

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015751.D
 Acq On : 27 Jun 2023 17:29
 Operator : MA/JU
 Sample : 03085-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFQ0

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 22:49:06 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	116756	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	428794	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	247670	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	547673	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	560540	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	680134	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	11169	3.442	ng/uL	0.00
4) Pyridine-d5	3.840	84	90582	11.073	ng/u1	0.01
7) Phenol-d5	7.240	99	174670	17.485	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.387	67	119296	19.302	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	147323	19.536	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	121533	15.400	ng/u1	0.01
21) Nitrobenzene-d5	9.252	128	67510	20.601	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	75607	19.768	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	122501m	17.974	ng/u1	0.02
31) 4-Chloroaniline-d4	11.075	131	84665m	9.670	ng/u1	0.04
46) Dimethylphthalate-d6	14.122	166	427387	22.326	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	480557	22.331	ng/u1	0.00
54) 4-Nitrophenol-d4	14.987	143	47531m	18.815	ng/u1	0.04
60) Fluorene-d10	15.710	176	361613	22.942	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	52104	15.470	ng/u1	0.01
73) Anthracene-d10	17.575	188	548242	21.915	ng/u1	0.00
81) Pyrene-d10	19.798	212	734133	20.057	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	801919	23.373	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.946	128	31598	1.356	ng/u1	97
50) Acenaphthylene	14.440	152	56797	2.395	ng/u1	99
72) Phenanthrene	17.516	178	110298	3.707	ng/u1	97
74) Anthracene	17.616	178	65240	2.182	ng/u1	96
80) Fluoranthene	19.475	202	324833	7.141	ng/u1	99
82) Pyrene	19.827	202	286478	6.174	ng/u1	97
85) Benzo(a)anthracene	21.545	228	288743	7.323	ng/u1	97
87) Chrysene	21.598	228	385370	10.301	ng/u1	98
90) Benzo(b)fluoranthene	23.327	252	845983	19.358	ng/u1#	97
91) Benzo(k)fluoranthene	23.368	252	259343m	5.874	ng/u1	
93) Benzo(a)pyrene	23.992	252	508047	13.305	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.809	276	455704	8.791	ng/u1	98
95) Dibenzo(a,h)anthracene	26.804	278	130379	3.062	ng/u1#	77
96) Benzo(g,h,i)perylene	27.651	276	441110	10.344	ng/u1	99

