

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015875.D
 Acq On : 01 Jul 2023 09:12
 Operator : MA/JU
 Sample : 03239-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFZ1

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 01:12:07 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	285458	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.881	136	1208079	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.704	164	669169	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.463	188	1171022	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	907955	20.000	ng/ul	#-0.01
88) Perylene-d12	24.092	264	1113845	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	15057	1.898	ng/uL	-0.01
4) Pyridine-d5	3.828	84	156183	7.809	ng/ul	0.00
7) Phenol-d5	7.240	99	288065	11.794	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	205858	13.623	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.587	132	236157	12.809	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	178013	9.226	ng/ul	0.01
21) Nitrobenzene-d5	9.246	128	108289	11.729	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	123821	11.491	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	202069	10.523	ng/ul	0.04
31) 4-Chloroaniline-d4	11.075	131	120554m	4.887	ng/ul	0.04
46) Dimethylphthalate-d6	14.110	166	717900	13.880	ng/ul	-0.01
49) Acenaphthylene-d8	14.398	160	794612	13.667	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.016	143	60671m	8.889	ng/ul	0.07
60) Fluorene-d10	15.704	176	569225	13.366	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	35607m	4.944	ng/ul	0.02
73) Anthracene-d10	17.569	188	748317	13.990	ng/ul	0.00
81) Pyrene-d10	19.786	212	794786	13.406	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.921	264	820367	14.601	ng/ul	-0.02
Target Compounds					Qvalue	
50) Acenaphthylene	14.428	152	85937	1.341	ng/ul	99
72) Phenanthrene	17.504	178	513065	8.065	ng/ul	100
74) Anthracene	17.604	178	116534	1.823	ng/ul	97
80) Fluoranthene	19.463	202	1510461	20.500	ng/ul#	93
82) Pyrene	19.816	202	1222053	16.259	ng/ul#	90
85) Benzo(a)anthracene	21.533	228	748371	11.717	ng/ul	96
87) Chrysene	21.586	228	814854	13.447	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	1272318	17.777	ng/ul#	95
91) Benzo(k)fluoranthene	23.357	252	398453m	5.510	ng/ul	
93) Benzo(a)pyrene	23.980	252	778229	12.444	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.786	276	614129	7.234	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.780	278	177427	2.544	ng/ul#	76
96) Benzo(g,h,i)perylene	27.621	276	540591	7.740	ng/ul#	95

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

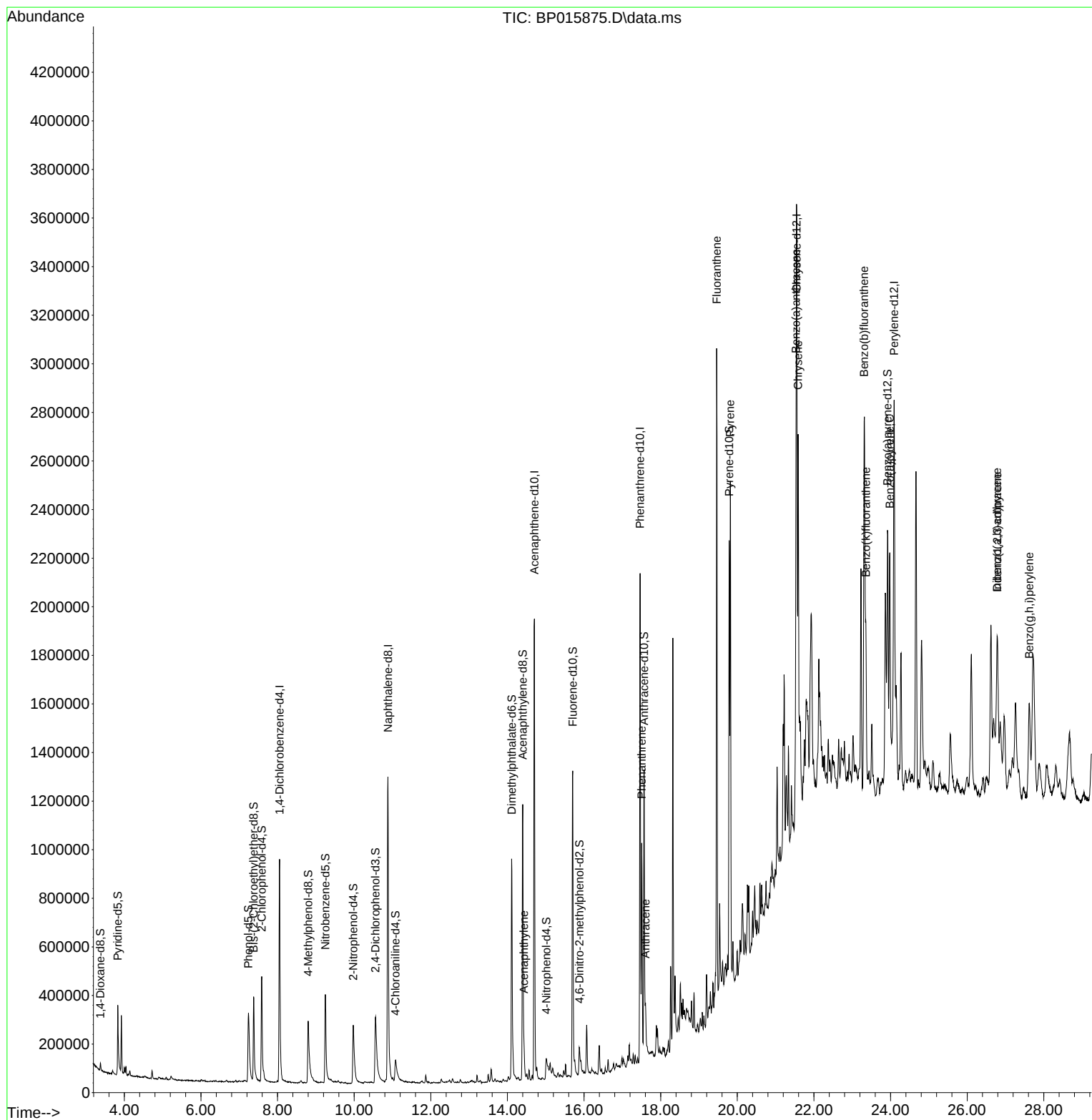
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015875.D
Acq On : 01 Jul 2023 09:12
Operator : MA/JU
Sample : 03239-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

