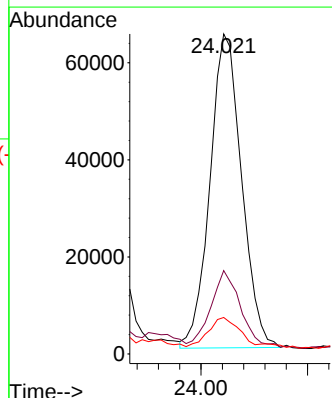
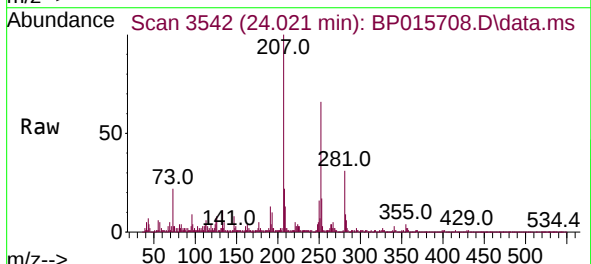
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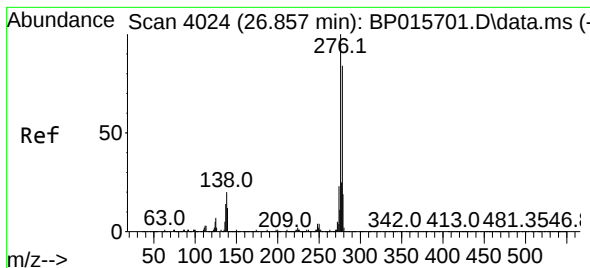
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#93
Benzo(a)pyrene
Concen: 2.687 ng/ul
RT: 24.021 min Scan# 3542
Delta R.T. 0.000 min
Lab File: BP015708.D
Acq: 24 Jun 2023 14:35

Tgt Ion:252 Resp: 133163
Ion Ratio Lower Upper
252 100
253 26.1 17.8 26.6
125 11.4 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.759 ng/ul

RT: 26.851 min Scan# 4024

Delta R.T. 0.012 min

Lab File: BP015708.D

Acq: 24 Jun 2023 14:35

Instrument :

BNA_P

ClientSampleId :

DCFP7

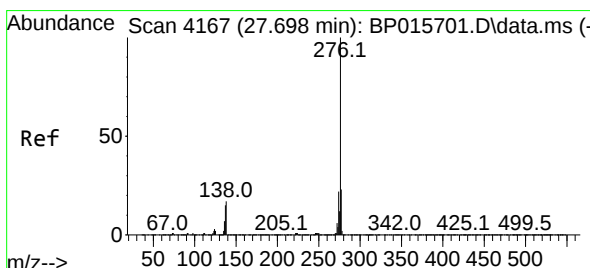
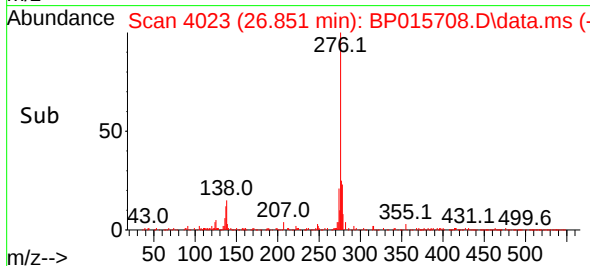
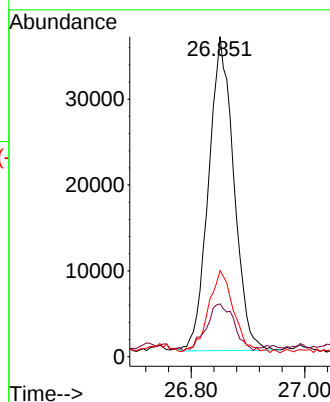
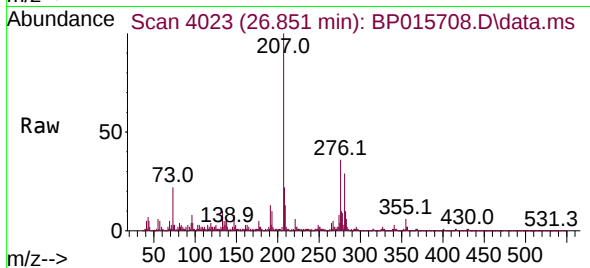
Tgt Ion:276 Resp: 112790
 Ion Ratio Lower Upper
 276 100
 138 16.5 17.3 25.9
 277 26.9 20.2 30.2

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#96

Benzo(g,h,i)perylene

Concen: 2.043 ng/ul

RT: 27.698 min Scan# 4167

Delta R.T. 0.018 min

Lab File: BP015708.D

Acq: 24 Jun 2023 14:35

Tgt Ion:276 Resp: 107984
 Ion Ratio Lower Upper
 276 100
 138 22.8 15.6 23.4
 277 26.0 19.0 28.6