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

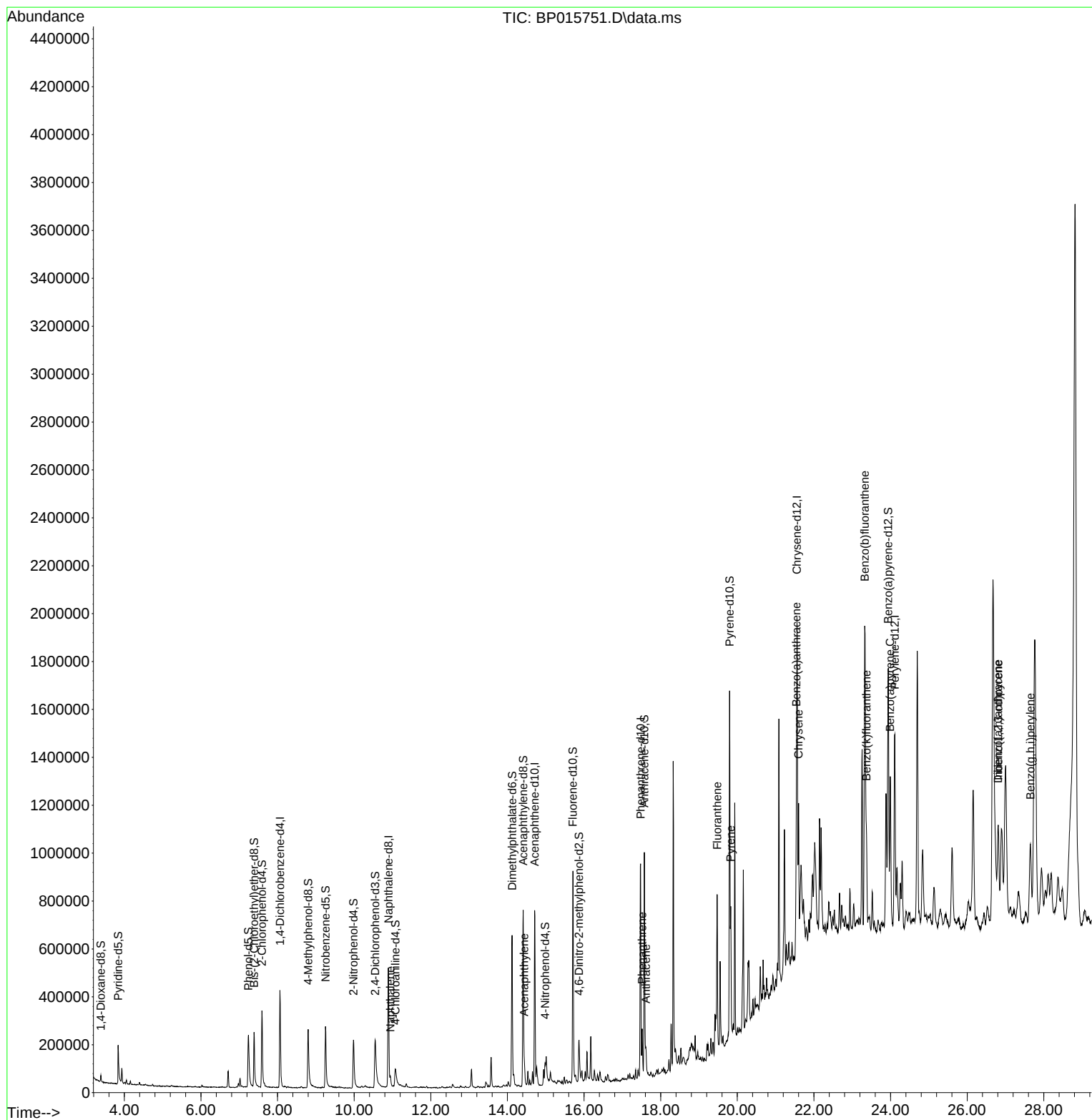
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
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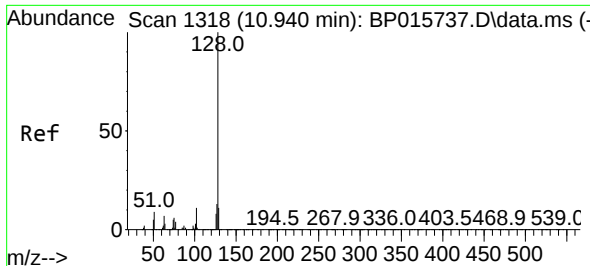
Instrument :
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Quant Title : SVOA CALIBRATION
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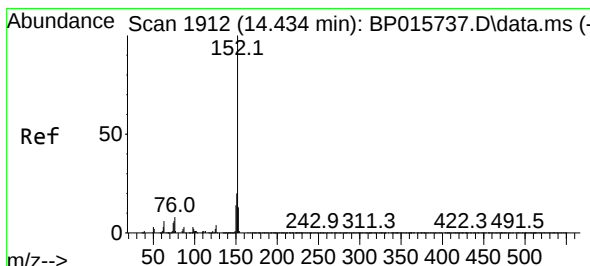
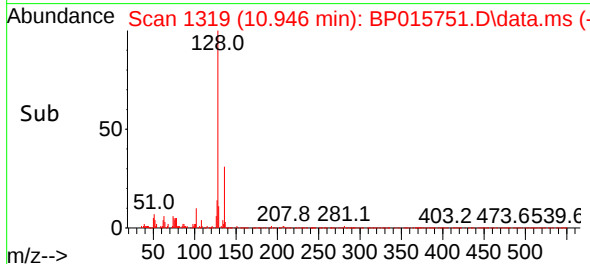
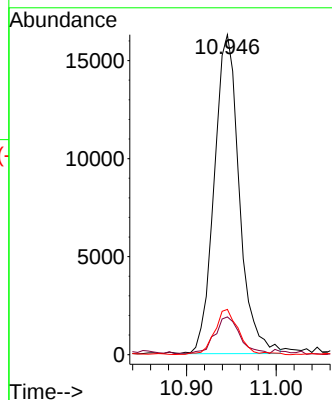
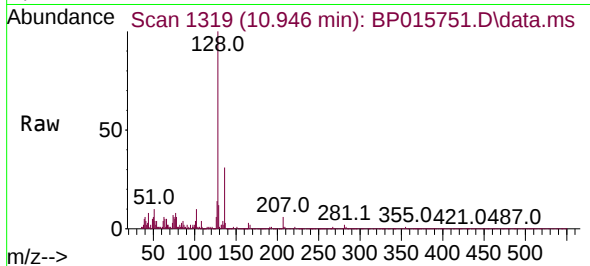
#30
Naphthalene
Concen: 1.356 ng/ul
RT: 10.946 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP015751.D
Acq: 27 Jun 2023 17:29

Instrument :
BNA_P
ClientSampleId :
DCFQ0

Tgt Ion:128 Resp: 31598
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 14.2 10.3 15.5

