

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015727.D
 Acq On : 26 Jun 2023 22:24
 Operator : MA/JU
 Sample : 03083-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ9

Quant Time: Jun 27 04:46:53 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	172511	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	689066	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	390899	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	730650	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	535655	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	695387	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	12093	2.522	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.234	99	214299	14.519	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	149932	16.419	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	186062	16.699	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	110114	9.443	ng/u1	0.00
21) Nitrobenzene-d5	9.252	128	93141	17.687	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	105044	17.091	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	164777	15.045	ng/u1	0.01
31) 4-Chloroaniline-d4	11.075	131	29391m	2.089	ng/u1	0.04
46) Dimethylphthalate-d6	14.122	166	596792	19.753	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	628218	18.497	ng/u1	0.00
54) 4-Nitrophenol-d4	14.969	143	45954	11.526	ng/u1	0.02
60) Fluorene-d10	15.710	176	466096	18.735	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	63462	14.123	ng/u1	0.00
73) Anthracene-d10	17.575	188	583719	17.490	ng/u1	0.00
81) Pyrene-d10	19.798	212	404765	11.572	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	265927	7.581	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.940	128	61471	1.641	ng/u1#	97
36) 2-Methylnaphthalene	12.551	142	30114	1.221	ng/u1	88
50) Acenaphthylene	14.440	152	88070	2.353	ng/u1	98
72) Phenanthrene	17.516	178	218638	5.508	ng/u1	99
74) Anthracene	17.610	178	40823	1.024	ng/u1	95
80) Fluoranthene	19.475	202	442935	10.190	ng/u1	99
82) Pyrene	19.828	202	204180	4.605	ng/u1	96
85) Benzo(a)anthracene	21.545	228	228165	6.055	ng/u1	98
87) Chrysene	21.604	228	246326	6.890	ng/u1	97
90) Benzo(b)fluoranthene	23.327	252	452858	10.135	ng/u1#	97
91) Benzo(k)fluoranthene	23.374	252	147553m	3.268	ng/u1	
93) Benzo(a)pyrene	23.998	252	91623	2.347	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.810	276	136413	2.574	ng/u1	99
95) Dibenzo(a,h)anthracene	26.815	278	76044	1.747	ng/u1#	78

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

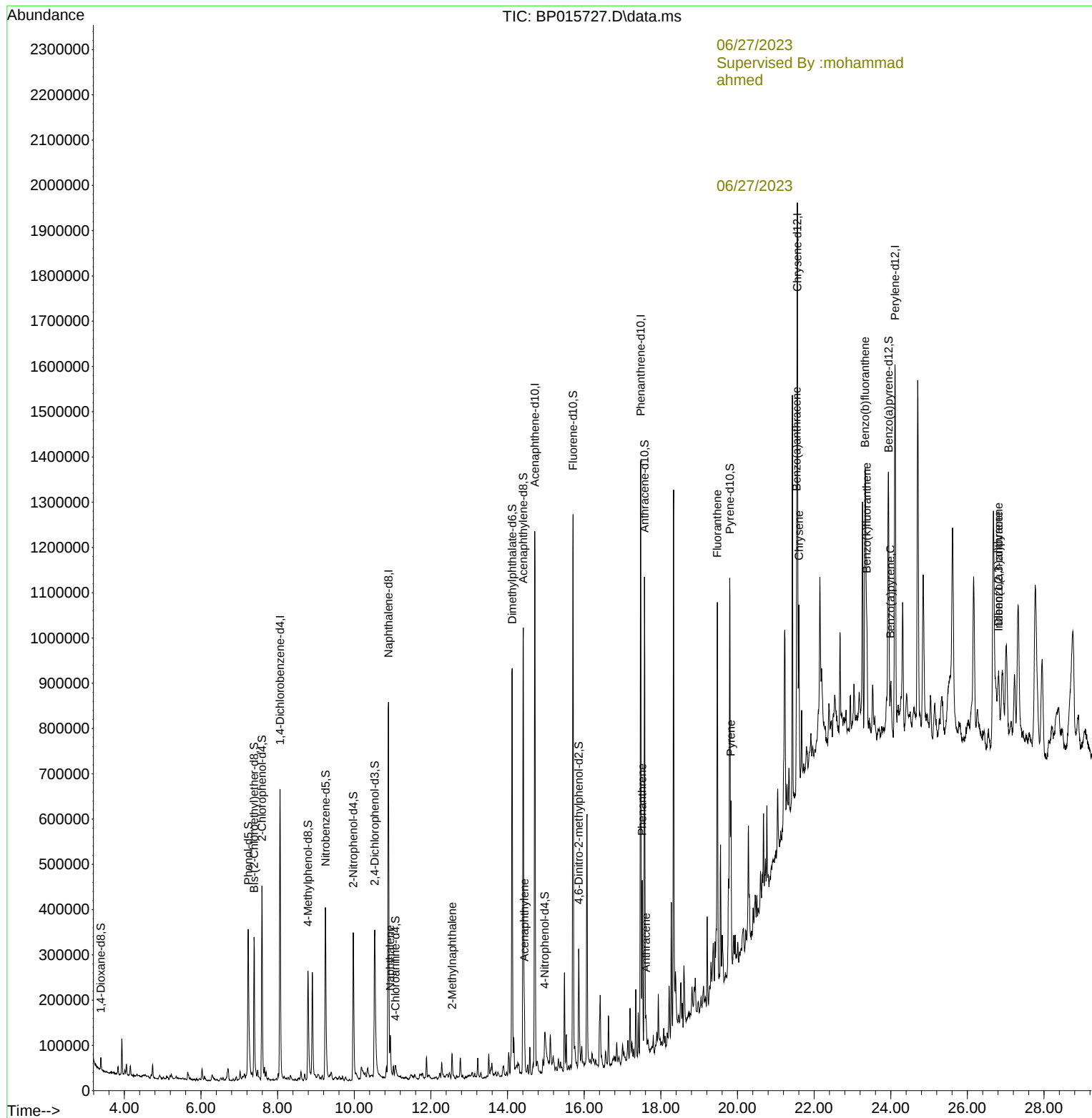
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Data File : BP015727.D
Acq On : 26 Jun 2023 22:24
Operator : MA/JU
Sample : 03083-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