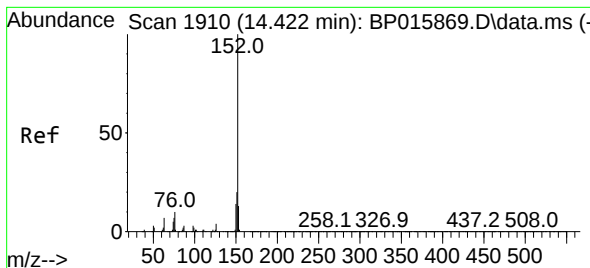
Instrument :
BNA_P
ClientSampleId :
DCFZ1

Quant Time: Jul 02 01:12:07 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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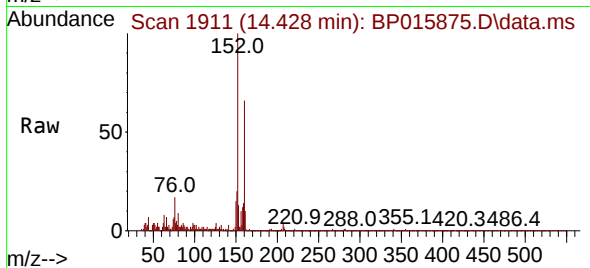
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#50
Acenaphthylene
Concen: 1.341 ng/ul
RT: 14.428 min Scan# 1910
Delta R.T. -0.012 min
Lab File: BP015875.D
Acq: 01 Jul 2023 09:12

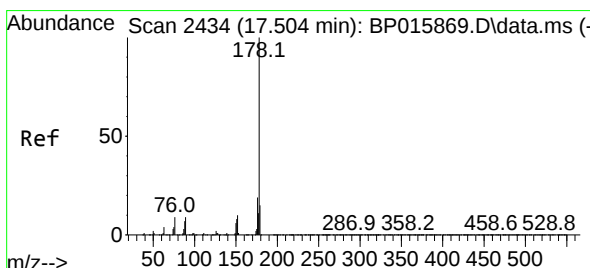
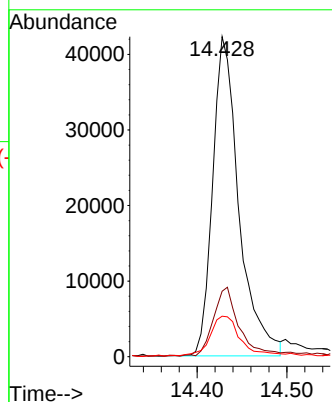
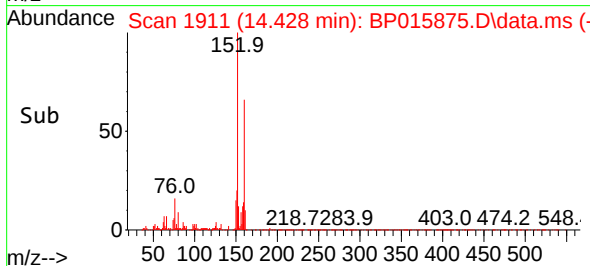
Instrument :
BNA_P
ClientSampleId :
DCFZ1



