

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015857.D
 Acq On : 30 Jun 2023 22:30
 Operator : MA/JU
 Sample : 03239-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFY6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 00:35:07 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	256387	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1019007	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	523937	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	907649	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	789020	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	973411	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	29262	4.106	ng/uL	0.00
4) Pyridine-d5	3.834	84	130561	7.268	ng/ul	0.01
7) Phenol-d5	7.234	99	463696	21.138	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	332589	24.506	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	376142	22.715	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	220625	12.731	ng/ul	0.02
21) Nitrobenzene-d5	9.246	128	180649	23.197	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	187312	20.608	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.546	165	300852	18.575	ng/ul	0.03
31) 4-Chloroaniline-d4	11.075	131	138671	6.665	ng/ul	0.04
46) Dimethylphthalate-d6	14.116	166	951043	23.485	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1081529	23.758	ng/ul	0.00
54) 4-Nitrophenol-d4	15.010	143	71845m	13.444	ng/ul	0.06
60) Fluorene-d10	15.704	176	744973	22.342	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	63798	11.429	ng/ul	0.02
73) Anthracene-d10	17.569	188	922529	22.251	ng/ul	0.00
81) Pyrene-d10	19.792	212	1079886	20.960	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1154842	23.519	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	92062	1.867	ng/ul	99
80) Fluoranthene	19.469	202	319744	4.994	ng/ul#	95
82) Pyrene	19.822	202	275115	4.212	ng/ul#	92
85) Benzo(a)anthracene	21.533	228	182107	3.281	ng/ul	95
87) Chrysene	21.592	228	203152	3.858	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252	305340	4.882	ng/ul#	91
91) Benzo(k)fluoranthene	23.363	252	110375m	1.747	ng/ul	
93) Benzo(a)pyrene	23.980	252	191483	3.504	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	26.798	276	155266	2.093	ng/ul#	87
96) Benzo(g,h,i)perylene	27.633	276	150655	2.468	ng/ul#	91

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

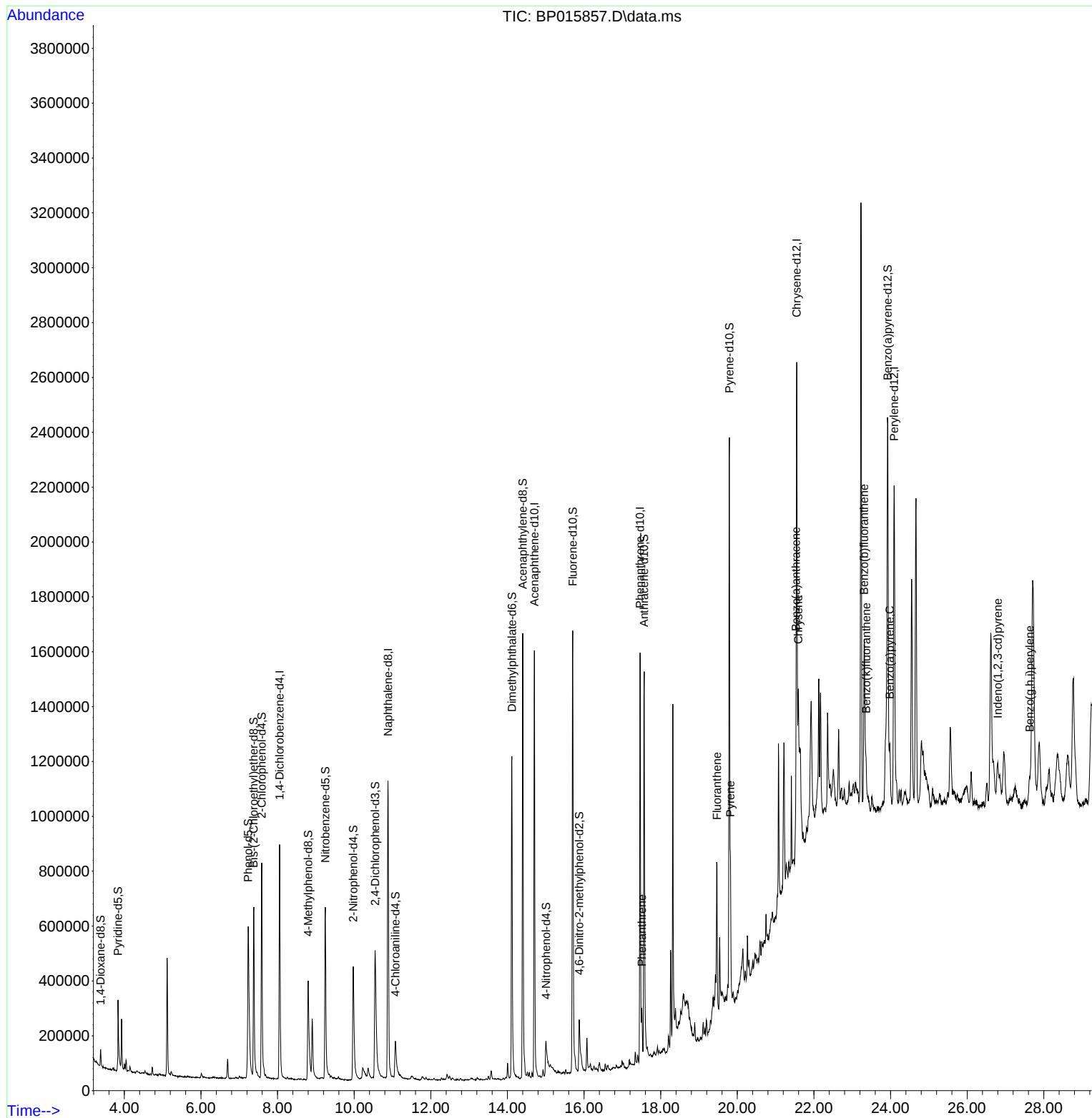
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015857.D
Acq On : 30 Jun 2023 22:30
Operator : MA/JU
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ALS Vial : 23 Sample Multiplier: 1

