

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015773.D
 Acq On : 28 Jun 2023 11:34
 Operator : MA/JU
 Sample : 03142-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFS5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 29 00:28:04 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	156392	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	569304	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	295060	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	595087	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	613047	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	778179	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	14592	3.357	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.240	99	200465	14.981	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.387	67	152790	18.456	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	181650	17.983	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	115176	10.896	ng/u1	0.01
21) Nitrobenzene-d5	9.252	128	78722	18.094	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	84497	16.640	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	129413	14.302	ng/u1	0.04
31) 4-Chloroaniline-d4	11.087	131	70597m	6.073	ng/u1	0.05
46) Dimethylphthalate-d6	14.122	166	419136	18.378	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	493426	19.247	ng/u1	0.00
54) 4-Nitrophenol-d4	15.040	143	22777m	7.568	ng/u1	0.09
60) Fluorene-d10	15.710	176	350463	18.663	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	34133m	9.327	ng/u1	0.02
73) Anthracene-d10	17.575	188	528821	19.455	ng/u1	0.00
81) Pyrene-d10	19.798	212	651971	16.287	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	761429	19.397	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.434	152	45840	1.623	ng/u1	98
72) Phenanthrene	17.516	178	88756	2.745	ng/u1	99
80) Fluoranthene	19.475	202	241556	4.855	ng/u1#	84
82) Pyrene	19.828	202	208816	4.115	ng/u1	96
85) Benzo(a)anthracene	21.545	228	119724	2.776	ng/u1	97
87) Chrysene	21.598	228	155571	3.802	ng/u1	97
90) Benzo(b)fluoranthene	23.327	252	259157	5.183	ng/u1#	92
91) Benzo(k)fluoranthene	23.374	252	92251m	1.826	ng/u1	
93) Benzo(a)pyrene	23.992	252	145591	3.332	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	26.810	276	137951	2.326	ng/u1	98
96) Benzo(g,h,i)perylene	27.645	276	120113	2.462	ng/u1	96

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

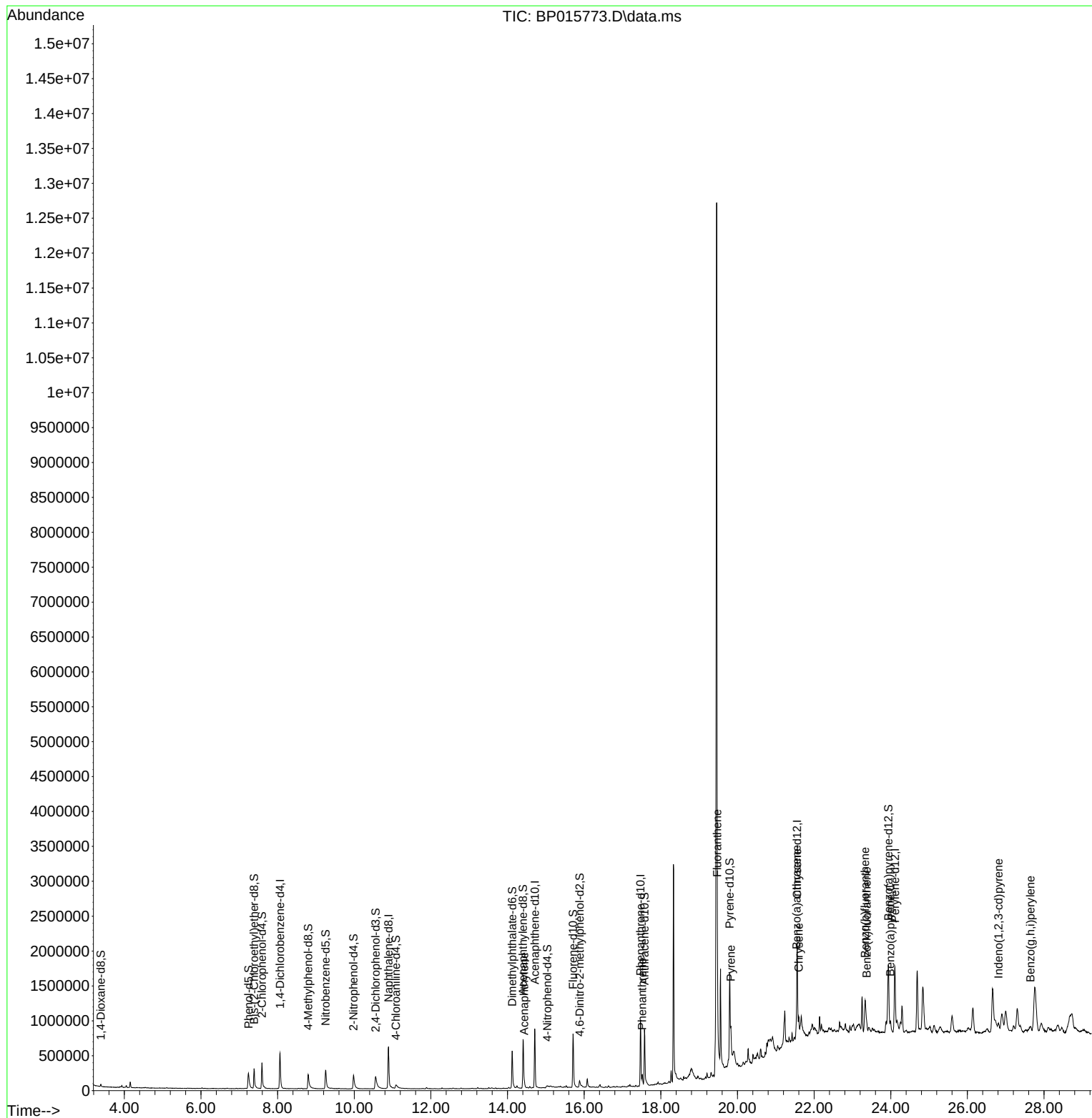
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015773.D
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ALS Vial : 7 Sample Multiplier: 1

