

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015789.D
 Acq On : 28 Jun 2023 21:12
 Operator : MA/JU
 Sample : 03142-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFS9

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 02:49:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	317993	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	1236785	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.710	164	586022	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1094558	20.000	ng/u1 #	0.00
79) Chrysene-d12	21.551	240	970968	20.000	ng/u1 #	0.00
88) Perylene-d12	24.098	264	1231505	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	33304	3.768	ng/uL	0.00
4) Pyridine-d5	3.834	84	215365	9.666	ng/u1	0.01
7) Phenol-d5	7.228	99	596141	21.911	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	423964	25.187	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	464338	22.608	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	375825	17.485	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	235804	24.948	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	248466	22.523	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	382104	19.437	ng/u1	0.02
31) 4-Chloroaniline-d4	11.081	131	142079m	5.626	ng/u1	0.05
46) Dimethylphthalate-d6	14.116	166	1175006	25.941	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1352293	26.558	ng/u1	0.00
54) 4-Nitrophenol-d4	14.987	143	71514	11.964	ng/u1	0.04
60) Fluorene-d10	15.704	176	919415	24.652	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	99037	14.713	ng/u1	0.01
73) Anthracene-d10	17.569	188	1221596	24.433	ng/u1	0.00
81) Pyrene-d10	19.792	212	1387070	21.877	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	1565464	25.200	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.510	178	182209	3.064	ng/u1	98
80) Fluoranthene	19.469	202	542204	6.881	ng/u1#	83
82) Pyrene	19.822	202	471004	5.860	ng/u1#	89
85) Benzo(a)anthracene	21.539	228	281785	4.126	ng/u1	96
87) Chrysene	21.592	228	362005	5.586	ng/u1	97
90) Benzo(b)fluoranthene	23.316	252	625956	7.911	ng/u1#	91
91) Benzo(k)fluoranthene	23.363	252	190004m	2.377	ng/u1	
93) Benzo(a)pyrene	23.986	252	374022	5.409	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	26.798	276	325063	3.463	ng/u1	95
95) Dibenzo(a,h)anthracene	26.786	278	91666m	1.189	ng/u1	
96) Benzo(g,h,i)perylene	27.633	276	300813	3.896	ng/u1#	93