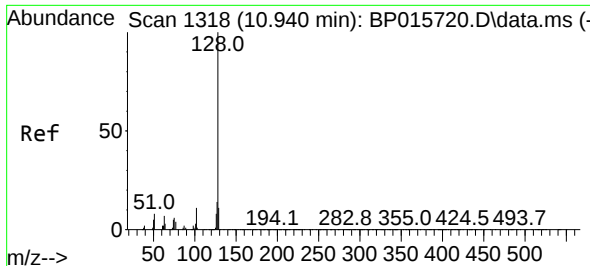
Instrument :
BNA_P
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Quant Time: Jun 27 04:46:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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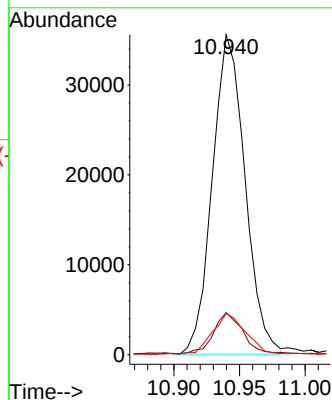
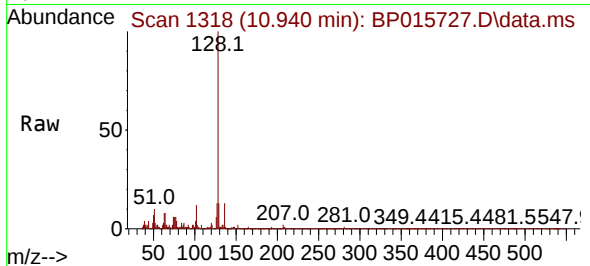
#30
Naphthalene
Concen: 1.641 ng/ul
RT: 10.940 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

Instrument :
BNA_P
ClientSampleId :
DCFJ9

Tgt Ion:128 Resp: 6147
Ion Ratio Lower Upper
128 100
129 13.2 8.6 12.8
127 12.9 10.3 15.5

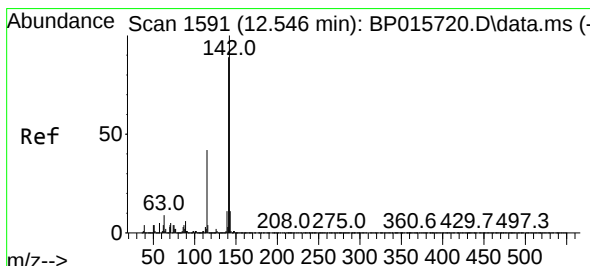
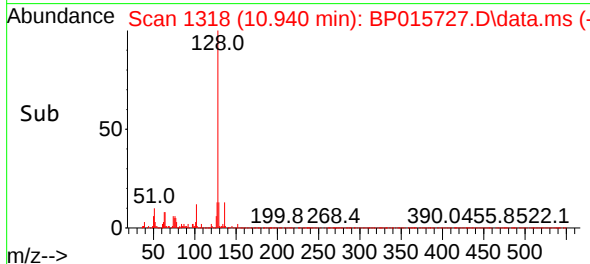
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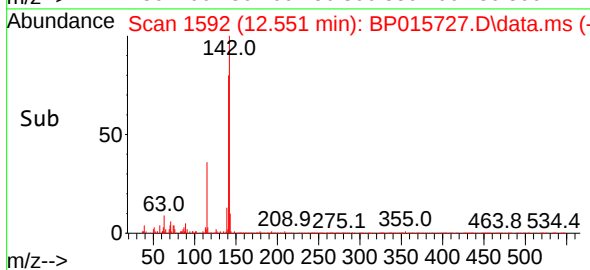
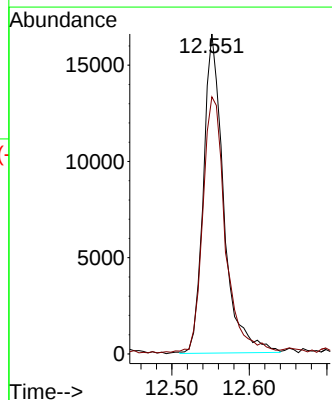
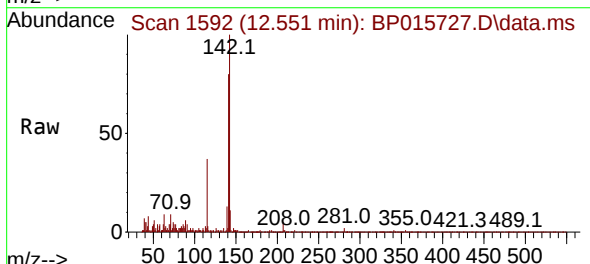
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ahmed

