

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015817.D
 Acq On : 29 Jun 2023 19:12
 Operator : MA/JU
 Sample : 03143-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFV8

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 23:51:50 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	325435	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	1380551	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.704	164	797188	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1545011	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	1033703	20.000	ng/u1	0.00
88) Perylene-d12	24.098	264	1142445	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	17287	1.911	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.240	99	286565	10.292	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	203054	11.787	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	246300	11.718	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	222760	10.127	ng/u1	0.01
21) Nitrobenzene-d5	9.252	128	105681	10.017	ng/u1	0.01
24) 2-Nitrophenol-d4	9.981	143	117956	9.579	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.557	165	200548	9.139	ng/u1	0.04
31) 4-Chloroaniline-d4	11.081	131	127038	4.507	ng/u1	0.05
46) Dimethylphthalate-d6	14.122	166	690686	11.209	ng/u1	0.01
49) Acenaphthylene-d8	14.404	160	787962	11.376	ng/u1	0.00
54) 4-Nitrophenol-d4	15.016	143	45909m	5.646	ng/u1	0.06
60) Fluorene-d10	15.710	176	575969	11.353	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.881	200	50520m	5.317	ng/u1	0.02
73) Anthracene-d10	17.569	188	792386	11.228	ng/u1	0.00
81) Pyrene-d10	19.792	212	843389	12.495	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	679300	11.787	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	109462	1.304	ng/u1	98
80) Fluoranthene	19.469	202	357930	4.267	ng/u1#	92
82) Pyrene	19.822	202	312201	3.648	ng/u1#	89
85) Benzo(a)anthracene	21.539	228	169906	2.337	ng/u1	96
87) Chrysene	21.592	228	227951	3.304	ng/u1	98
90) Benzo(b)fluoranthene	23.316	252	338430	4.610	ng/u1#	93
91) Benzo(k)fluoranthene	23.363	252	104319m	1.407	ng/u1	
93) Benzo(a)pyrene	23.986	252	181351	2.827	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	26.792	276	172078	1.976	ng/u1	95
96) Benzo(g,h,i)perylene	27.639	276	165416	2.309	ng/u1#	92

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

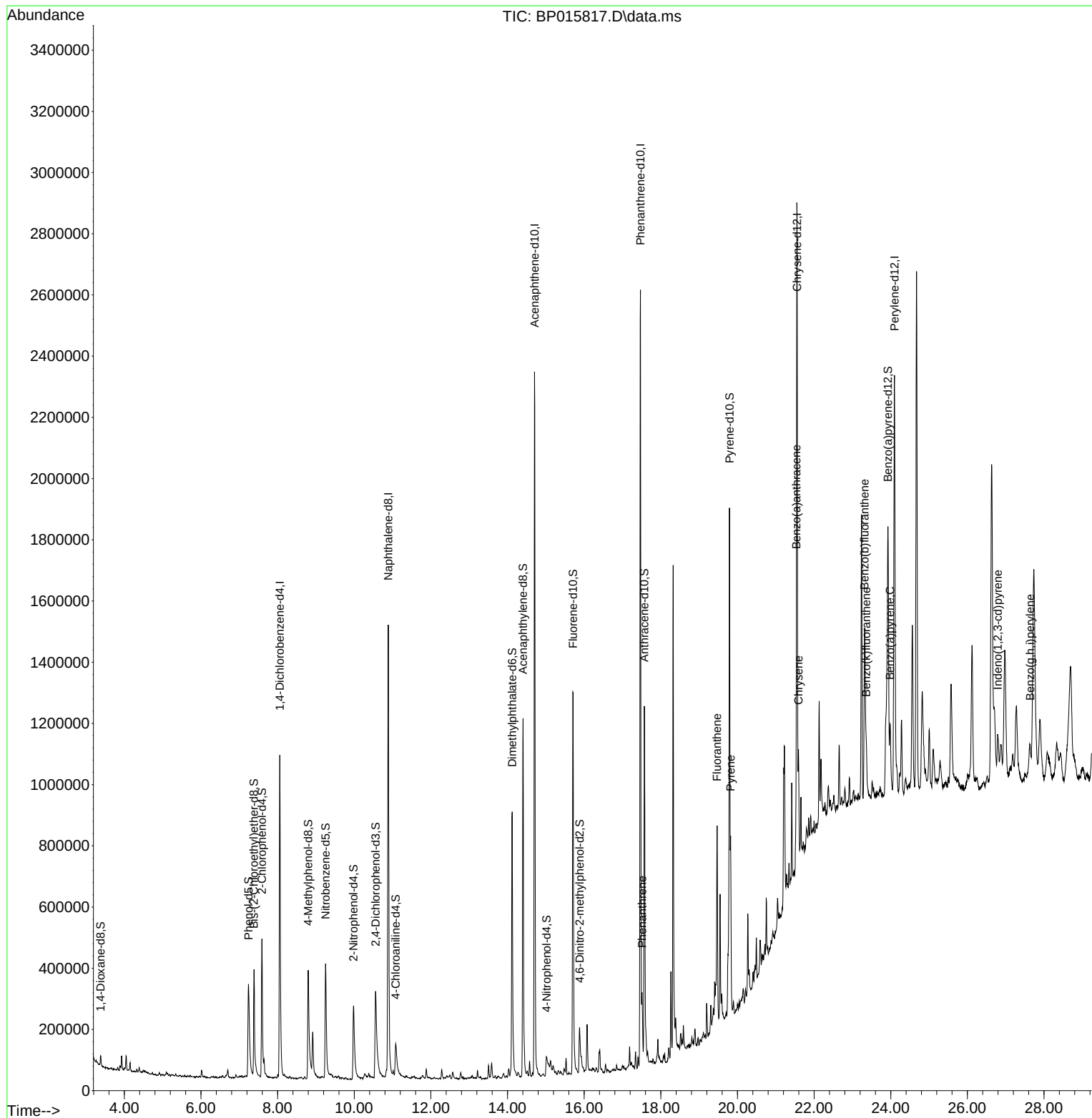
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015817.D
Acq On : 29 Jun 2023 19:12
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ALS Vial : 21 Sample Multiplier: 1