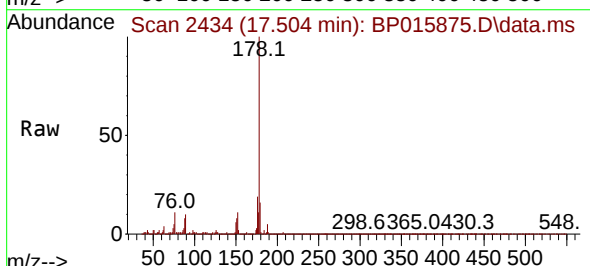
Tgt Ion:152 Resp: 8593
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 12.7 10.5 15.7

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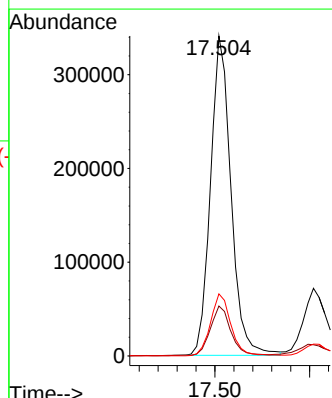
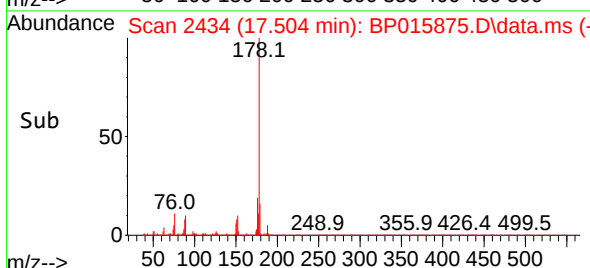
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

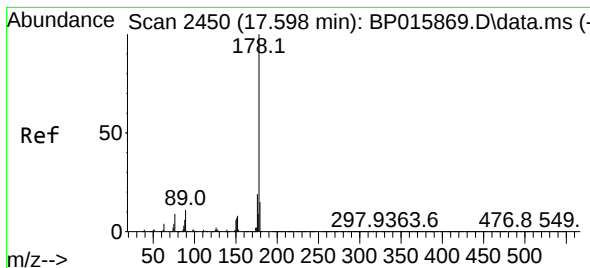


#72
Phenanthrene
Concen: 8.065 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BP015875.D
Acq: 01 Jul 2023 09:12



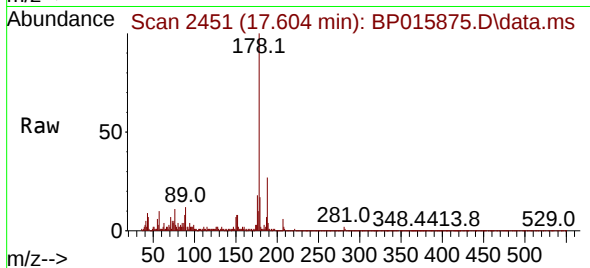
Tgt Ion:178 Resp: 513065
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.4 15.6 23.4





#74
 Anthracene
 Concen: 1.823 ng/ul
 RT: 17.604 min Scan# 2450
 Delta R.T. -0.006 min
 Lab File: BP015875.D
 Acq: 01 Jul 2023 09:12

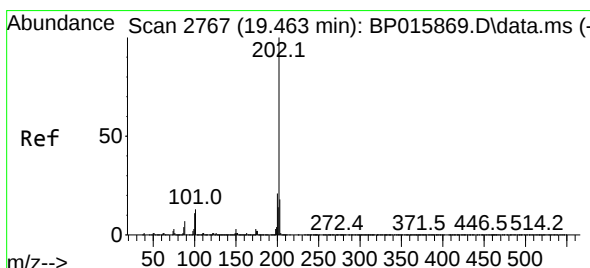
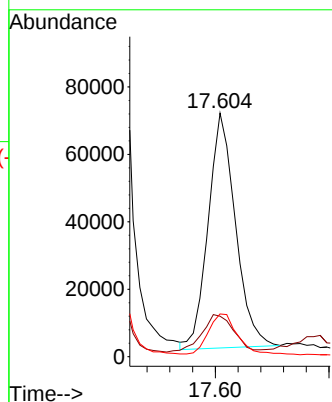
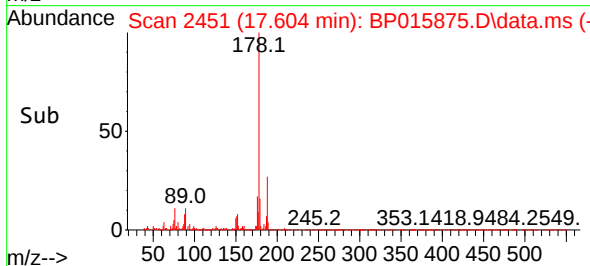
Instrument :
 BNA_P
 ClientSampleId :
 DCFZ1