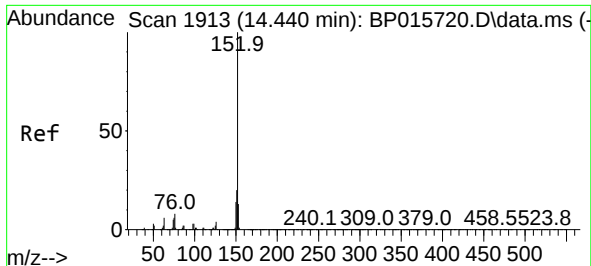
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#36
2-Methylnaphthalene
Concen: 1.221 ng/ul
RT: 12.551 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

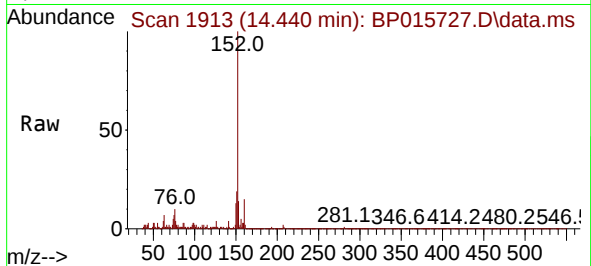
Tgt Ion:142 Resp: 30114
Ion Ratio Lower Upper
142 100
141 80.3 73.2 109.8





#50
Acenaphthylene
Concen: 2.353 ng/ul
RT: 14.440 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

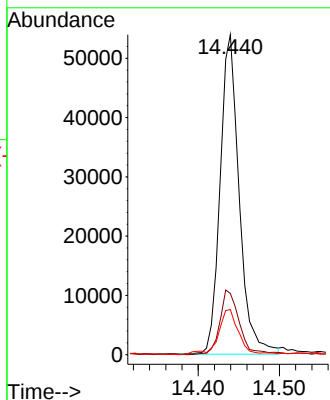
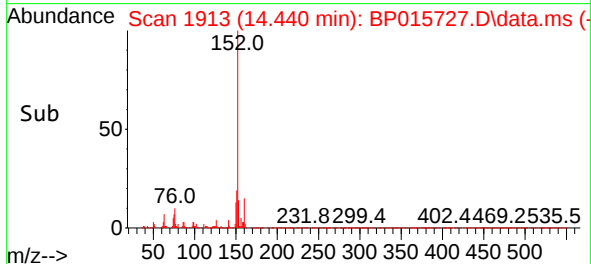
Instrument :
BNA_P
ClientSampleId :
DCFJ9



Tgt Ion:152 Resp: 88070
Ion Ratio Lower Upper
152 100
151 19.2 16.2 24.2
153 14.1 10.5 15.7

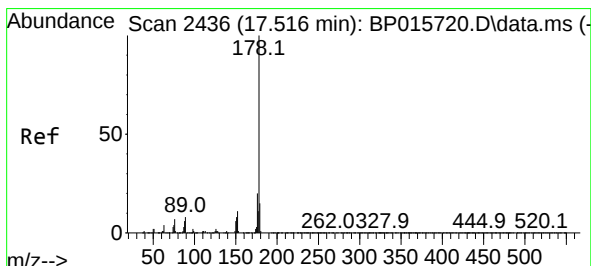
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Supervised By :mohammad ahmed 06/27/2023