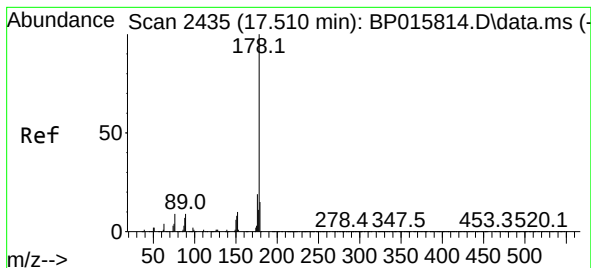
Instrument :
BNA_P
ClientSampleId :
DCFV8

Quant Time: Jun 29 23:51:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
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#72

Phenanthrene

Concen: 1.304 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BP015817.D

Acq: 29 Jun 2023 19:12

Instrument :

BNP_P

ClientSampleId :

DCFV8

Tgt Ion:178 Resp: 109462

Ion Ratio Lower Upper

178 100

179 15.0 12.4 18.6

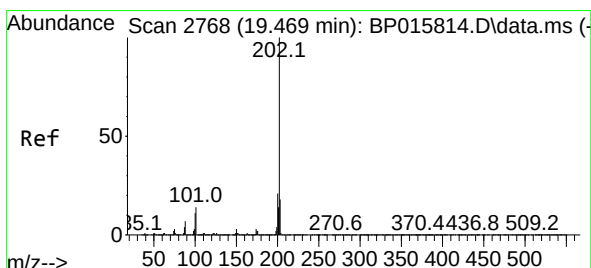
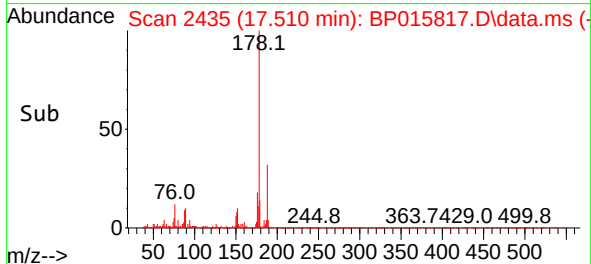
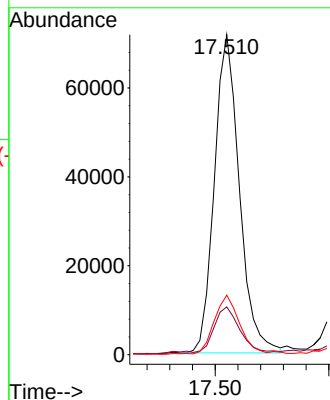
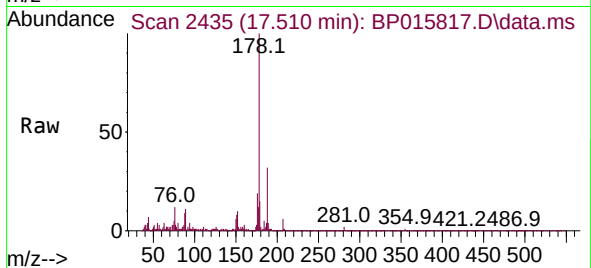
176 18.6 15.6 23.4