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

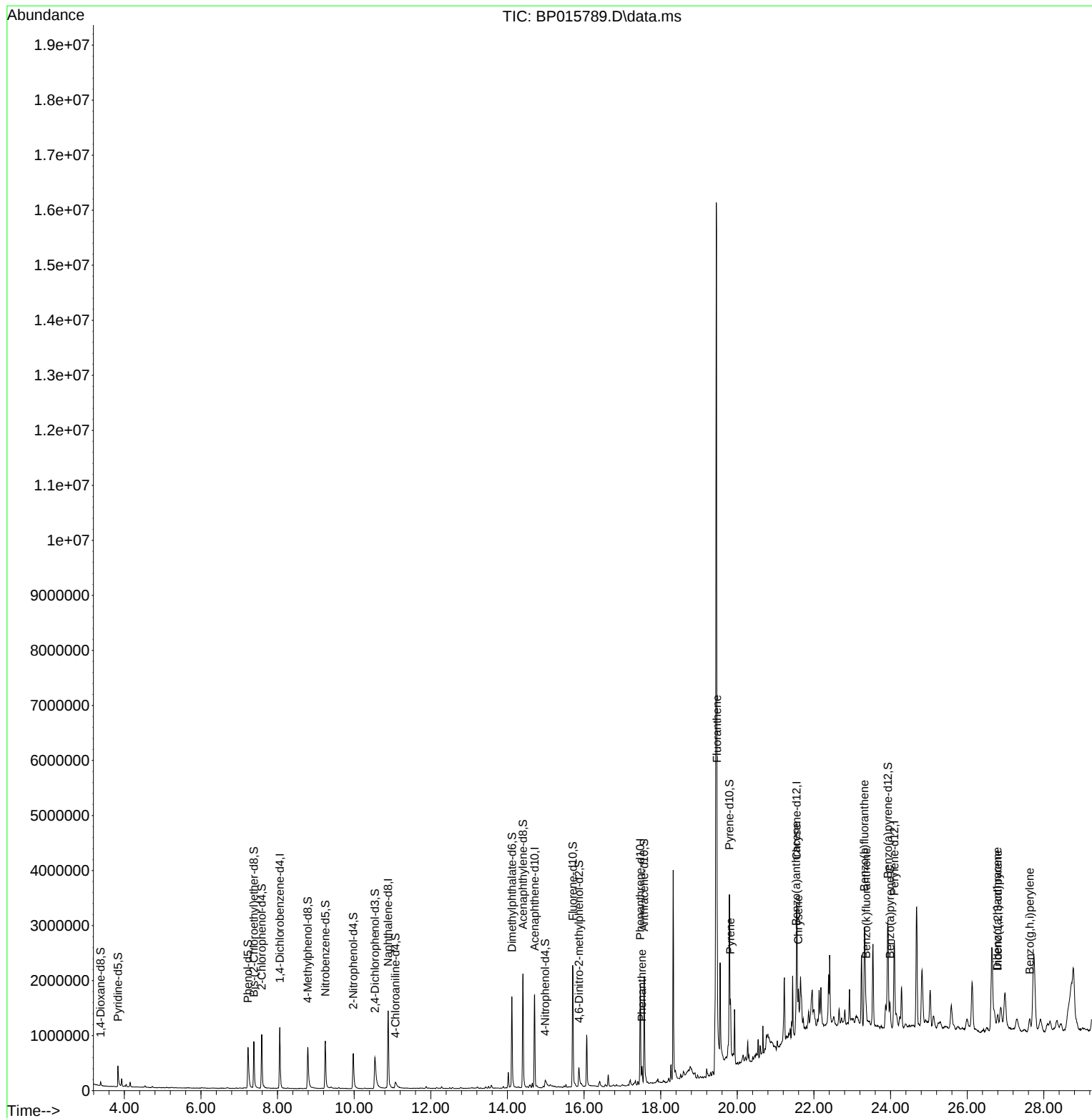
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015789.D
Acq On : 28 Jun 2023 21:12
Operator : MA/JU
Sample : 03142-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

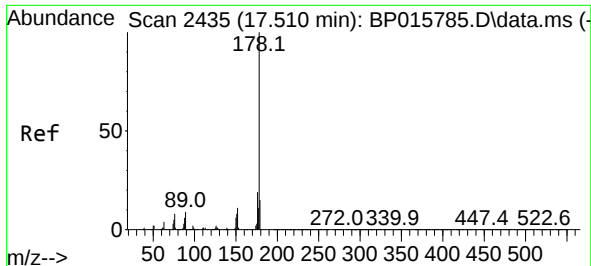
Instrument :
BNA_P
ClientSampleId :
DCFS9

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Supervised By :mohammad ahmed 06/29/2023

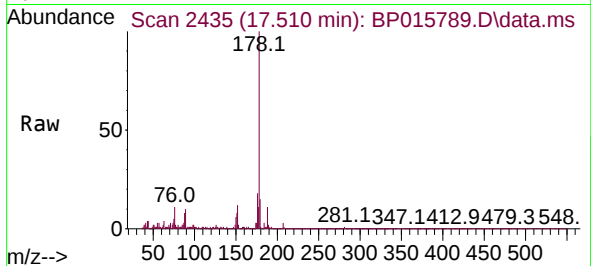
Quant Time: Jun 29 02:49:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.064 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP015789.D
Acq: 28 Jun 2023 21:12

