

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015806.D
 Acq On : 29 Jun 2023 12:23
 Operator : MA/JU
 Sample : 03143-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFV0

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 23:06:51 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	8.057	152	287755	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1186466	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.710	164	660691	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1244022	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	953115	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1108607	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	25633	3.205	ng/uL	0.00
4) Pyridine-d5	3.828	84	266666	13.227	ng/ul	0.00
7) Phenol-d5	7.234	99	484135	19.664	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	347651	22.823	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	398819	21.459	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	260221	13.379	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	199187	21.967	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	210729	19.912	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	328382	17.413	ng/ul	0.02
31) 4-Chloroaniline-d4	11.063	131	261302m	10.786	ng/ul	0.03
46) Dimethylphthalate-d6	14.116	166	1089925	21.343	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1251741	21.805	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	90601m	13.444	ng/ul	0.05
60) Fluorene-d10	15.704	176	882759	20.994	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	88803	11.607	ng/ul	0.01
73) Anthracene-d10	17.569	188	1211566	21.321	ng/ul	0.00
81) Pyrene-d10	19.792	212	1331615	21.396	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1211043	21.655	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	120965	1.790	ng/ul	99
80) Fluoranthene	19.474	202	313663	4.055	ng/ul#	94
82) Pyrene	19.827	202	270231	3.425	ng/ul#	91
85) Benzo(a)anthracene	21.539	228	191591	2.858	ng/ul	95
87) Chrysene	21.598	228	236279	3.714	ng/ul	97
90) Benzo(b)fluoranthene	23.315	252	443822	6.231	ng/ul#	93
91) Benzo(k)fluoranthene	23.368	252	147492m	2.049	ng/ul	
93) Benzo(a)pyrene	23.986	252	276440	4.441	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.804	276	241421	2.857	ng/ul#	86
96) Benzo(g,h,i)perylene	27.639	276	225807	3.248	ng/ul#	91

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

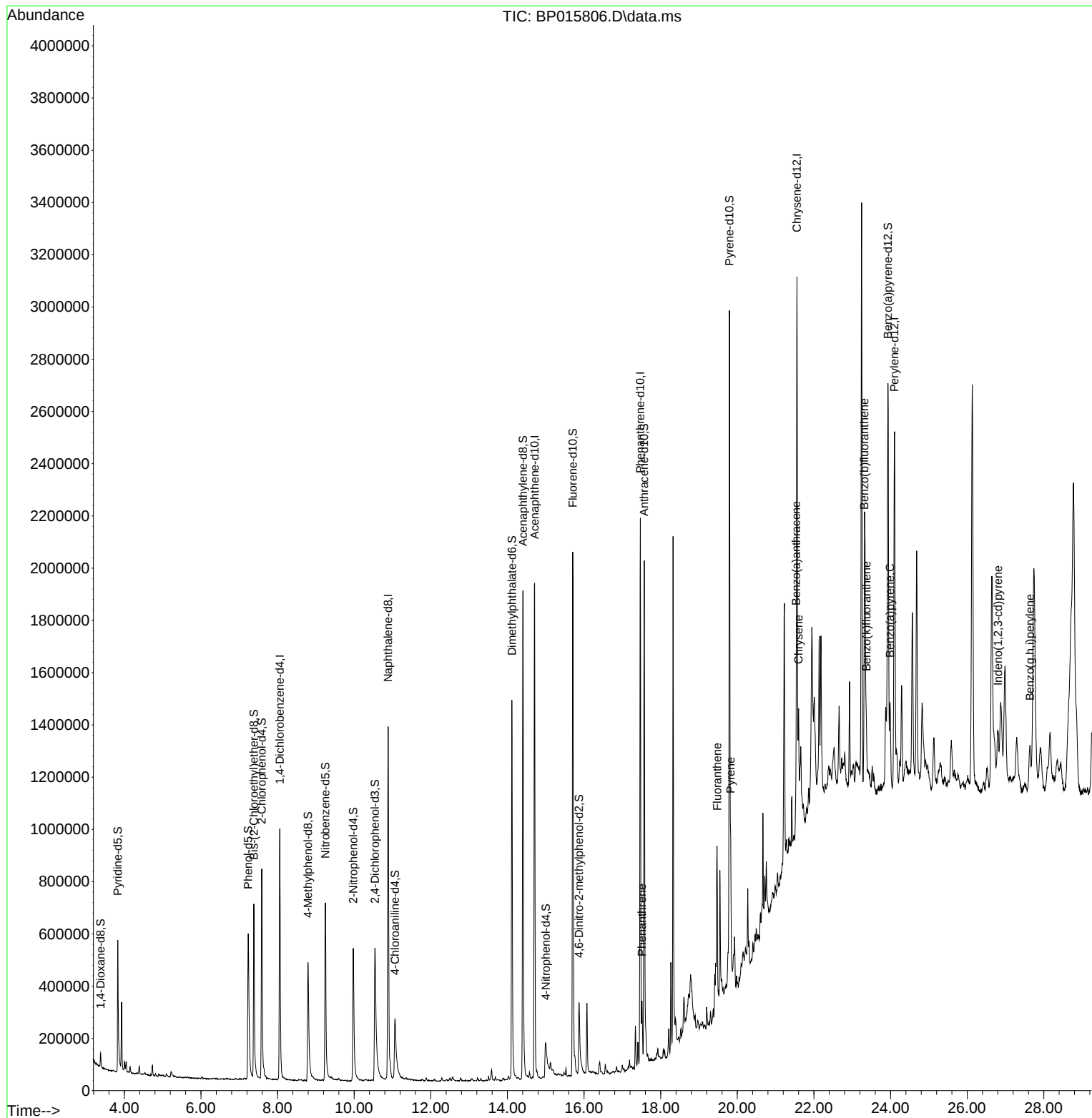
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
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 ALS Vial : 11 Sample Multiplier: 1