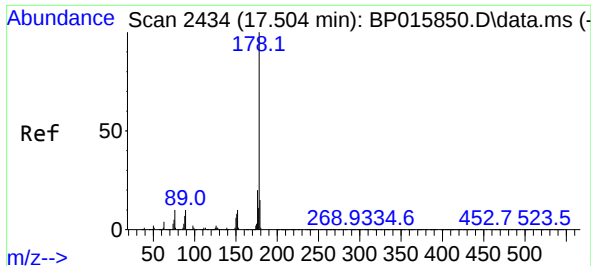
Instrument :
BNA_P
ClientSampleId :
DCFY6

Quant Time: Jul 01 00:35:07 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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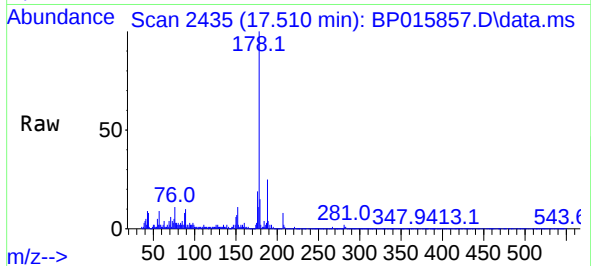
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023





#72
Phenanthrene
Concen: 1.867 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. 0.006 min
Lab File: BP015857.D
Acq: 30 Jun 2023 22:30

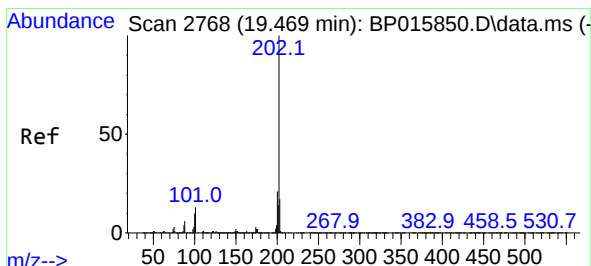
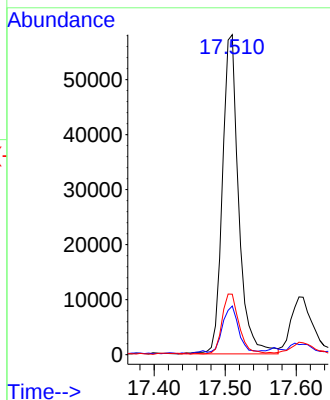
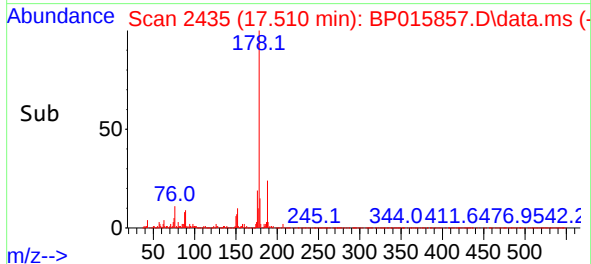
Instrument :
BNA_P
Client SampleId :
DCFY6