Manual Integrations

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#80

Fluoranthene

Concen: 4.267 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. -0.006 min

Lab File: BP015817.D

Acq: 29 Jun 2023 19:12

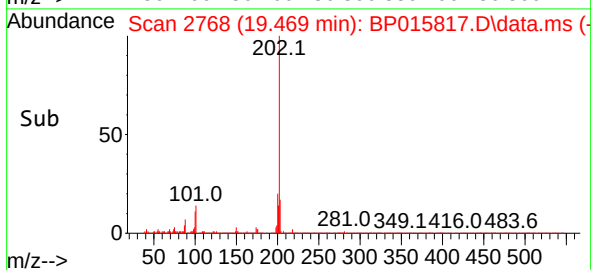
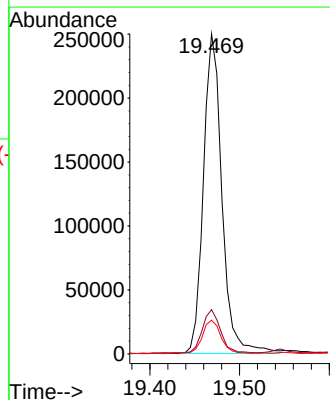
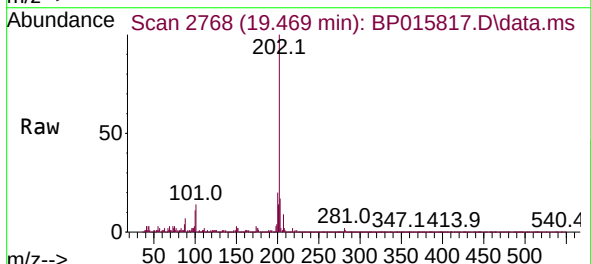
Tgt Ion:202 Resp: 357930

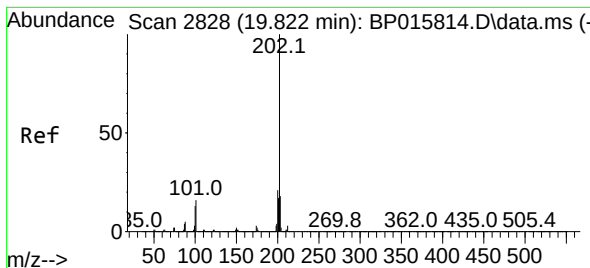
Ion Ratio Lower Upper

202 100

101 13.9 8.3 12.5#

100 10.6 6.6 9.8#





#82

Pyrene

Concen: 3.648 ng/ul

RT: 19.822 min Scan# 21220

Delta R.T. -0.006 min

Lab File: BP015817.D

Acq: 29 Jun 2023 19:12

Instrument :

BNA_P

ClientSampleId :

