

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015874.D
 Acq On : 01 Jul 2023 08:38
 Operator : MA/JU
 Sample : 03239-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFY9

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 01:05:37 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	313963	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.875	136	1340326	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.698	164	776518	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.463	188	1454444	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.551	240	962667	20.000	ng/u1	-0.01
88) Perylene-d12	24.092	264	1139402	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	24099	2.762	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.234	99	464771	17.301	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	315993	19.013	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.581	132	378293	18.655	ng/u1	-0.01
15) 4-Methylphenol-d8	8.787	113	326255	15.374	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	183609	17.925	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	199782	16.711	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	336473	15.794	ng/u1	0.02
31) 4-Chloroaniline-d4	11.069	131	103753m	3.791	ng/u1	0.03
46) Dimethylphthalate-d6	14.110	166	1133490	18.886	ng/u1	-0.01
49) Acenaphthylene-d8	14.398	160	1277712	18.938	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.998	143	94710m	11.958	ng/u1	0.05
60) Fluorene-d10	15.698	176	922072	18.658	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.869	200	80736	9.026	ng/u1	0.01
73) Anthracene-d10	17.563	188	1245459	18.747	ng/u1	-0.01
81) Pyrene-d10	19.786	212	1076069	17.118	ng/u1	-0.02
92) Benzo(a)pyrene-d12	23.921	264	793216	13.801	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	515228	6.521	ng/u1	99
74) Anthracene	17.604	178	101339	1.276	ng/u1	98
80) Fluoranthene	19.463	202	1349990	17.280	ng/u1#	93
82) Pyrene	19.816	202	895625	11.239	ng/u1#	89
85) Benzo(a)anthracene	21.533	228	527620	7.791	ng/u1	96
87) Chrysene	21.586	228	612937	9.540	ng/u1	97
90) Benzo(b)fluoranthene	23.310	252	986371	13.473	ng/u1#	93
91) Benzo(k)fluoranthene	23.357	252	307449m	4.156	ng/u1	
93) Benzo(a)pyrene	23.974	252	382584	5.981	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.792	276	394068	4.538	ng/u1#	93
95) Dibenzo(a,h)anthracene	26.792	278	139094	1.950	ng/u1#	77

