

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015733.D
 Acq On : 27 Jun 2023 02:54
 Operator : MA/JU
 Sample : 03085-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFQ8

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 03:55:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	148240	20.000	ng/u1	0.00
20) Naphthalene-d8	10.892	136	542900	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	301541	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.474	188	645173	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	689000	20.000	ng/u1	0.00
88) Perylene-d12	24.109	264	856610	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	4740	1.150	ng/uL	0.00
4) Pyridine-d5	3.846	84	32629	3.142	ng/u1	0.02
7) Phenol-d5	7.246	99	52655	4.151	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.393	67	34213	4.360	ng/u1	0.00
11) 2-Chlorophenol-d4	7.598	132	49854	5.207	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	27595m	2.754	ng/u1	0.03
21) Nitrobenzene-d5	9.263	128	19600	4.724	ng/u1	0.02
24) 2-Nitrophenol-d4	9.992	143	23118	4.774	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.587	165	35027m	4.059	ng/u1	0.06
31) 4-Chloroaniline-d4	11.104	131	35020m	3.159	ng/u1	0.06
46) Dimethylphthalate-d6	14.128	166	130833	5.614	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	148602	5.672	ng/u1	0.00
54) 4-Nitrophenol-d4	15.027	143	11574m	3.763	ng/u1	0.08
60) Fluorene-d10	15.716	176	110064	5.735	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.880	200	11547m	2.910	ng/u1	0.02
73) Anthracene-d10	17.574	188	164292	5.575	ng/u1	0.00
81) Pyrene-d10	19.798	212	227052	5.047	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	256552	5.937	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.780	153	23094	1.154	ng/u1	94
61) Fluorene	15.774	166	32021	1.421	ng/u1	95
72) Phenanthrene	17.516	178	627820	17.912	ng/u1	99
74) Anthracene	17.610	178	147787	4.196	ng/u1	98
80) Fluoranthene	19.474	202	1196312	21.396	ng/u1	100
82) Pyrene	19.827	202	928261	16.275	ng/u1	97
85) Benzo(a)anthracene	21.545	228	569576	11.752	ng/u1	98
87) Chrysene	21.604	228	509450	11.079	ng/u1	97
90) Benzo(b)fluoranthene	23.327	252	728920	13.243	ng/u1	96
91) Benzo(k)fluoranthene	23.374	252	223568m	4.020	ng/u1	
93) Benzo(a)pyrene	23.998	252	454832	9.457	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.809	276	340884	5.221	ng/u1	98
95) Dibenzo(a,h)anthracene	26.809	278	96823	1.805	ng/u1#	76
96) Benzo(g,h,i)perylene	27.644	276	297535	5.540	ng/u1	97

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

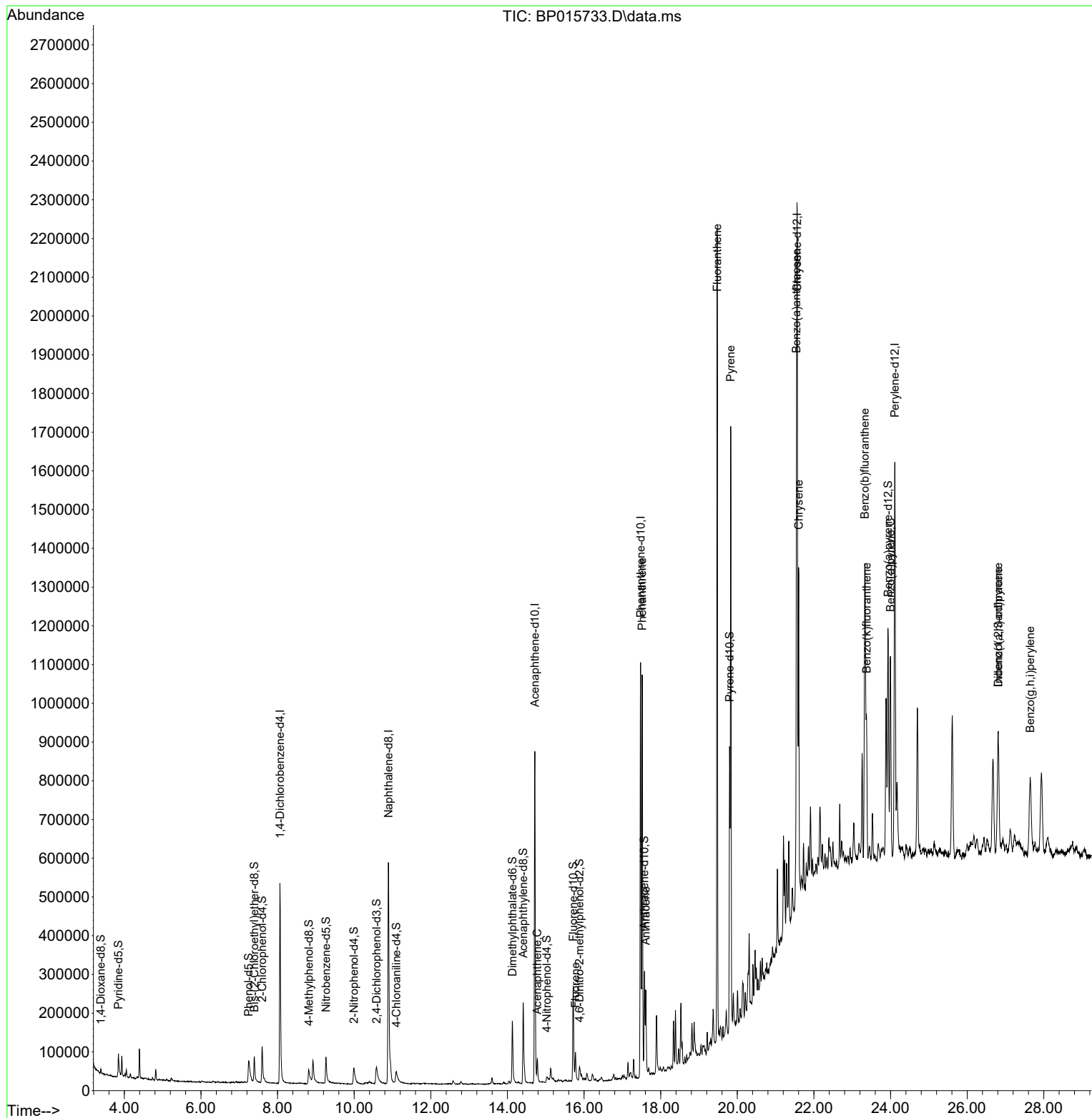
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015733.D
Acq On : 27 Jun 2023 02:54
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