DCFV8

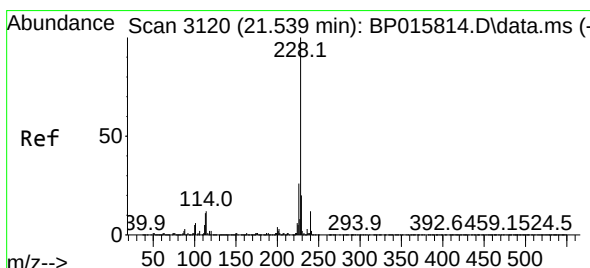
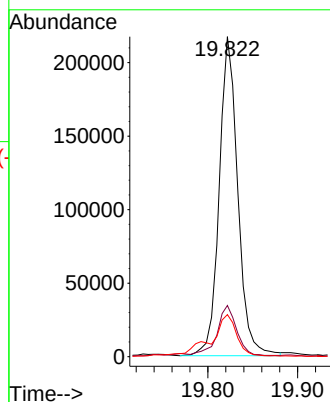
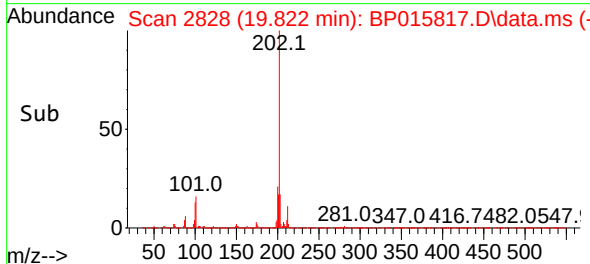
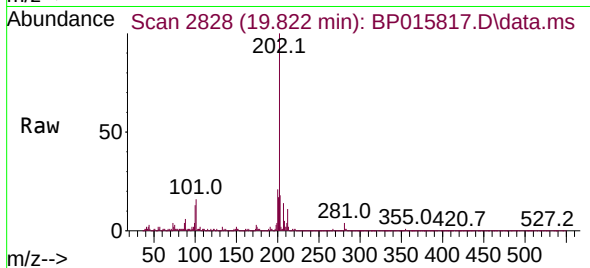
Tgt Ion:	202	Resp:	31220
Ion Ratio	Lower	Upper	
202	100		
101	16.0	9.3	13.9
100	13.2	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 2.337 ng/ul

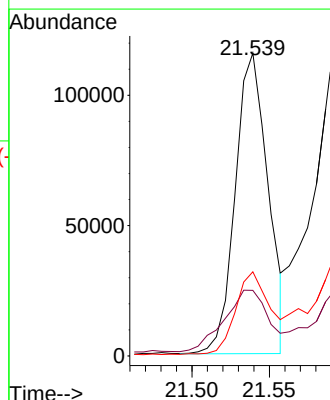
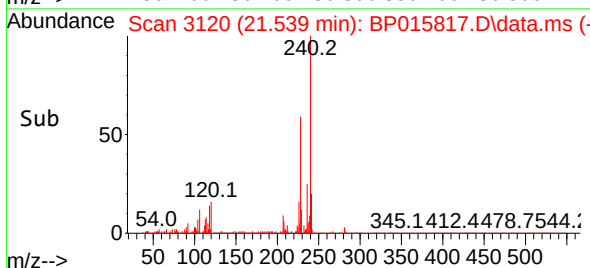
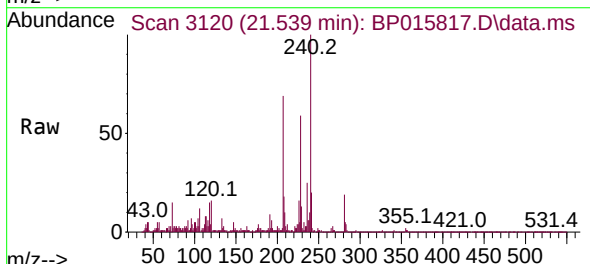
RT: 21.539 min Scan# 3120

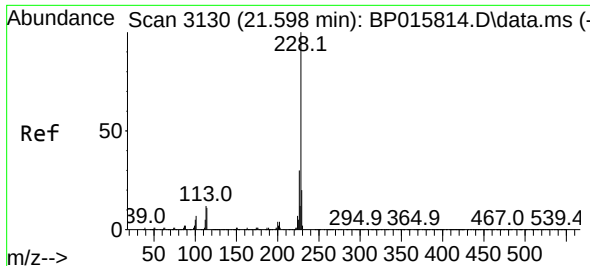
Delta R.T. 0.000 min

Lab File: BP015817.D

Acq: 29 Jun 2023 19:12

Tgt Ion:	228	Resp:	169906
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.3	22.9
226	27.8	21.4	32.0