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

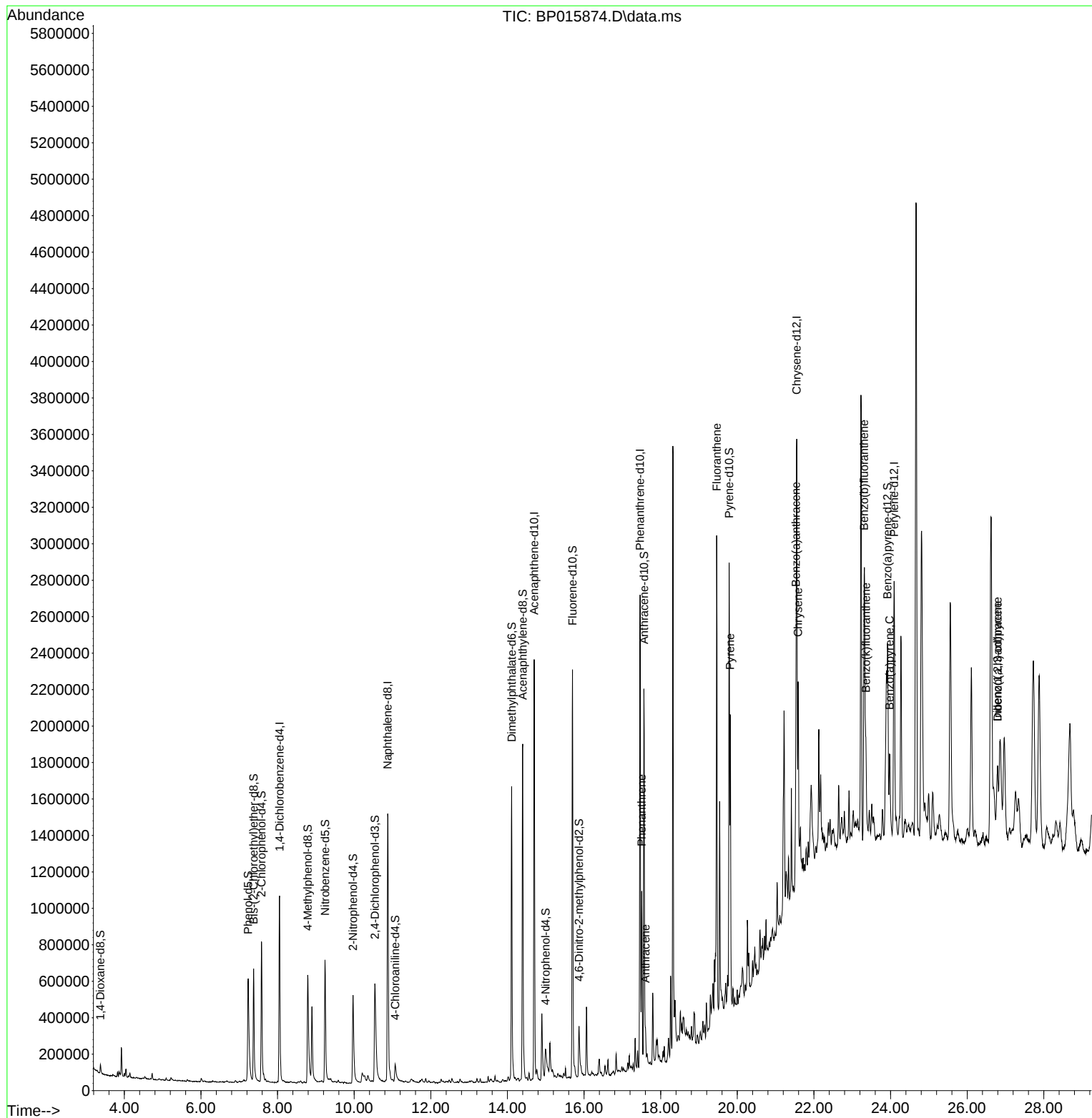
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015874.D
Acq On : 01 Jul 2023 08:38
Operator : MA/JU
Sample : 03239-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

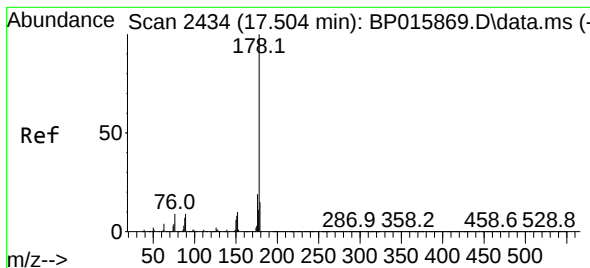
Instrument :
BNA_P
ClientSampleId :
DCFY9

Quant Time: Jul 02 01:05:37 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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Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#72

Phenanthrene

Concen: 6.521 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.012 min

Lab File: BP015874.D

Acq: 01 Jul 2023 08:38

Instrument :

BNA_P

ClientSampleId :