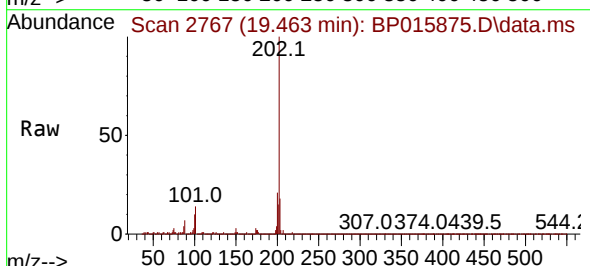
Tgt Ion:178 Resp: 116534
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.1 18.1
 176 17.5 14.6 22.0

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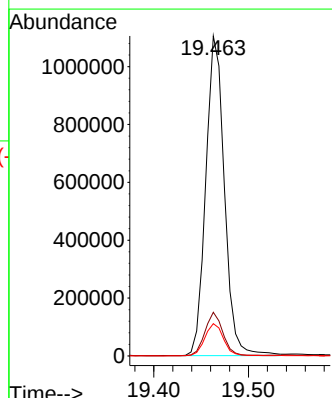
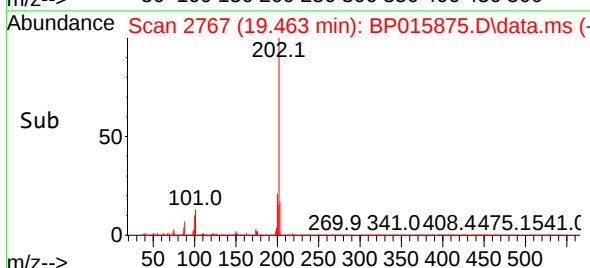
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

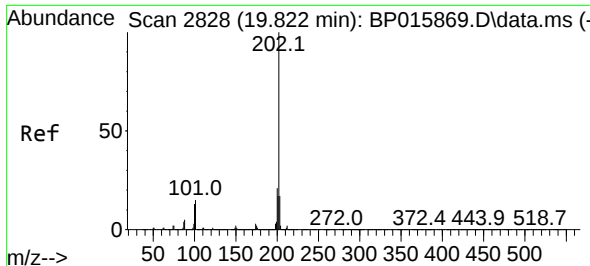


#80
 Fluoranthene
 Concen: 20.500 ng/ul
 RT: 19.463 min Scan# 2767
 Delta R.T. -0.012 min
 Lab File: BP015875.D
 Acq: 01 Jul 2023 09:12



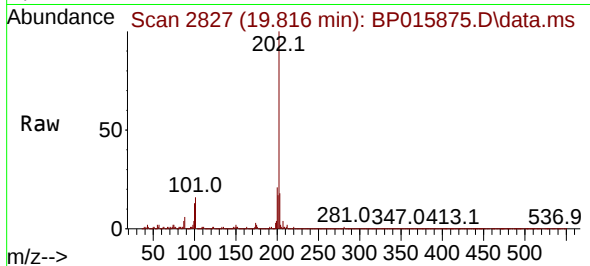
Tgt Ion:202 Resp: 1510461
 Ion Ratio Lower Upper
 202 100
 101 13.7 8.3 12.5#
 100 10.1 6.6 9.8#





#82
Pyrene
Concen: 16.259 ng/ul
RT: 19.816 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP015875.D
Acq: 01 Jul 2023 09:12

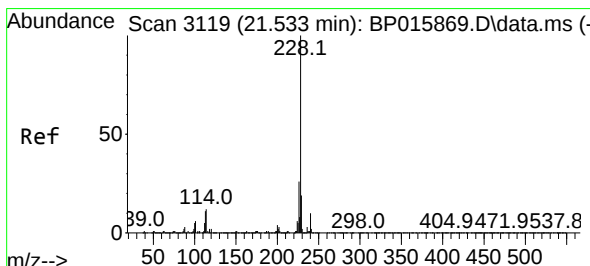
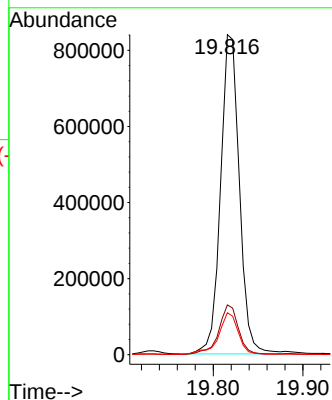
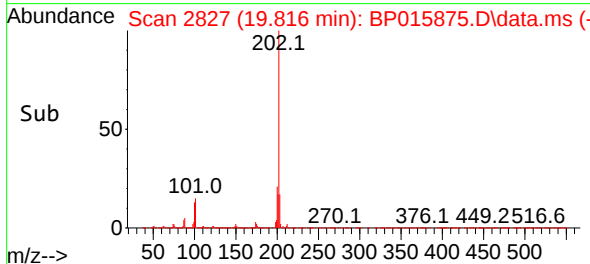
Instrument :
BNA_P
ClientSampleId :
DCFZ1