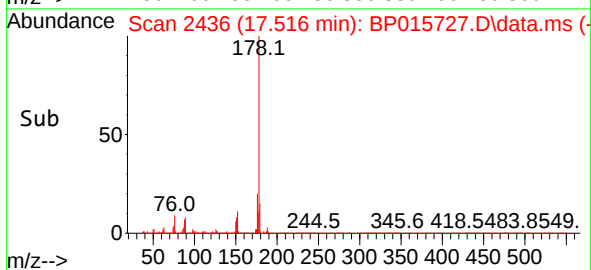
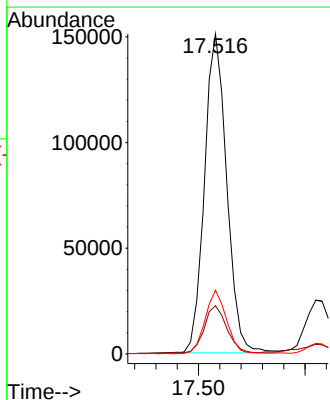
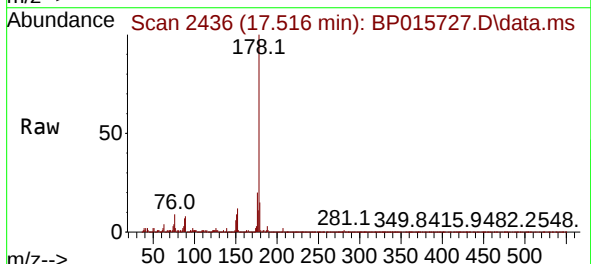
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ahmed

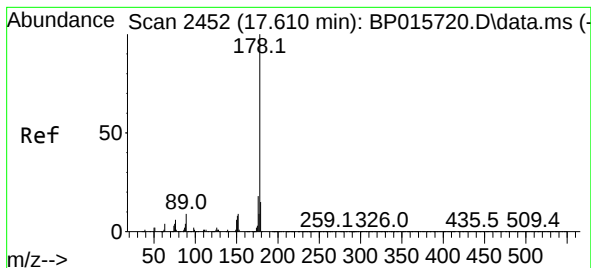
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#72
Phenanthrene
Concen: 5.508 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

Tgt Ion:178 Resp: 218638
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 19.9 15.6 23.4





#74

Anthracene

Concen: 1.024 ng/ul

RT: 17.610 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BP015727.D

Acq: 26 Jun 2023 22:24

Instrument :

BNP_P

ClientSampleId :

DCFJ9

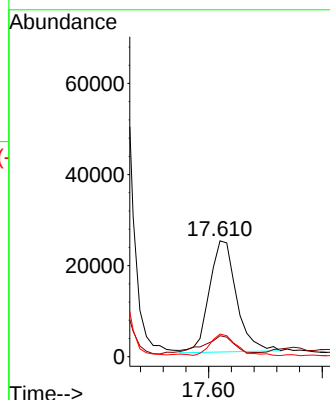
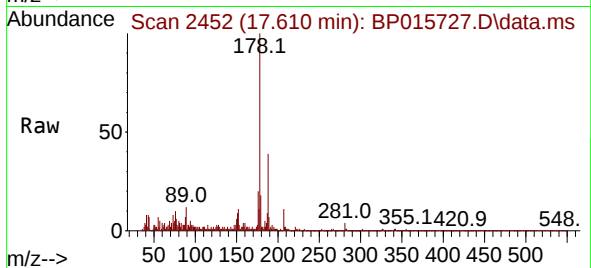
Tgt Ion:178	Resp:	4082
Ion Ratio	Lower	Upper
178	100	
179	18.1	12.1 18.1
176	19.5	14.6 22.0

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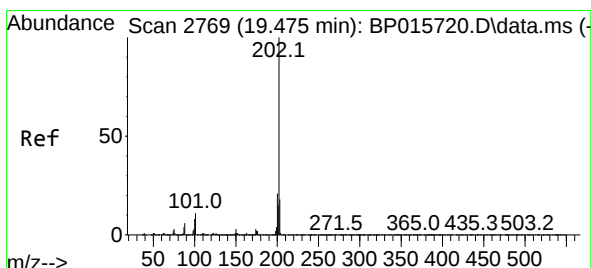
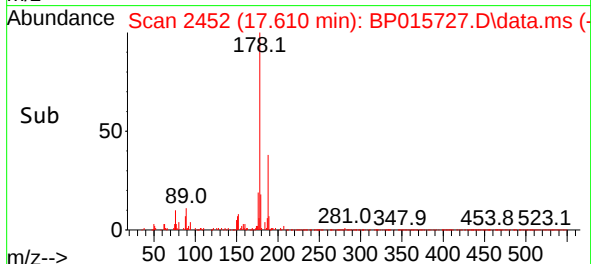
Supervised By :mohammad ahmed 06/27/2023