DCFY9

Tgt Ion:178 Resp: 515228

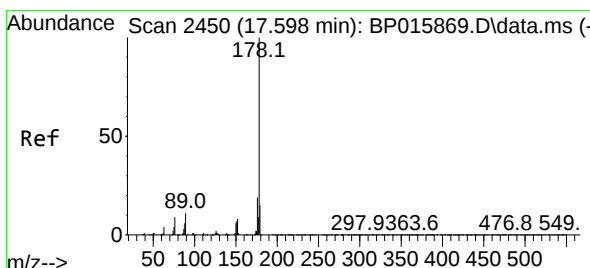
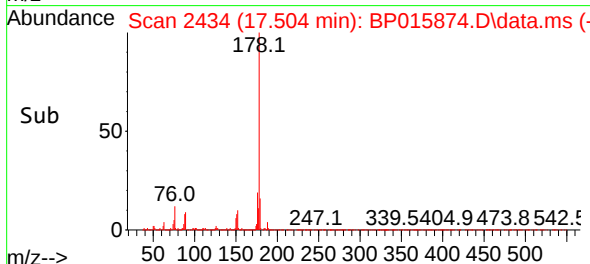
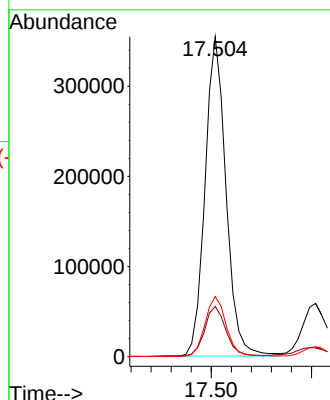
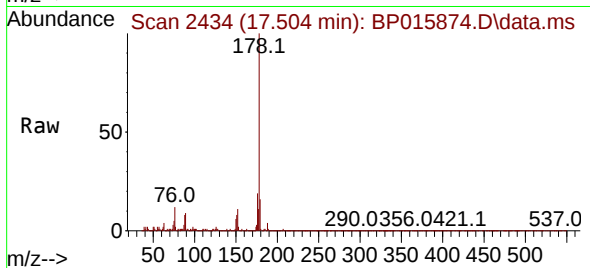
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.8	15.6	23.4

Manual Integrations

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Supervised By :Sohil Jodhani 07/02/2023



#74

Anthracene

Concen: 1.276 ng/ul

RT: 17.604 min Scan# 2451

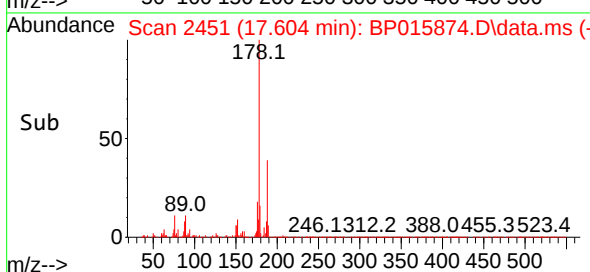
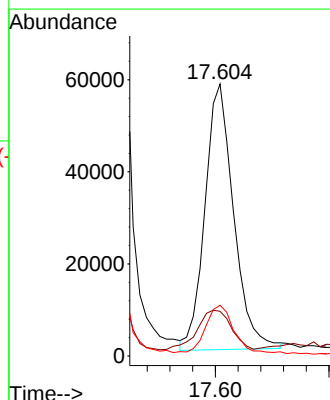
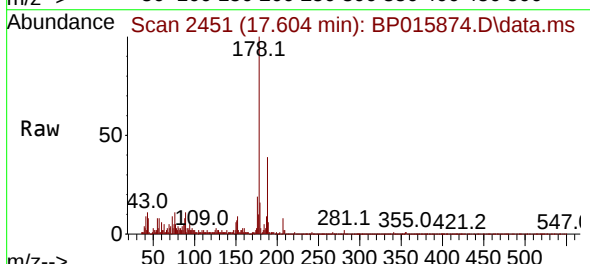
Delta R.T. -0.006 min

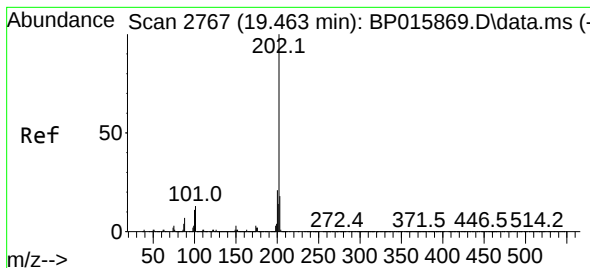
Lab File: BP015874.D

Acq: 01 Jul 2023 08:38

Tgt Ion:178 Resp: 101339

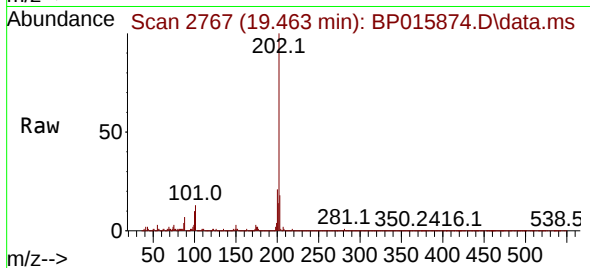
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.1	18.1
176	18.7	14.6	22.0





