

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015873.D
 Acq On : 01 Jul 2023 08:05
 Operator : MA/JU
 Sample : 03239-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFY4

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 00:57:49 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	292234	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.881	136	1277661	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.698	164	735919	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.463	188	1318223	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.551	240	929816	20.000	ng/u1	#-0.01
88) Perylene-d12	24.092	264	1107693	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	15032	1.851	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.240	99	266994	10.678	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	197128	12.743	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.587	132	226593	12.005	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	162068	8.205	ng/u1	0.01
21) Nitrobenzene-d5	9.246	128	107010	10.959	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	117227	10.286	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	192671	9.487	ng/u1	0.04
31) 4-Chloroaniline-d4	11.087	131	79842m	3.061	ng/u1	0.05
46) Dimethylphthalate-d6	14.116	166	704589	12.387	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	768866	12.024	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.028	143	45855m	6.109	ng/u1	0.08
60) Fluorene-d10	15.704	176	568113	12.130	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	47099	5.810	ng/u1	0.02
73) Anthracene-d10	17.569	188	732346	12.162	ng/u1	0.00
81) Pyrene-d10	19.786	212	594702	9.795	ng/u1	-0.02
92) Benzo(a)pyrene-d12	23.927	264	398723	7.136	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	299019	4.175	ng/u1	99
74) Anthracene	17.604	178	89833	1.248	ng/u1	98
80) Fluoranthene	19.463	202	719888	9.540	ng/u1#	93
82) Pyrene	19.816	202	446190	5.797	ng/u1#	90
85) Benzo(a)anthracene	21.533	228	374280	5.722	ng/u1	97
87) Chrysene	21.592	228	380673	6.134	ng/u1	98
90) Benzo(b)fluoranthene	23.310	252	623232	8.756	ng/u1#	94
91) Benzo(k)fluoranthene	23.357	252	214292m	2.980	ng/u1	
93) Benzo(a)pyrene	23.980	252	193667	3.114	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.798	276	214477	2.540	ng/u1#	94
95) Dibenzo(a,h)anthracene	26.786	278	94354	1.361	ng/u1#	77

