

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015878.D
 Acq On : 01 Jul 2023 10:54
 Operator : MA/JU
 Sample : 03239-07
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFY5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 01:27:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	270480	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.881	136	1075340	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.704	164	568549	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.463	188	1069068	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.551	240	970732	20.000	ng/u1	#-0.01
88) Perylene-d12	24.098	264	1124658	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	8900	1.184	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.246	99	249768	10.793	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	155641	10.870	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	195067	11.166	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	194658	10.647	ng/u1	0.01
21) Nitrobenzene-d5	9.246	128	94136	11.455	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	106699	11.124	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	179611	10.508	ng/u1	0.04
31) 4-Chloroaniline-d4	11.087	131	98965	4.507	ng/u1	0.05
46) Dimethylphthalate-d6	14.116	166	632544	14.394	ng/u1	0.00
49) Acenaphthylene-d8	14.399	160	689434	13.956	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.022	143	53714m	9.262	ng/u1	0.08
60) Fluorene-d10	15.704	176	508282	14.047	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	34693m	5.277	ng/u1	0.02
73) Anthracene-d10	17.569	188	686254	14.053	ng/u1	0.00
81) Pyrene-d10	19.792	212	849384	13.400	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.927	264	788583	13.900	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	68787	1.184	ng/u1	99
80) Fluoranthene	19.469	202	203801	2.587	ng/u1#	94
82) Pyrene	19.822	202	157700	1.962	ng/u1#	90
85) Benzo(a)anthracene	21.539	228	92536	1.355	ng/u1	95
87) Chrysene	21.592	228	102086	1.576	ng/u1	98
90) Benzo(b)fluoranthene	23.316	252	153934	2.130	ng/u1#	77
93) Benzo(a)pyrene	23.986	252	83038	1.315	ng/u1#	85

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

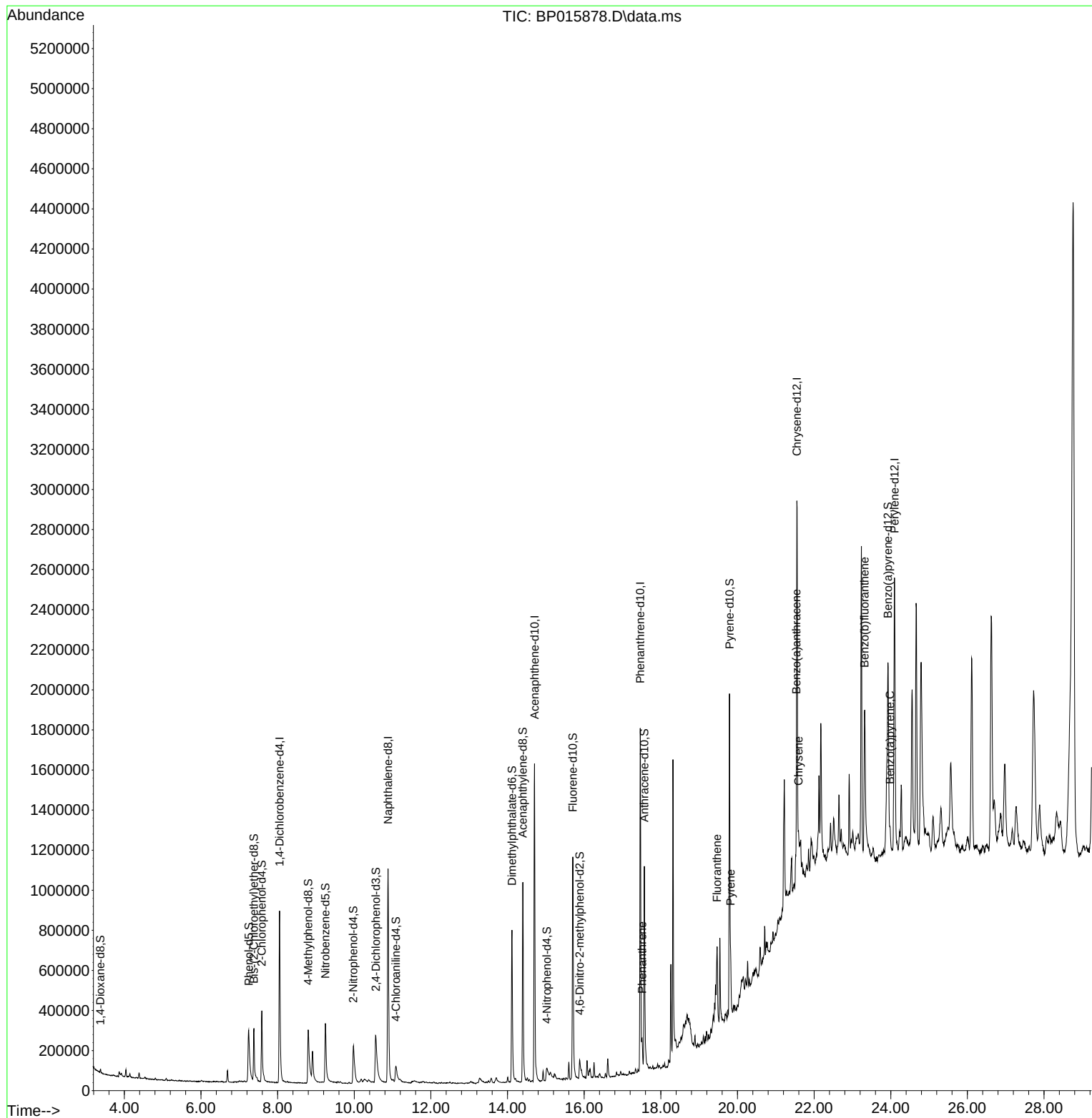
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015878.D
Acq On : 01 Jul 2023 10:54
Operator : MA/JU
Sample : 03239-07
Misc :
ALS Vial : 45 Sample Multiplier: 1