#80
Fluoranthene
Concen: 17.280 ng/ul
RT: 19.463 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP015874.D
Acq: 01 Jul 2023 08:38

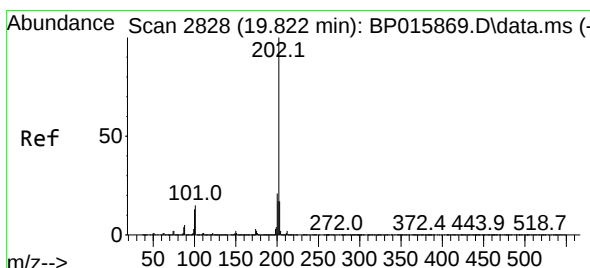
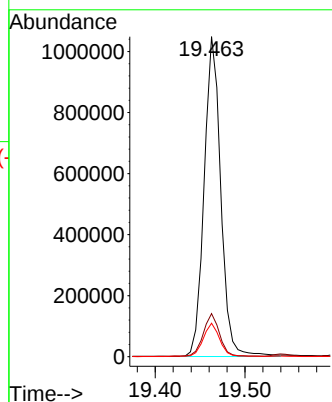
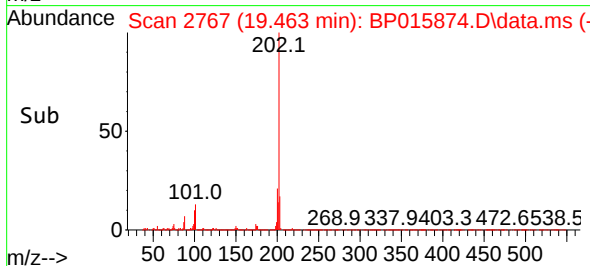
Instrument :
BNA_P
ClientSampleId :
DCFY9



Tgt Ion:202 Resp: 1349990
Ion Ratio Lower Upper
202 100
101 13.5 8.3 12.5
100 10.5 6.6 9.8

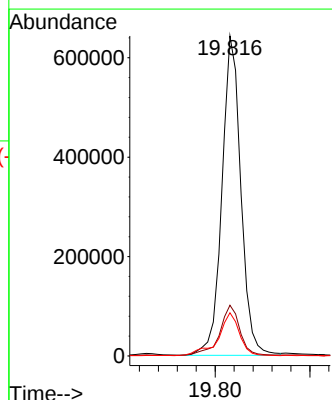
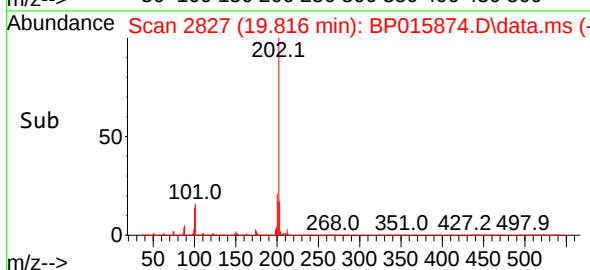
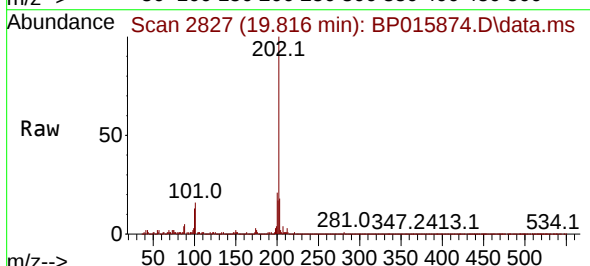
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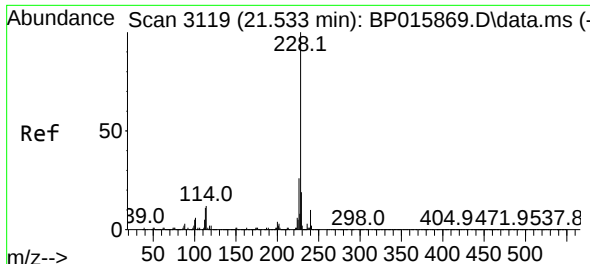
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#82
Pyrene
Concen: 11.239 ng/ul
RT: 19.816 min Scan# 2827
Delta R.T. -0.018 min
Lab File: BP015874.D
Acq: 01 Jul 2023 08:38