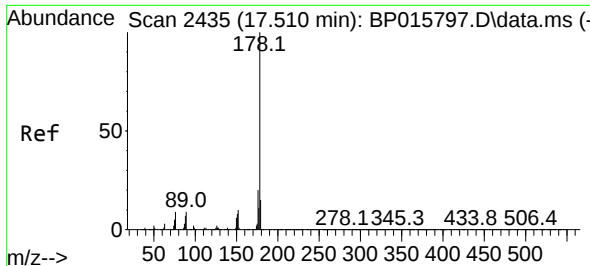
Instrument :
 BNA_P
 ClientSampleId :
 DCFV0

Quant Time: Jun 29 23:06:51 2023
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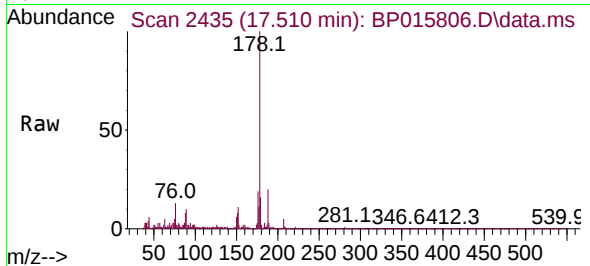
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023





#72
Phenanthrene
Concen: 1.790 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP015806.D
Acq: 29 Jun 2023 12:23

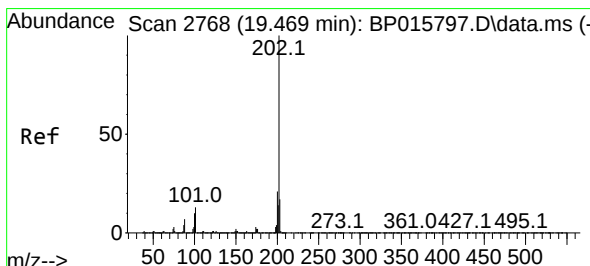
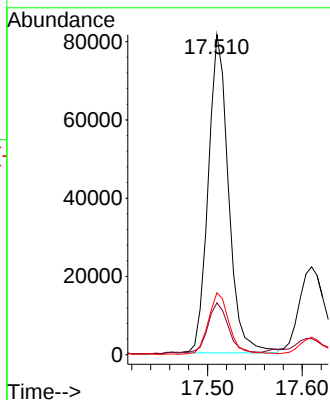
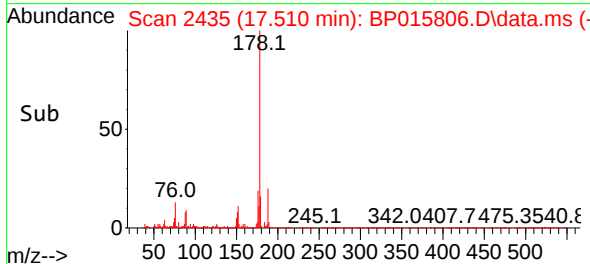
Instrument :
BNA_P
ClientSampleId :
DCFV0