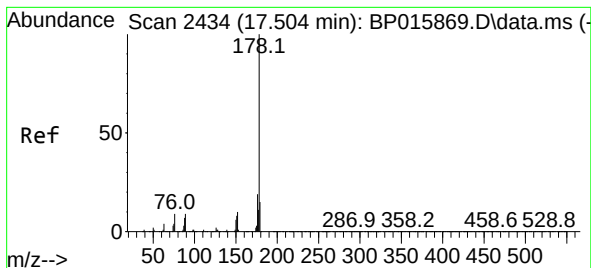
Instrument :
BNA_P
ClientSampleId :
DCFY5

Quant Time: Jul 02 01:27:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#72

Phenanthrene

Concen: 1.184 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP015878.D

Acq: 01 Jul 2023 10:54

Instrument :

BNA_P

ClientSampleId :

DCFY5

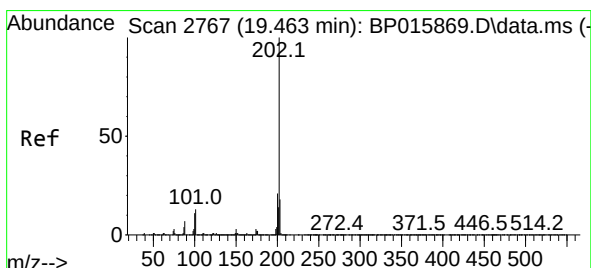
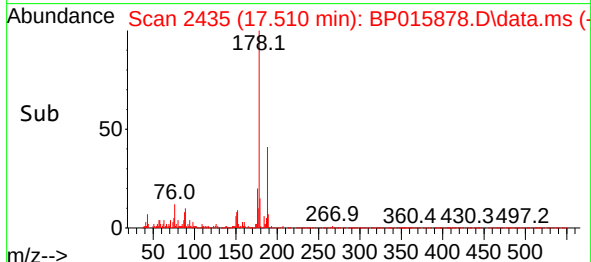
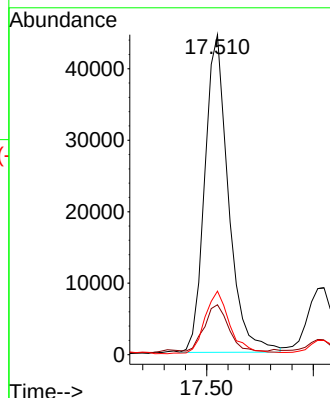
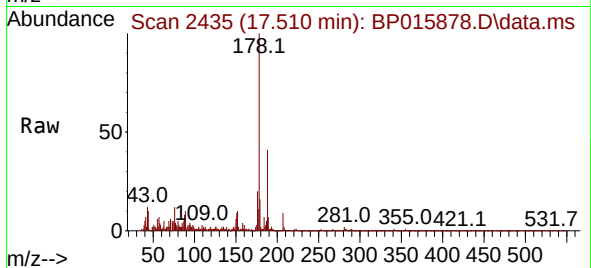
Tgt Ion:178	Resp: 6878
Ion Ratio	Lower Upper
178 100	
179 15.6	12.4 18.6
176 19.9	15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#80