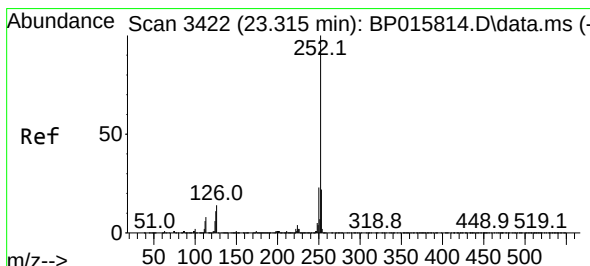
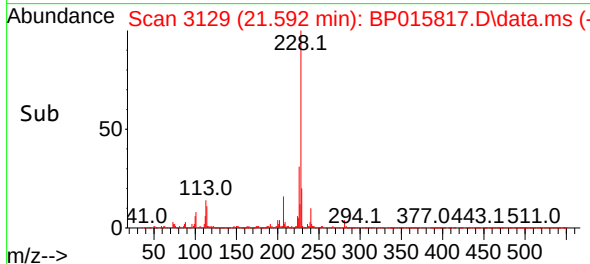
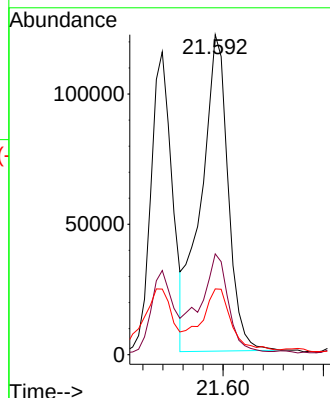
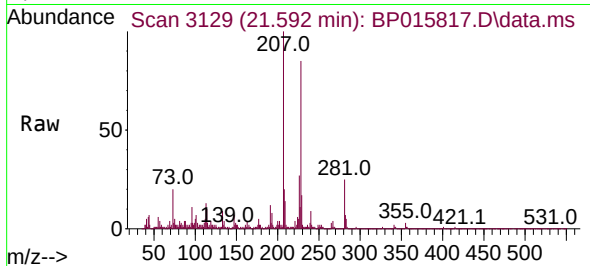
#87
Chrysene
Concen: 3.304 ng/ul
RT: 21.592 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP015817.D
Acq: 29 Jun 2023 19:12

Instrument :
BNA_P
ClientSampleId :
DCFV8

Tgt Ion:228 Resp: 22795
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 20.6 15.5 23.3

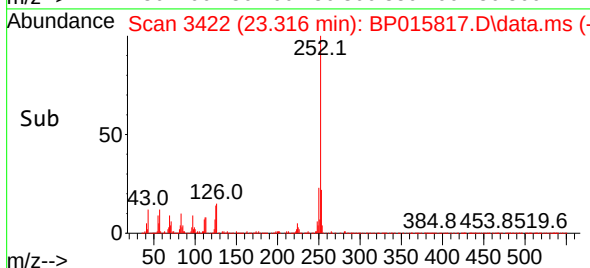
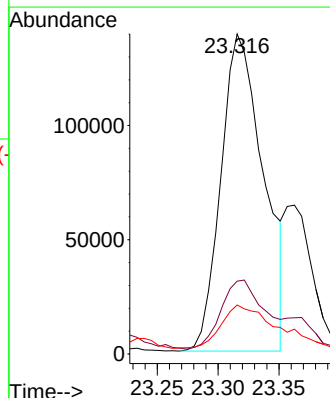
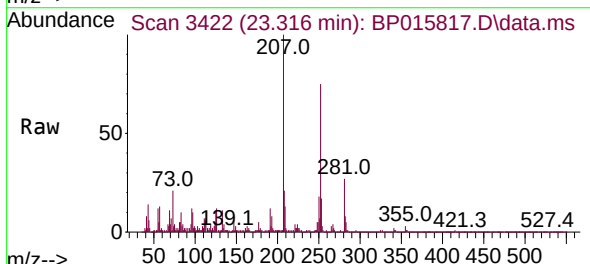
Manual Integrations
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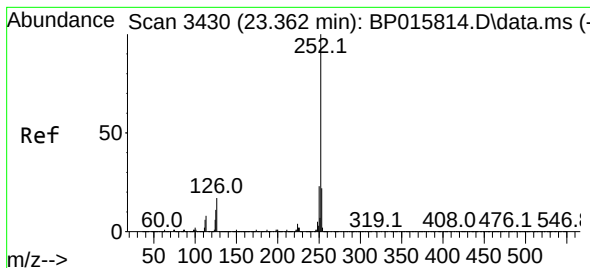
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#90
Benzo(b)fluoranthene
Concen: 4.610 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. 0.000 min
Lab File: BP015817.D
Acq: 29 Jun 2023 19:12