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

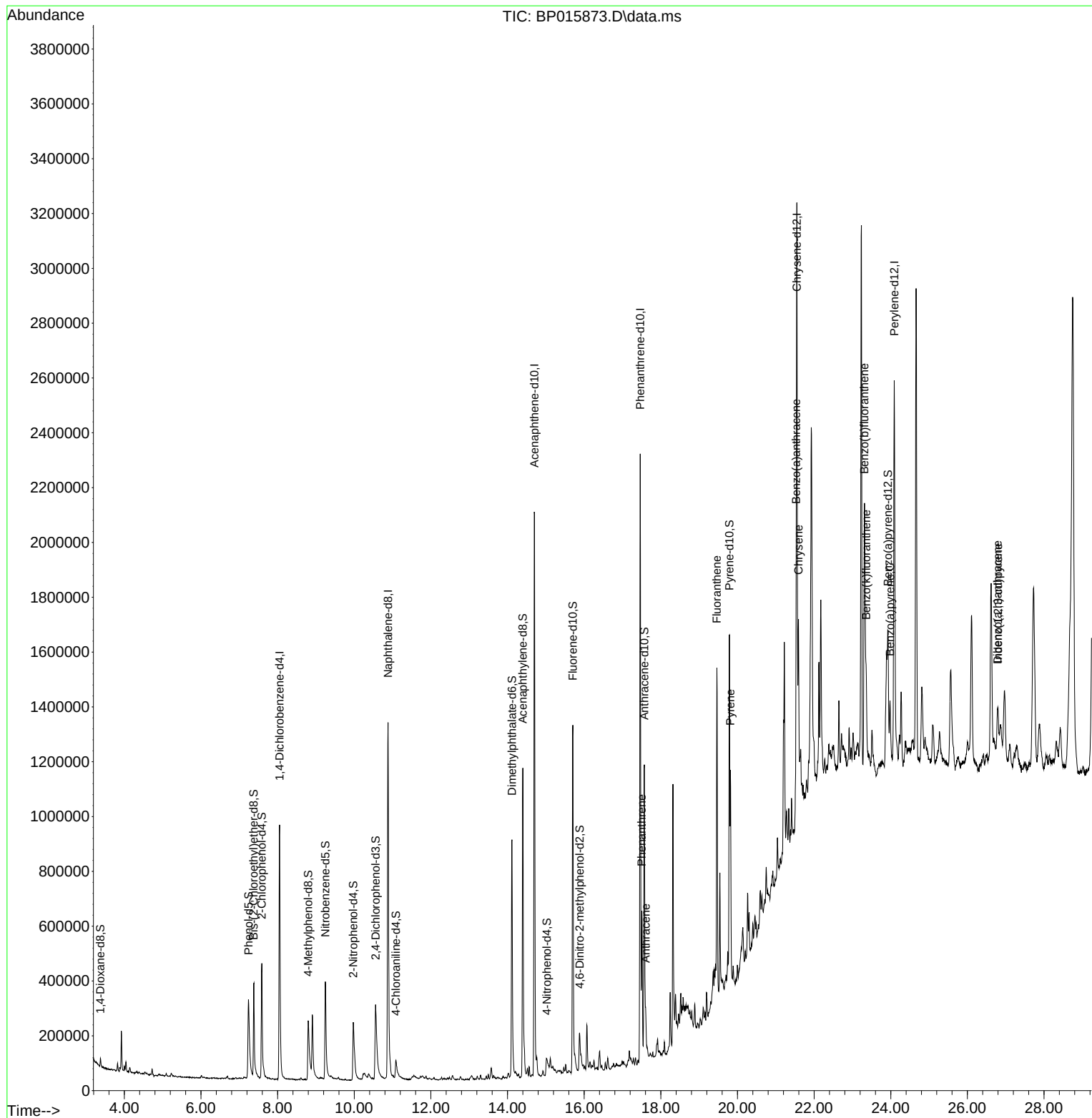
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015873.D
Acq On : 01 Jul 2023 08:05
Operator : MA/JU
Sample : 03239-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

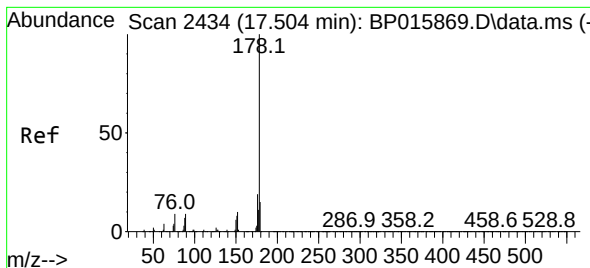
Instrument :
BNA_P
ClientSampleId :
DCFY4

Quant Time: Jul 02 00:57:49 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

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#72

Phenanthrene

Concen: 4.175 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.012 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

Instrument :

BNA_P

ClientSampleId :