Fluoranthene

Concen: 2.587 ng/ul

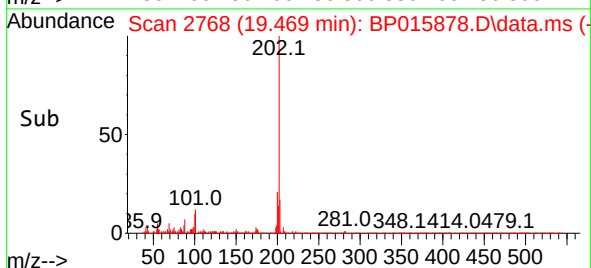
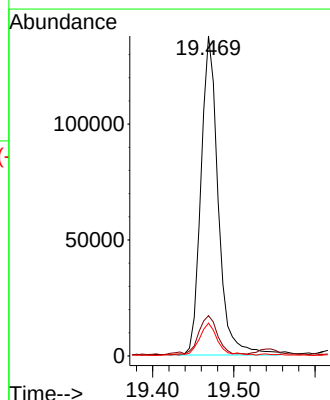
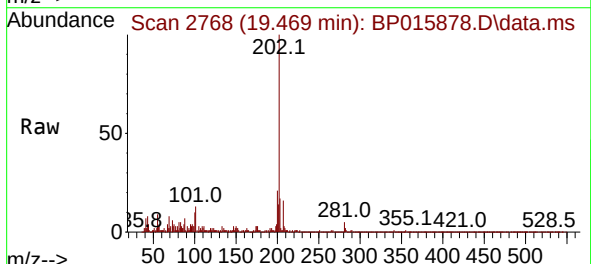
RT: 19.469 min Scan# 2768

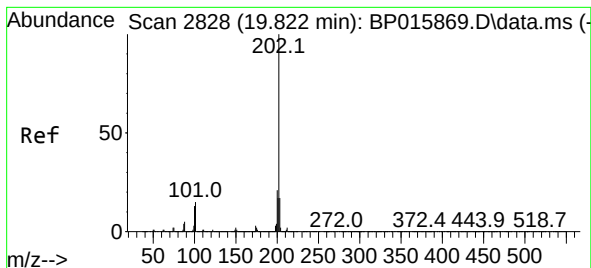
Delta R.T. -0.006 min

Lab File: BP015878.D

Acq: 01 Jul 2023 10:54

Tgt Ion:202	Resp: 203801
Ion Ratio	Lower Upper
202 100	
101 12.6	8.3 12.5#
100 10.2	6.6 9.8#





#82

Pyrene

Concen: 1.962 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP015878.D

Acq: 01 Jul 2023 10:54

Instrument :

BNA_P

ClientSampleId :

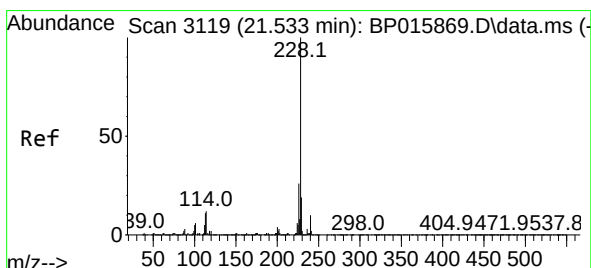
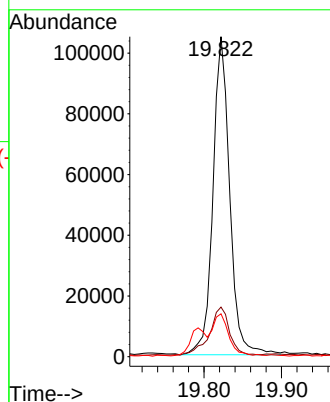
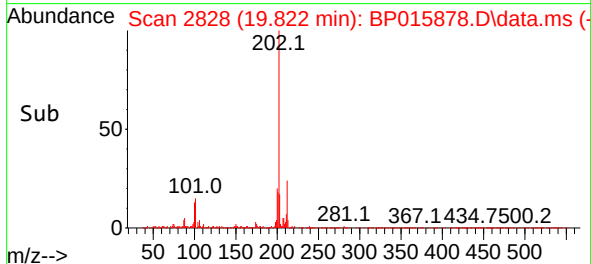
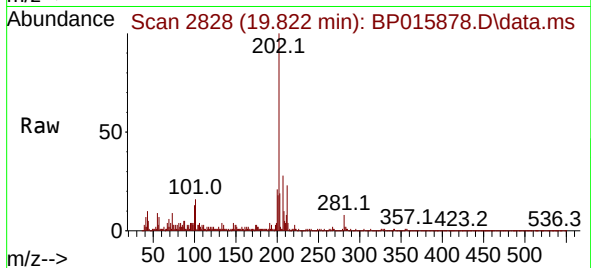
DCFY5