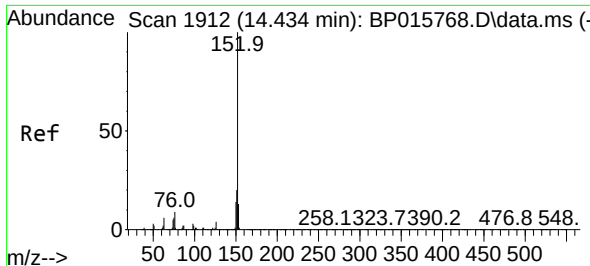
Instrument :
BNA_P
ClientSampleId :
DCFS5

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Supervised By :mohammad ahmed 06/29/2023

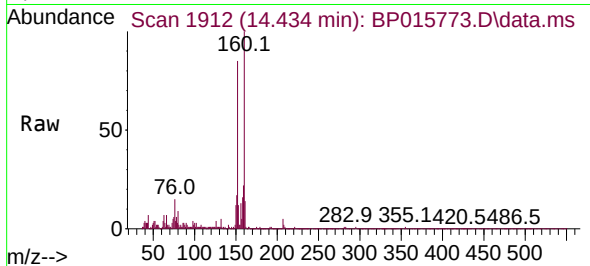
Quant Time: Jun 29 00:28:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.623 ng/ul
RT: 14.434 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP015773.D
Acq: 28 Jun 2023 11:34