DCFY4

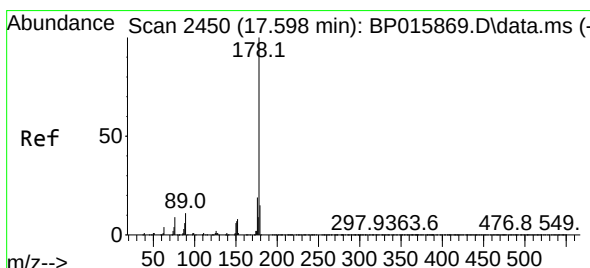
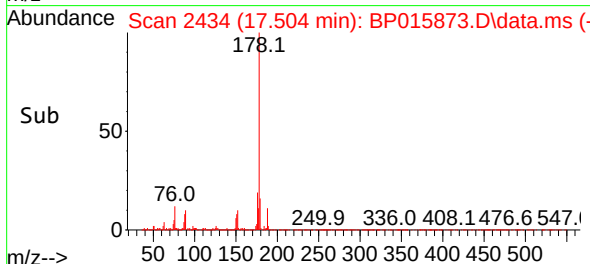
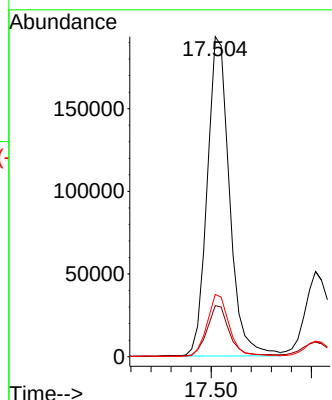
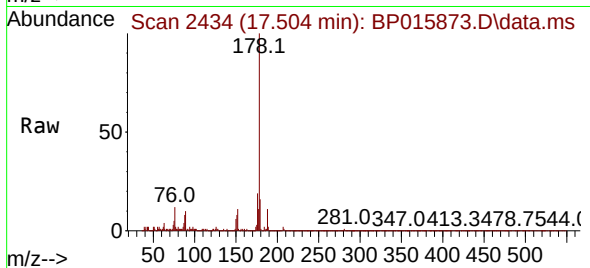
Tgt Ion:	178	Resp:	299019
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.4	18.6
176	19.5	15.6	23.4

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Supervised By :Sohil Jodhani 07/02/2023



#74

Anthracene

Concen: 1.248 ng/ul

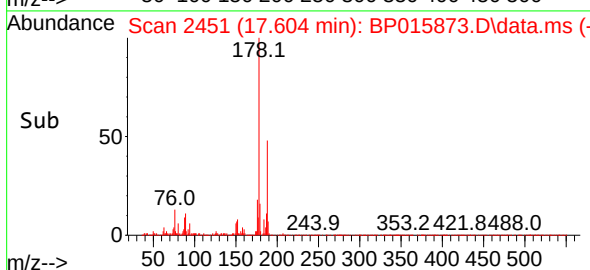
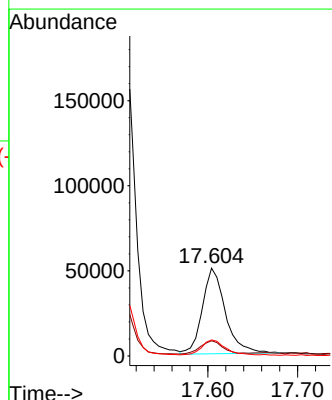
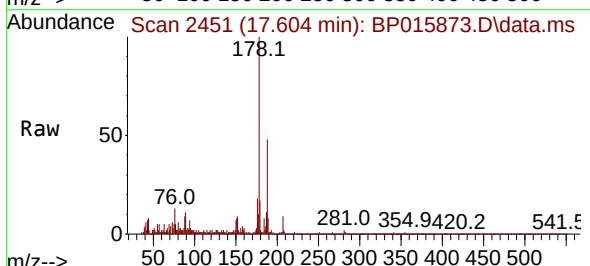
RT: 17.604 min Scan# 2451

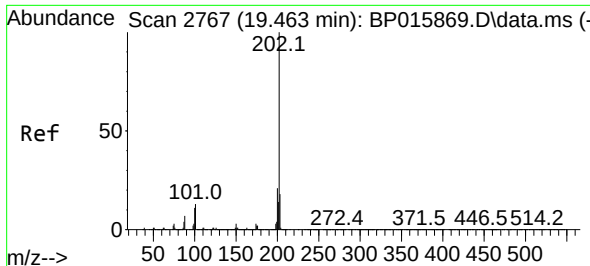
Delta R.T. -0.006 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

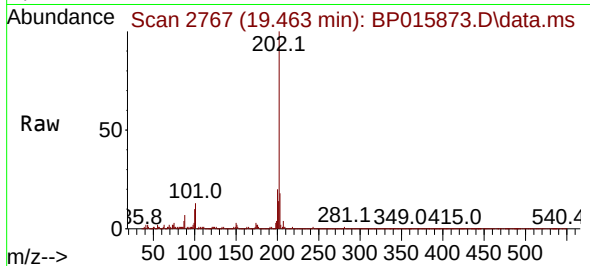
Tgt Ion:	178	Resp:	89833
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.1	18.1
176	18.3	14.6	22.0





