

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015807.D
 Acq On : 29 Jun 2023 12:57
 Operator : MA/JU
 Sample : 03143-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFV2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 23:11:10 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	213363	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	871550	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	489164	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	965060	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	794026	20.000	ng/u1	# 0.00
88) Perylene-d12	24.104	264	919383	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	17764	2.995	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.240	99	283970	15.555	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	220570	19.529	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	244851	17.768	ng/u1	0.00
15) 4-Methylphenol-d8	8.811	113	122036	8.462	ng/u1	0.02
21) Nitrobenzene-d5	9.252	128	117177	17.592	ng/u1	0.01
24) 2-Nitrophenol-d4	9.987	143	124014	15.953	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.563	165	188562	13.612	ng/u1	0.05
31) 4-Chloroaniline-d4	11.087	131	124423	6.992	ng/u1	0.05
46) Dimethylphthalate-d6	14.122	166	732258	19.367	ng/u1	0.01
49) Acenaphthylene-d8	14.404	160	832706	19.592	ng/u1	0.00
54) 4-Nitrophenol-d4	15.022	143	43748m	8.768	ng/u1	0.07
60) Fluorene-d10	15.710	176	609296	19.572	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.881	200	52030m	8.767	ng/u1	0.02
73) Anthracene-d10	17.575	188	860323	19.516	ng/u1	0.00
81) Pyrene-d10	19.792	212	1000884	19.304	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	929214	20.036	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.434	152	80725	1.724	ng/u1	98
74) Anthracene	17.616	178	64155	1.218	ng/u1	97
80) Fluoranthene	19.469	202	382851	5.941	ng/u1#	91
82) Pyrene	19.822	202	411560	6.261	ng/u1#	89
85) Benzo(a)anthracene	21.539	228	267173	4.783	ng/u1	96
87) Chrysene	21.598	228	289944	5.471	ng/u1	98
90) Benzo(b)fluoranthene	23.322	252	588548	9.963	ng/u1#	92
91) Benzo(k)fluoranthene	23.363	252	155448m	2.604	ng/u1	
93) Benzo(a)pyrene	23.986	252	266933	5.171	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.804	276	241272	3.443	ng/u1	96
95) Dibenzo(a,h)anthracene	26.798	278	70523m	1.225	ng/u1	
96) Benzo(g,h,i)perylene	27.645	276	192235	3.335	ng/u1#	92