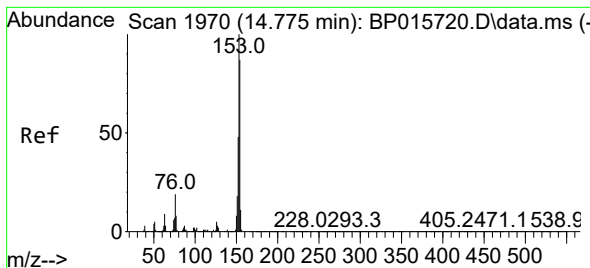
Instrument :
BNA_P
ClientSampleId :
DCFQ8

Quant Time: Jun 27 03:55:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
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#52

Acenaphthene

Concen: 1.154 ng/ul

RT: 14.780 min Scan# 1970

Delta R.T. 0.006 min

Lab File: BP015733.D

Acq: 27 Jun 2023 02:54

Instrument :

BNA_P

ClientSampleId :

DCFQ8

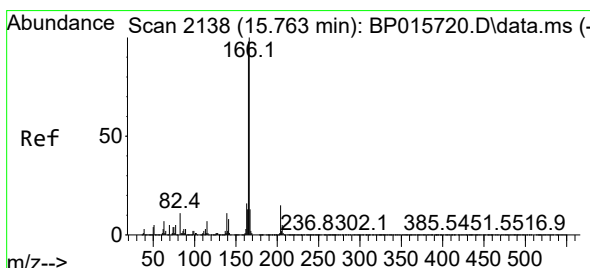
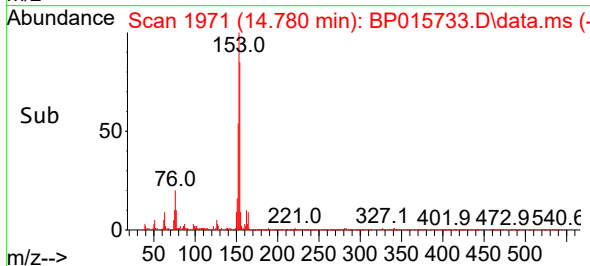
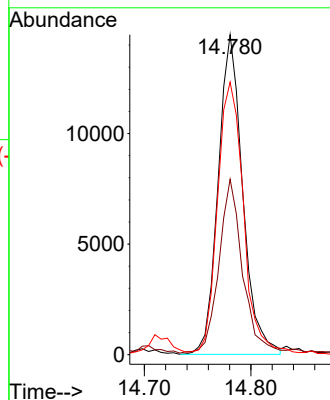
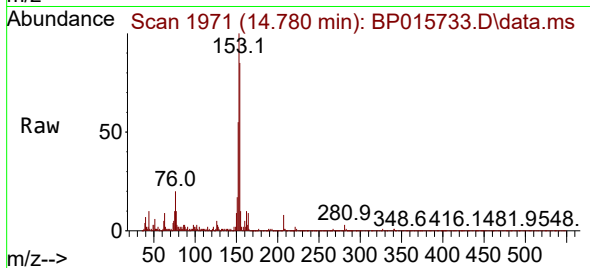
Tgt Ion:	153	Resp:	23094
Ion Ratio	Lower	Upper	
153	100		
152	54.8	39.4	59.2
154	85.1	71.4	107.2