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ahmed

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#80

Fluoranthene

Concen: 10.190 ng/ul

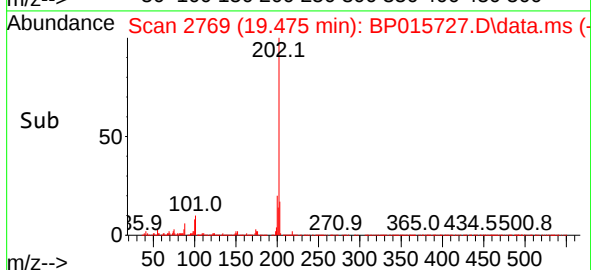
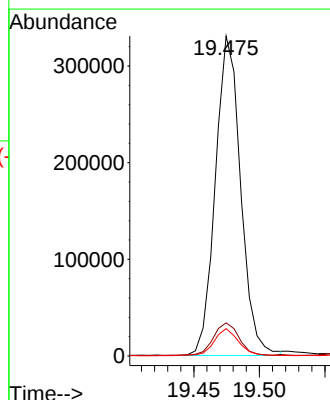
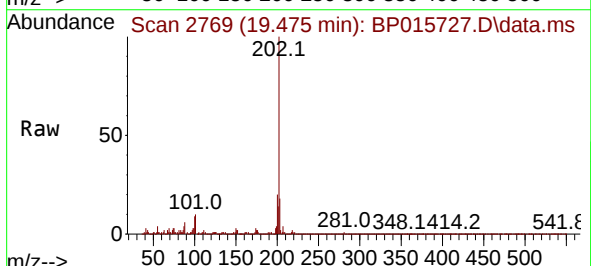
RT: 19.475 min Scan# 2769

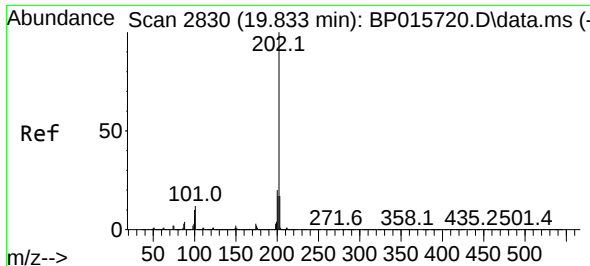
Delta R.T. 0.000 min

Lab File: BP015727.D

Acq: 26 Jun 2023 22:24

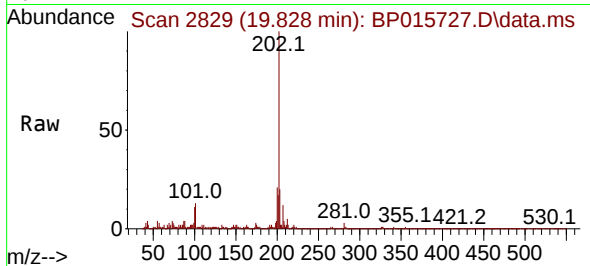
Tgt Ion:202	Resp:	442935
Ion Ratio	Lower	Upper
202	100	
101	10.3	8.3 12.5
100	8.6	6.6 9.8





#82
Pyrene
Concen: 4.605 ng/u1
RT: 19.828 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

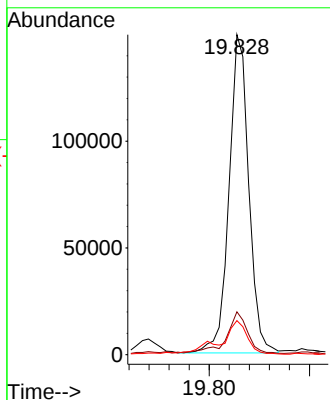
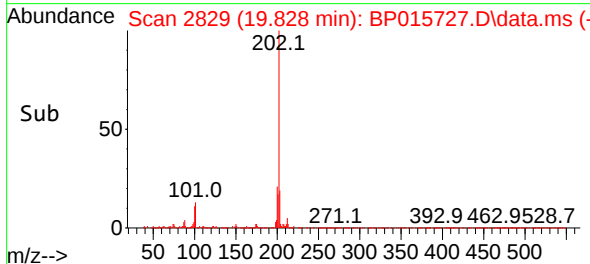
Instrument :
BNA_P
ClientSampleId :
DCFJ9



Tgt Ion:202 Resp: 204180
Ion Ratio Lower Upper
202 100
101 13.4 9.3 13.9
100 10.6 7.6 11.4