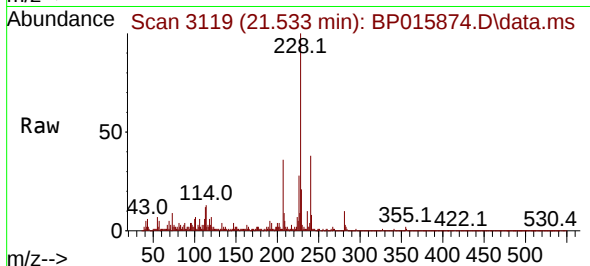
Tgt Ion:202 Resp: 895625
Ion Ratio Lower Upper
202 100
101 15.8 9.3 13.9#
100 13.5 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 7.791 ng/uI
RT: 21.533 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BP015874.D
Acq: 01 Jul 2023 08:38

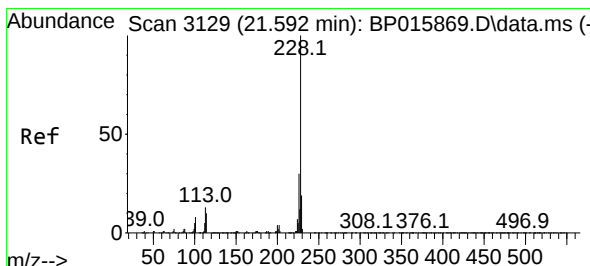
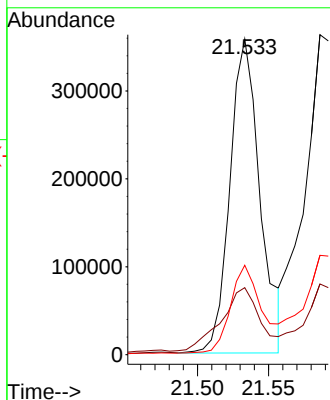
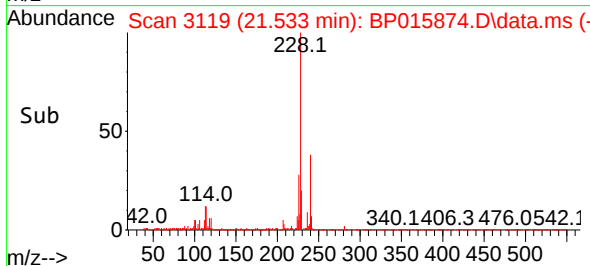
Instrument :
BNA_P
ClientSampleId :
DCFY9



Tgt Ion:228 Resp: 527620
Ion Ratio Lower Upper
228 100
229 21.2 15.3 22.9
226 28.3 21.4 32.0