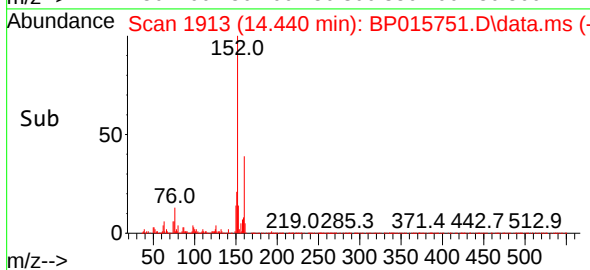
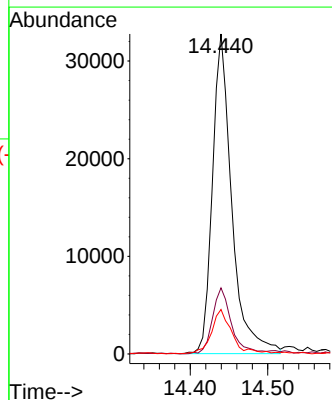
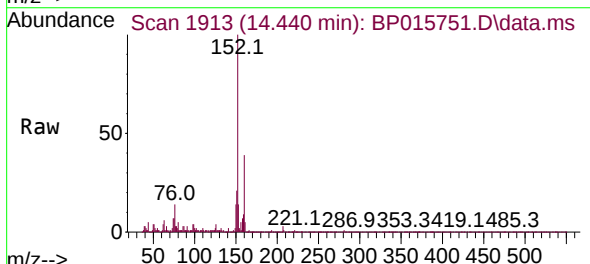
Manual Integrations
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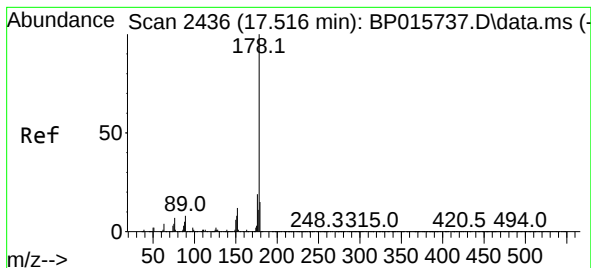
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#50
Acenaphthylene
Concen: 2.395 ng/ul
RT: 14.440 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP015751.D
Acq: 27 Jun 2023 17:29

Tgt Ion:152 Resp: 56797
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 13.9 10.5 15.7





#72

Phenanthrene

Concen: 3.707 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

Instrument :

BNP_P

ClientSampleId :

DCFQ0

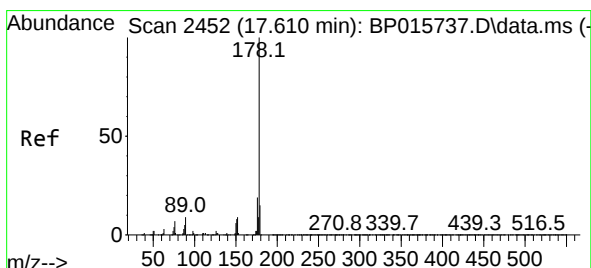
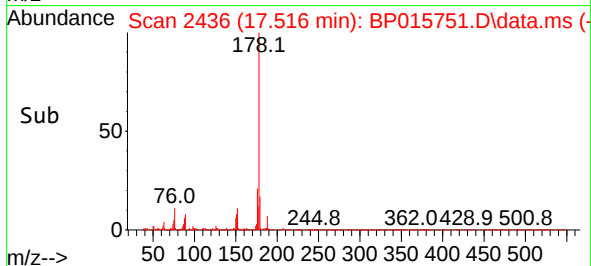
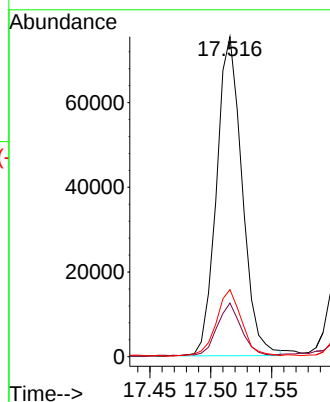
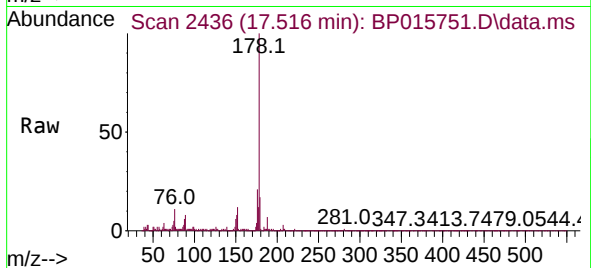
Tgt Ion:178	Resp:	110298
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.4 18.6
176	21.0	15.6 23.4