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#61

Fluorene

Concen: 1.421 ng/ul

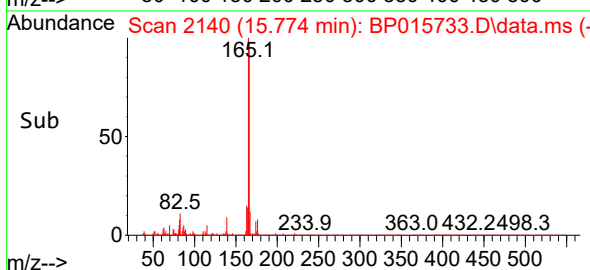
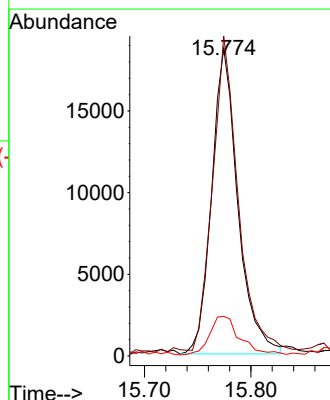
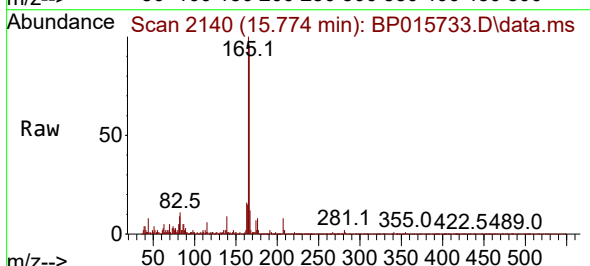
RT: 15.774 min Scan# 2140

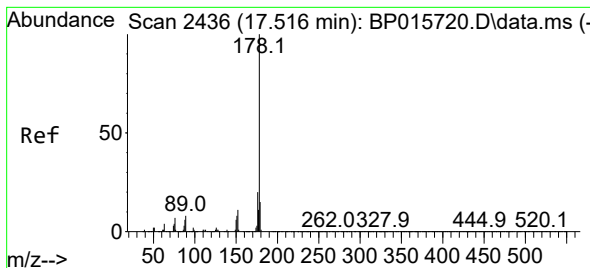
Delta R.T. 0.012 min

Lab File: BP015733.D

Acq: 27 Jun 2023 02:54

Tgt Ion:	166	Resp:	32021
Ion Ratio	Lower	Upper	
166	100		
165	104.0	78.7	118.1
167	12.9	10.5	15.7





#72

Phenanthrene

Concen: 17.912 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP015733.D

Acq: 27 Jun 2023 02:54

Instrument :

BNP_P

ClientSampleId :

DCFQ8

Tgt Ion:178 Resp: 627820

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

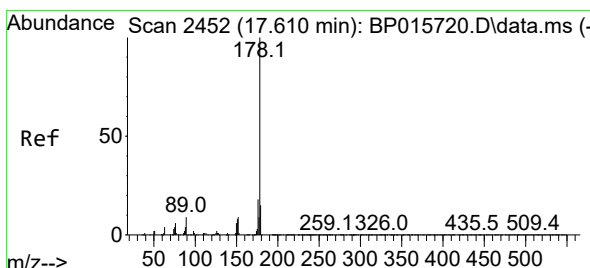
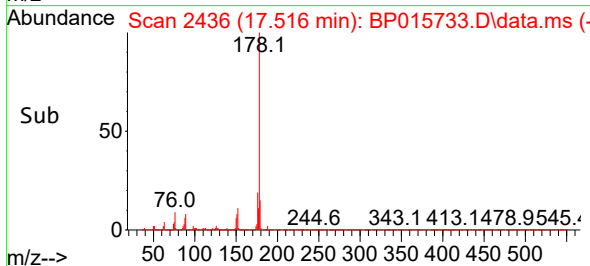
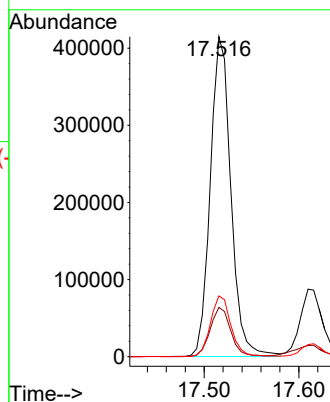
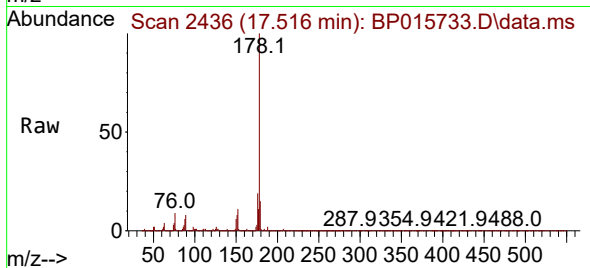
176 19.0 15.6 23.4