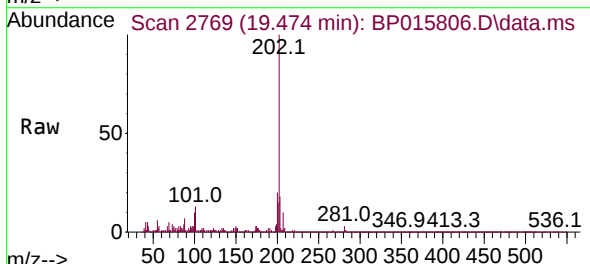
Tgt Ion:178 Resp: 120968
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 19.4 15.6 23.4

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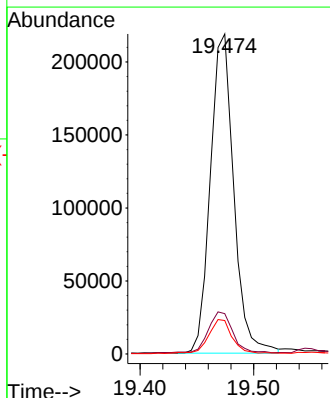
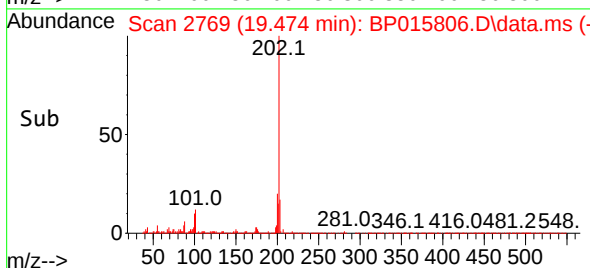
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

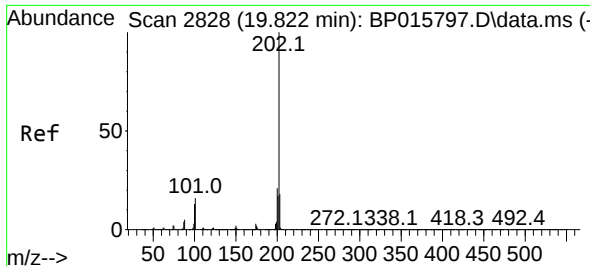


#80
Fluoranthene
Concen: 4.055 ng/ul
RT: 19.474 min Scan# 2769
Delta R.T. -0.000 min
Lab File: BP015806.D
Acq: 29 Jun 2023 12:23



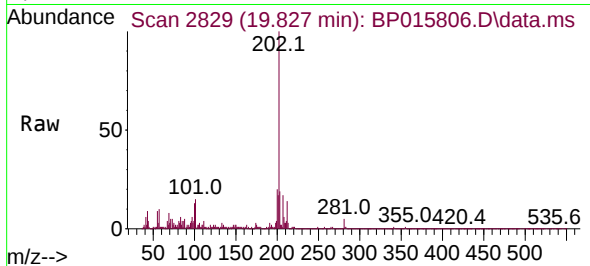
Tgt Ion:202 Resp: 313663
Ion Ratio Lower Upper
202 100
101 12.6 8.3 12.5#
100 10.4 6.6 9.8#





#82
Pyrene
Concen: 3.425 ng/ul
RT: 19.827 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015806.D
Acq: 29 Jun 2023 12:23