#80
Fluoranthene
Concen: 9.540 ng/ul
RT: 19.463 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP015873.D
Acq: 01 Jul 2023 08:05

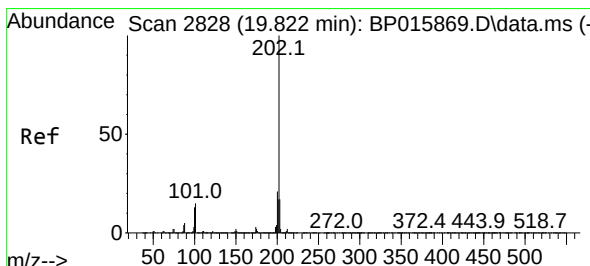
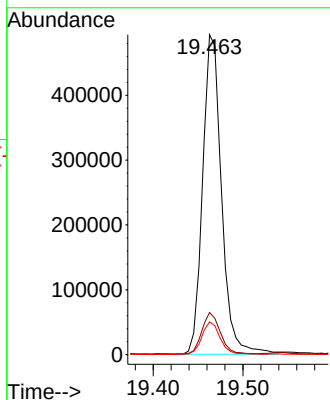
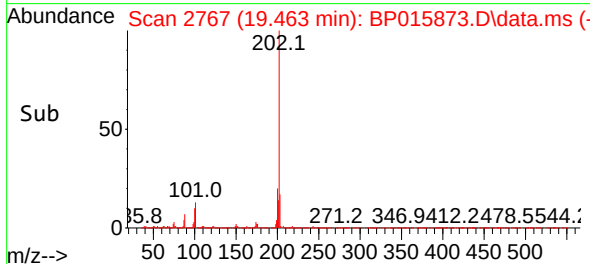
Instrument :
BNA_P
ClientSampleId :
DCFY4



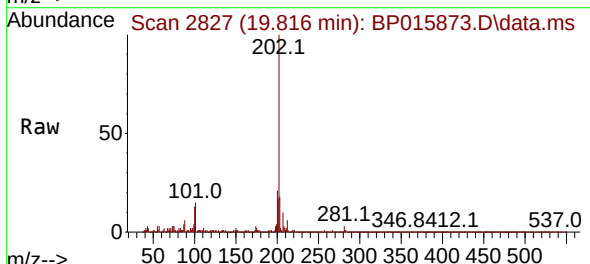
Tgt Ion:202 Resp: 71988
Ion Ratio Lower Upper
202 100
101 13.2 8.3 12.5
100 10.3 6.6 9.8

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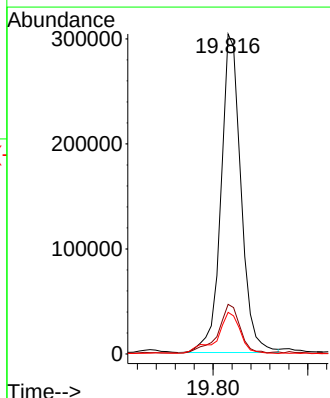
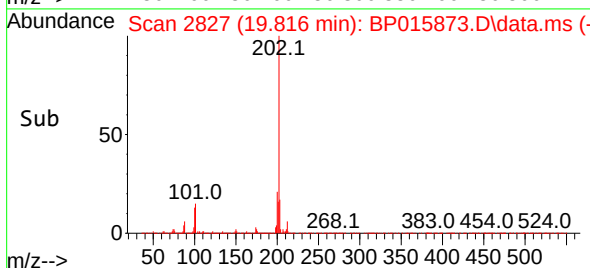
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