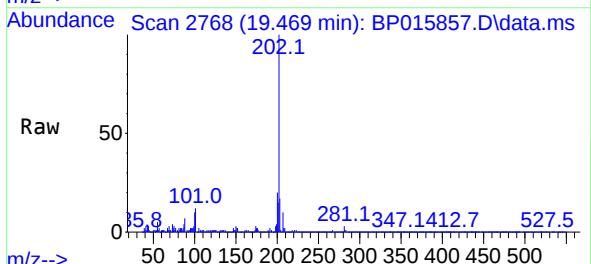
Tgt Ion:178 Resp: 92062
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.9 15.6 23.4

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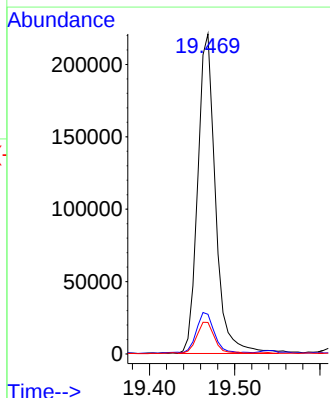
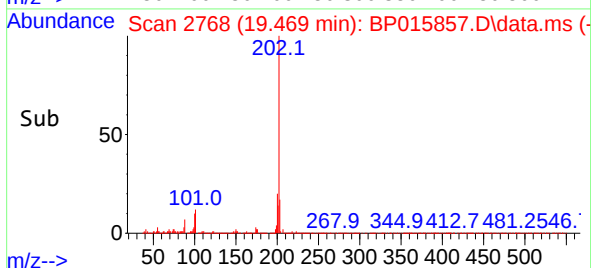
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

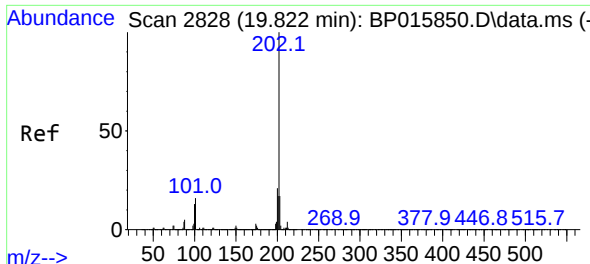


#80
Fluoranthene
Concen: 4.994 ng/ul
RT: 19.469 min Scan# 2768
Delta R.T. -0.000 min
Lab File: BP015857.D
Acq: 30 Jun 2023 22:30



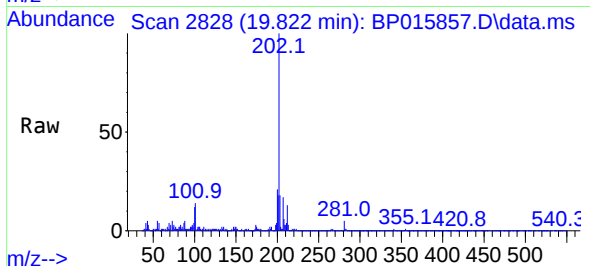
Tgt Ion:202 Resp: 319744
Ion Ratio Lower Upper
202 100
101 12.4 8.3 12.5
100 9.9 6.6 9.8





#82
Pyrene
Concen: 4.212 ng/ul
RT: 19.822 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BP015857.D
Acq: 30 Jun 2023 22:30