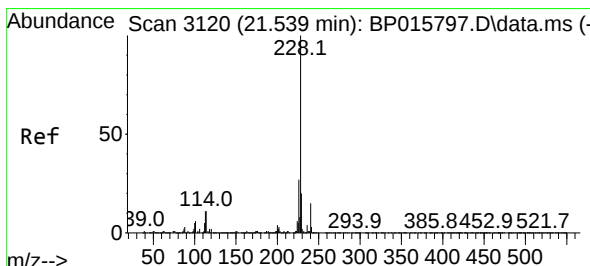
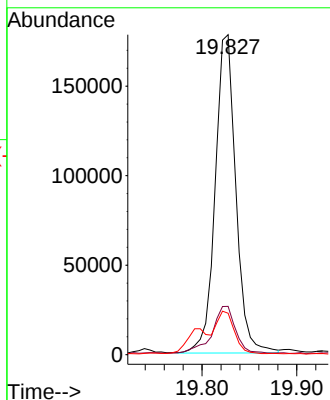
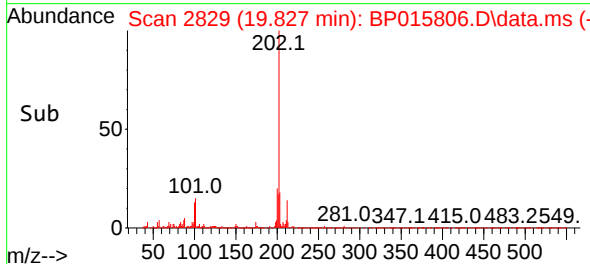
Instrument :
BNA_P
ClientSampleId :
DCFV0



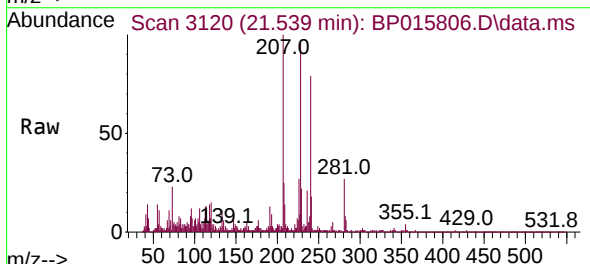
Tgt Ion:202 Resp: 27023
Ion Ratio Lower Upper
202 100
101 15.1 9.3 13.9
100 12.9 7.6 11.4

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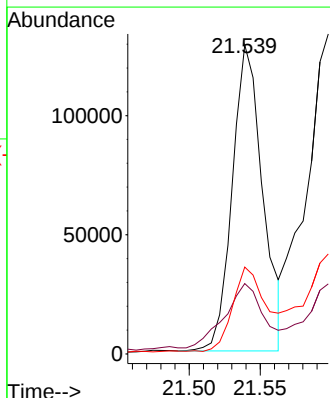
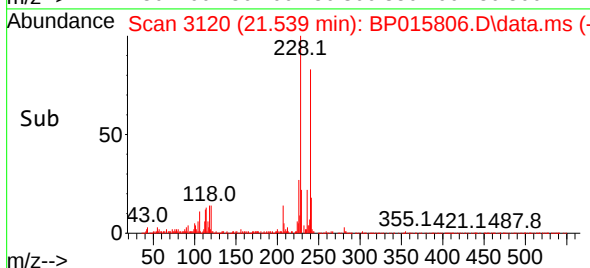
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

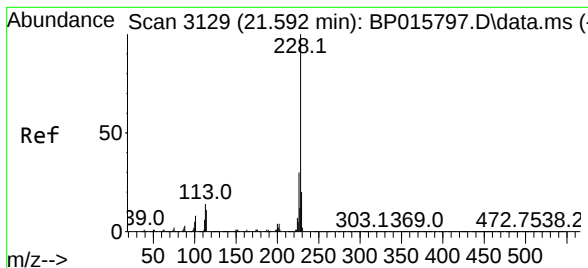


#85
Benzo(a)anthracene
Concen: 2.858 ng/ul
RT: 21.539 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP015806.D
Acq: 29 Jun 2023 12:23



Tgt Ion:228 Resp: 191591
Ion Ratio Lower Upper
228 100
229 22.8 15.3 22.9
226 28.1 21.4 32.0