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

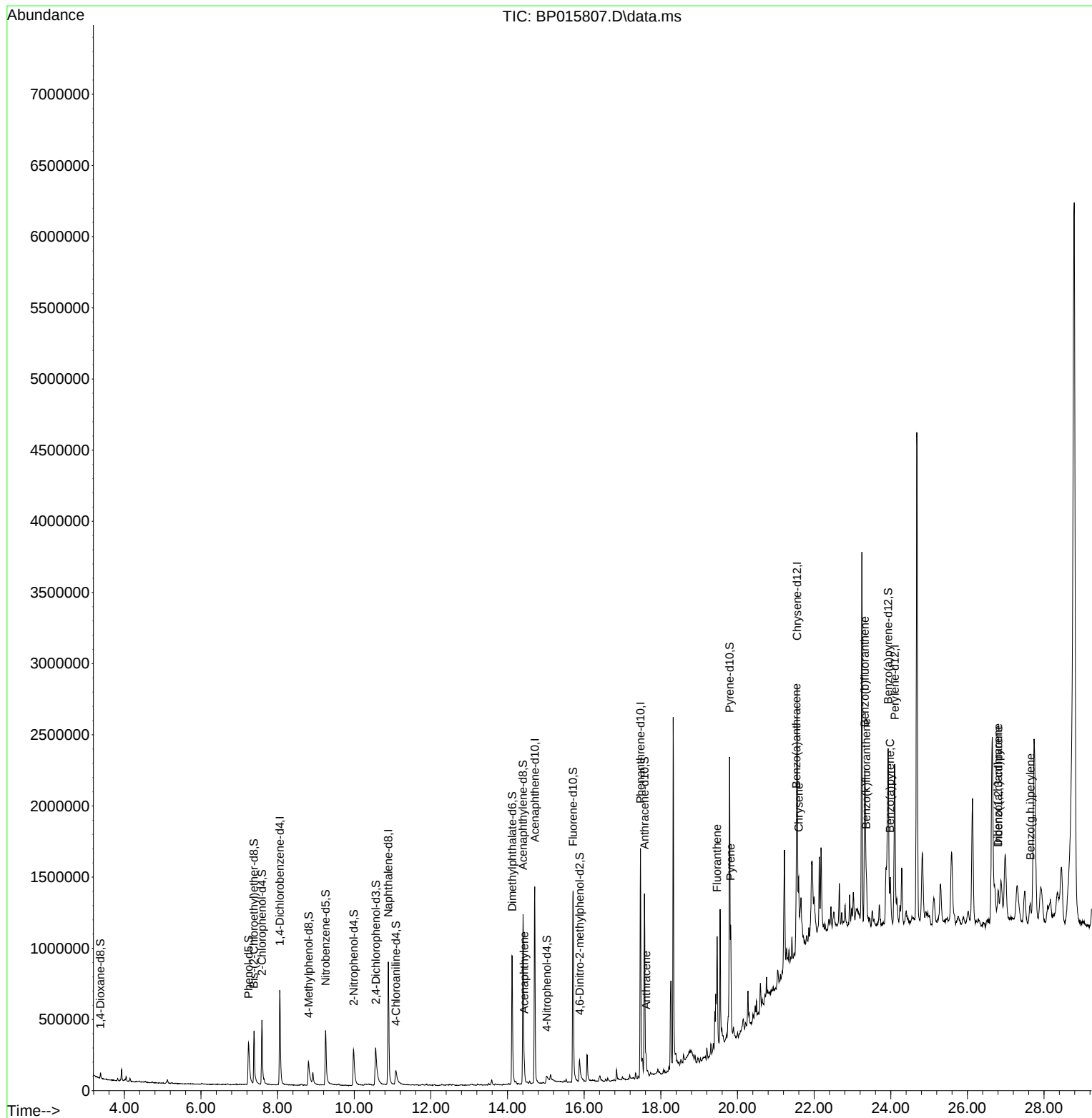
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015807.D
Acq On : 29 Jun 2023 12:57
Operator : MA/JU
Sample : 03143-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

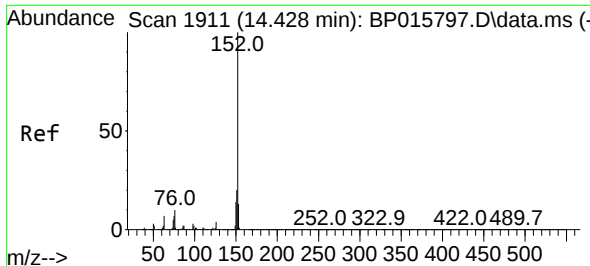
Instrument :
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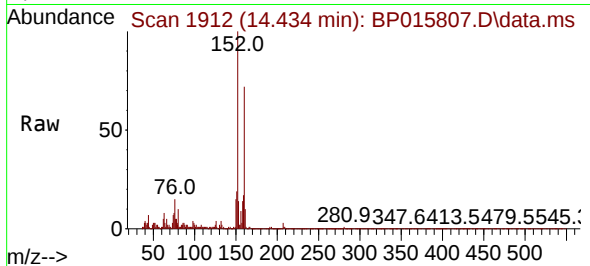
Quant Time: Jun 29 23:11:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.724 ng/ul
RT: 14.434 min Scan# 1912
Delta R.T. 0.006 min
Lab File: BP015807.D
Acq: 29 Jun 2023 12:57

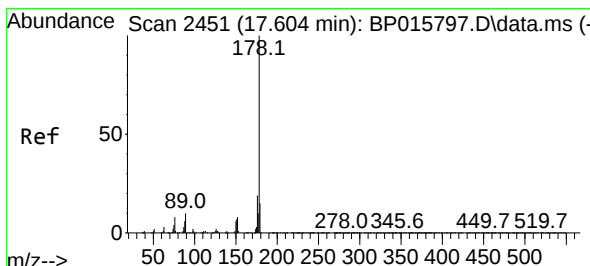
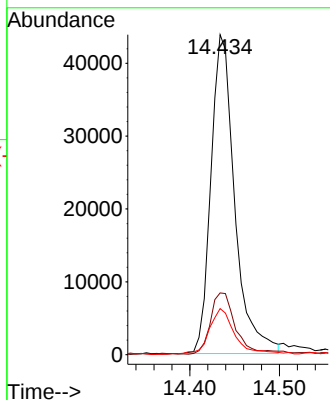
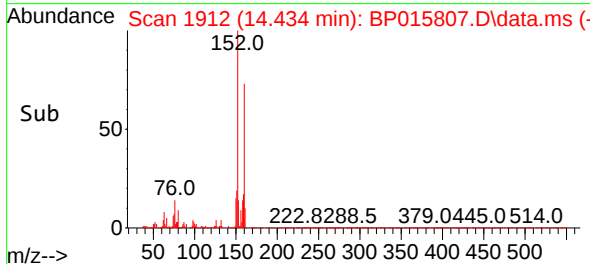
Instrument :
BNA_P
ClientSampleId :
DCFV2