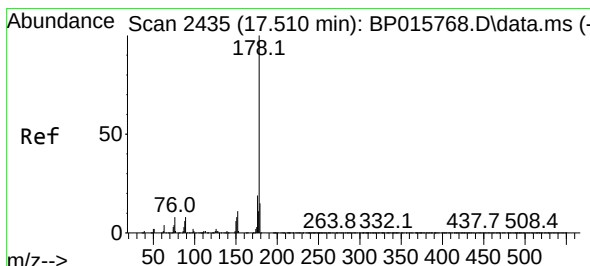
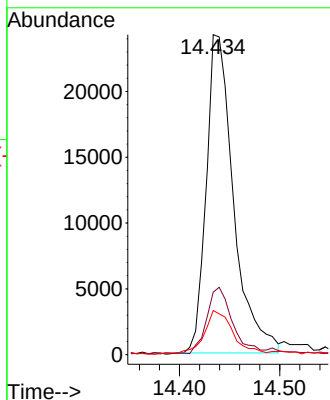
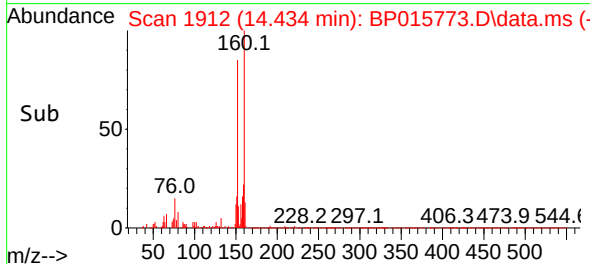
Instrument :
BNA_P
ClientSampleId :
DCFS5



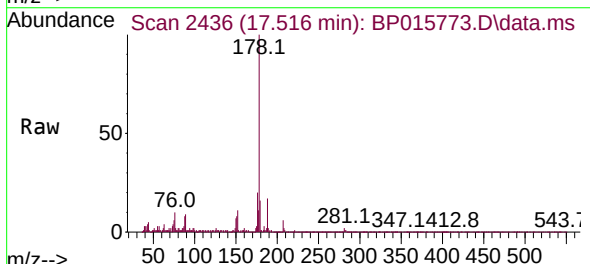
Tgt Ion:152 Resp: 45840
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 13.8 10.5 15.7

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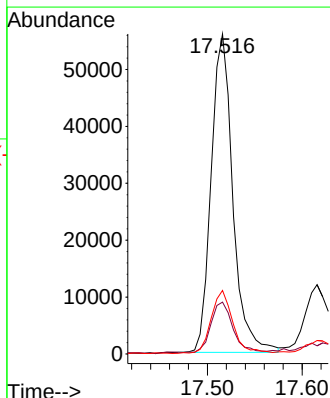
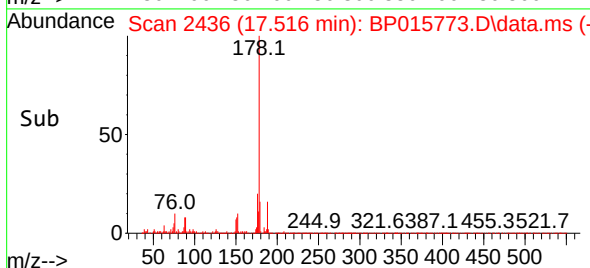
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

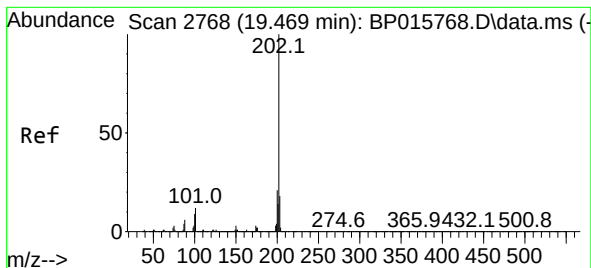


#72
Phenanthrene
Concen: 2.745 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP015773.D
Acq: 28 Jun 2023 11:34



Tgt Ion:178 Resp: 88756
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 19.8 15.6 23.4





#80

Fluoranthene

Concen: 4.855 ng/u1

RT: 19.475 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015773.D

Acq: 28 Jun 2023 11:34

Instrument :

BNP_P

ClientSampleId :