Manual Integrations

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#74

Anthracene

Concen: 2.182 ng/ul

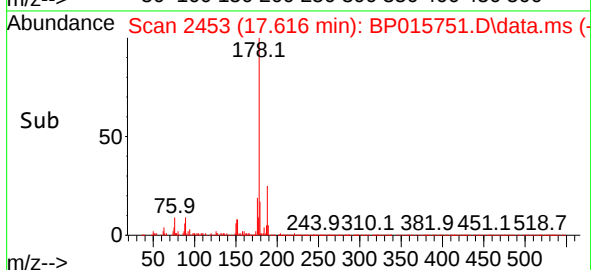
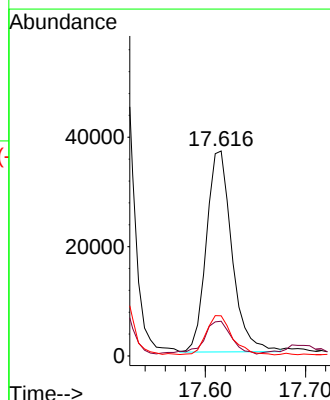
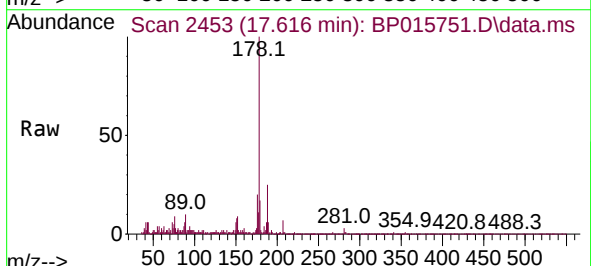
RT: 17.616 min Scan# 2453

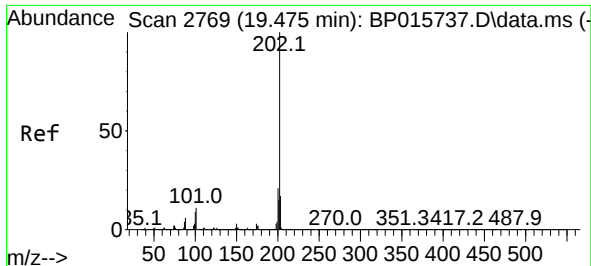
Delta R.T. 0.006 min

Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

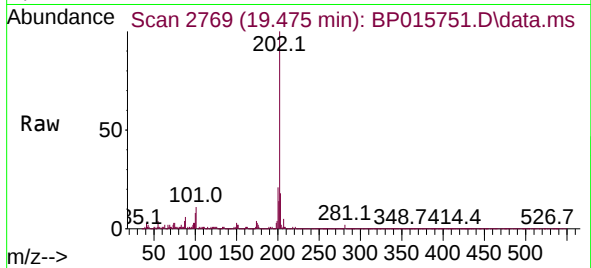
Tgt Ion:178	Resp:	65240
Ion Ratio	Lower	Upper
178	100	
179	17.0	12.1 18.1
176	19.6	14.6 22.0





#80
Fluoranthene
Concen: 7.141 ng/ul
RT: 19.475 min Scan# 2769
Delta R.T. 0.000 min
Lab File: BP015751.D
Acq: 27 Jun 2023 17:29

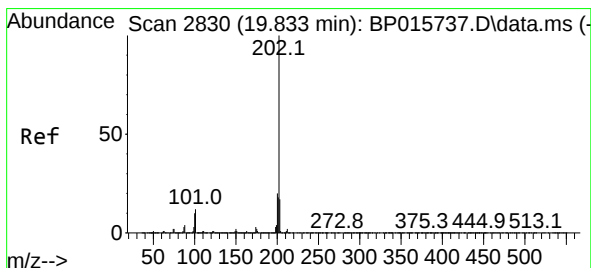
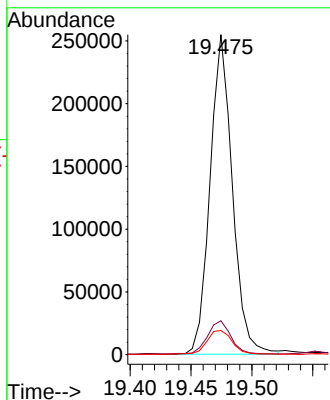
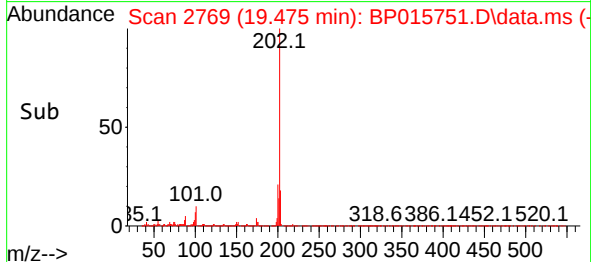
Instrument :
BNA_P
ClientSampleId :
DCFQ0



Tgt Ion:202 Resp: 32483
Ion Ratio Lower Upper
202 100
101 10.6 8.3 12.5
100 7.5 6.6 9.8