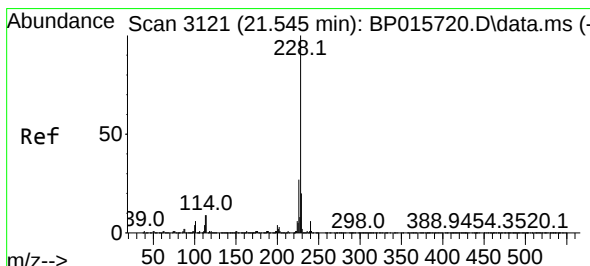
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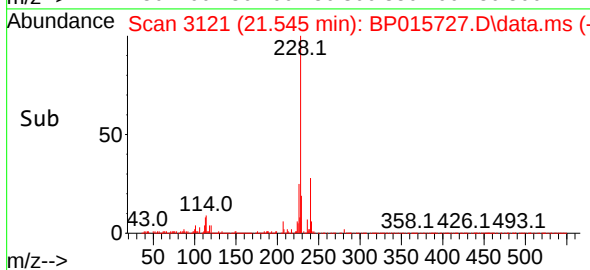
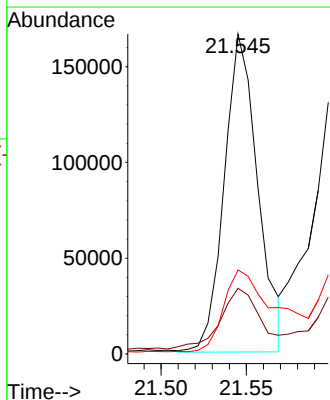
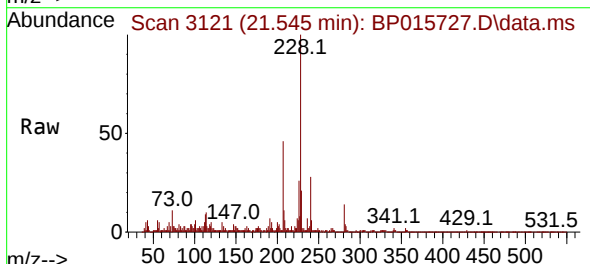
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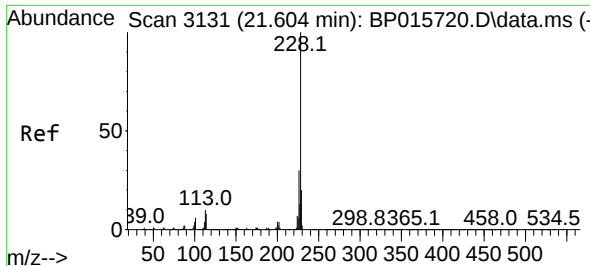
06/27/2023



#85
Benzo(a)anthracene
Concen: 6.055 ng/u1
RT: 21.545 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

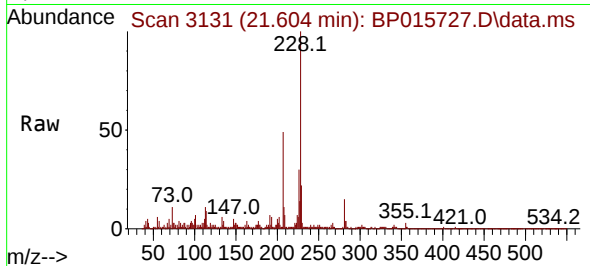
Tgt Ion:228 Resp: 228165
Ion Ratio Lower Upper
228 100
229 20.5 15.3 22.9
226 26.3 21.4 32.0





#87
Chrysene
Concen: 6.890 ng/u1
RT: 21.604 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

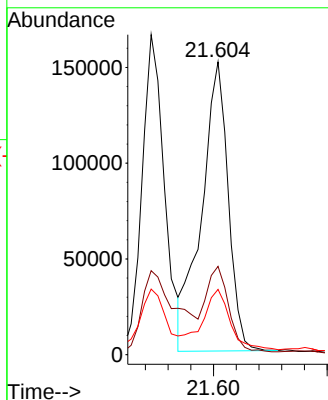
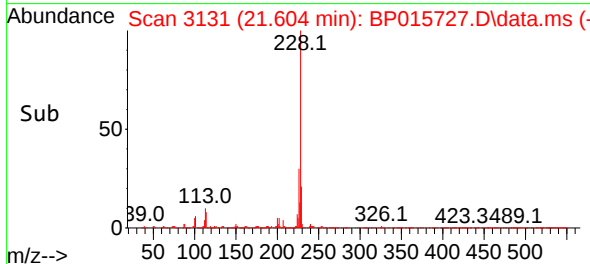
Instrument :
BNA_P
ClientSampleId :
DCFJ9



Tgt Ion:228 Resp: 246320
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.3 15.5 23.3