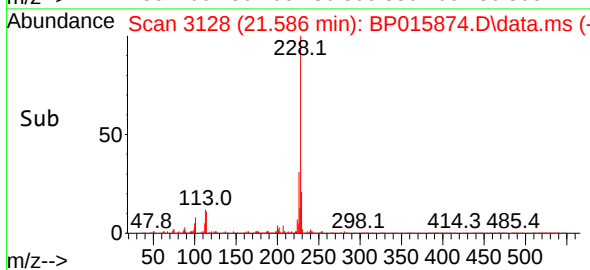
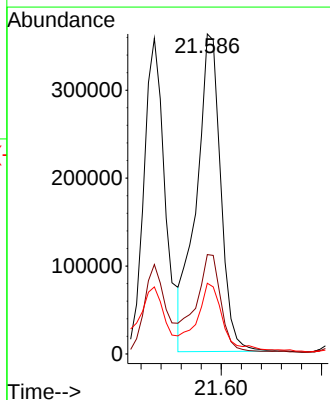
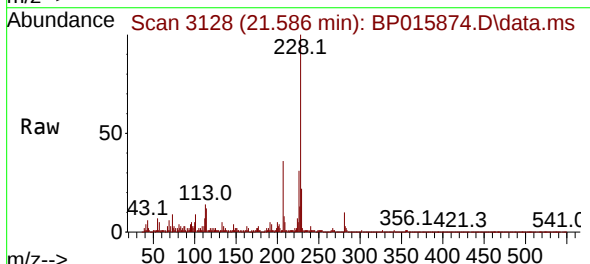
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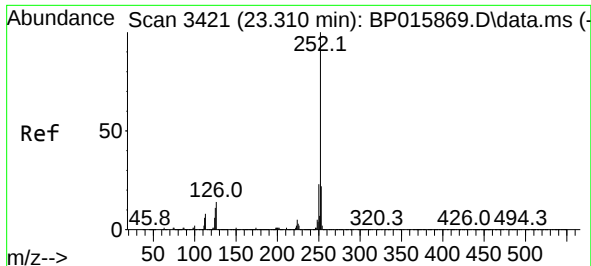
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#87
Chrysene
Concen: 9.540 ng/uI
RT: 21.586 min Scan# 3128
Delta R.T. -0.018 min
Lab File: BP015874.D
Acq: 01 Jul 2023 08:38

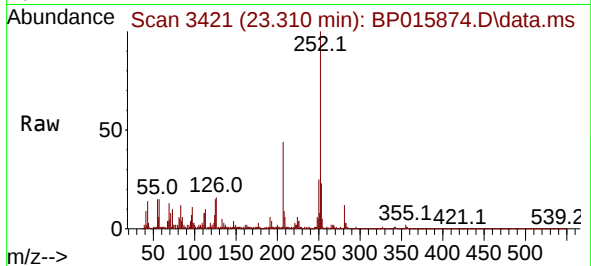
Tgt Ion:228 Resp: 612937
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 22.1 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 13.473 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. -0.018 min
Lab File: BP015874.D
Acq: 01 Jul 2023 08:38

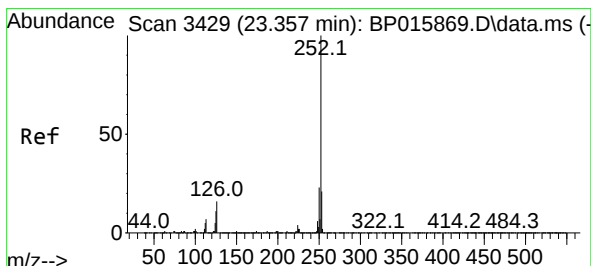
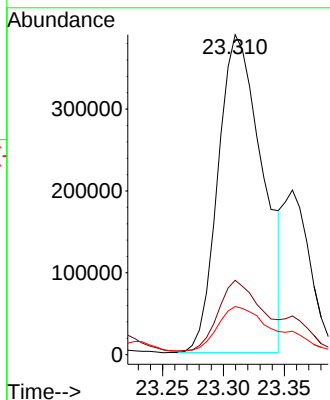
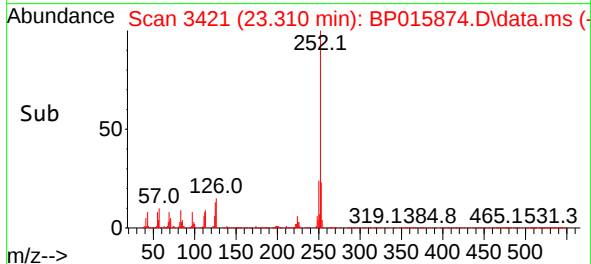
Instrument :
BNA_P
ClientSampleId :
DCFY9



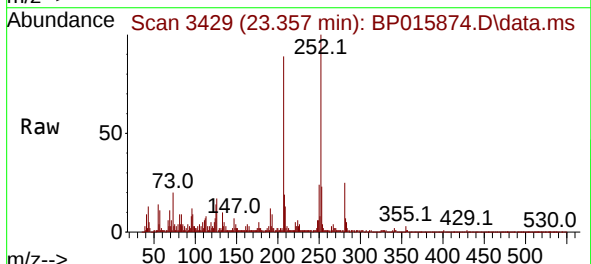
Tgt Ion:252 Resp: 98637
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 15.0 7.5 11.3