Tgt Ion:202 Resp: 122205
Ion Ratio Lower Upper
202 100
101 15.5 9.3 13.9
100 13.1 7.6 11.4

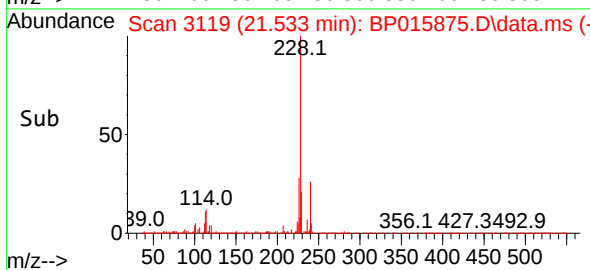
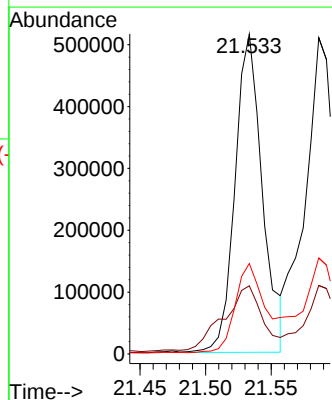
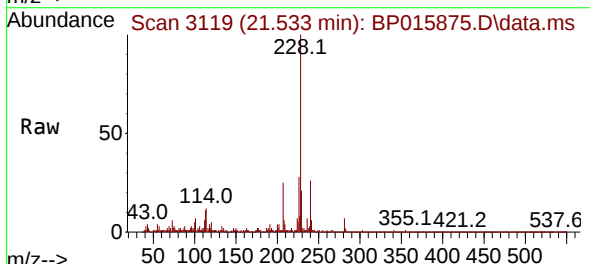
Manual Integrations
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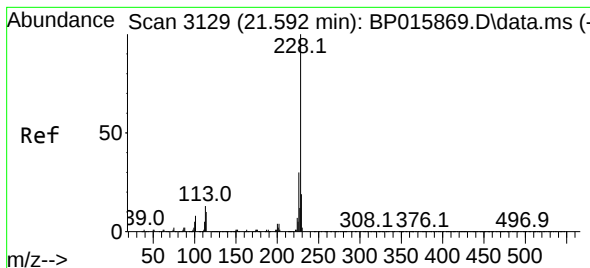
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#85
Benzo(a)anthracene
Concen: 11.717 ng/ul
RT: 21.533 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BP015875.D
Acq: 01 Jul 2023 09:12

Tgt Ion:228 Resp: 748371
Ion Ratio Lower Upper
228 100
229 21.3 15.3 22.9
226 28.3 21.4 32.0





#87

Chrysene

Concen: 13.447 ng/ul

RT: 21.586 min Scan# 3129

Delta R.T. -0.018 min

Lab File: BP015875.D

Acq: 01 Jul 2023 09:12

Instrument :

BNA_P

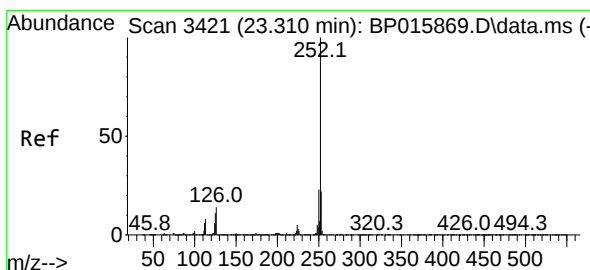
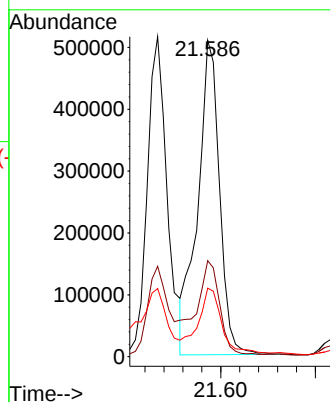
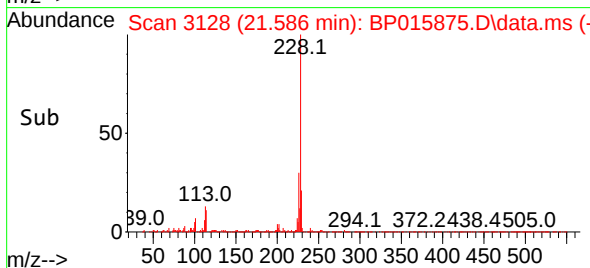
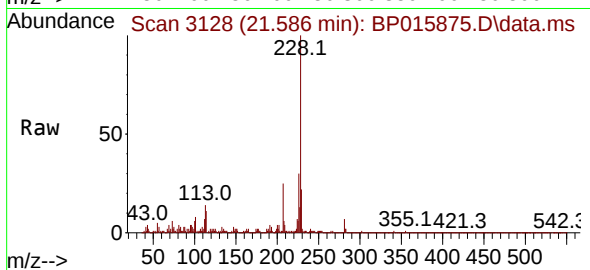
ClientSampleId :