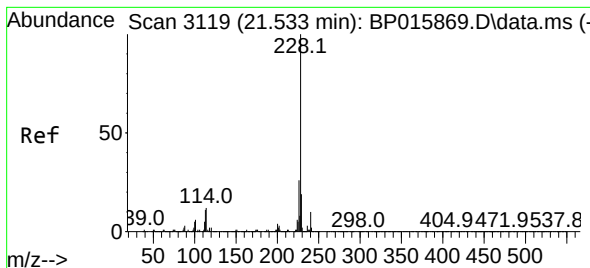


#82
Pyrene
Concen: 5.797 ng/ul
RT: 19.816 min Scan# 2827
Delta R.T. -0.018 min
Lab File: BP015873.D
Acq: 01 Jul 2023 08:05



Tgt Ion:202 Resp: 446190
Ion Ratio Lower Upper
202 100
101 15.5 9.3 13.9#
100 13.0 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 5.722 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

Instrument :

BNA_P

ClientSampleId :

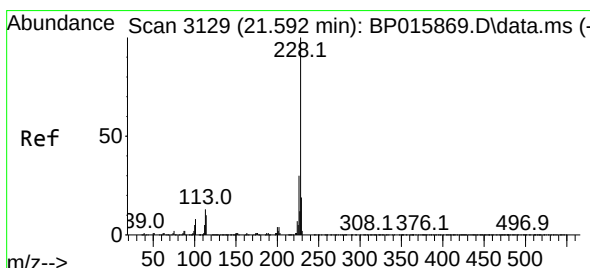
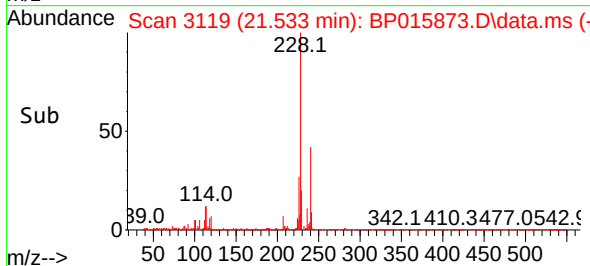
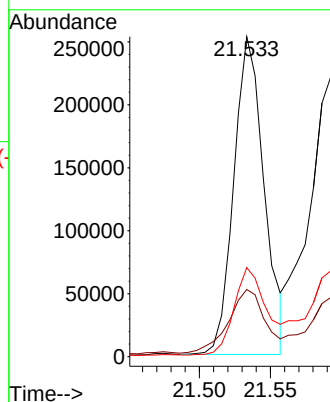
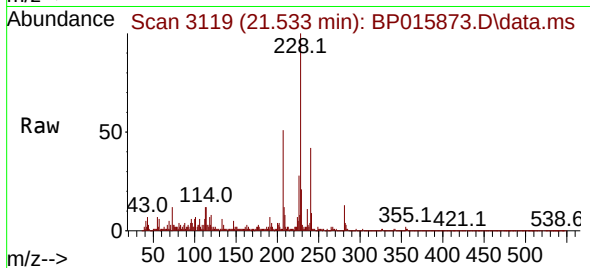
DCFY4

Tgt Ion:228 Resp: 374280
 Ion Ratio Lower Upper
 228 100
 229 21.0 15.3 22.9
 226 27.9 21.4 32.0

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 Supervised By :Sohil Jodhani 07/02/2023



#87

Chrysene

Concen: 6.134 ng/ul

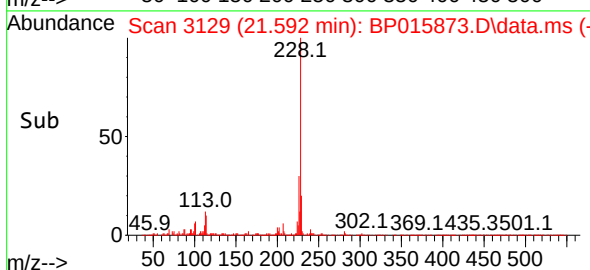
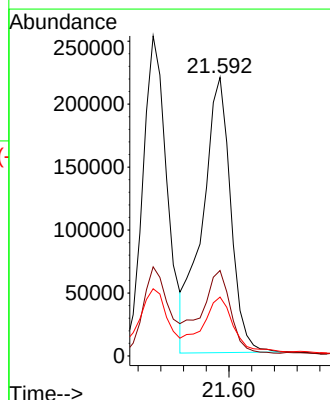
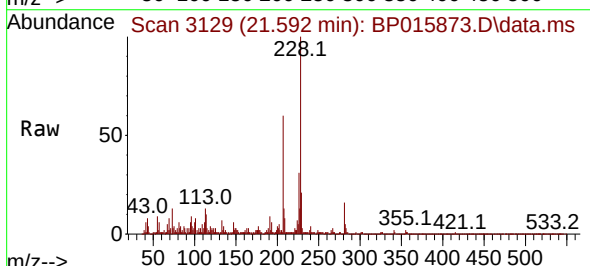
RT: 21.592 min Scan# 3129