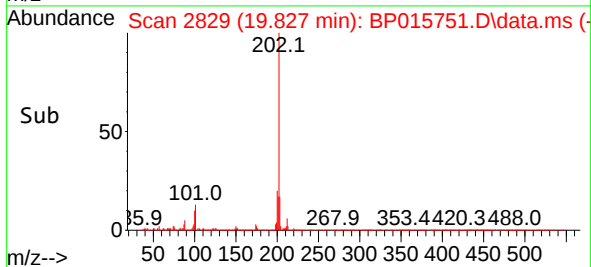
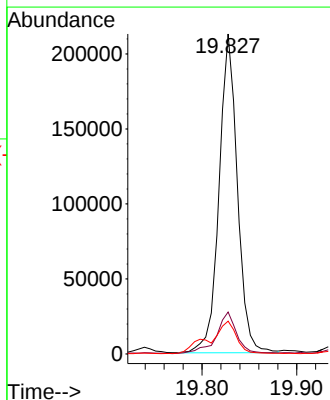
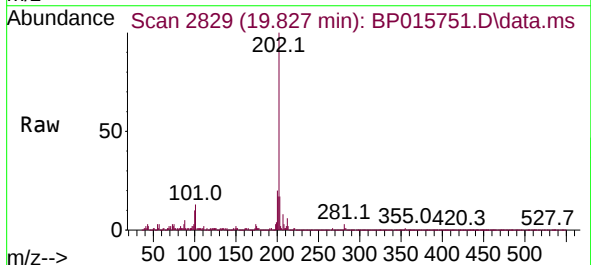
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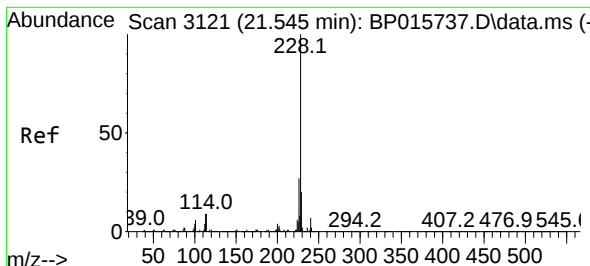
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#82
Pyrene
Concen: 6.174 ng/ul
RT: 19.827 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP015751.D
Acq: 27 Jun 2023 17:29

Tgt Ion:202 Resp: 286478
Ion Ratio Lower Upper
202 100
101 13.1 9.3 13.9
100 10.3 7.6 11.4





#85

Benzo(a)anthracene

Concen: 7.323 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

Instrument :

BNA_P

ClientSampleId :

DCFQ0

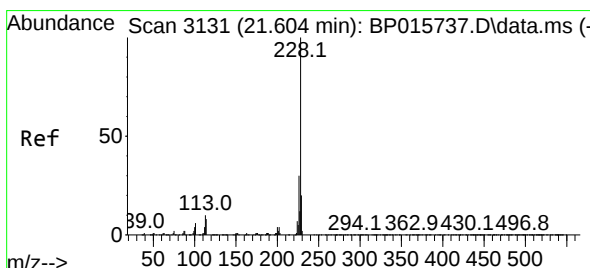
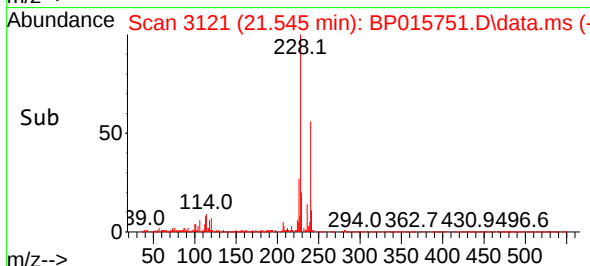
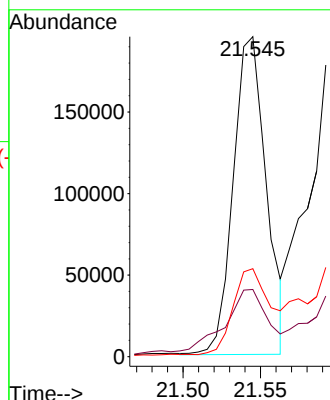
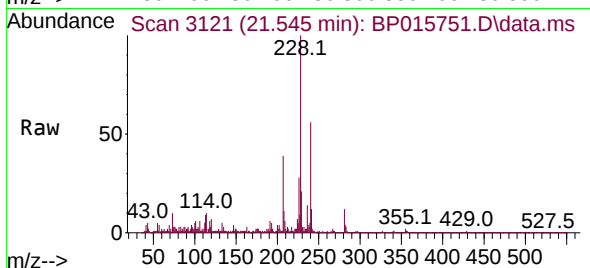
Tgt Ion:228 Resp: 28874

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.3	22.9
226	27.5	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: 10.301 ng/ul