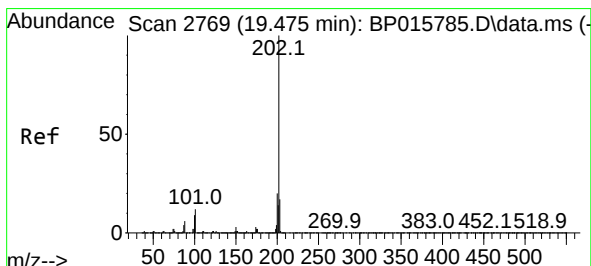
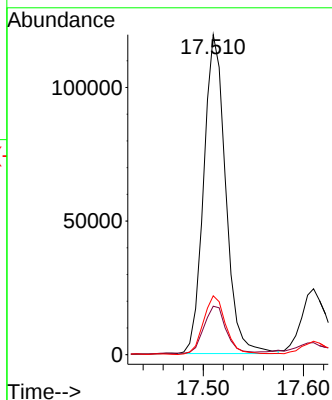
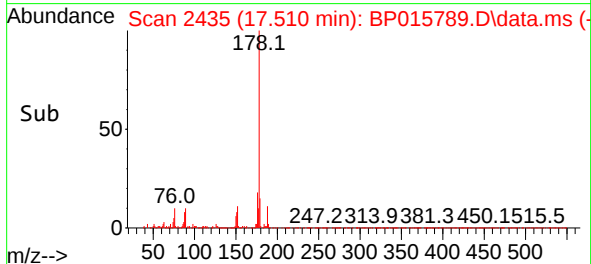
Instrument :
BNA_P
ClientSampleId :
DCFS9



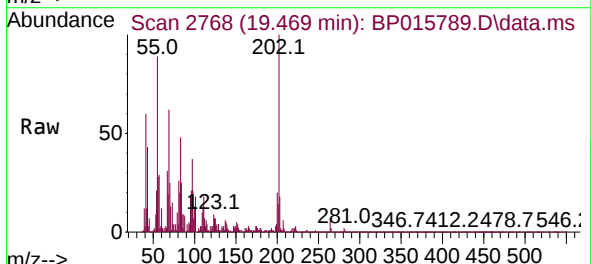
Tgt Ion:178 Resp: 182209
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.4 15.6 23.4

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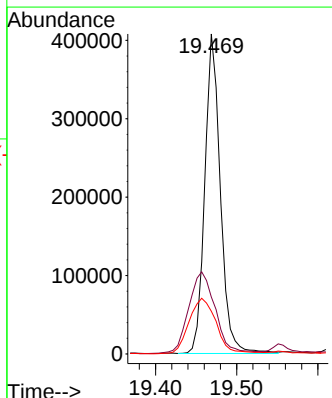
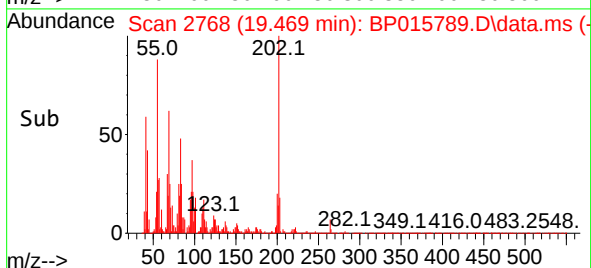
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

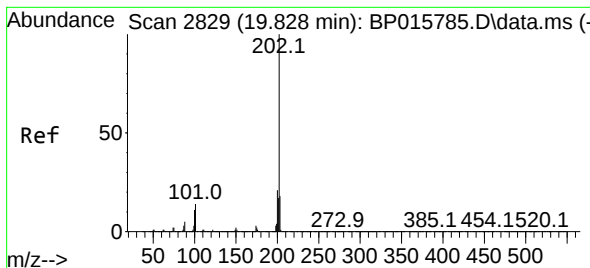


#80
Fluoranthene
Concen: 6.881 ng/ul
RT: 19.469 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BP015789.D
Acq: 28 Jun 2023 21:12



Tgt Ion:202 Resp: 542204
Ion Ratio Lower Upper
202 100
101 17.8 8.3 12.5#
100 13.3 6.6 9.8#





#82

Pyrene

Concen: 5.860 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015789.D

Acq: 28 Jun 2023 21:12

Instrument :

BNA_P

ClientSampleId :