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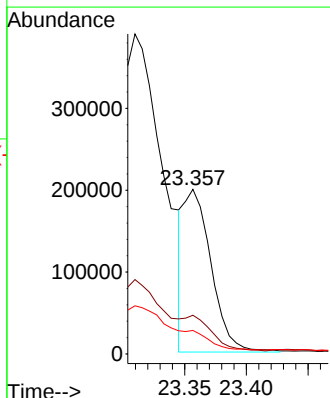
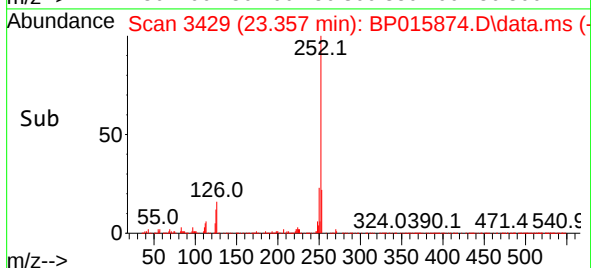
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

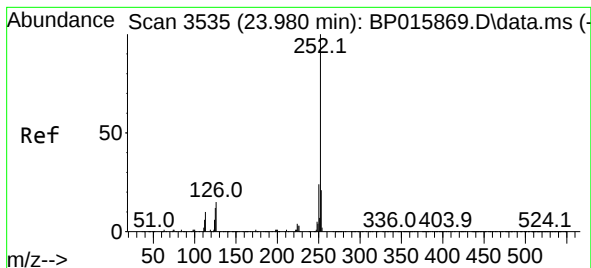


#91
Benzo(k)fluoranthene
Concen: 4.156 ng/ul m
RT: 23.357 min Scan# 3429
Delta R.T. -0.024 min
Lab File: BP015874.D
Acq: 01 Jul 2023 08:38



Tgt Ion:252 Resp: 307449
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.4
125 14.3 7.3 10.9





#93

Benzo(a)pyrene

Concen: 5.981 ng/ul

RT: 23.974 min Scan# 3535

Delta R.T. -0.029 min

Lab File: BP015874.D

Acq: 01 Jul 2023 08:38

Instrument :

BNA_P

ClientSampleId :

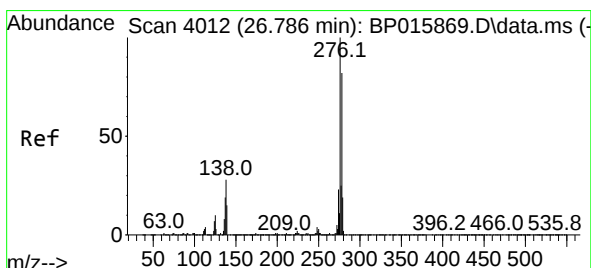
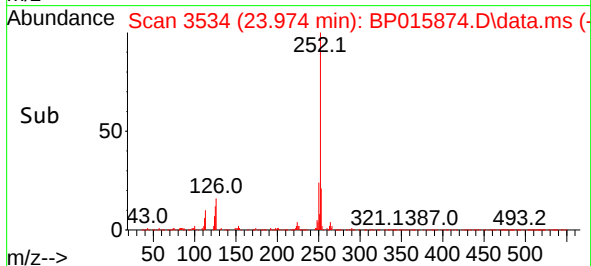
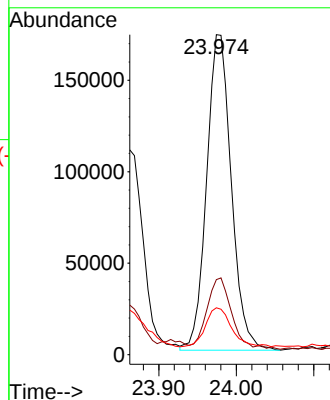
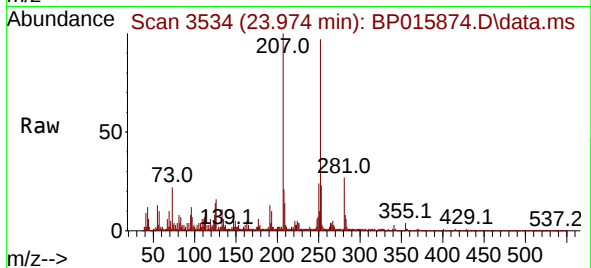
DCFY9