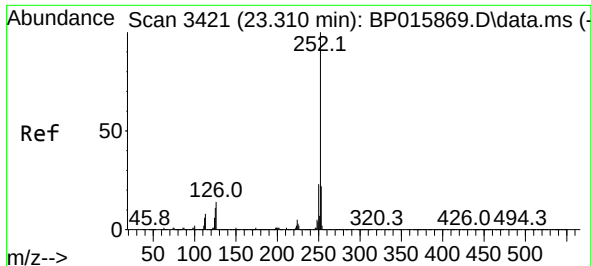
Delta R.T. -0.012 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

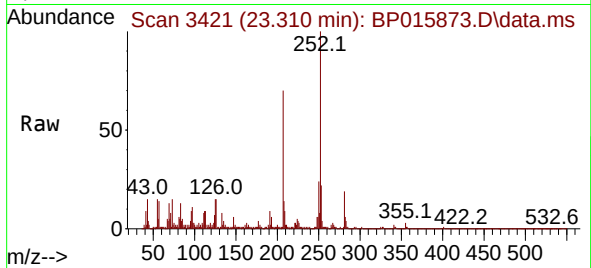
Tgt Ion:228 Resp: 380673
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.3 36.5
 229 21.1 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 8.756 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. -0.018 min
Lab File: BP015873.D
Acq: 01 Jul 2023 08:05

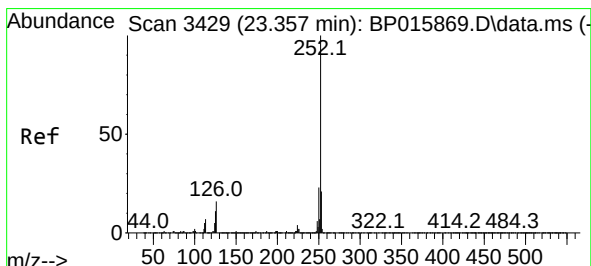
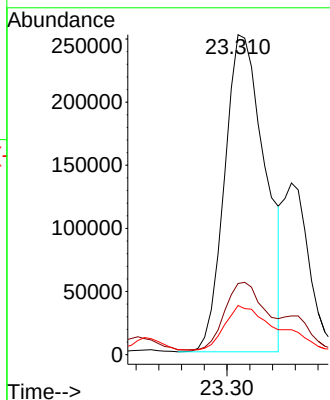
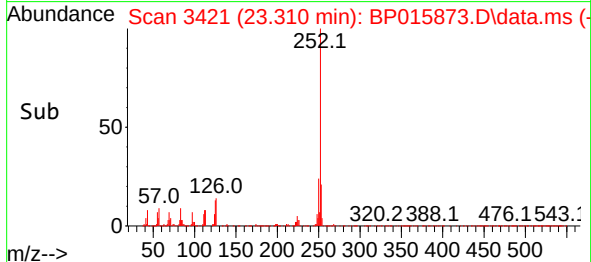
Instrument :
BNA_P
ClientSampleId :
DCFY4



Tgt Ion:252 Resp: 62323
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 15.3 7.5 11.3