RT: 21.598 min Scan# 3130

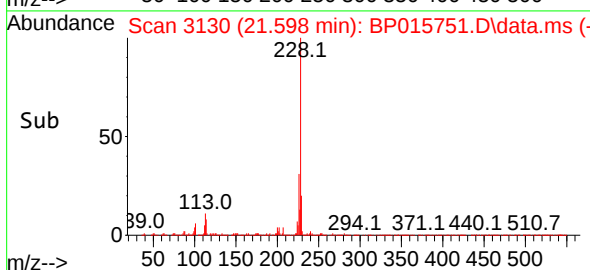
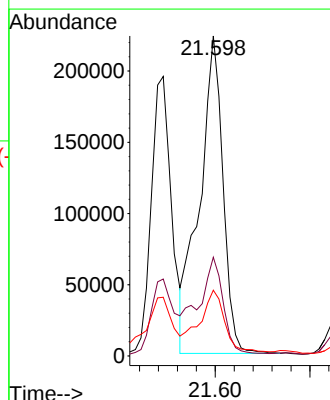
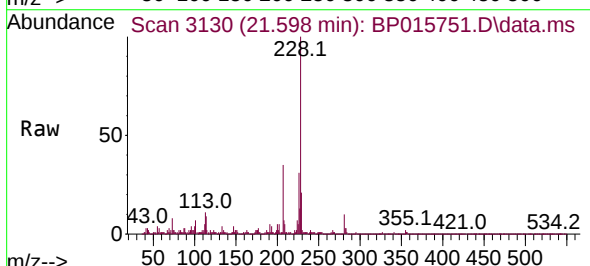
Delta R.T. -0.006 min

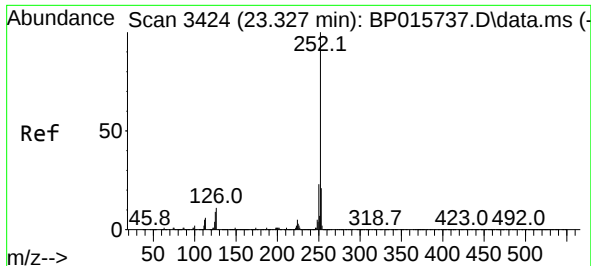
Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

Tgt Ion:228 Resp: 385370

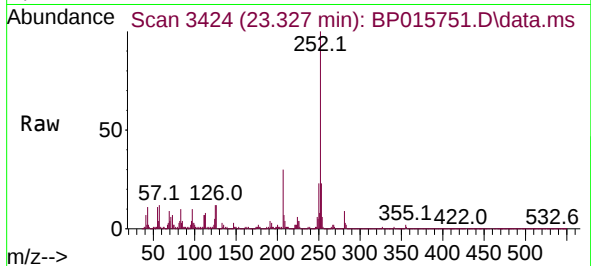
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.3	36.5
229	20.6	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 19.358 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. 0.000 min
Lab File: BP015751.D
Acq: 27 Jun 2023 17:29

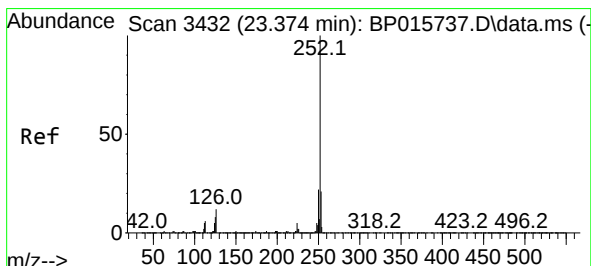
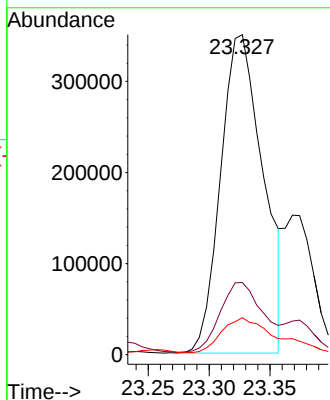
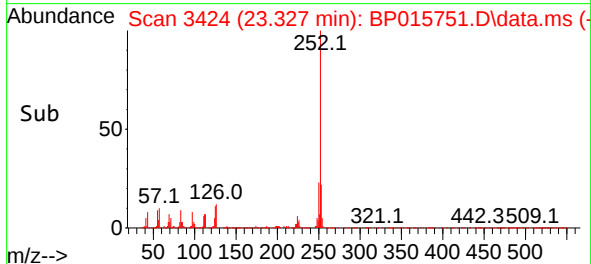
Instrument :
BNA_P
ClientSampleId :
DCFQ0



Tgt Ion:252 Resp: 84598
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 11.6 7.5 11.3