DCFS9

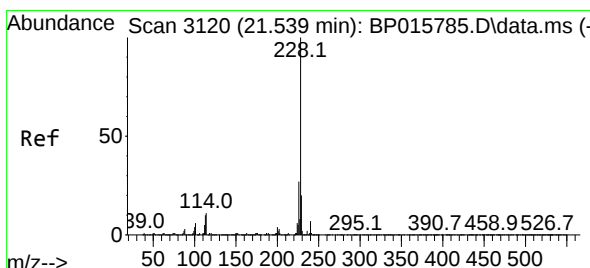
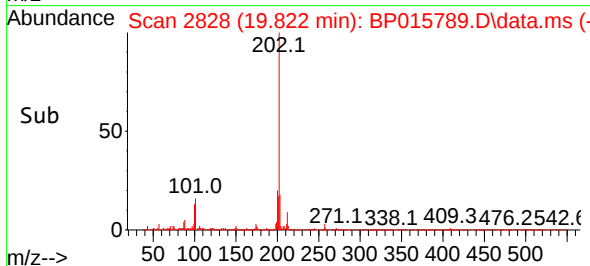
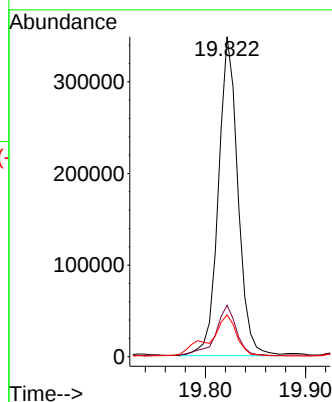
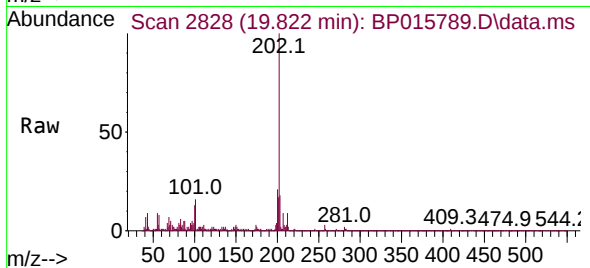
Tgt Ion:	202	Resp:	471004
Ion Ratio	Lower	Upper	
202	100		
101	16.1	9.3	13.9
100	13.0	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 4.126 ng/ul

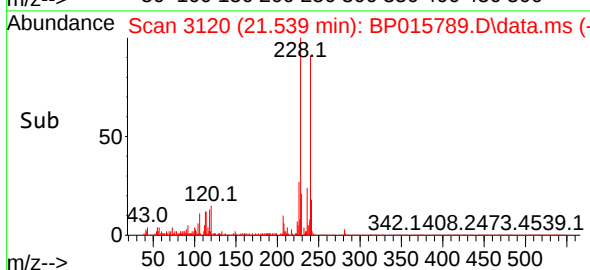
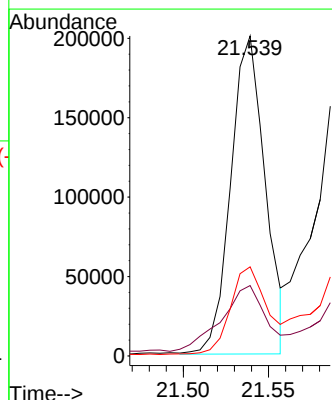
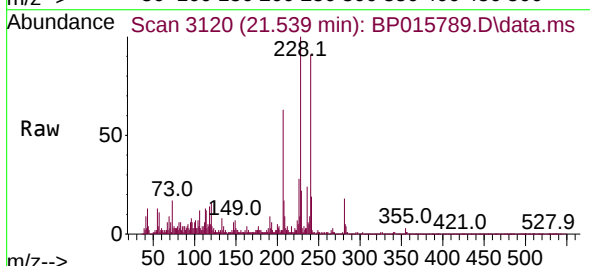
RT: 21.539 min Scan# 3120