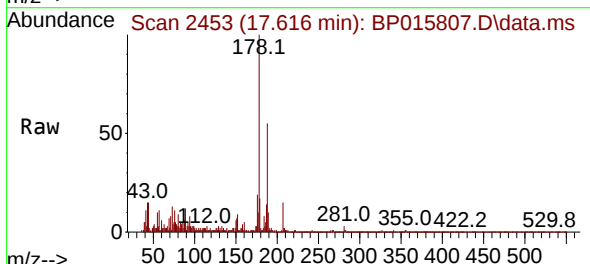
Tgt Ion:152 Resp: 80725
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.2
153 14.4 10.5 15.7

Manual Integrations
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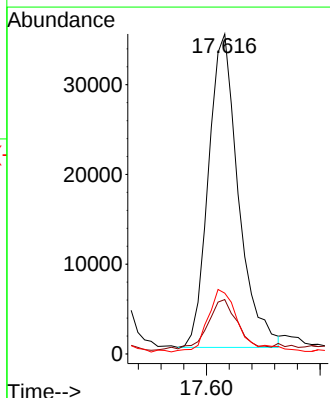
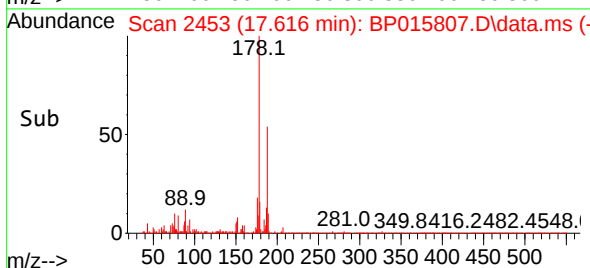
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

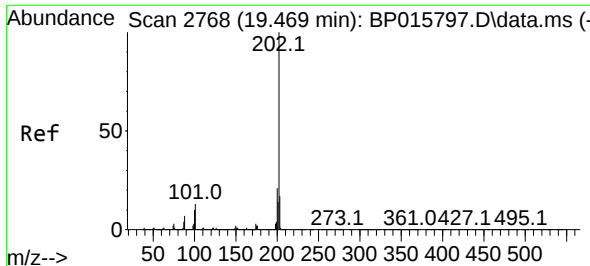


#74
Anthracene
Concen: 1.218 ng/ul
RT: 17.616 min Scan# 2453
Delta R.T. 0.012 min
Lab File: BP015807.D
Acq: 29 Jun 2023 12:57



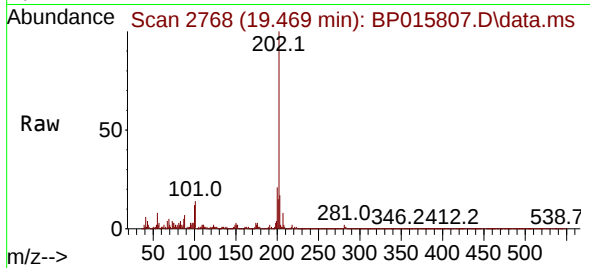
Tgt Ion:178 Resp: 64155
Ion Ratio Lower Upper
178 100
179 17.0 12.1 18.1
176 19.0 14.6 22.0





#80
Fluoranthene
Concen: 5.941 ng/ul
RT: 19.469 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015807.D
Acq: 29 Jun 2023 12:57