DCFS5

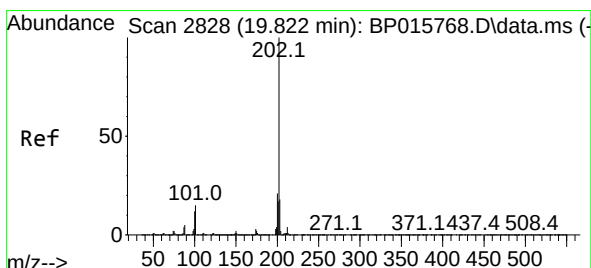
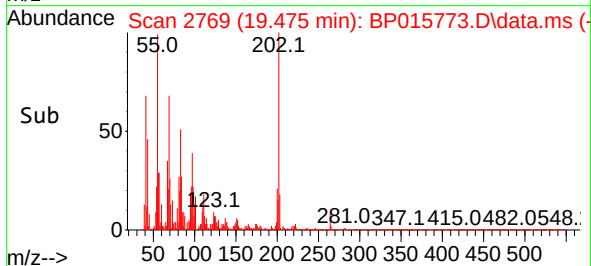
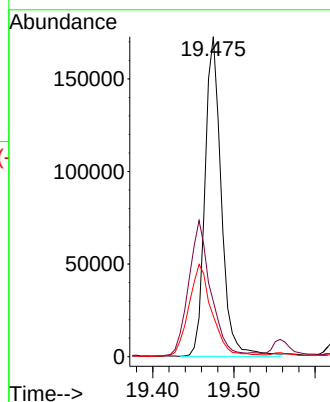
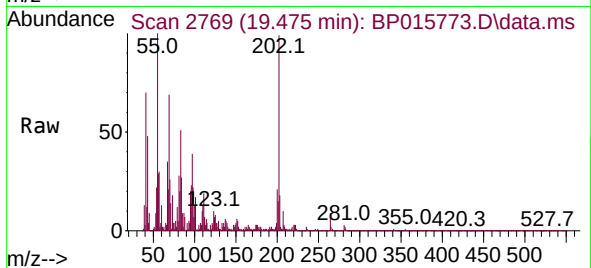
Tgt Ion:	202	Resp:	241550
Ion Ratio	Lower	Upper	
202	100		
101	17.3	8.3	12.5
100	12.7	6.6	9.8

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#82

Pyrene

Concen: 4.115 ng/u1

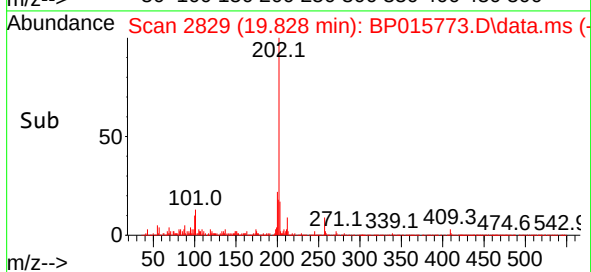
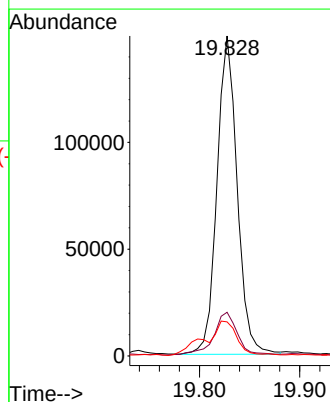
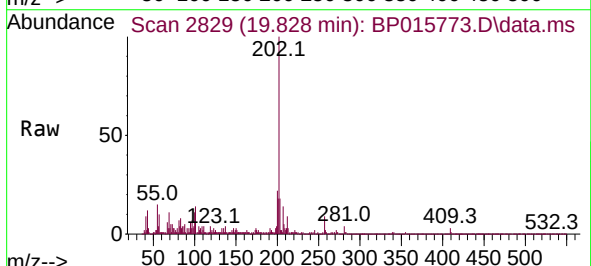
RT: 19.828 min Scan# 2829

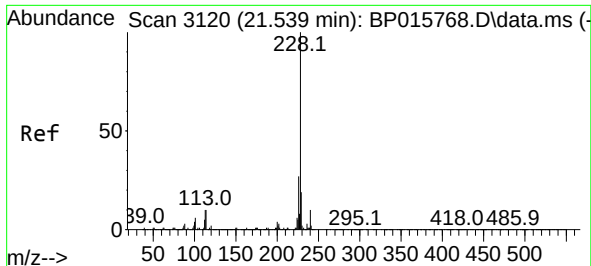
Delta R.T. -0.006 min

Lab File: BP015773.D

Acq: 28 Jun 2023 11:34

Tgt Ion:	202	Resp:	208816
Ion Ratio	Lower	Upper	
202	100		
101	13.7	9.3	13.9
100	10.7	7.6	11.4