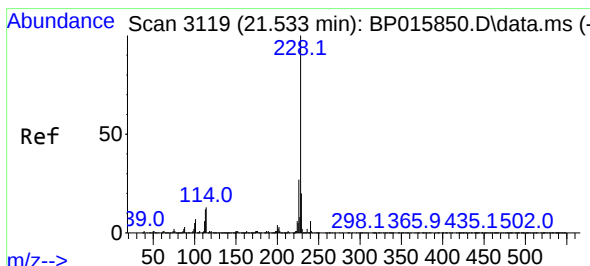
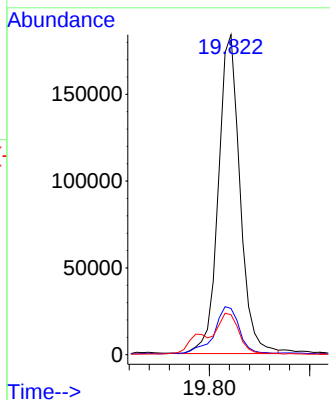
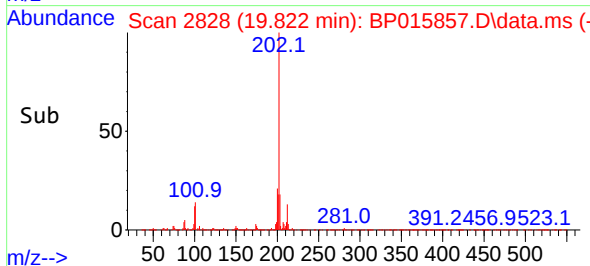
Instrument :
BNA_P
ClientSampleId :
DCFY6



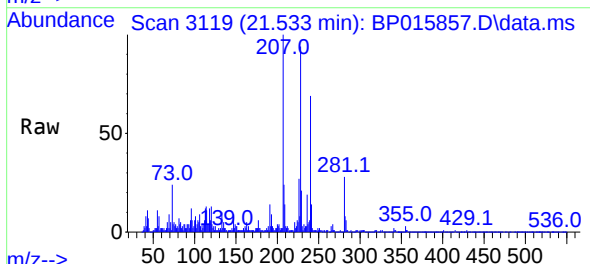
Tgt Ion:202 Resp: 275111
Ion Ratio Lower Upper
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101 14.4 9.3 13.9
100 12.5 7.6 11.4

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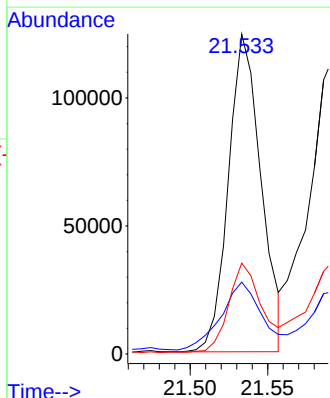
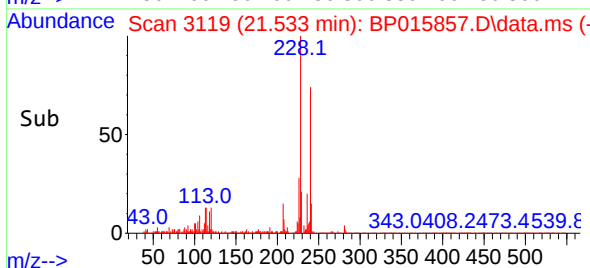
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

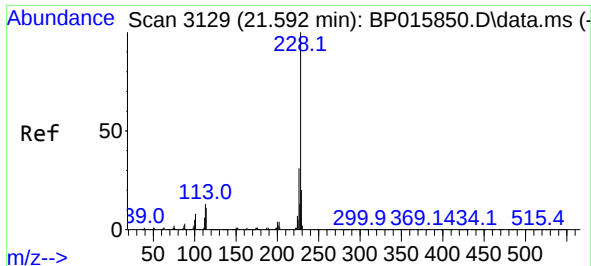


#85
Benzo(a)anthracene
Concen: 3.281 ng/ul
RT: 21.533 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP015857.D
Acq: 30 Jun 2023 22:30