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#74

Anthracene

Concen: 4.196 ng/ul

RT: 17.610 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BP015733.D

Acq: 27 Jun 2023 02:54

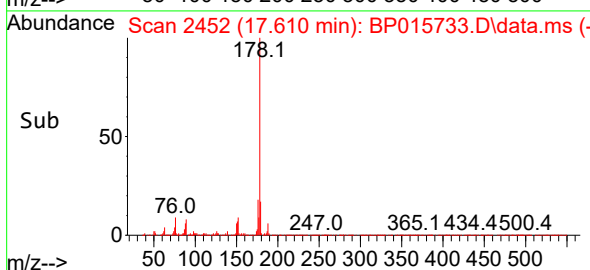
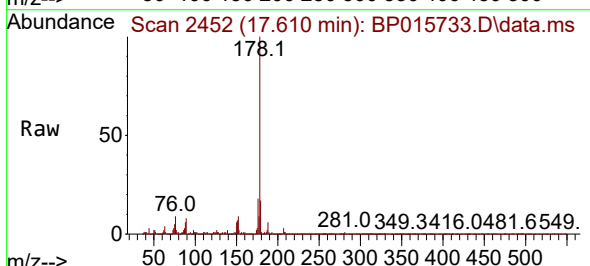
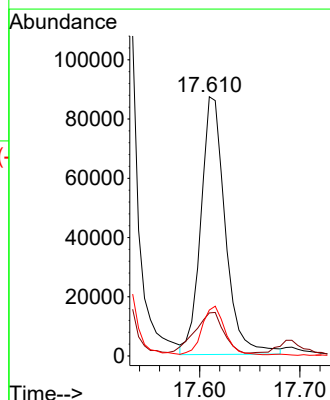
Tgt Ion:178 Resp: 147787

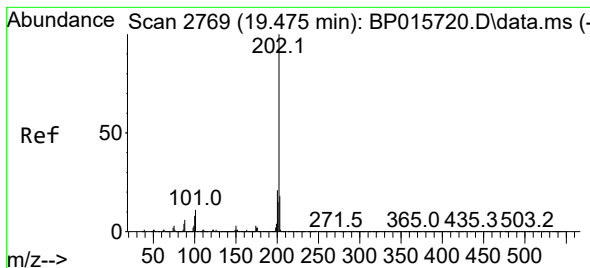
Ion Ratio Lower Upper

178 100

179 16.6 12.1 18.1

176 17.7 14.6 22.0





#80

Fluoranthene

Concen: 21.396 ng/ul

RT: 19.474 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015733.D

Acq: 27 Jun 2023 02:54

Instrument :

BNA_P

ClientSampleId :

DCFQ8

Tgt Ion:202 Resp: 119631

Ion Ratio Lower Upper

202 100

101 10.5 8.3 12.5

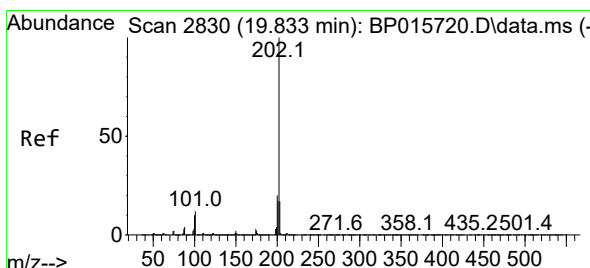
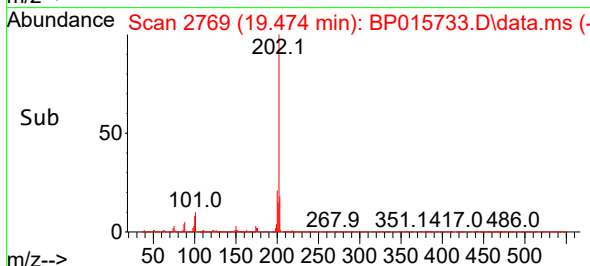
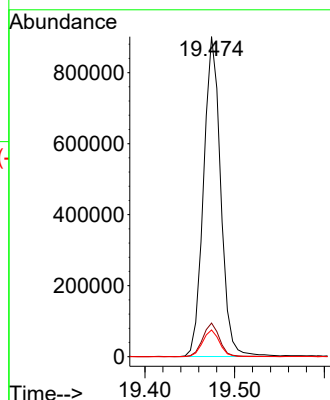
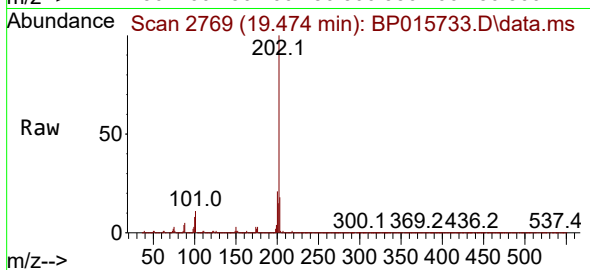
100 8.3 6.6 9.8