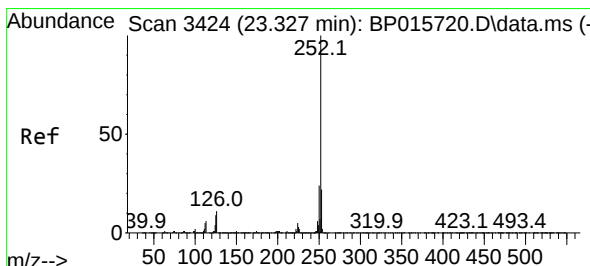
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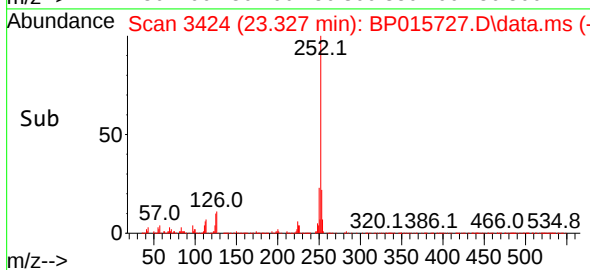
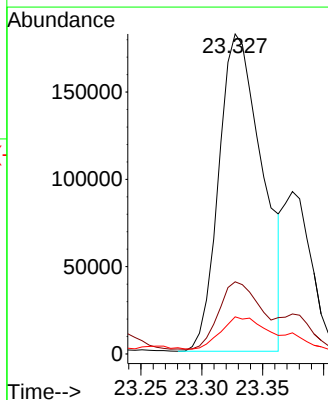
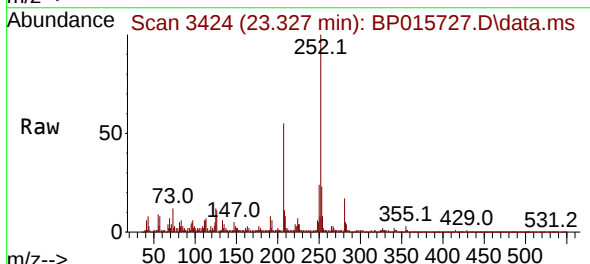
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ahmed

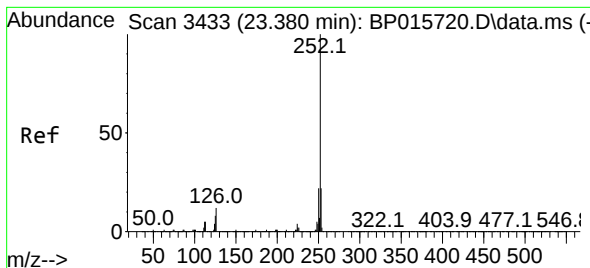
06/27/2023



#90
Benzo(b)fluoranthene
Concen: 10.135 ng/u1
RT: 23.327 min Scan# 3424
Delta R.T. 0.000 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

Tgt Ion:252 Resp: 452858
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 11.6 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 3.268 ng/ul m

RT: 23.374 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP015727.D

Acq: 26 Jun 2023 22:24

Instrument :

BNA_P

ClientSampleId :

DCFJ9

Tgt Ion:252 Resp: 14755

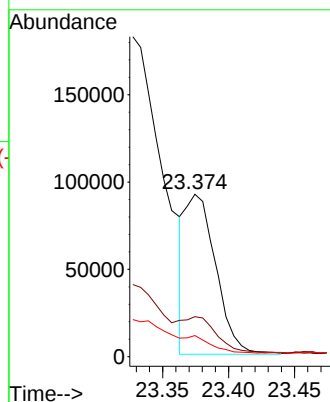
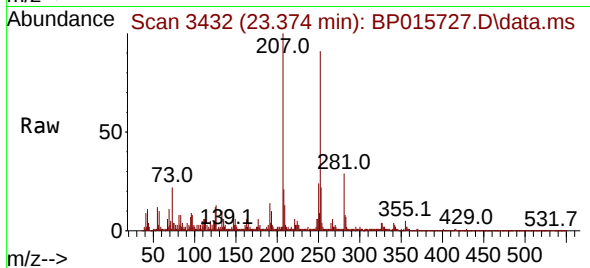
Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.4
125	13.0	7.3	10.9

Manual Integrations

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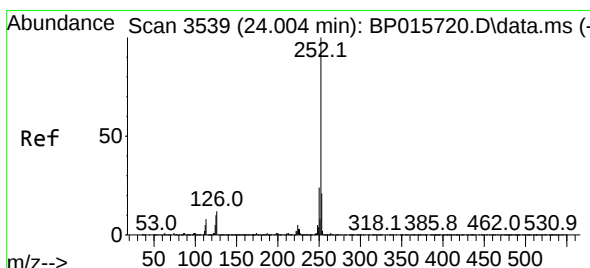
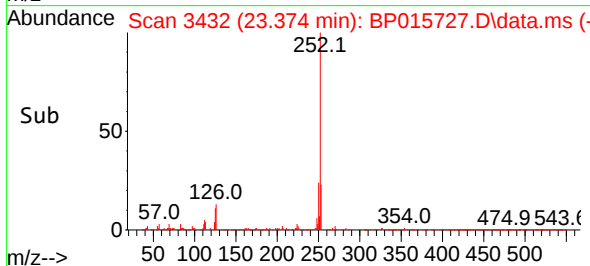
Supervised By :mohammad ahmed 06/27/2023