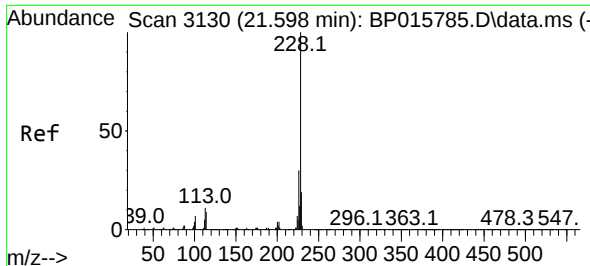
Delta R.T. -0.000 min

Lab File: BP015789.D

Acq: 28 Jun 2023 21:12

Tgt Ion:	228	Resp:	281785
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.3	22.9
226	27.8	21.4	32.0





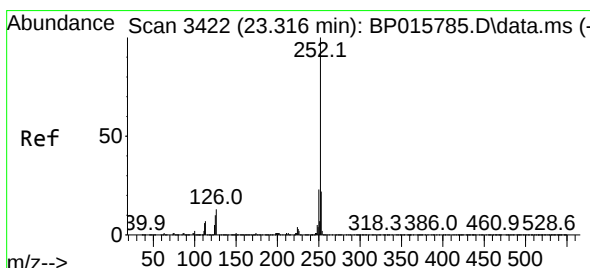
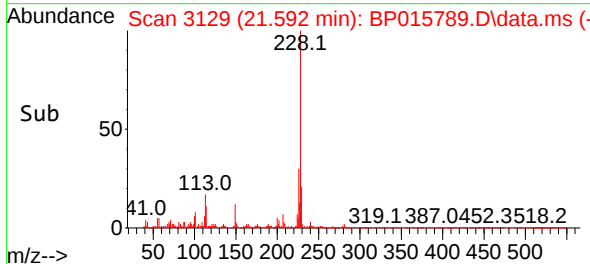
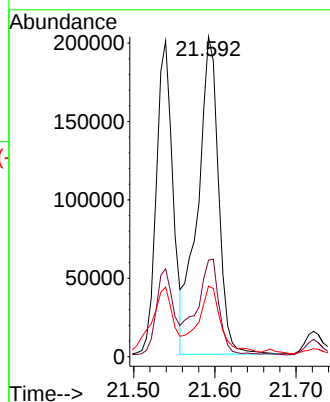
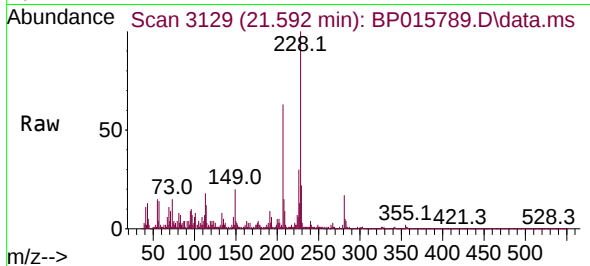
#87
Chrysene
Concen: 5.586 ng/u1
RT: 21.592 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP015789.D
Acq: 28 Jun 2023 21:12

Instrument :
BNA_P
ClientSampleId :
DCFS9

Tgt Ion:228 Resp: 362000
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.1 15.5 23.3