Manual Integrations

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#82

Pyrene

Concen: 16.275 ng/ul

RT: 19.827 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BP015733.D

Acq: 27 Jun 2023 02:54

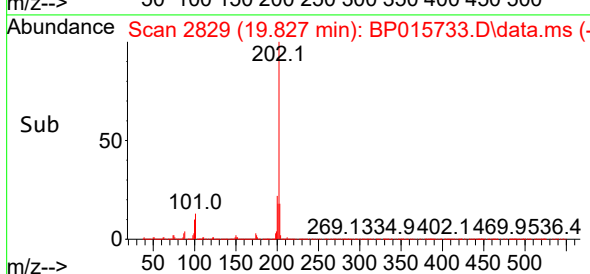
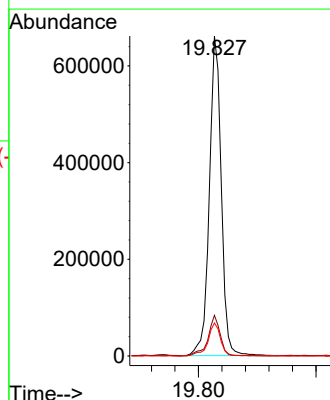
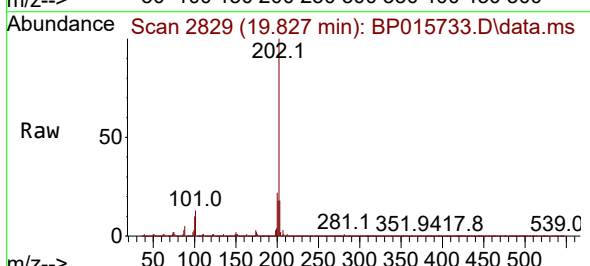
Tgt Ion:202 Resp: 928261

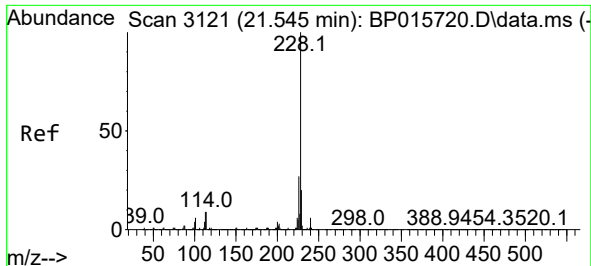
Ion Ratio Lower Upper

202 100

101 12.7 9.3 13.9

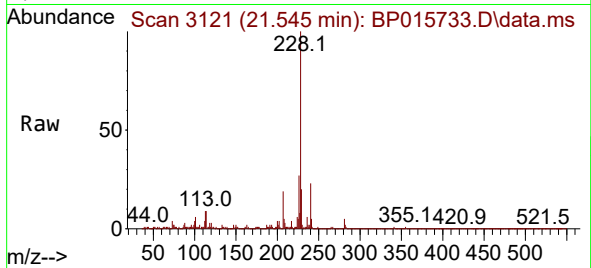
100 10.3 7.6 11.4





#85
Benzo(a)anthracene
Concen: 11.752 ng/ul
RT: 21.545 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BP015733.D
Acq: 27 Jun 2023 02:54

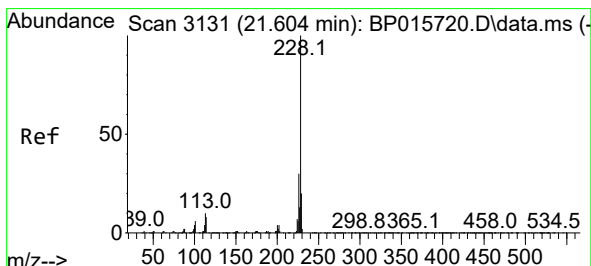
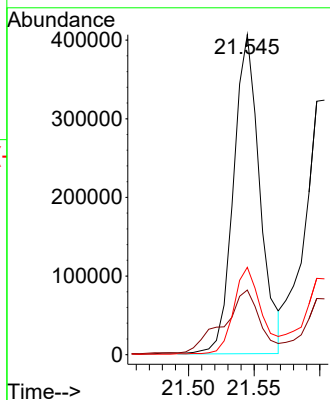
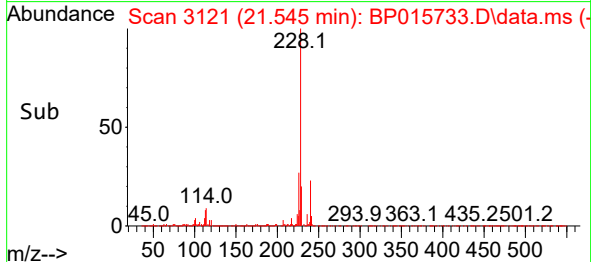
Instrument :
BNA_P
ClientSampleId :
DCFQ8



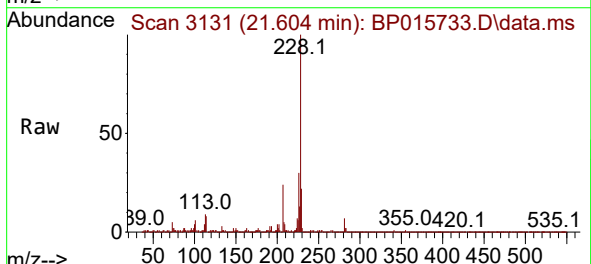
Tgt Ion:228 Resp: 569570
Ion Ratio Lower Upper
228 100
229 20.2 15.3 22.9
226 27.3 21.4 32.0