Tgt Ion:252 Resp: 338430
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 15.3 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 1.407 ng/ul m

RT: 23.363 min Scan# 3430

Delta R.T. -0.006 min

Lab File: BP015817.D

Acq: 29 Jun 2023 19:12

Instrument :

BNA_P

ClientSampleId :

DCFV8

Tgt Ion:252 Resp: 104319

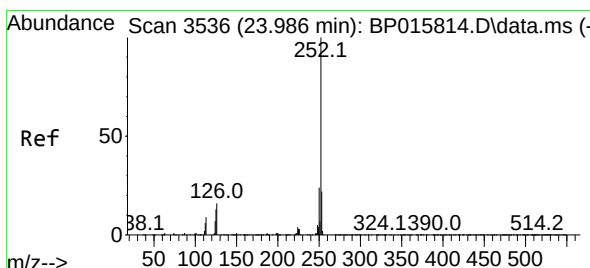
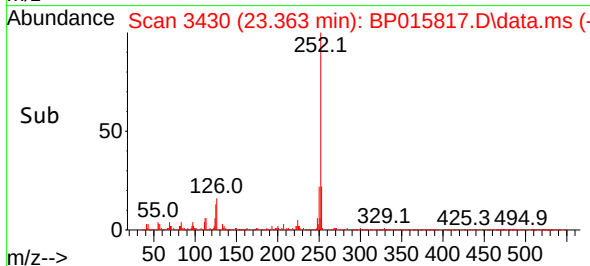
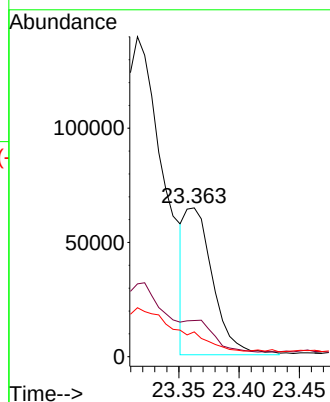
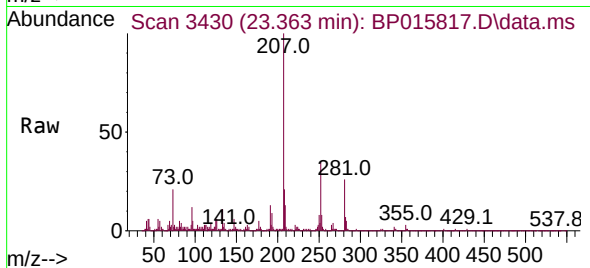
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.4
125	16.7	7.3	10.9

Manual Integrations

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Supervised By :mohammad ahmed 06/30/2023



#93

Benzo(a)pyrene

Concen: 2.827 ng/ul

RT: 23.986 min Scan# 3536

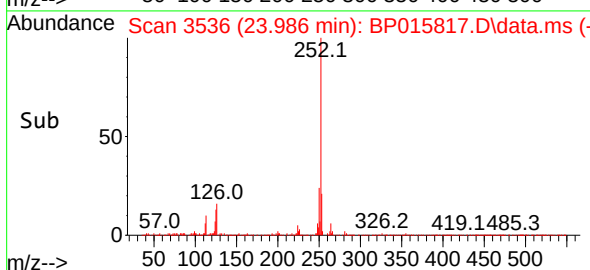
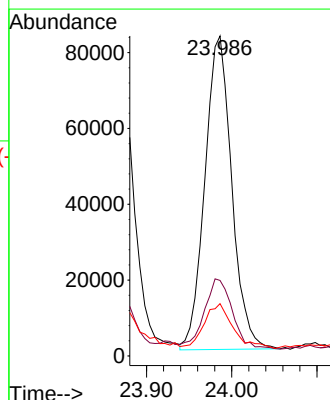
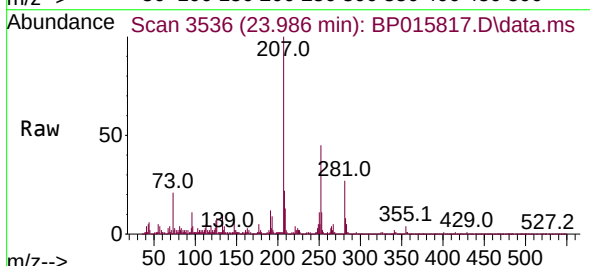
Delta R.T. 0.000 min