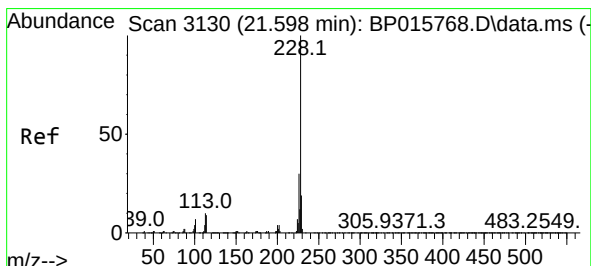
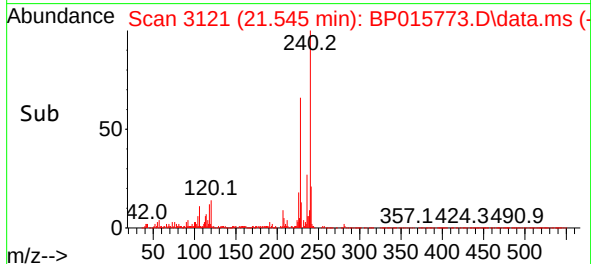
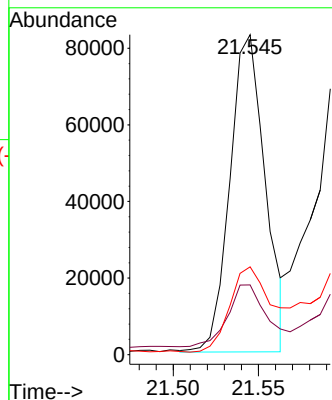
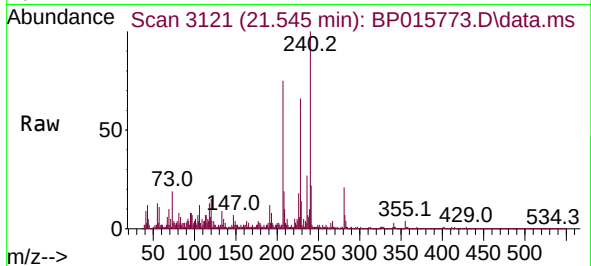
#85
Benzo(a)anthracene
Concen: 2.776 ng/ul
RT: 21.545 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP015773.D
Acq: 28 Jun 2023 11:34

Instrument :
BNA_P
ClientSampleId :
DCFS5

Tgt Ion:228 Resp: 119724
Ion Ratio Lower Upper
228 100
229 21.8 15.3 22.9
226 27.5 21.4 32.0

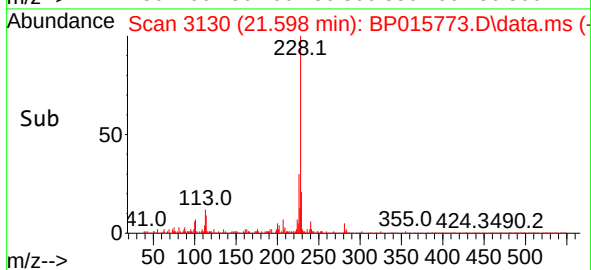
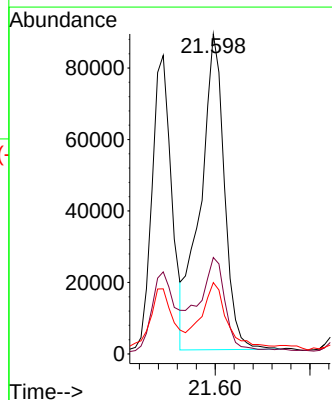
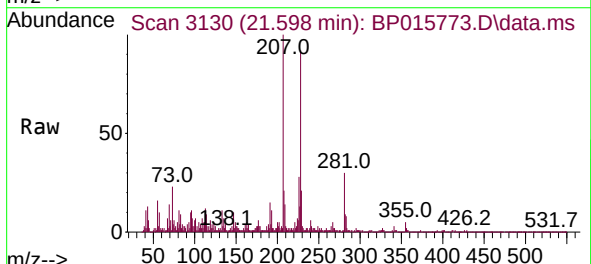
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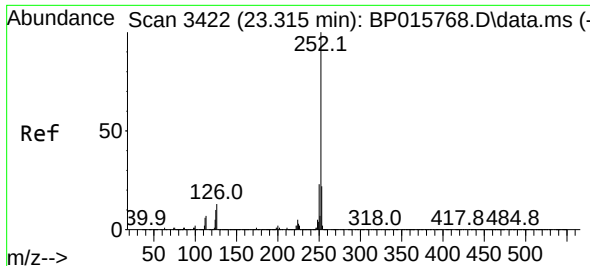
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#87
Chrysene
Concen: 3.802 ng/ul
RT: 21.598 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP015773.D
Acq: 28 Jun 2023 11:34