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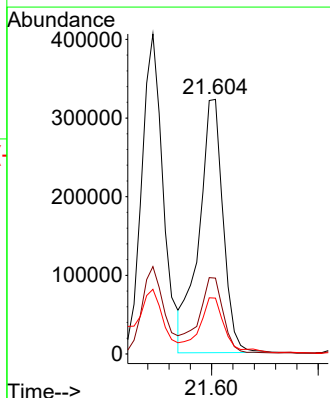
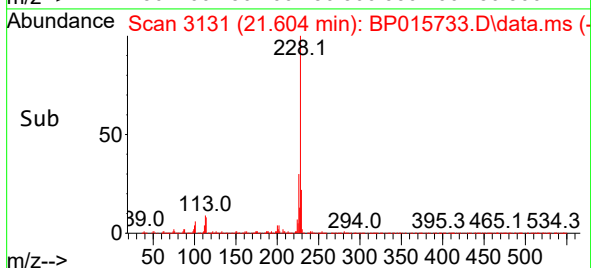
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

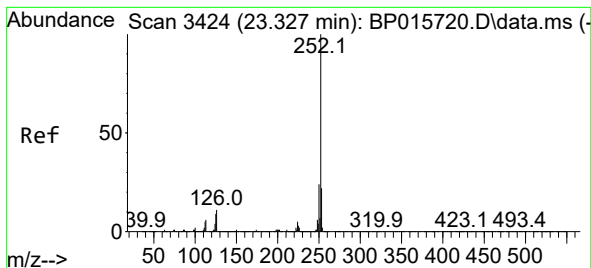


#87
Chrysene
Concen: 11.079 ng/ul
RT: 21.604 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BP015733.D
Acq: 27 Jun 2023 02:54



Tgt Ion:228 Resp: 509450
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 22.0 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 13.243 ng/ul

RT: 23.327 min Scan# 3424

Delta R.T. -0.000 min

Lab File: BP015733.D

Acq: 27 Jun 2023 02:54

Instrument :

BNA_P

ClientSampleId :

DCFQ8

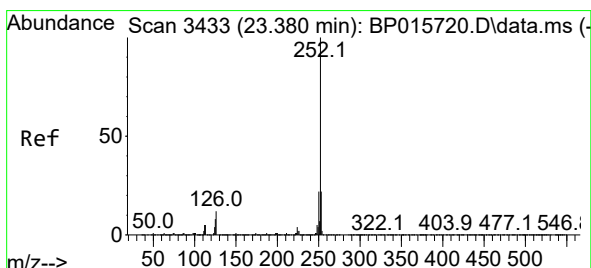
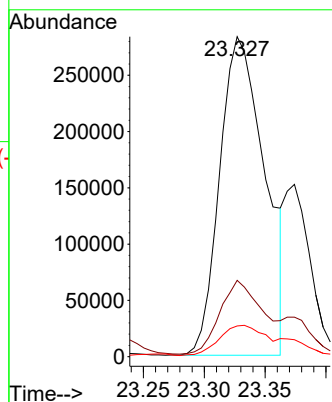
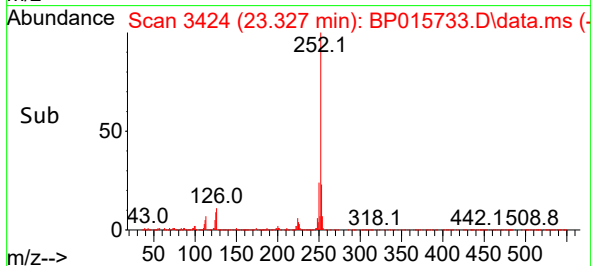
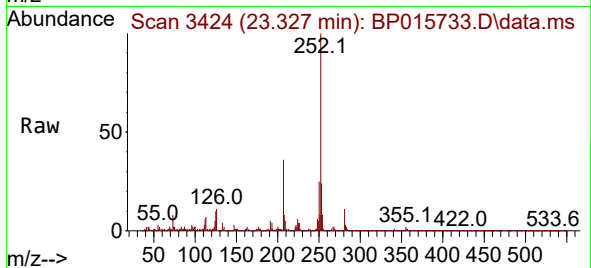
Tgt Ion:252 Resp: 728920
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.3 25.9
 125 9.6 7.5 11.3