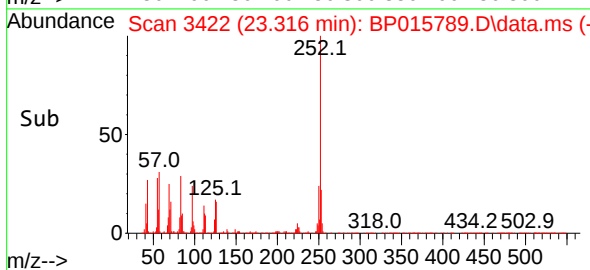
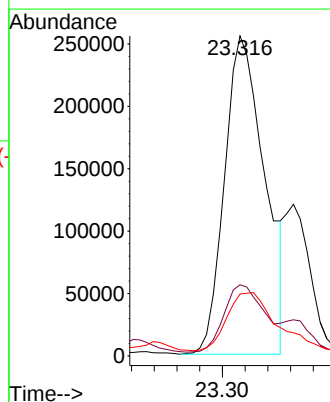
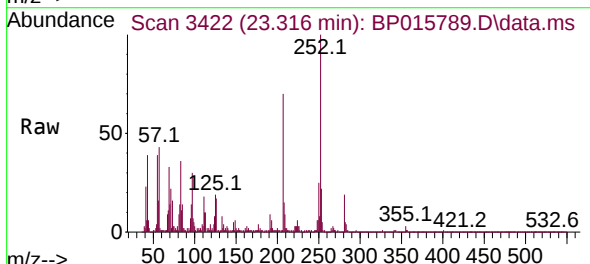
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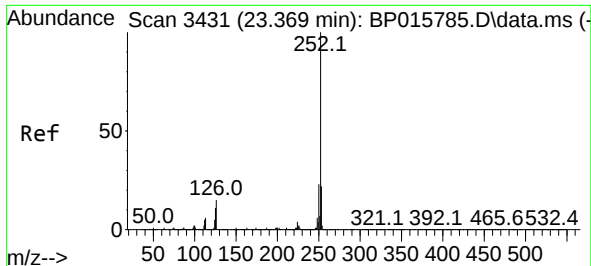
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#90
Benzo(b)fluoranthene
Concen: 7.911 ng/u1
RT: 23.316 min Scan# 3422
Delta R.T. -0.000 min
Lab File: BP015789.D
Acq: 28 Jun 2023 21:12

Tgt Ion:252 Resp: 625956
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 19.4 7.5 11.3





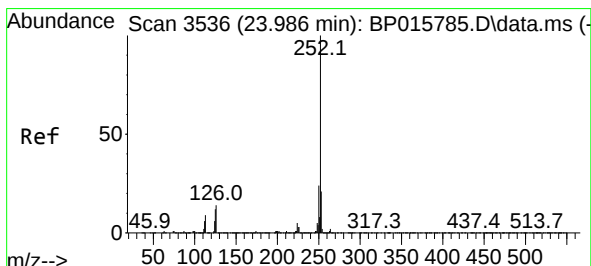
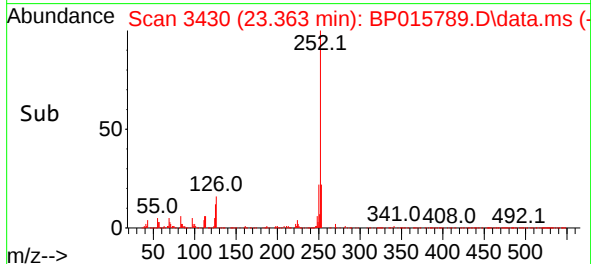
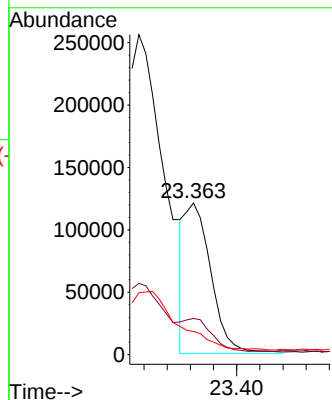
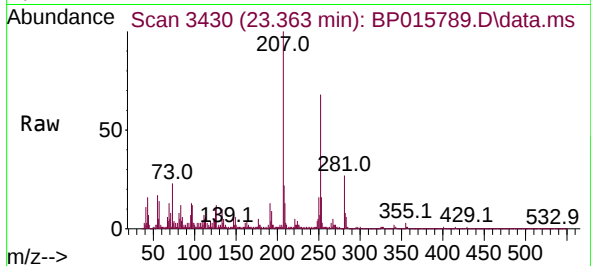
#91
Benzo(k)fluoranthene
Concen: 2.377 ng/ul m
RT: 23.363 min Scan# 3431
Delta R.T. -0.006 min
Lab File: BP015789.D
Acq: 28 Jun 2023 21:12

Instrument :
BNA_P
ClientSampleId :
DCFS9

Tgt Ion:252 Resp: 190004
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.4
125 15.3 7.3 10.9