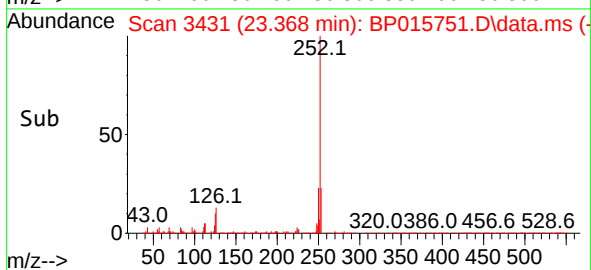
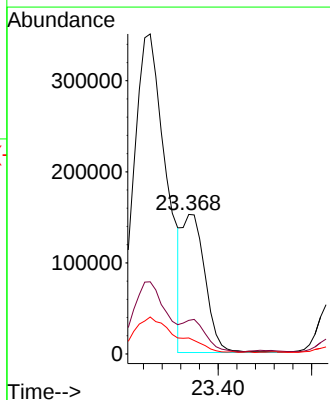
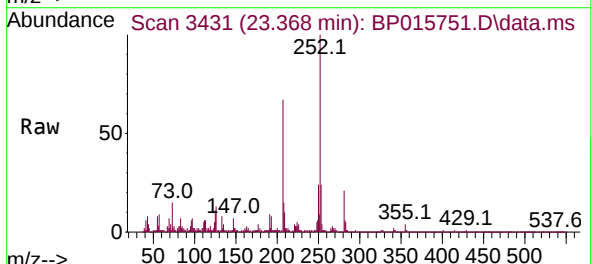
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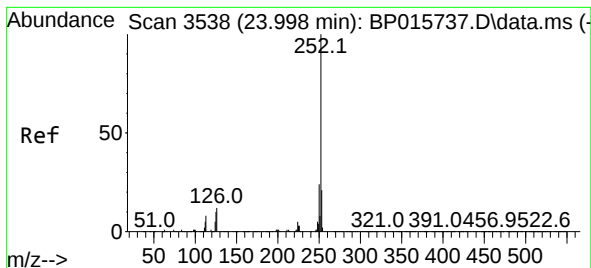
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#91
Benzo(k)fluoranthene
Concen: 5.874 ng/ul m
RT: 23.368 min Scan# 3431
Delta R.T. -0.012 min
Lab File: BP015751.D
Acq: 27 Jun 2023 17:29

Tgt Ion:252 Resp: 259343
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.4
125 11.5 7.3 10.9





#93

Benzo(a)pyrene

Concen: 13.305 ng/ul

RT: 23.992 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

Instrument :

BNA_P

ClientSampleId :

DCFQ0

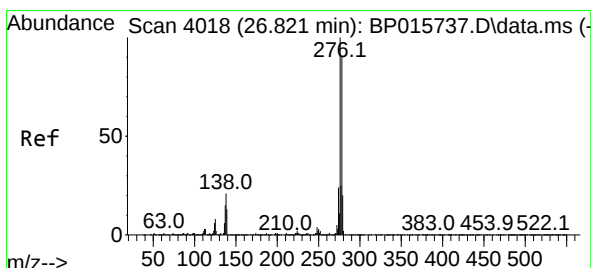
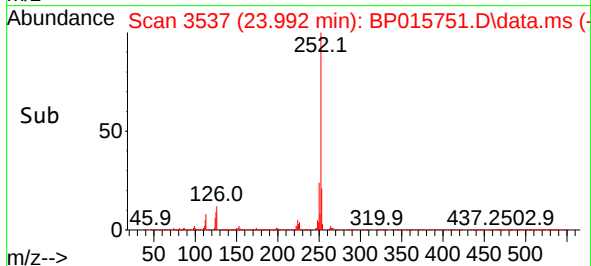
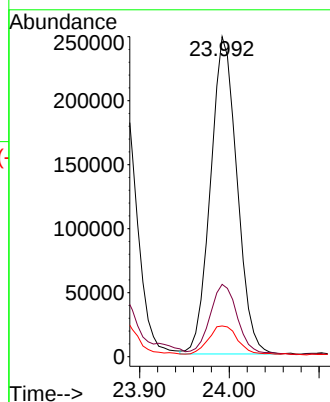
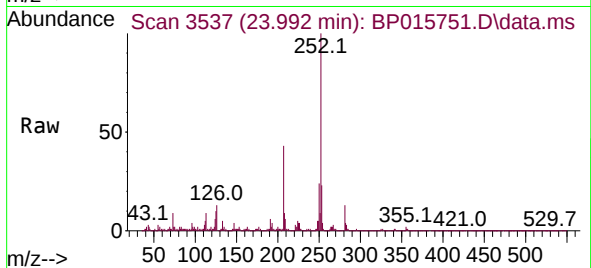
Tgt Ion:	252	Resp:	50804
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.7	26.5
125	9.6	8.2	12.2

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Supervised By :mohammad ahmed 06/27/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.791 ng/ul