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#91

Benzo(k)fluoranthene

Concen: 4.020 ng/ul m

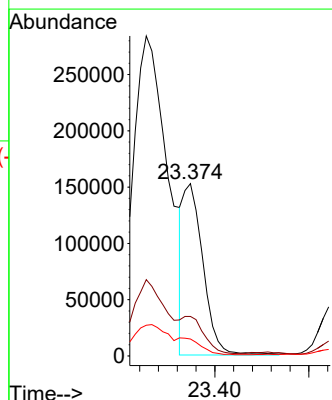
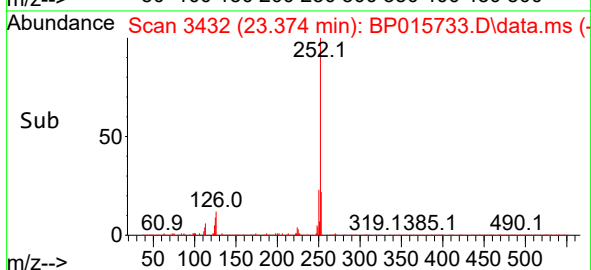
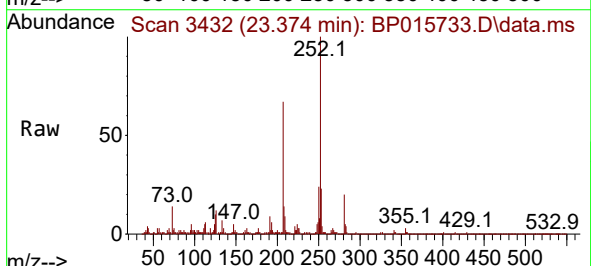
RT: 23.374 min Scan# 3432

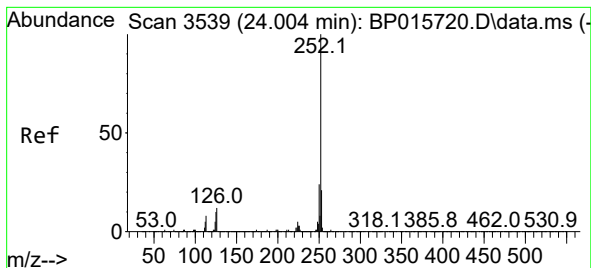
Delta R.T. -0.006 min

Lab File: BP015733.D

Acq: 27 Jun 2023 02:54

Tgt Ion:252 Resp: 223568
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.0 25.4
 125 9.8 7.3 10.9





#93

Benzo(a)pyrene

Concen: 9.457 ng/ul

RT: 23.998 min Scan# 3539

Delta R.T. -0.006 min

Lab File: BP015733.D

Acq: 27 Jun 2023 02:54

Instrument :

BNA_P

ClientSampleId :

DCFQ8

Tgt Ion:252 Resp: 454832

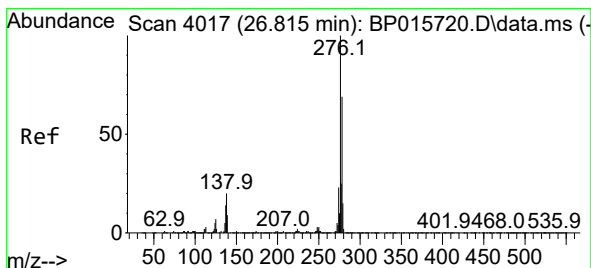
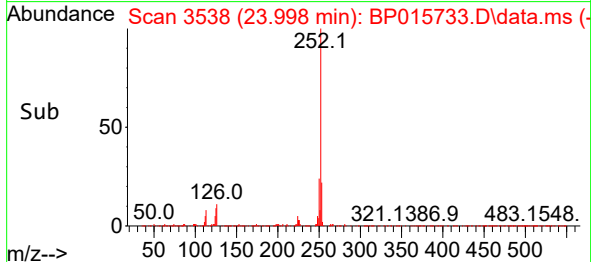
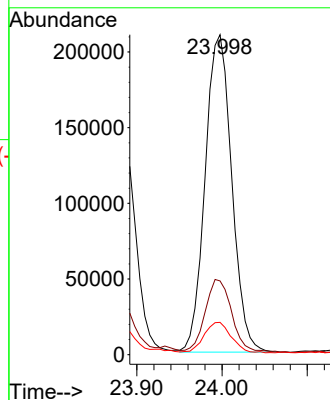
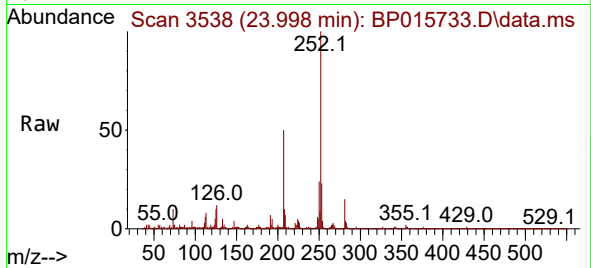
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	10.1	8.2	12.2