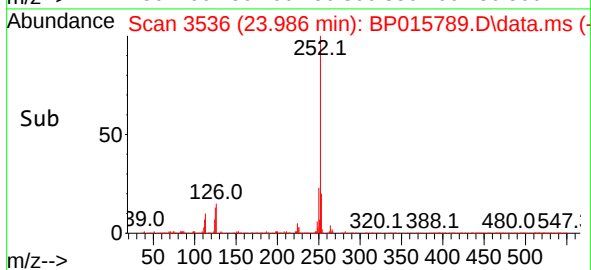
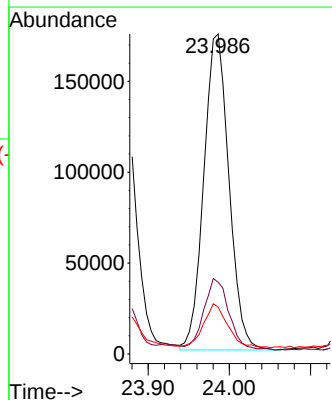
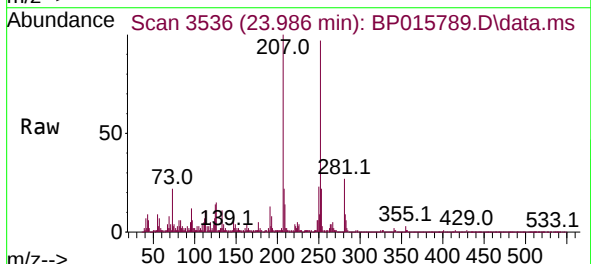
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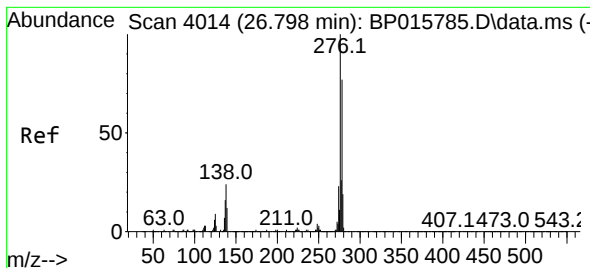
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#93
Benzo(a)pyrene
Concen: 5.409 ng/ul
RT: 23.986 min Scan# 3536
Delta R.T. -0.000 min
Lab File: BP015789.D
Acq: 28 Jun 2023 21:12

Tgt Ion:252 Resp: 374022
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 14.7 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.463 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.000 min

Lab File: BP015789.D

Acq: 28 Jun 2023 21:12

Instrument :

BNA_P

ClientSampleId :

DCFS9

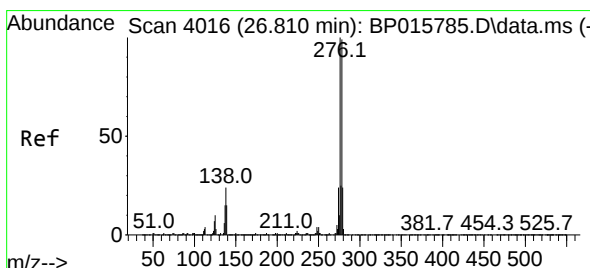
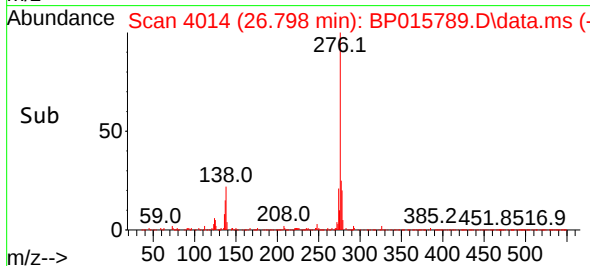
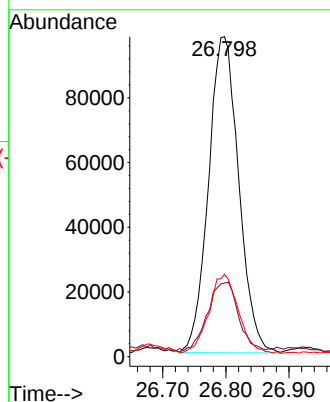
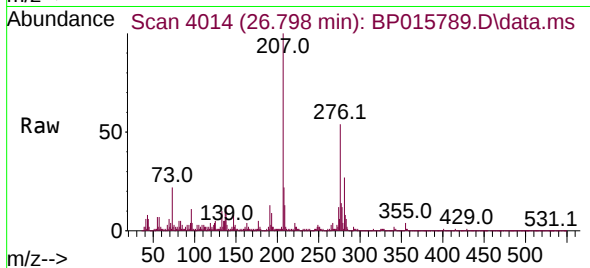
Tgt Ion:	276	Resp:	32506
Ion Ratio	Lower	Upper	
276	100		
138	23.0	15.7	23.5
277	25.8	19.6	29.4