DCFZ1

Tgt Ion:228 Resp: 814854
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.3 36.5
 229 21.7 15.5 23.3

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



#90

Benzo(b)fluoranthene

Concen: 17.777 ng/ul

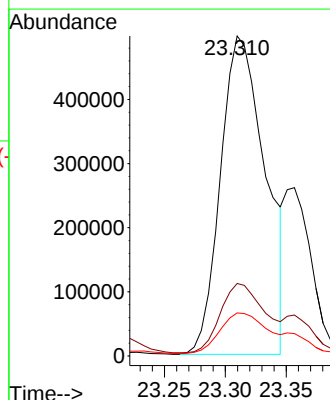
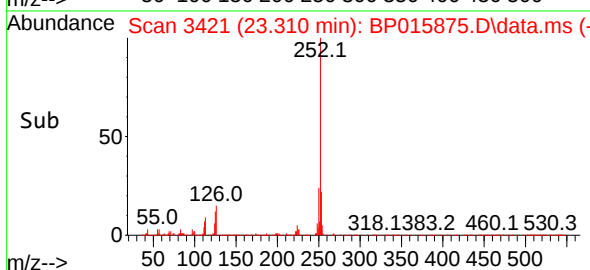
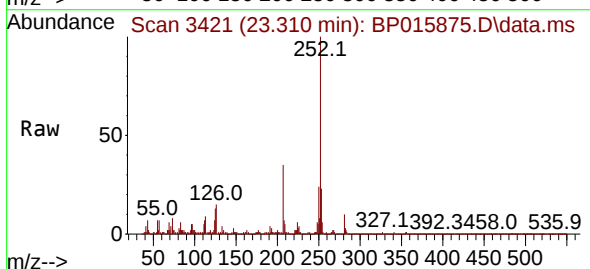
RT: 23.310 min Scan# 3421

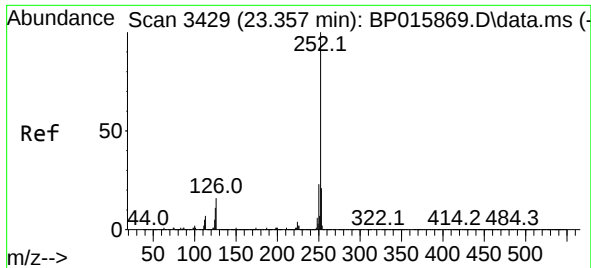
Delta R.T. -0.018 min

Lab File: BP015875.D

Acq: 01 Jul 2023 09:12

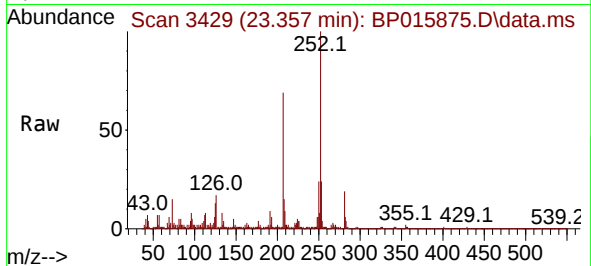
Tgt Ion:252 Resp: 1272318
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.3 25.9
 125 13.5 7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 5.510 ng/ul m
RT: 23.357 min Scan# 3429
Delta R.T. -0.023 min
Lab File: BP015875.D
Acq: 01 Jul 2023 09:12