Tgt Ion:228 Resp: 155571
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 22.3 15.5 23.3





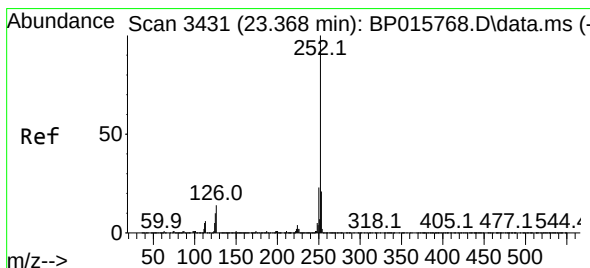
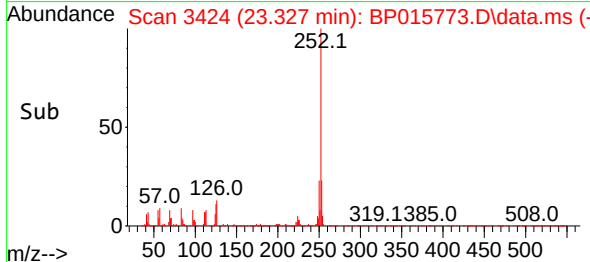
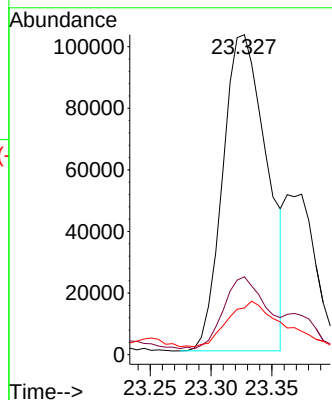
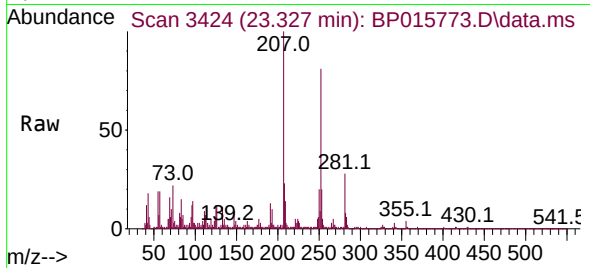
#90
Benzo(b)fluoranthene
Concen: 5.183 ng/ul
RT: 23.327 min Scan# 3422
Delta R.T. 0.000 min
Lab File: BP015773.D
Acq: 28 Jun 2023 11:34

Instrument :
BNA_P
ClientSampleId :
DCFS5

Tgt Ion:252 Resp: 25915
Ion Ratio Lower Upper
252 100
253 24.4 17.3 25.9
125 14.6 7.5 11.3