Tgt Ion:	202	Resp:	157700
Ion Ratio	Lower	Upper	
202	100		
101	15.5	9.3	13.9
100	13.4	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#85

Benzo(a)anthracene

Concen: 1.355 ng/ul

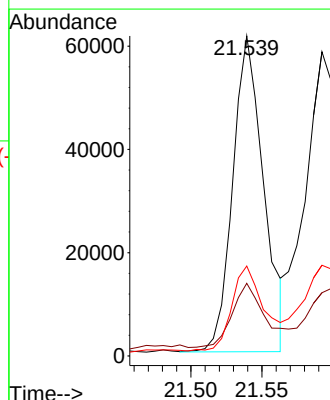
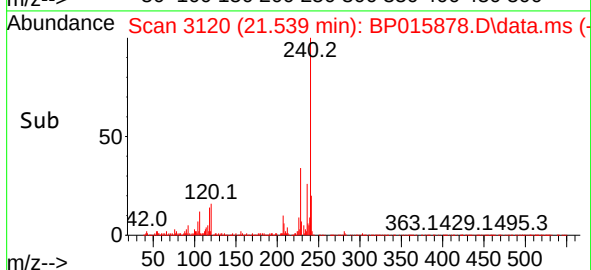
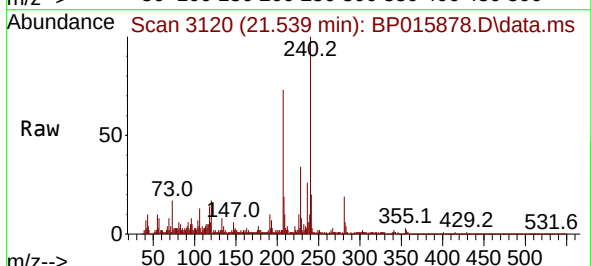
RT: 21.539 min Scan# 3120

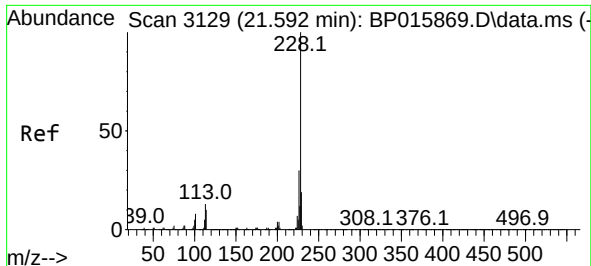
Delta R.T. -0.006 min

Lab File: BP015878.D

Acq: 01 Jul 2023 10:54

Tgt Ion:	228	Resp:	92536
Ion Ratio	Lower	Upper	
228	100		
229	22.7	15.3	22.9
226	28.1	21.4	32.0





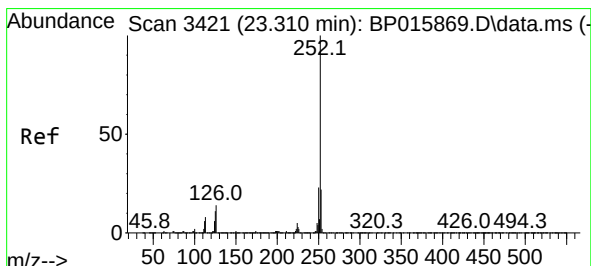
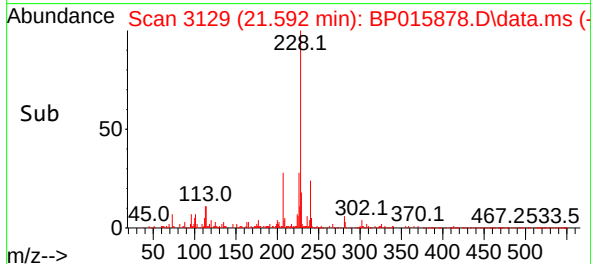
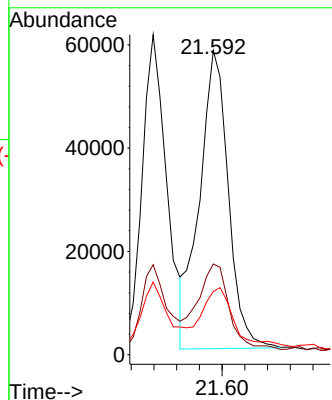
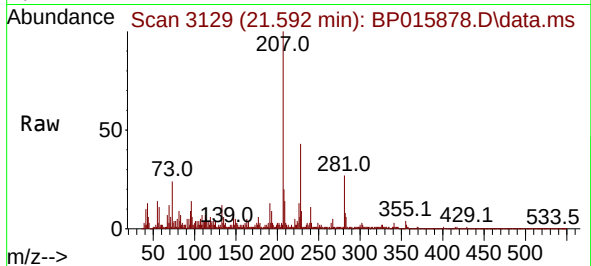
#87
Chrysene
Concen: 1.576 ng/ul
RT: 21.592 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BP015878.D
Acq: 01 Jul 2023 10:54