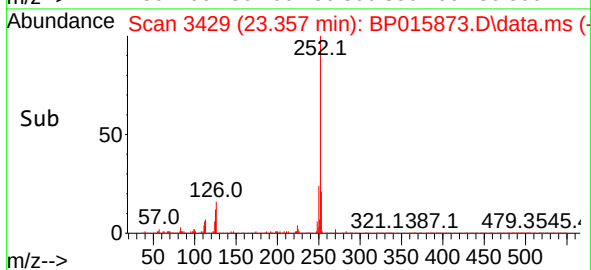
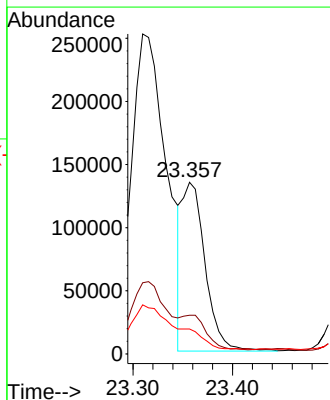
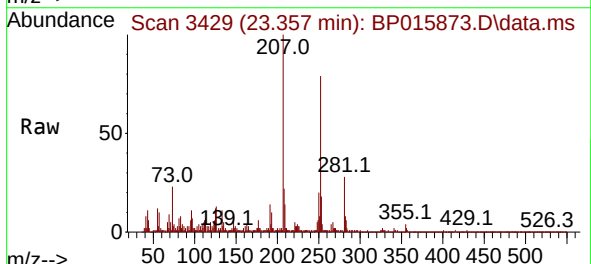
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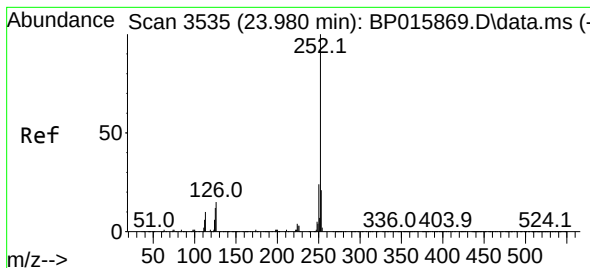
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#91
Benzo(k)fluoranthene
Concen: 2.980 ng/ul m
RT: 23.357 min Scan# 3429
Delta R.T. -0.023 min
Lab File: BP015873.D
Acq: 01 Jul 2023 08:05

Tgt Ion:252 Resp: 214292
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 14.5 7.3 10.9





#93

Benzo(a)pyrene

Concen: 3.114 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. -0.023 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

Instrument :

BNA_P

ClientSampleId :

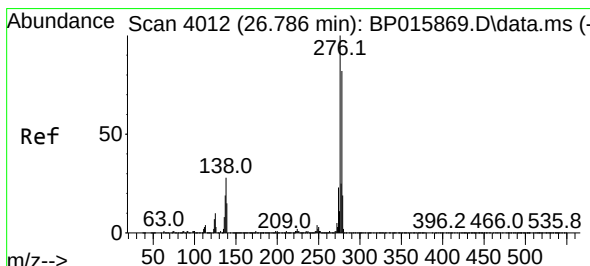
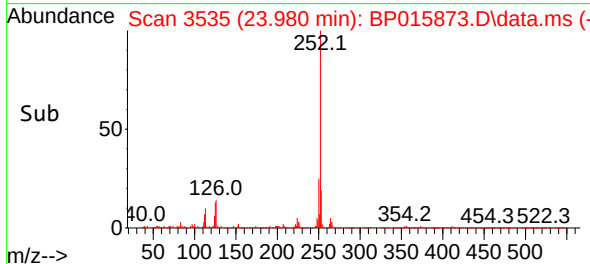
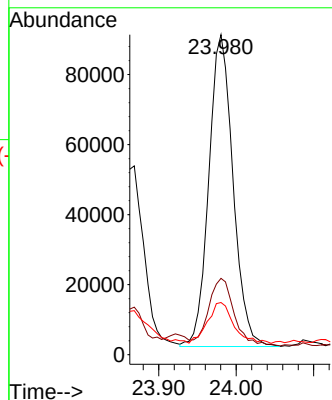
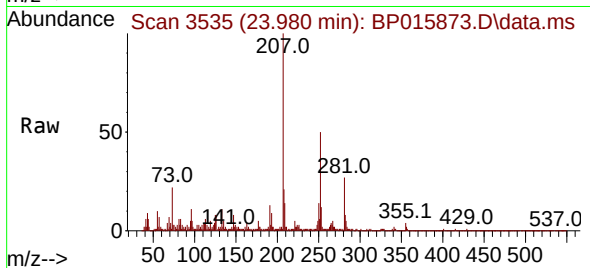
DCFY4