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.189 ng/ul m

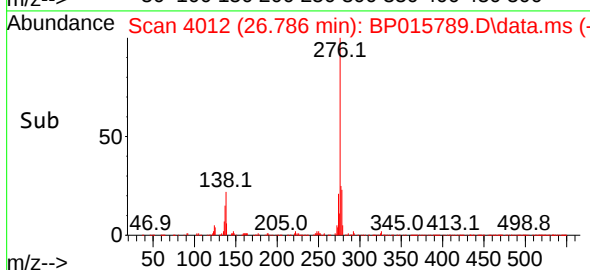
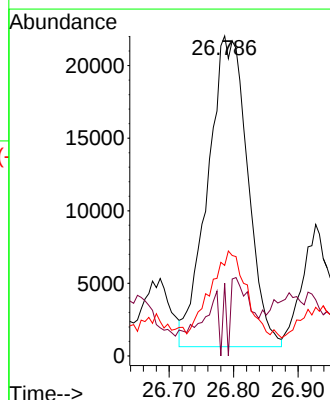
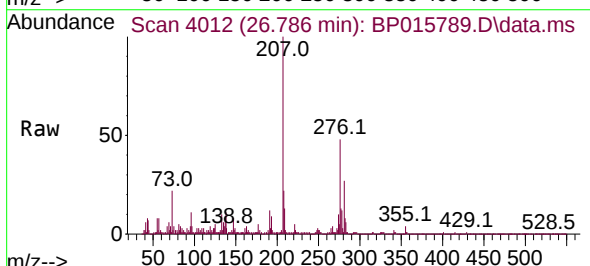
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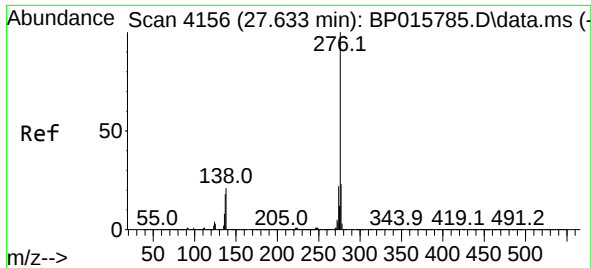
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Lab File: BP015789.D

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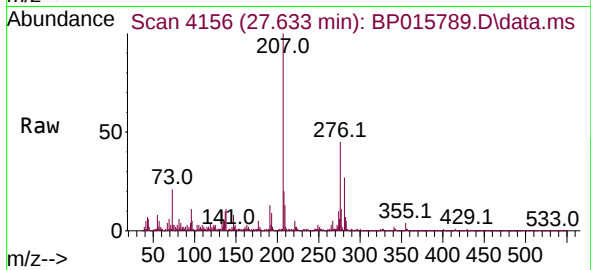
Tgt Ion:	278	Resp:	91666
Ion Ratio	Lower	Upper	
278	100		
139	22.7	10.5	15.7#
279	28.3	18.4	27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 3.896 ng/ul
 RT: 27.633 min Scan# 4156
 Delta R.T. -0.000 min
 Lab File: BP015789.D
 Acq: 28 Jun 2023 21:12

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 276 Resp: 300811
 Ion Ratio Lower Upper
 276 100
 138 25.0 15.1 22.7
 277 24.0 18.8 28.2

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