Instrument :
BNA_P
Client SampleId :
DCFY5

Tgt Ion:228 Resp: 102080
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 20.8 15.5 23.3

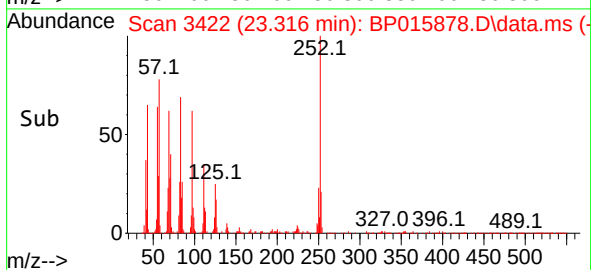
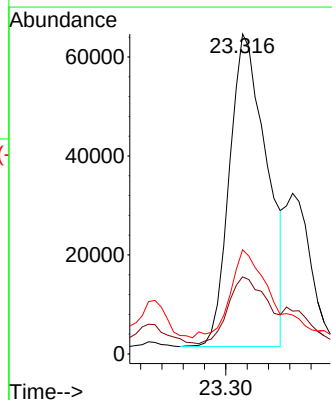
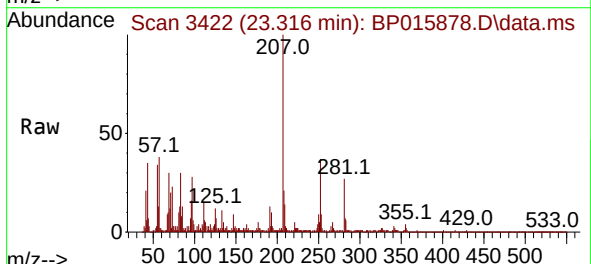
Manual Integrations
APPROVED

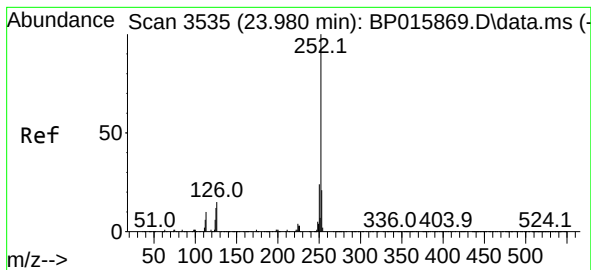
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#90
Benzo(b)fluoranthene
Concen: 2.130 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. -0.012 min
Lab File: BP015878.D
Acq: 01 Jul 2023 10:54

Tgt Ion:252 Resp: 153934
Ion Ratio Lower Upper
252 100
253 24.1 17.3 25.9
125 32.6 7.5 11.3





#93

Benzo(a)pyrene

Concen: 1.315 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.017 min

Lab File: BP015878.D

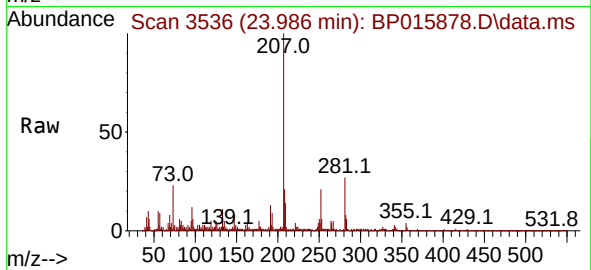
Acq: 01 Jul 2023 10:54

Instrument :

BNA_P

ClientSampleId :

DCFY5



Tgt Ion:252 Resp: 83038

Ion Ratio Lower Upper

252 100

253 25.9 17.7 26.5

125 21.5 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023