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 5.221 ng/ul

RT: 26.809 min Scan# 4016

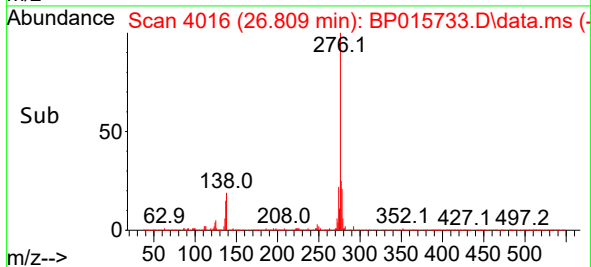
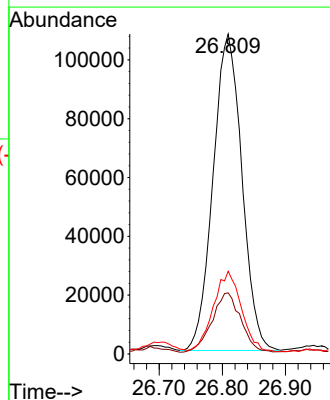
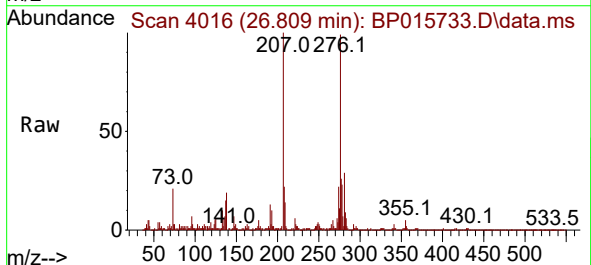
Delta R.T. -0.006 min

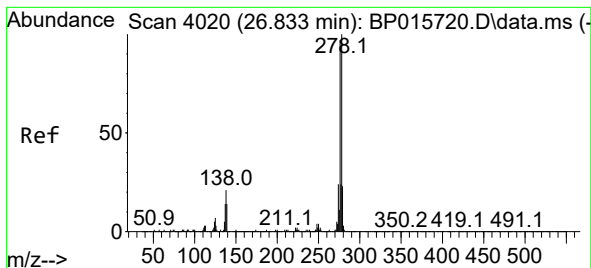
Lab File: BP015733.D

Acq: 27 Jun 2023 02:54

Tgt Ion:276 Resp: 340884

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.7	23.5
277	25.9	19.6	29.4





#95

Dibenzo(a,h)anthracene

Concen: 1.805 ng/ul

RT: 26.809 min Scan# 4020

Delta R.T. -0.018 min

Lab File: BP015733.D

Acq: 27 Jun 2023 02:54

Instrument :

BNP_P

ClientSampleId :

DCFQ8

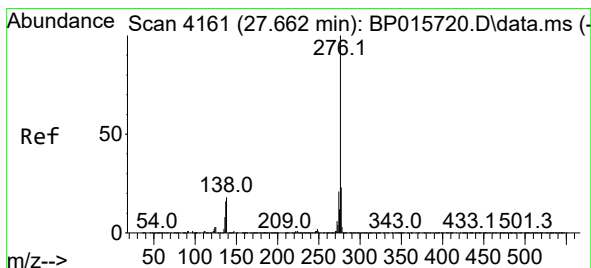
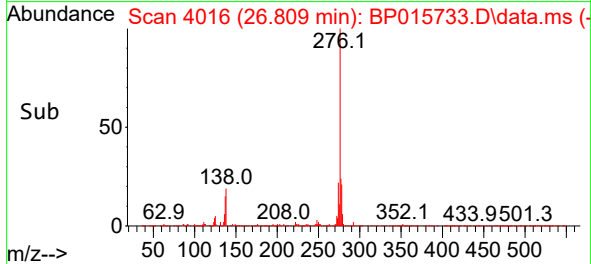
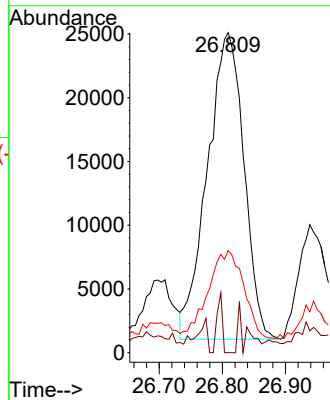
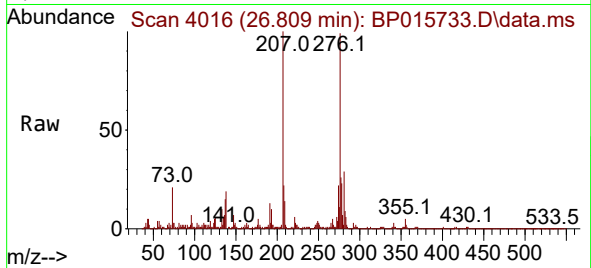
Tgt Ion:	278	Resp:	9682
Ion Ratio	Lower	Upper	
278	100		
139	0.0	10.5	15.7
279	31.9	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/27/2023



#96

Benzo(g,h,i)perylene

Concen: 5.540 ng/ul

RT: 27.644 min Scan# 4158

Delta R.T. -0.012 min

Lab File: BP015733.D

Acq: 27 Jun 2023 02:54

Tgt Ion:	276	Resp:	297535
Ion Ratio	Lower	Upper	
276	100		
138	19.8	15.1	22.7
277	25.6	18.8	28.2