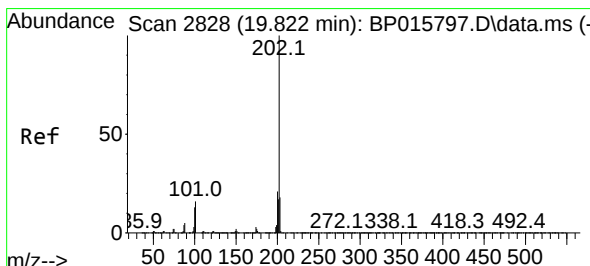
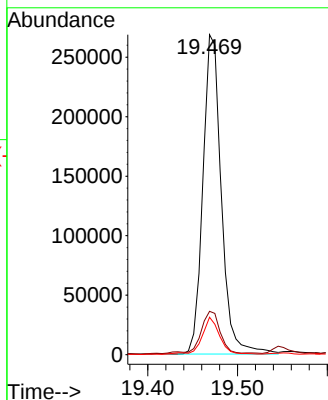
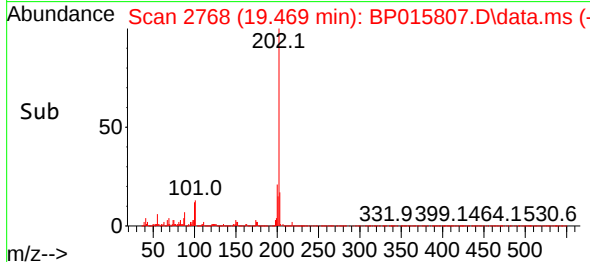
Instrument :
BNA_P
ClientSampleId :
DCFV2



Tgt Ion:202 Resp: 38285
Ion Ratio Lower Upper
202 100
101 13.5 8.3 12.5
100 11.7 6.6 9.8

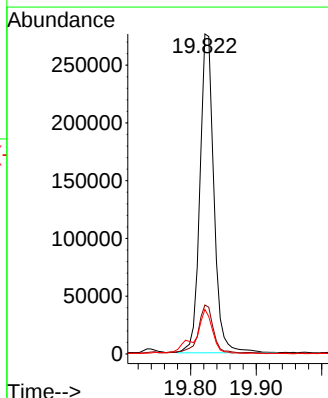
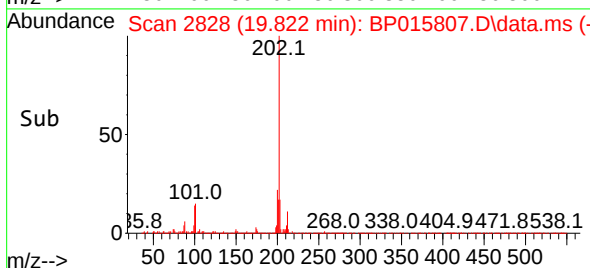
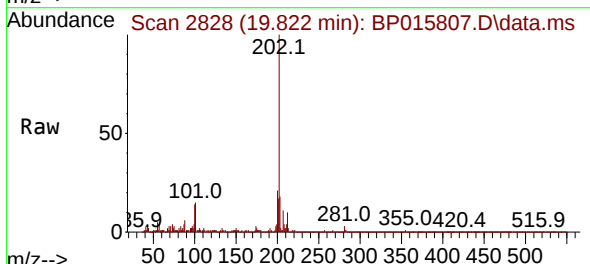
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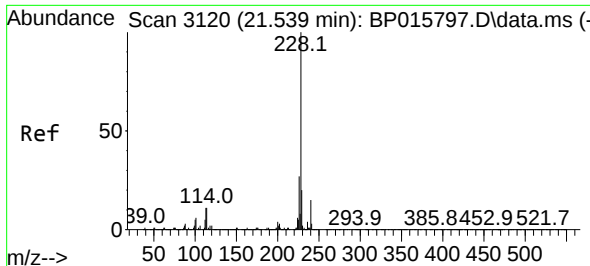
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#82
Pyrene
Concen: 6.261 ng/ul
RT: 19.822 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BP015807.D
Acq: 29 Jun 2023 12:57

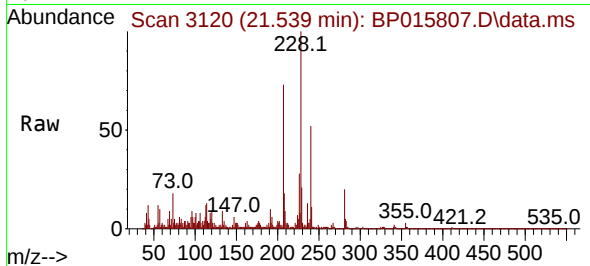
Tgt Ion:202 Resp: 411560
Ion Ratio Lower Upper
202 100
101 15.3 9.3 13.9#
100 13.9 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 4.783 ng/u1
RT: 21.539 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP015807.D
Acq: 29 Jun 2023 12:57