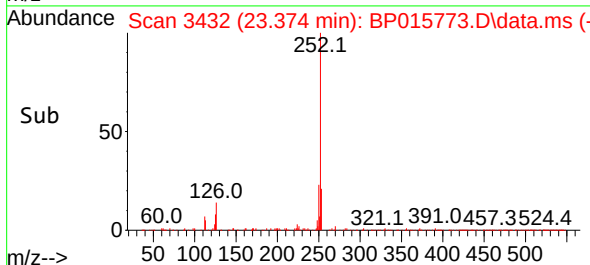
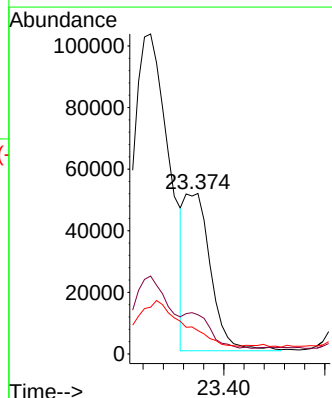
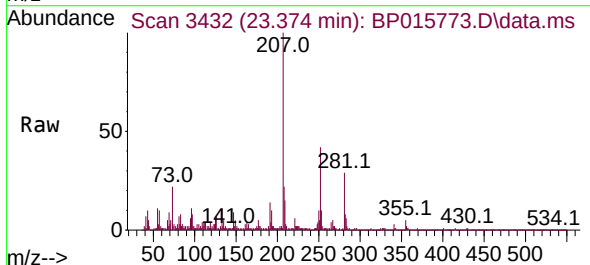
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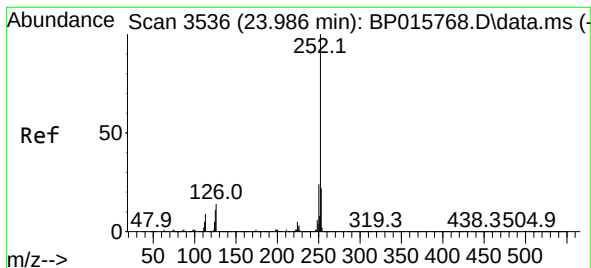
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#91
Benzo(k)fluoranthene
Concen: 1.826 ng/ul m
RT: 23.374 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BP015773.D
Acq: 28 Jun 2023 11:34

Tgt Ion:252 Resp: 92251
Ion Ratio Lower Upper
252 100
253 24.5 17.0 25.4
125 14.6 7.3 10.9





#93

Benzo(a)pyrene

Concen: 3.332 ng/ul

RT: 23.992 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP015773.D

Acq: 28 Jun 2023 11:34

Instrument :

BNA_P

ClientSampleId :

DCFS5

Tgt Ion:252 Resp: 14559

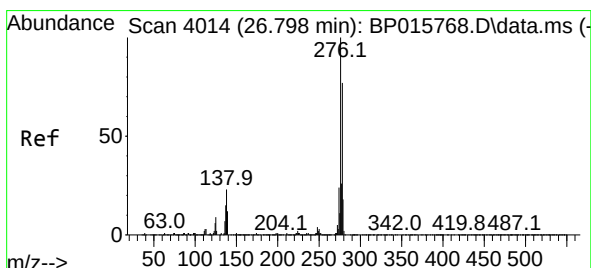
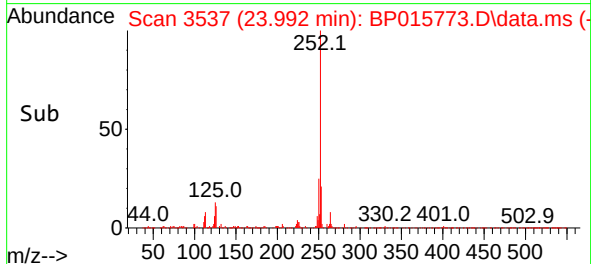
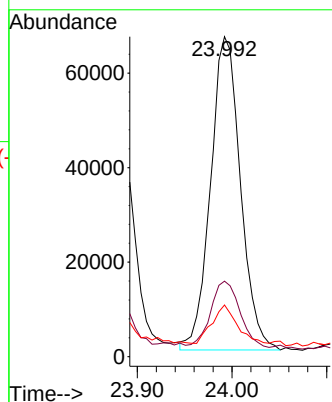
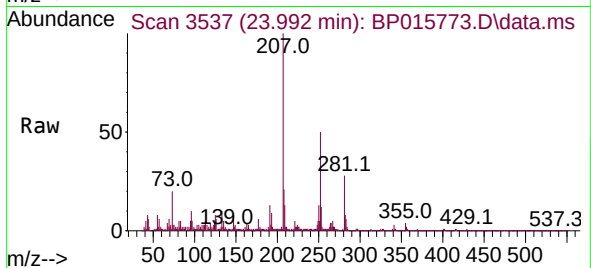
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	16.2	8.2	12.2