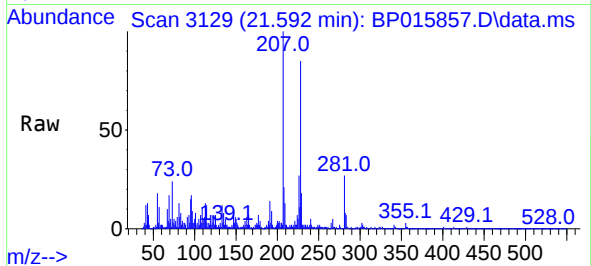
Tgt Ion:228 Resp: 182107
Ion Ratio Lower Upper
228 100
229 22.5 15.3 22.9
226 28.4 21.4 32.0





#87
Chrysene
Concen: 3.858 ng/ul
RT: 21.592 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BP015857.D
Acq: 30 Jun 2023 22:30

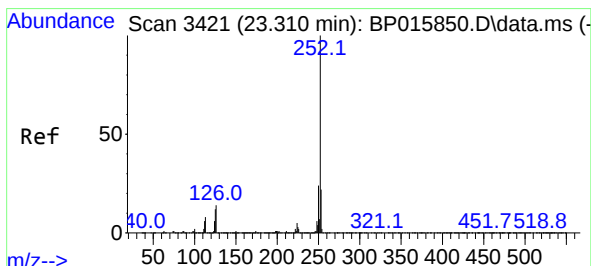
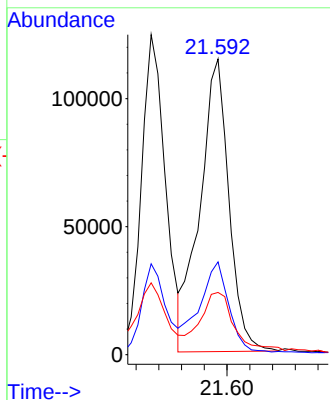
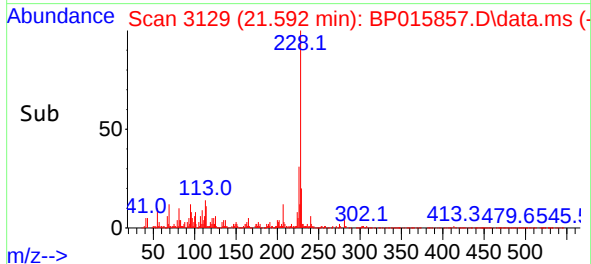
Instrument :
BNA_P
ClientSampleId :
DCFY6



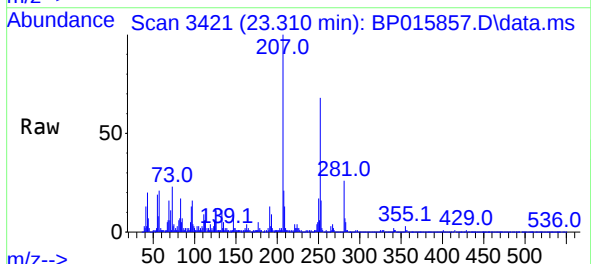
Tgt Ion:228 Resp: 203152
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 21.0 15.5 23.3

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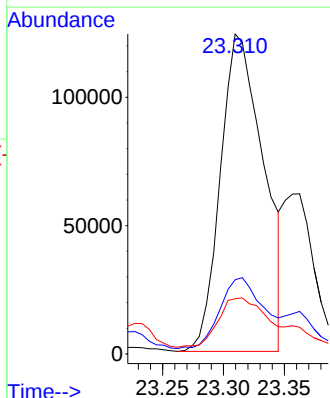
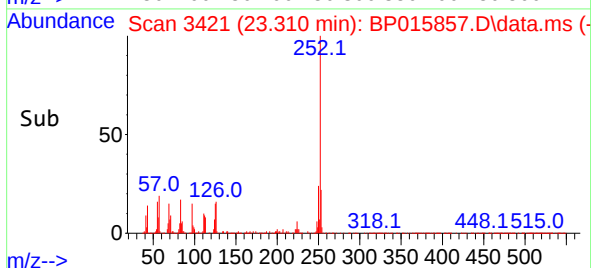
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