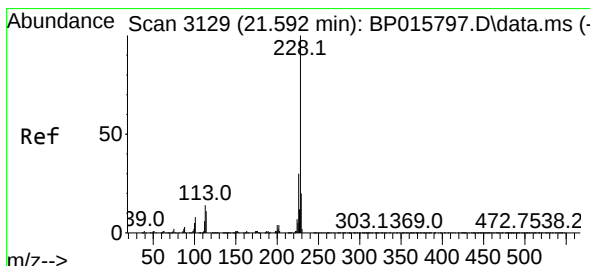
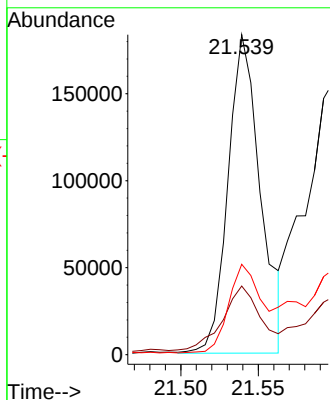
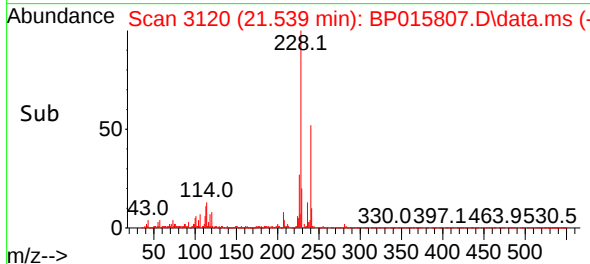
Instrument :
BNA_P
ClientSampleId :
DCFV2



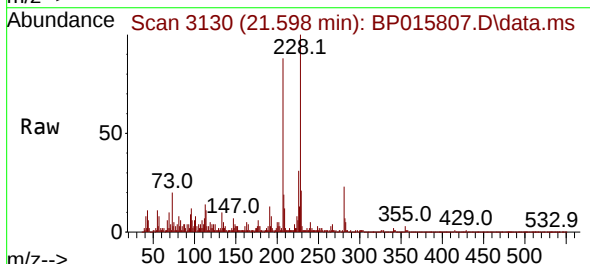
Tgt Ion:228 Resp: 26717
Ion Ratio Lower Upper
228 100
229 21.5 15.3 22.9
226 28.3 21.4 32.0

Manual Integrations
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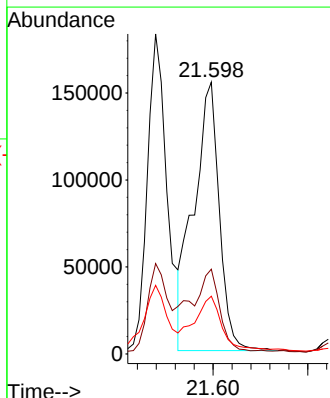
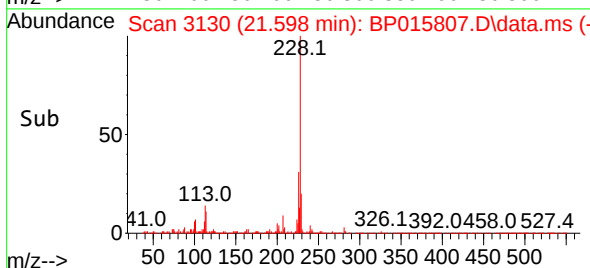
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

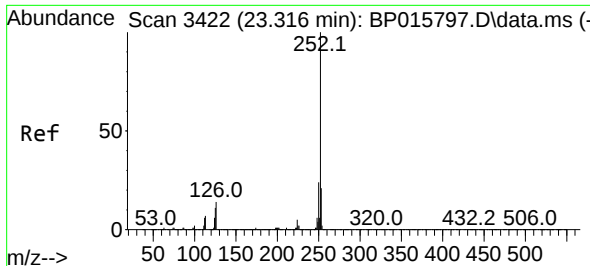


#87
Chrysene
Concen: 5.471 ng/u1
RT: 21.598 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BP015807.D
Acq: 29 Jun 2023 12:57