#87

Chrysene

Concen: 3.714 ng/ul

RT: 21.598 min Scan# 3129

Delta R.T. -0.000 min

Lab File: BP015806.D

Acq: 29 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

DCFV0

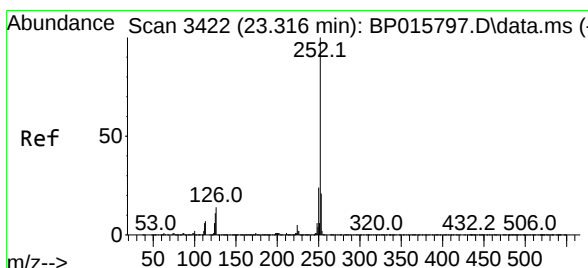
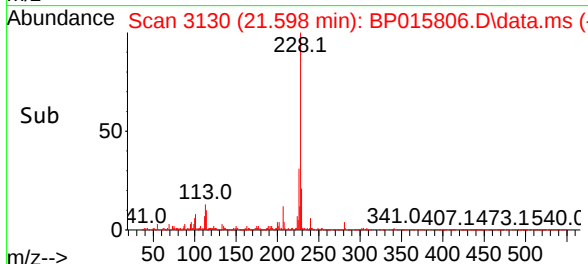
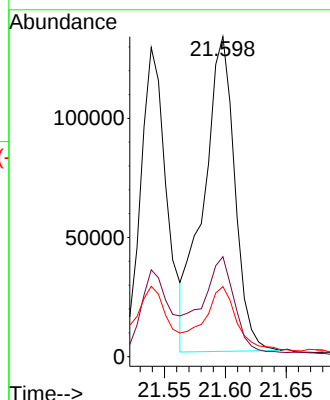
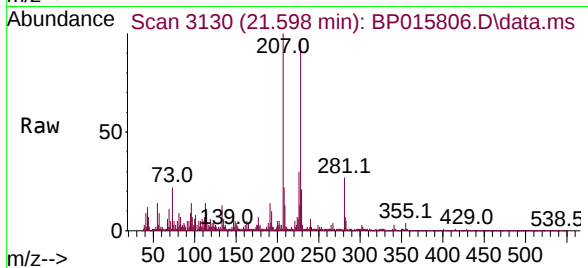
Tgt Ion:	228	Resp:	236279
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.3	36.5
229	21.9	15.5	23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 6.231 ng/ul

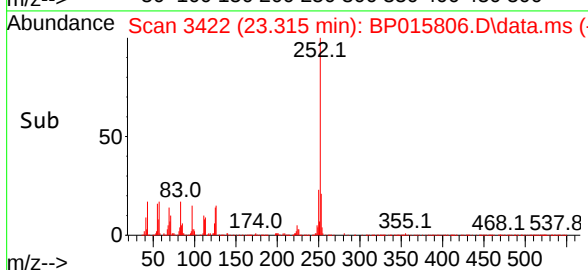
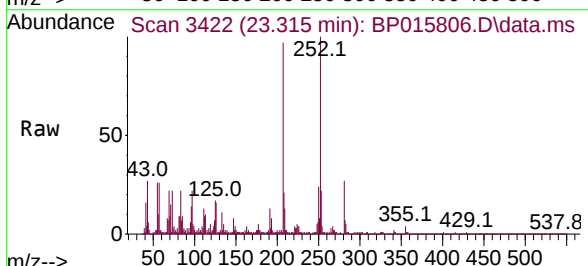
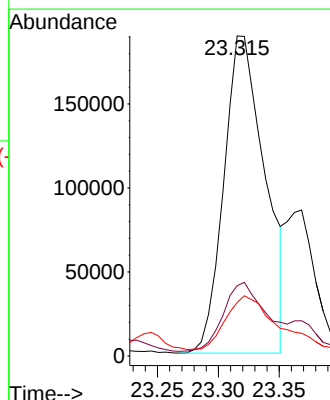
RT: 23.315 min Scan# 3422