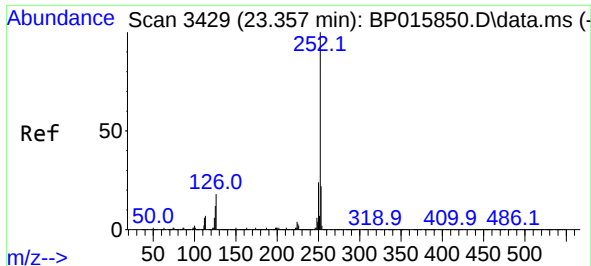


#90
Benzo(b)fluoranthene
Concen: 4.882 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. -0.006 min
Lab File: BP015857.D
Acq: 30 Jun 2023 22:30



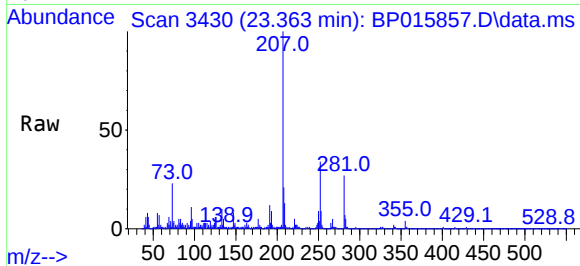
Tgt Ion:252 Resp: 305340
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 17.3 7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 1.747 ng/ul m
RT: 23.363 min Scan# 3429
Delta R.T. -0.000 min
Lab File: BP015857.D
Acq: 30 Jun 2023 22:30

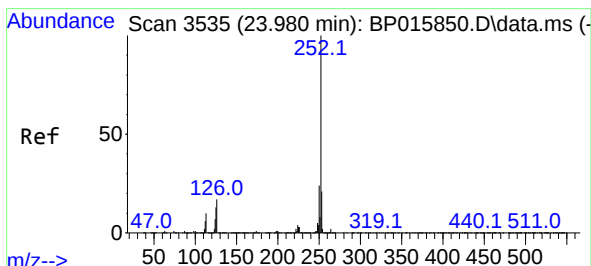
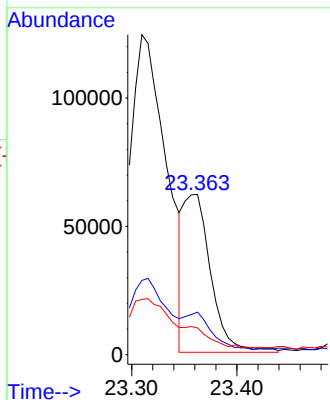
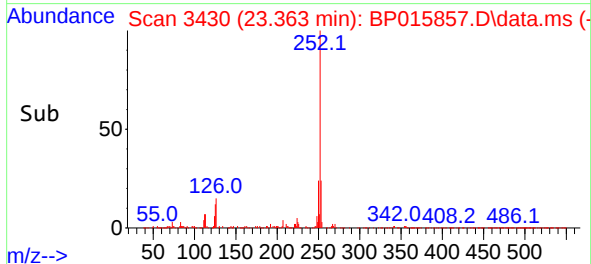
Instrument :
BNA_P
ClientSampleId :
DCFY6



Tgt Ion:252 Resp: 110379
Ion Ratio Lower Upper
252 100
253 26.5 17.0 25.4
125 16.7 7.3 10.9

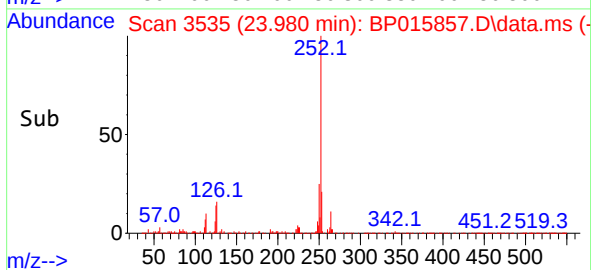
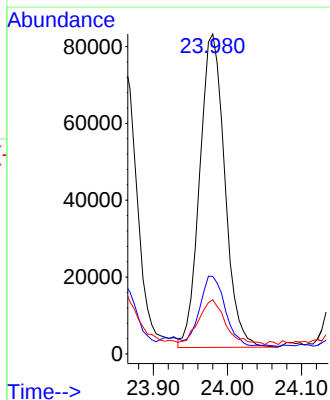
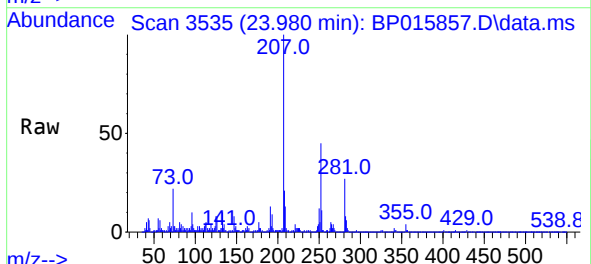
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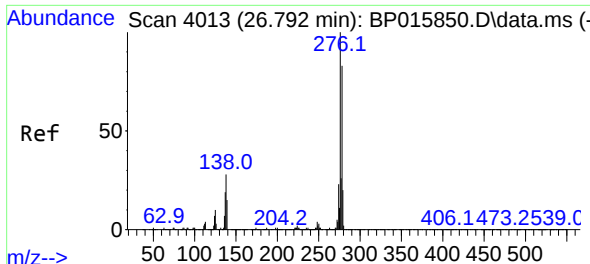
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#93
Benzo(a)pyrene
Concen: 3.504 ng/ul
RT: 23.980 min Scan# 3535
Delta R.T. -0.006 min
Lab File: BP015857.D
Acq: 30 Jun 2023 22:30