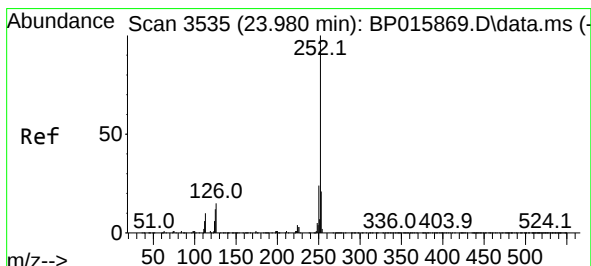
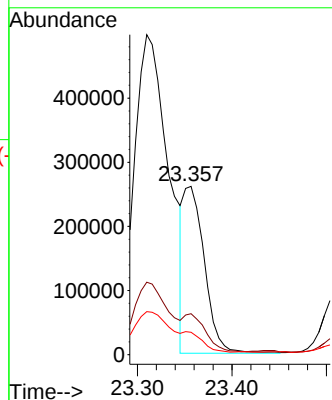
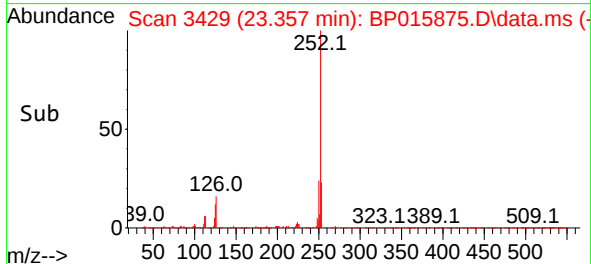
Instrument : BNA_P
ClientSampleId : DCFZ1



Tgt Ion:252 Resp: 39845
Ion Ratio Lower Upper
252 100
253 24.4 17.0 25.4
125 13.3 7.3 10.9

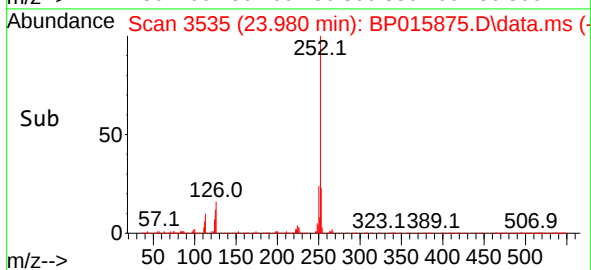
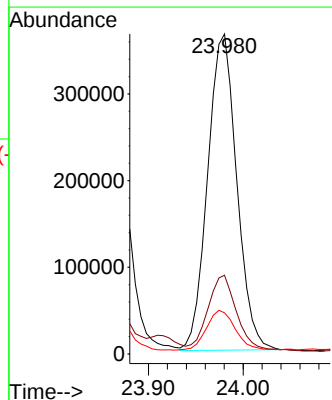
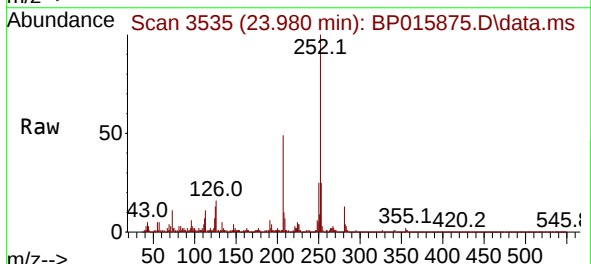
Manual Integrations
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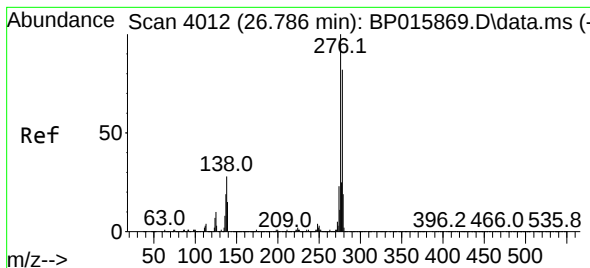
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#93
Benzo(a)pyrene
Concen: 12.444 ng/ul
RT: 23.980 min Scan# 3535
Delta R.T. -0.023 min
Lab File: BP015875.D
Acq: 01 Jul 2023 09:12

Tgt Ion:252 Resp: 778229
Ion Ratio Lower Upper
252 100
253 24.6 17.7 26.5
125 12.8 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.234 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.029 min