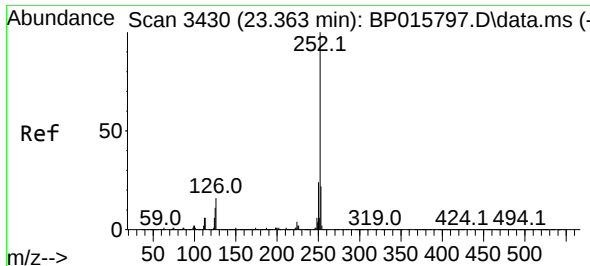
Delta R.T. -0.000 min

Lab File: BP015806.D

Acq: 29 Jun 2023 12:23

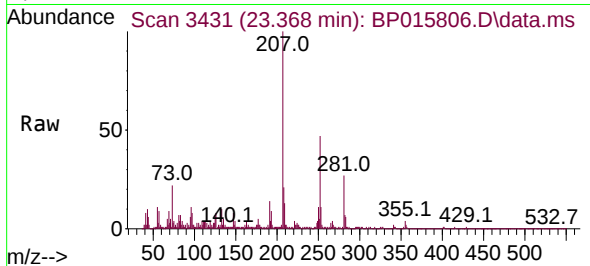
Tgt Ion:	252	Resp:	443822
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.3	25.9
125	16.7	7.5	11.3





#91
Benzo(k)fluoranthene
Concen: 2.049 ng/ul m
RT: 23.368 min Scan# 3430
Delta R.T. -0.000 min
Lab File: BP015806.D
Acq: 29 Jun 2023 12:23

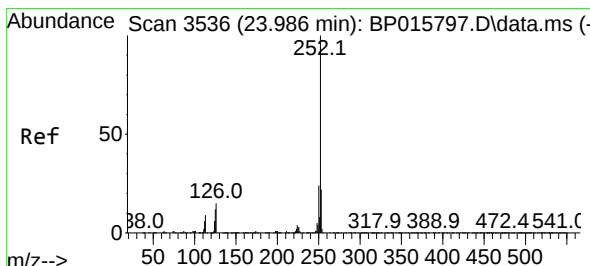
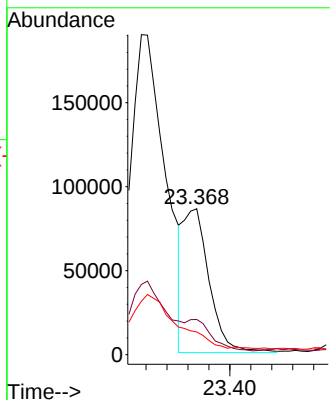
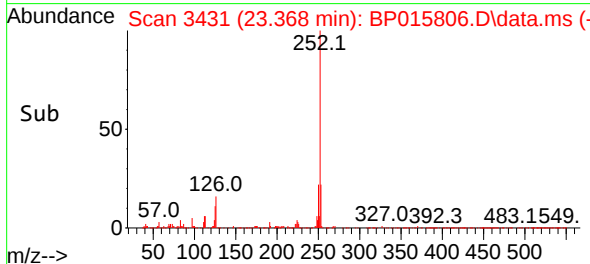
Instrument :
BNA_P
ClientSampleId :
DCFV0



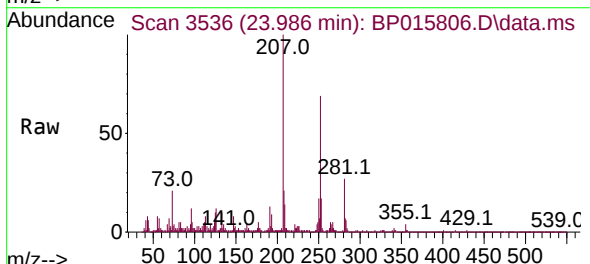
Tgt Ion:252 Resp: 147492
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.4
125 15.6 7.3 10.9