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.326 ng/ul

RT: 26.810 min Scan# 4016

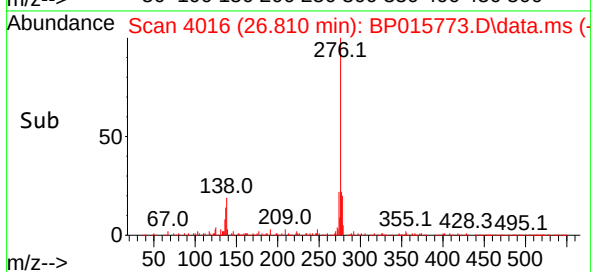
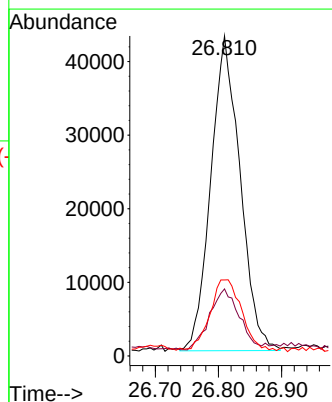
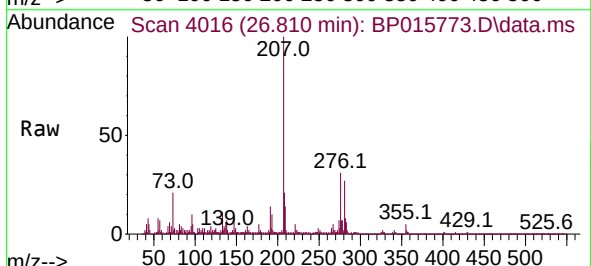
Delta R.T. -0.006 min

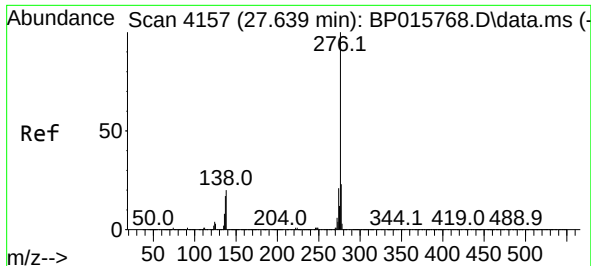
Lab File: BP015773.D

Acq: 28 Jun 2023 11:34

Tgt Ion:276 Resp: 137951

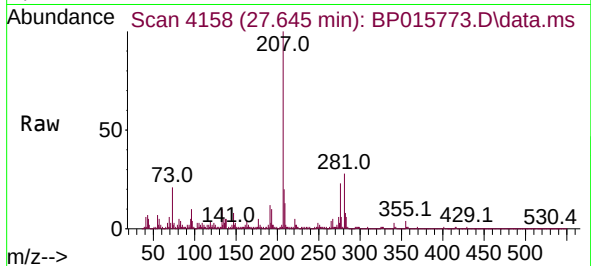
Ion	Ratio	Lower	Upper
276	100		
138	20.9	15.7	23.5
277	23.8	19.6	29.4





#96
 Benzo(g,h,i)perylene
 Concen: 2.462 ng/ul
 RT: 27.645 min Scan# 4158
 Delta R.T. -0.012 min
 Lab File: BP015773.D
 Acq: 28 Jun 2023 11:34

Instrument :
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Tgt Ion: 276 Resp: 12011
 Ion Ratio Lower Upper
 276 100
 138 22.2 15.1 22.7
 277 24.4 18.8 28.2

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