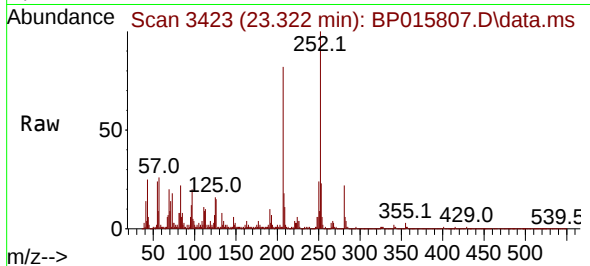
Tgt Ion:228 Resp: 289944
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 21.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 9.963 ng/ul
RT: 23.322 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BP015807.D
Acq: 29 Jun 2023 12:57

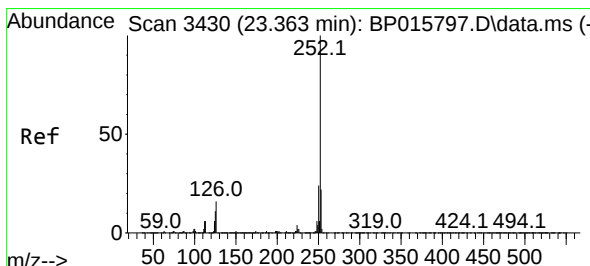
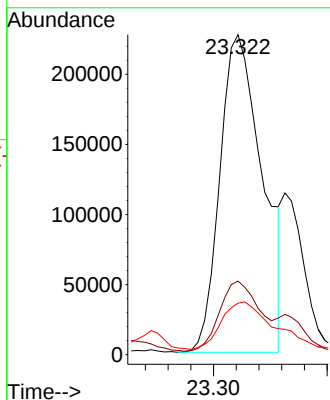
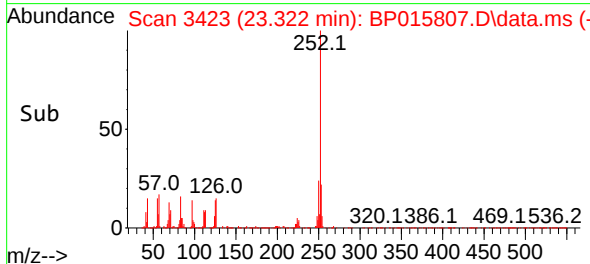
Instrument :
BNA_P
ClientSampleId :
DCFV2



Tgt Ion:252 Resp: 58854
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 16.1 7.5 11.3

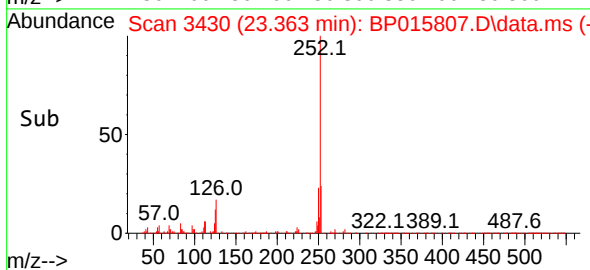
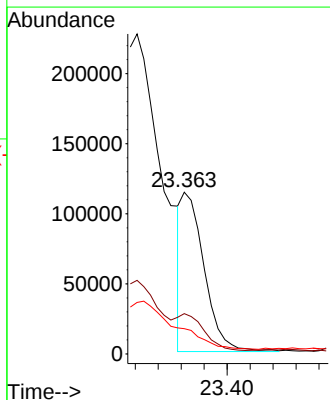
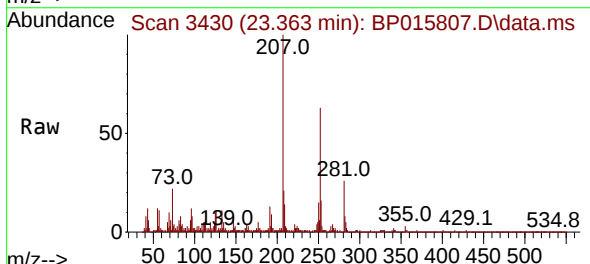
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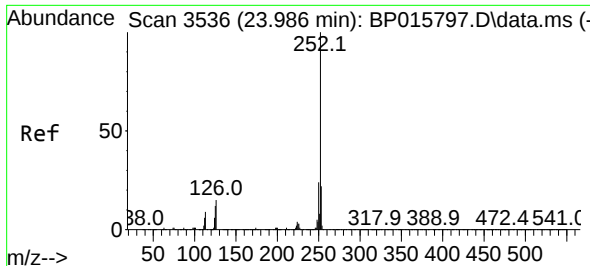
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#91
Benzo(k)fluoranthene
Concen: 2.604 ng/ul m
RT: 23.363 min Scan# 3430
Delta R.T. -0.006 min
Lab File: BP015807.D
Acq: 29 Jun 2023 12:57