06/27/2023

Supervised By :mohammad
ahmed

06/27/2023



#93

Benzo(a)pyrene

Concen: 2.347 ng/ul

RT: 23.998 min Scan# 3538

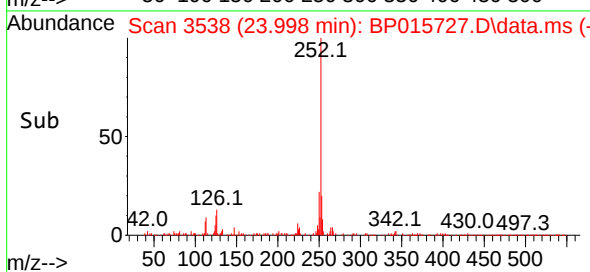
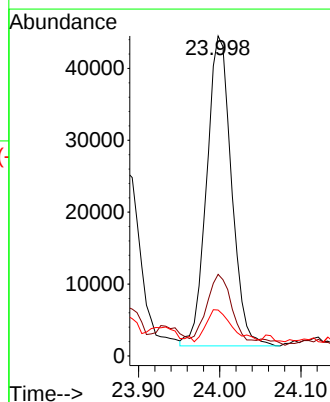
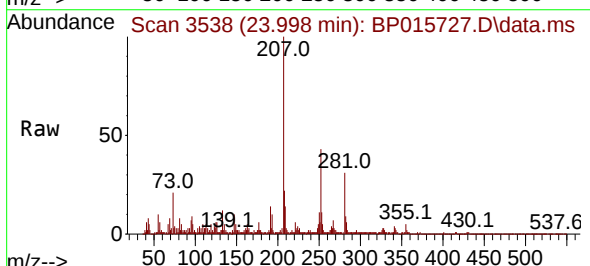
Delta R.T. -0.006 min

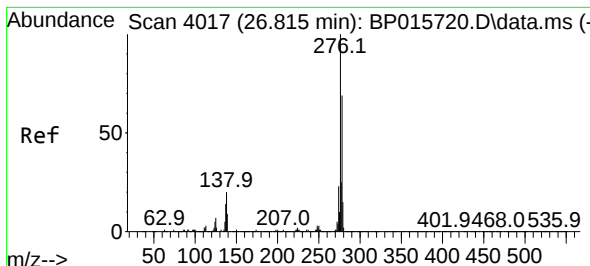
Lab File: BP015727.D

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Tgt Ion:252 Resp: 91623

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.7	26.5
125	14.4	8.2	12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.574 ng/ul

RT: 26.810 min Scan# 4017

Delta R.T. -0.006 min

Lab File: BP015727.D

Acq: 26 Jun 2023 22:24

Instrument :

BNA_P

ClientSampleId :

DCFJ9

Tgt Ion:276 Resp: 13641

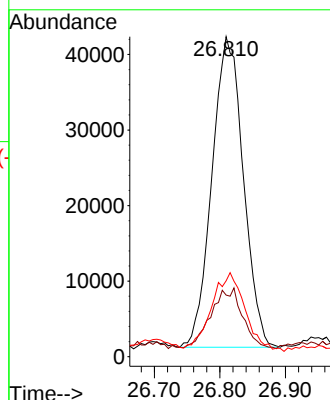
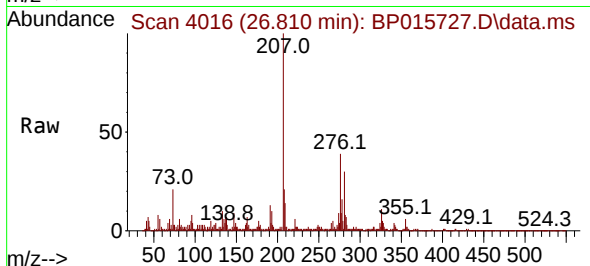
Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.7	23.5
277	23.7	19.6	29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

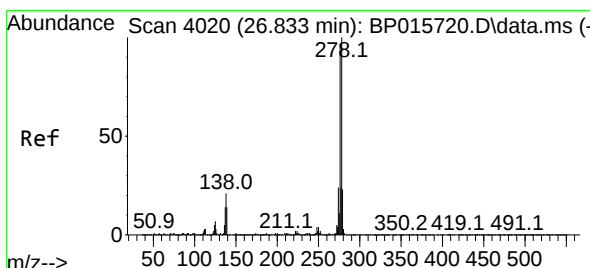
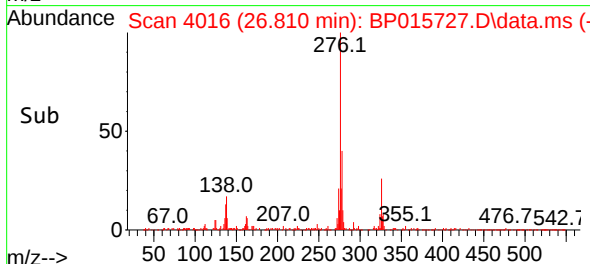
Supervised By :mohammad ahmed 06/27/2023



06/27/2023

Supervised By :mohammad
ahmed

06/27/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.747 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. -0.012 min

Lab File: BP015727.D

Acq: 26 Jun 2023 22:24

Tgt Ion:278 Resp: 76044

Ion	Ratio	Lower	Upper
278	100		
139	28.9	10.5	15.7#
279	28.9	18.4	27.6#