Tgt Ion:252	Resp: 382584
Ion Ratio	Lower Upper
252 100	
253 23.5	17.7 26.5
125 14.6	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: 4.538 ng/ul

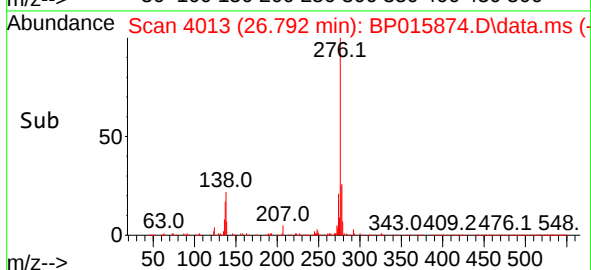
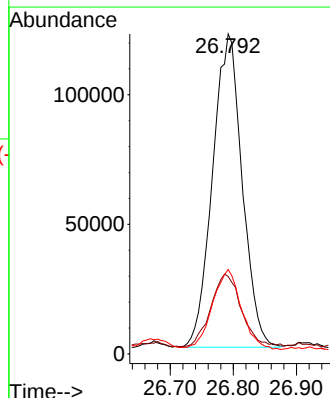
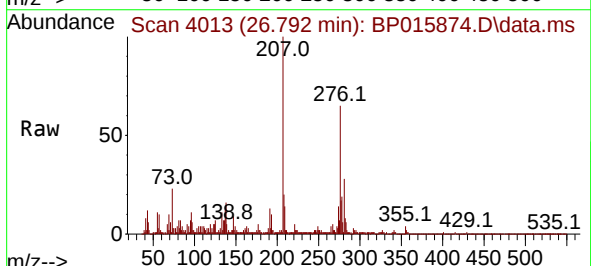
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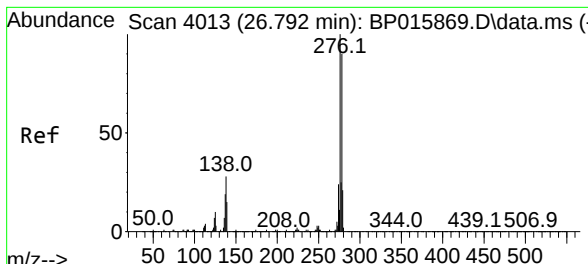
Delta R.T. -0.024 min

Lab File: BP015874.D

Acq: 01 Jul 2023 08:38

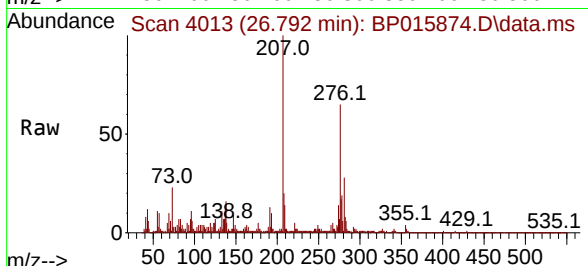
Tgt Ion:276	Resp: 394068
Ion Ratio	Lower Upper
276 100	
138 24.2	15.7 23.5
277 26.4	19.6 29.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.950 ng/ul
 RT: 26.792 min Scan# 4013
 Delta R.T. -0.035 min
 Lab File: BP015874.D
 Acq: 01 Jul 2023 08:38

Instrument :
 BNA_P
 ClientSampleId :
 DCFY9



Tgt Ion: 278 Resp: 139094
 Ion Ratio Lower Upper
 278 100
 139 25.4 10.5 15.7
 279 32.1 18.4 27.6

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