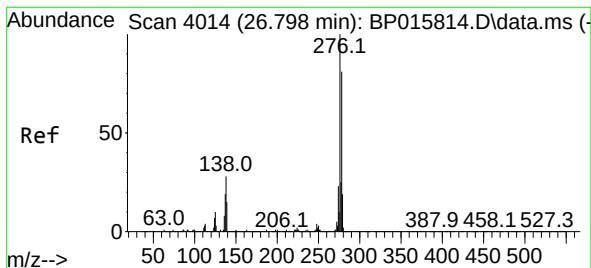
Lab File: BP015817.D

Acq: 29 Jun 2023 19:12

Tgt Ion:252 Resp: 181351

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	16.3	8.2	12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.976 ng/ul

RT: 26.792 min Scan# 4014

Delta R.T. -0.006 min

Lab File: BP015817.D

Acq: 29 Jun 2023 19:12

Instrument :

BNA_P

ClientSampleId :

DCFV8

Tgt Ion:276 Resp: 172078

Ion Ratio Lower Upper

276 100

138 23.2 15.7 23.5

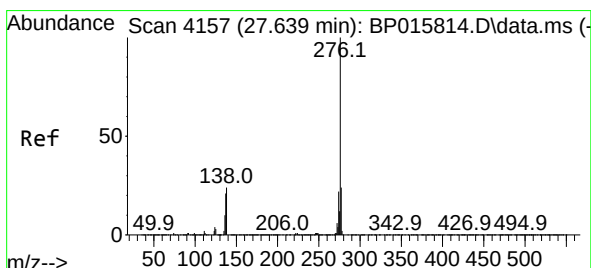
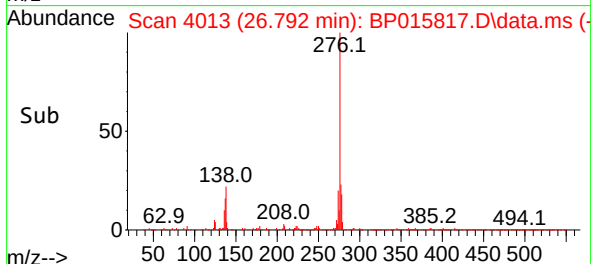
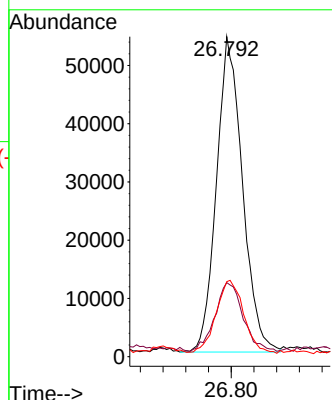
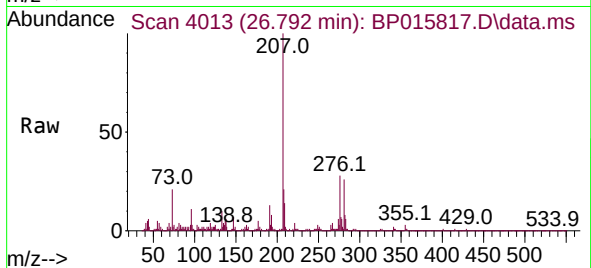
277 23.4 19.6 29.4

Manual Integrations

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Supervised By :mohammad ahmed 06/30/2023



#96

Benzo(g,h,i)perylene

Concen: 2.309 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.006 min

Lab File: BP015817.D

Acq: 29 Jun 2023 19:12

Tgt Ion:276 Resp: 165416

Ion Ratio Lower Upper

276 100

138 24.6 15.1 22.7#

277 25.3 18.8 28.2