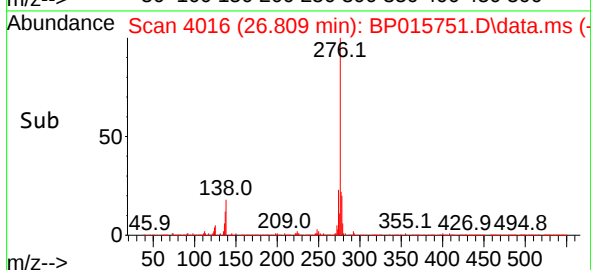
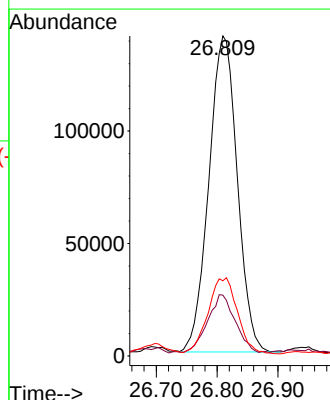
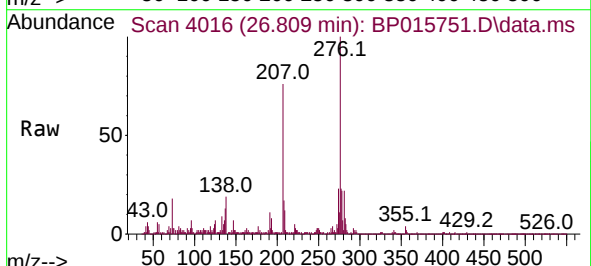
RT: 26.809 min Scan# 4016

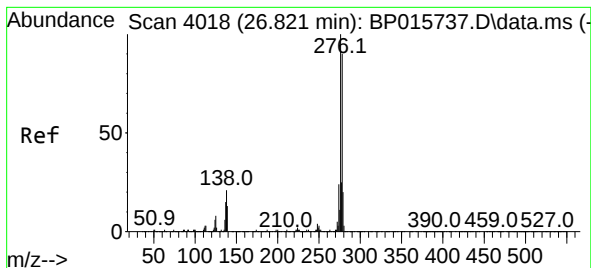
Delta R.T. -0.006 min

Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

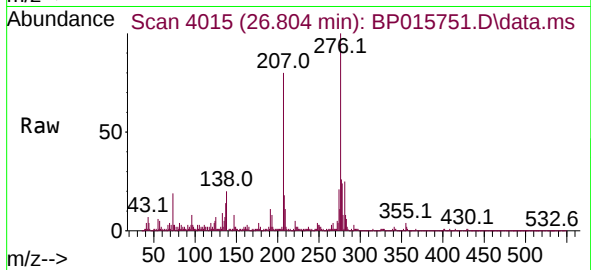
Tgt Ion:	276	Resp:	455704
Ion Ratio	Lower	Upper	
276	100		
138	19.0	15.7	23.5
277	23.5	19.6	29.4





#95
Dibenzo(a,h)anthracene
Concen: 3.062 ng/ul
RT: 26.804 min Scan# 4018
Delta R.T. -0.023 min
Lab File: BP015751.D
Acq: 27 Jun 2023 17:29

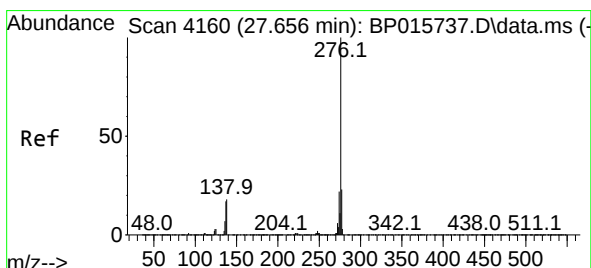
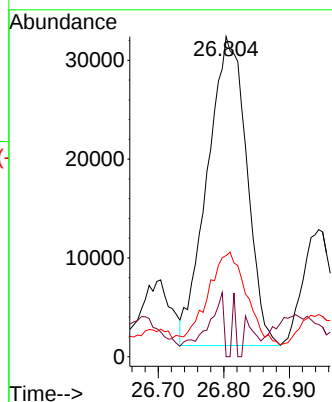
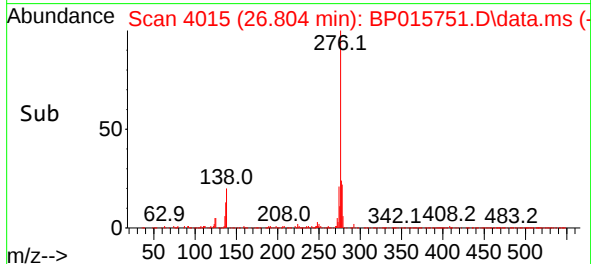
Instrument :
BNA_P
ClientSampleId :
DCFQ0



Tgt Ion:278 Resp: 130379
Ion Ratio Lower Upper
278 100
139 0.0 10.5 15.7
279 31.6 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: 10.344 ng/ul
RT: 27.651 min Scan# 4159
Delta R.T. -0.006 min
Lab File: BP015751.D
Acq: 27 Jun 2023 17:29

Tgt Ion:276 Resp: 441110
Ion Ratio Lower Upper
276 100
138 19.5 15.1 22.7
277 24.1 18.8 28.2