Manual Integrations
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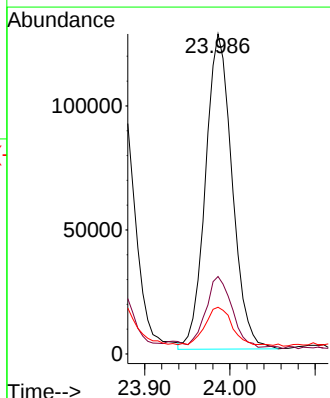
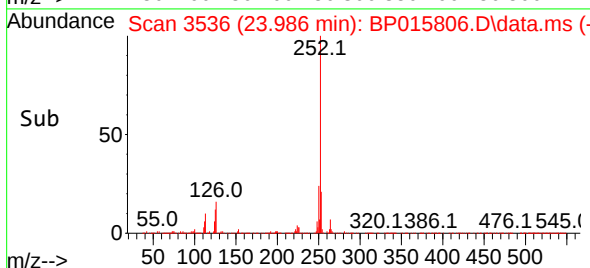
Reviewed By :Yogesh Patel 06/30/2023
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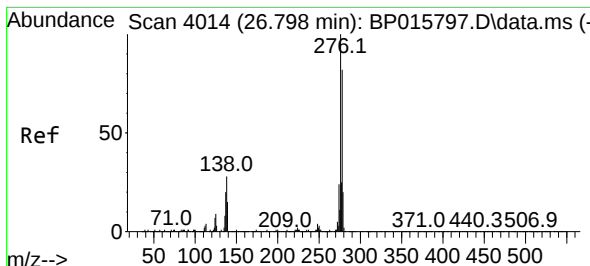


#93
Benzo(a)pyrene
Concen: 4.441 ng/ul
RT: 23.986 min Scan# 3536
Delta R.T. -0.000 min
Lab File: BP015806.D
Acq: 29 Jun 2023 12:23



Tgt Ion:252 Resp: 276440
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 14.6 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.857 ng/ul

RT: 26.804 min Scan# 4014

Delta R.T. 0.006 min

Lab File: BP015806.D

Acq: 29 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

DCFV0

Tgt Ion: 276 Resp: 24142

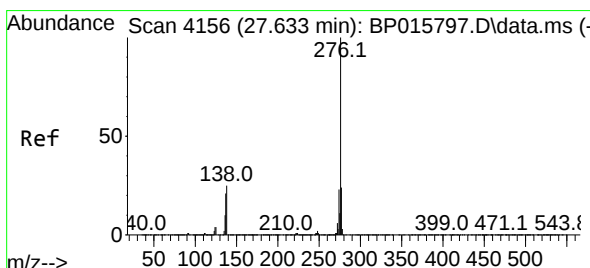
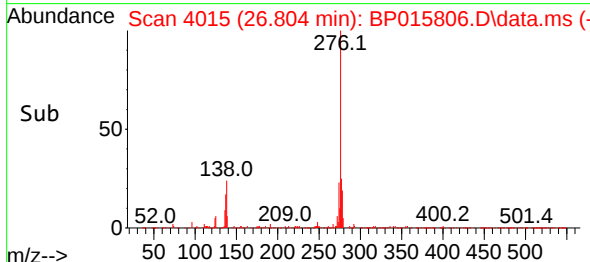
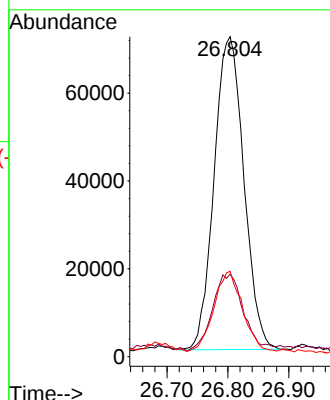
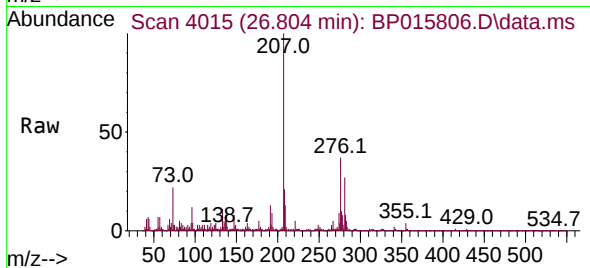
Ion	Ratio	Lower	Upper
276	100		
138	31.9	15.7	23.5
277	26.7	19.6	29.4

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/30/2023



#96

Benzo(g,h,i)perylene

Concen: 3.248 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.006 min

Lab File: BP015806.D

Acq: 29 Jun 2023 12:23

Tgt Ion: 276 Resp: 225807

Ion	Ratio	Lower	Upper
276	100		
138	25.2	15.1	22.7
277	25.9	18.8	28.2