Lab File: BP015875.D

Acq: 01 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

DCFZ1

Tgt Ion:276 Resp: 614129

Ion Ratio Lower Upper

276 100

138 24.9 15.7 23.5

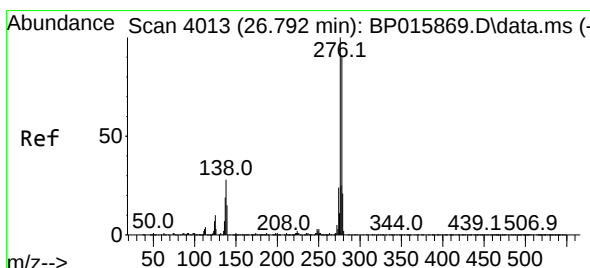
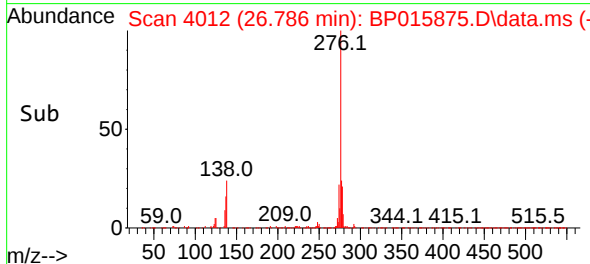
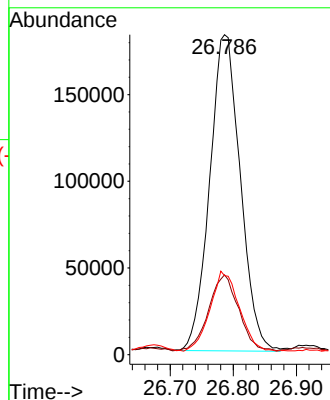
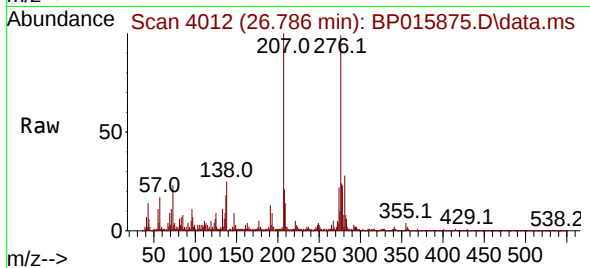
277 24.7 19.6 29.4

Manual Integrations

APPROVED

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Supervised By :Sohil Jodhani 07/02/2023



#95

Dibenzo(a,h)anthracene

Concen: 2.544 ng/ul

RT: 26.780 min Scan# 4011

Delta R.T. -0.047 min

Lab File: BP015875.D

Acq: 01 Jul 2023 09:12

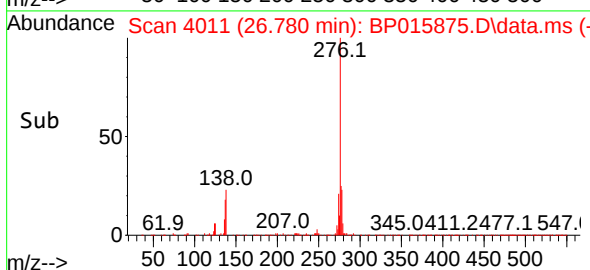
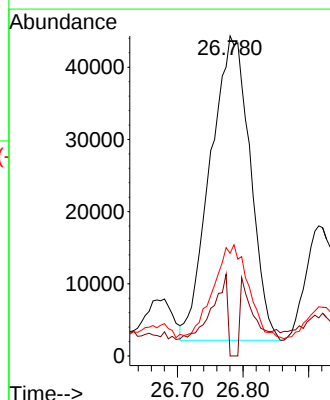
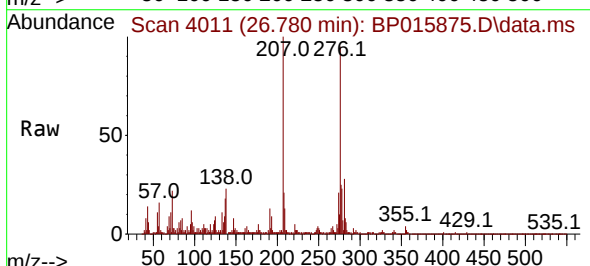
Tgt Ion:278 Resp: 177427

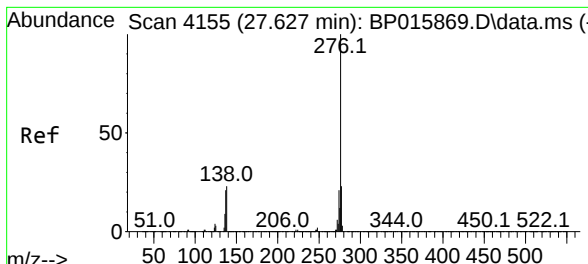
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

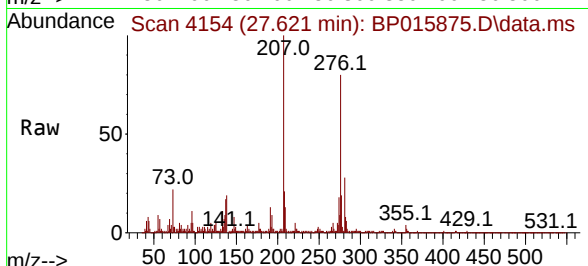
279 32.1 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 7.740 ng/ul
 RT: 27.621 min Scan# 4154
 Delta R.T. -0.035 min
 Lab File: BP015875.D
 Acq: 01 Jul 2023 09:12

Instrument :
 BNA_P
 ClientSampleId :
 DCFZ1



Tgt Ion:	276	Resp:	54059
Ion Ratio	Lower	Upper	
276	100		
138	23.3	15.1	22.7
277	23.8	18.8	28.2

Manual Integrations
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