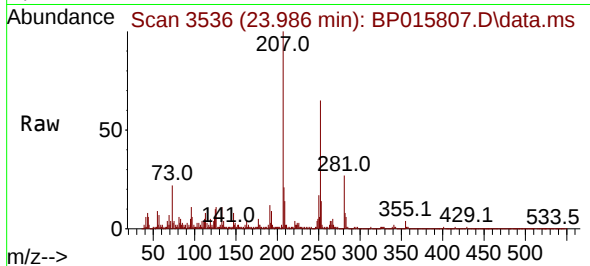
Tgt Ion:252 Resp: 155448
Ion Ratio Lower Upper
252 100
253 24.9 17.0 25.4
125 15.6 7.3 10.9





#93
Benzo(a)pyrene
Concen: 5.171 ng/ul
RT: 23.986 min Scan# 3536
Delta R.T. 0.000 min
Lab File: BP015807.D
Acq: 29 Jun 2023 12:57

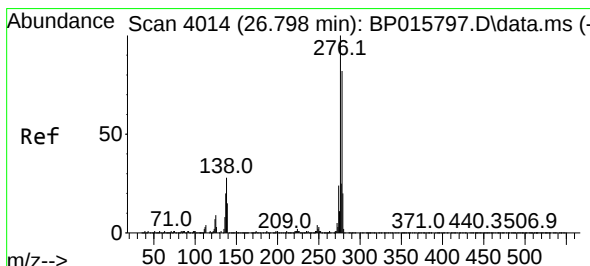
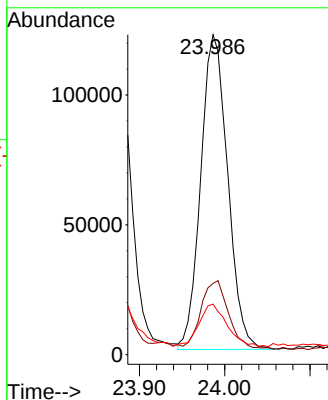
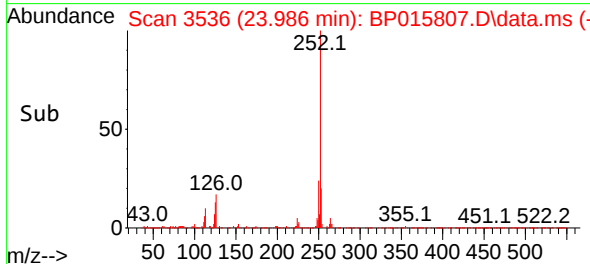
Instrument :
BNA_P
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DCFV2



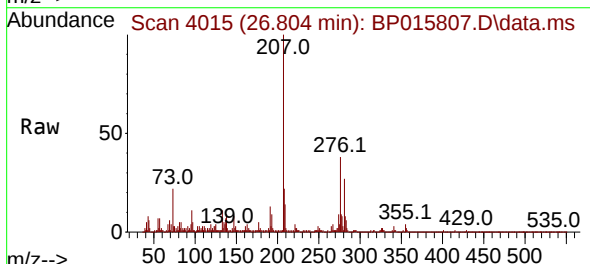
Tgt Ion:252 Resp: 266933
Ion Ratio Lower Upper
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253 22.3 17.7 26.5
125 15.8 8.2 12.2

Manual Integrations
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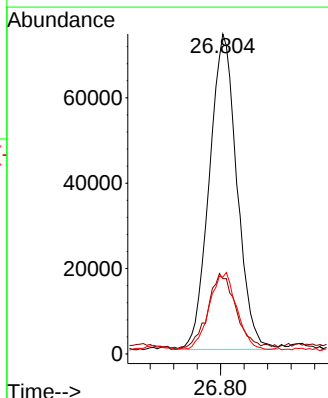
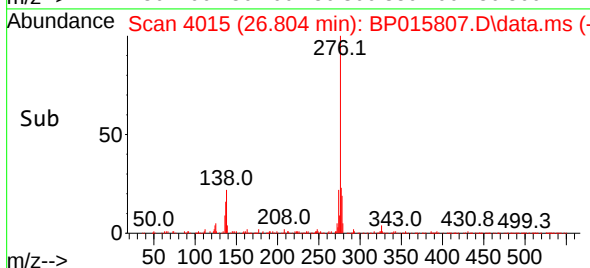
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