Tgt Ion:	252	Resp:	19366
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.7	26.5
125	16.3	8.2	12.2

Manual Integrations

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Supervised By :Sohil Jodhani 07/02/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.540 ng/ul

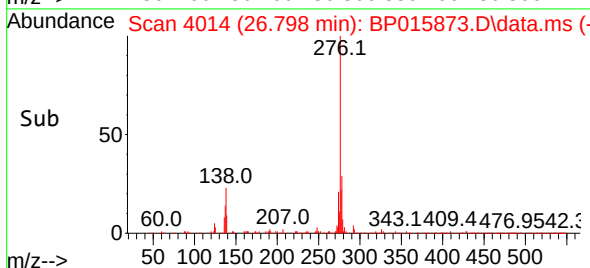
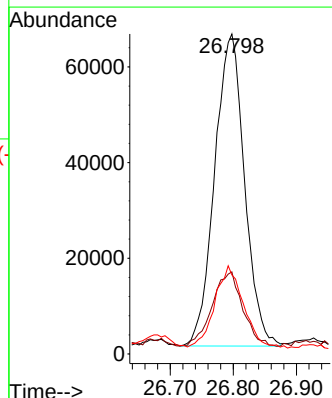
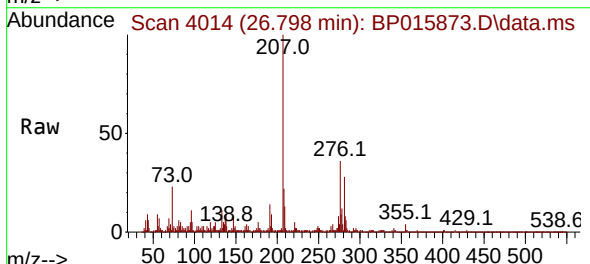
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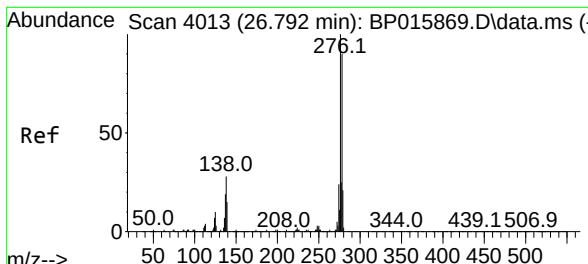
Delta R.T. -0.018 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

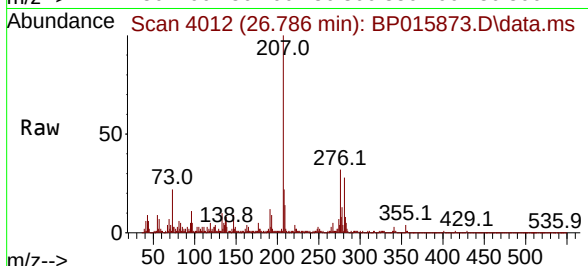
Tgt Ion:	276	Resp:	214477
Ion Ratio	Lower	Upper	
276	100		
138	25.7	15.7	23.5
277	24.7	19.6	29.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.361 ng/ul
 RT: 26.786 min Scan# 4012
 Delta R.T. -0.041 min
 Lab File: BP015873.D
 Acq: 01 Jul 2023 08:05

Instrument :
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Tgt Ion: 278 Resp: 94354
 Ion Ratio Lower Upper
 278 100
 139 24.3 10.5 15.7
 279 32.8 18.4 27.6

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