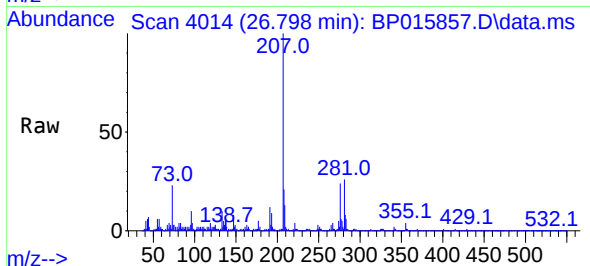
Tgt Ion:252 Resp: 191483
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 17.0 8.2 12.2





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.093 ng/ul
 RT: 26.798 min Scan# 4013
 Delta R.T. -0.000 min
 Lab File: BP015857.D
 Acq: 30 Jun 2023 22:30

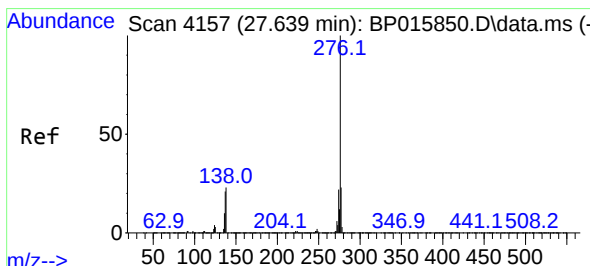
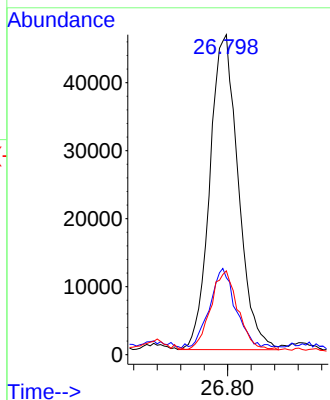
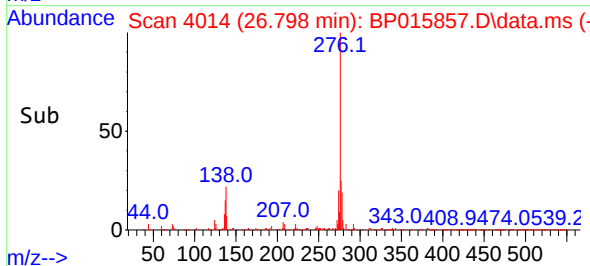
Instrument :
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Tgt Ion:276 Resp: 155260
 Ion Ratio Lower Upper
 276 100
 138 30.8 15.7 23.5
 277 26.2 19.6 29.4

Manual Integrations
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Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023



#96
 Benzo(g,h,i)perylene
 Concen: 2.468 ng/ul
 RT: 27.633 min Scan# 4156
 Delta R.T. -0.006 min
 Lab File: BP015857.D
 Acq: 30 Jun 2023 22:30

Tgt Ion:276 Resp: 150655
 Ion Ratio Lower Upper
 276 100
 138 25.3 15.1 22.7#
 277 25.4 18.8 28.2