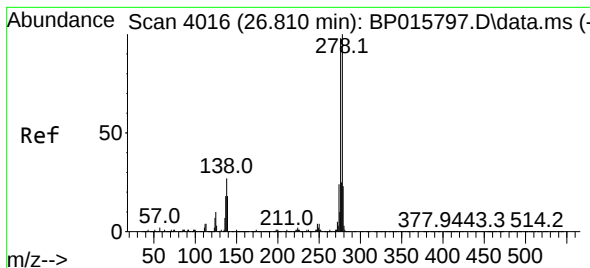


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.443 ng/ul
RT: 26.804 min Scan# 4015
Delta R.T. 0.006 min
Lab File: BP015807.D
Acq: 29 Jun 2023 12:57



Tgt Ion:276 Resp: 241272
Ion Ratio Lower Upper
276 100
138 23.5 15.7 23.5
277 24.0 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 1.225 ng/ul m

RT: 26.798 min Scan# 4016

Delta R.T. -0.012 min

Lab File: BP015807.D

Acq: 29 Jun 2023 12:57

Instrument :

BNA_P

ClientSampleId :

DCFV2

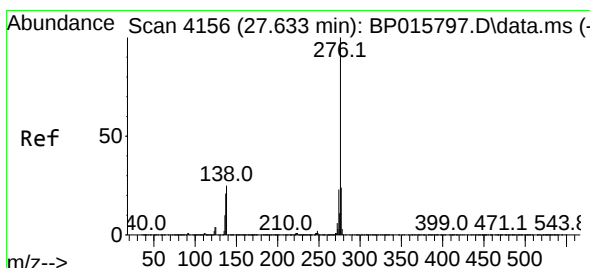
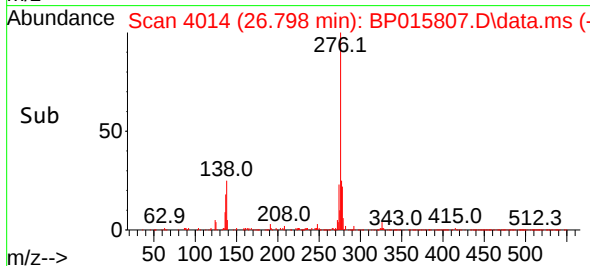
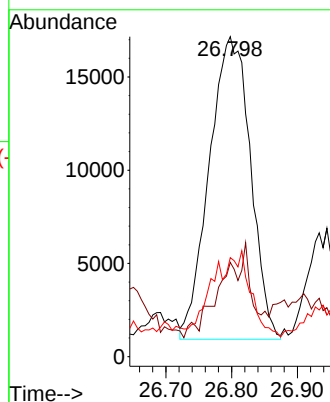
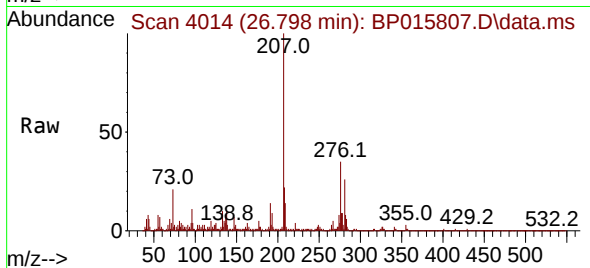
Tgt Ion:	278	Resp:	7052
Ion Ratio	Lower	Upper	
278	100		
139	29.4	10.5	15.7
279	31.0	18.4	27.6

Manual Integrations

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Supervised By :mohammad ahmed 06/30/2023



#96

Benzo(g,h,i)perylene

Concen: 3.335 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.012 min

Lab File: BP015807.D

Acq: 29 Jun 2023 12:57

Tgt Ion:	276	Resp:	192235
Ion Ratio	Lower	Upper	
276	100		
138	24.7	15.1	22.7
277	25.2	18.8	28.2

