

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015841.D
 Acq On : 30 Jun 2023 13:24
 Operator : MA/JU
 Sample : 03161-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFX7

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 23:10:58 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	239531	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1026562	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.704	164	583659	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1119260	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	745278	20.000	ng/u1	# 0.00
88) Perylene-d12	24.098	264	872208	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	29402	4.416	ng/uL	0.00
4) Pyridine-d5	3.828	84	237586	14.157	ng/u1	0.00
7) Phenol-d5	7.234	99	498629	24.330	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	359170	28.327	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	413556	26.731	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	287797	17.776	ng/u1	0.01
21) Nitrobenzene-d5	9.246	128	202299	25.786	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	225095	24.583	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.540	165	359019	22.003	ng/u1	0.02
31) 4-Chloroaniline-d4	11.063	131	292292	13.945	ng/u1	0.03
46) Dimethylphthalate-d6	14.116	166	1330207	29.487	ng/u1	0.00
49) Acenaphthylene-d8	14.399	160	1464187	28.872	ng/u1	0.00
54) 4-Nitrophenol-d4	14.987	143	122883	20.641	ng/u1	0.04
60) Fluorene-d10	15.704	176	1070014	28.806	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	125331	18.208	ng/u1	0.01
73) Anthracene-d10	17.569	188	1423789	27.849	ng/u1	0.00
81) Pyrene-d10	19.792	212	1609330	33.070	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	1371428	31.170	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	132589	2.181	ng/u1	99
80) Fluoranthene	19.469	202	311510	5.151	ng/u1#	93
82) Pyrene	19.822	202	232193	3.764	ng/u1#	89
85) Benzo(a)anthracene	21.545	228	102993m	1.965	ng/u1	
87) Chrysene	21.598	228	130647	2.627	ng/u1	98
90) Benzo(b)fluoranthene	23.316	252	161164	2.876	ng/u1#	86
91) Benzo(k)fluoranthene	23.363	252	62808m	1.109	ng/u1	
93) Benzo(a)pyrene	23.986	252	85454	1.745	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	26.810	276	79414	1.195	ng/u1#	88
96) Benzo(g,h,i)perylene	27.657	276	68593	1.254	ng/u1#	89

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

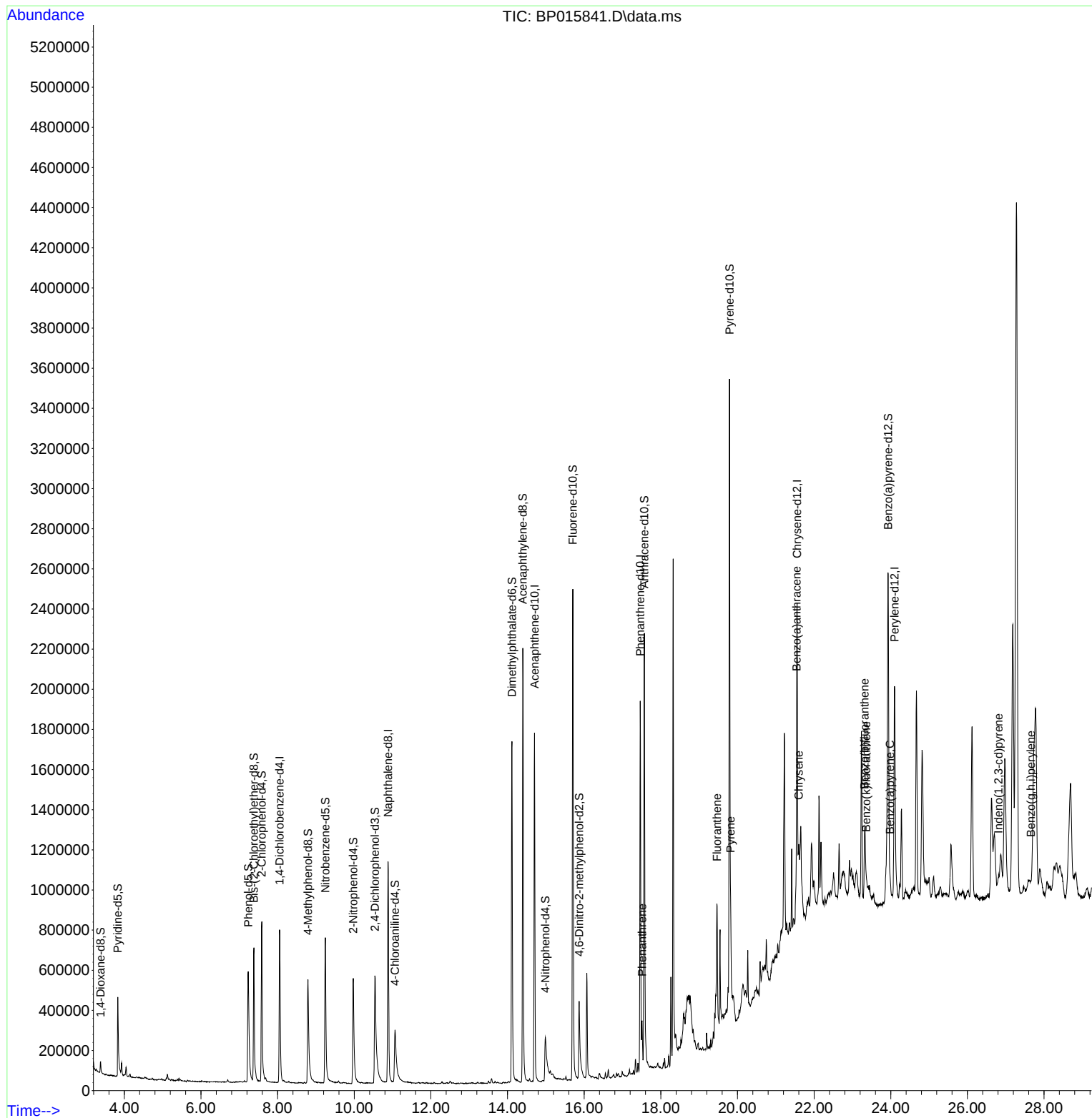
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015841.D
Acq On : 30 Jun 2023 13:24
Operator : MA/JU
Sample : 03161-21
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ALS Vial : 8 Sample Multiplier: 1

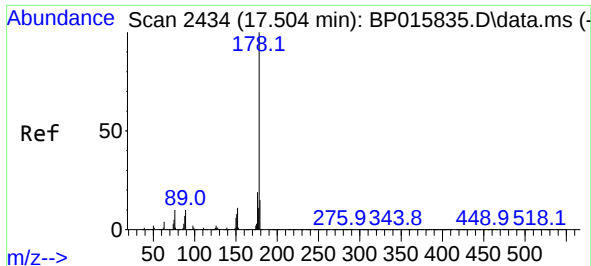
Instrument :
BNA_P
ClientSampleId :
DCFX7

Quant Time: Jun 30 23:10:58 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
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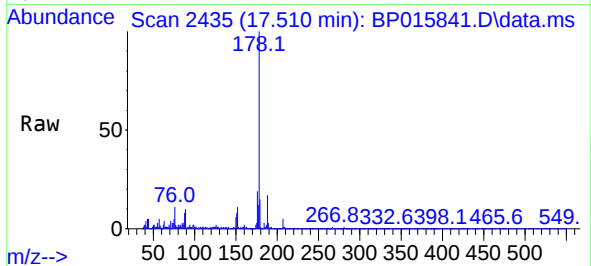
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023





#72
Phenanthrene
Concen: 2.181 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. 0.006 min
Lab File: BP015841.D
Acq: 30 Jun 2023 13:24

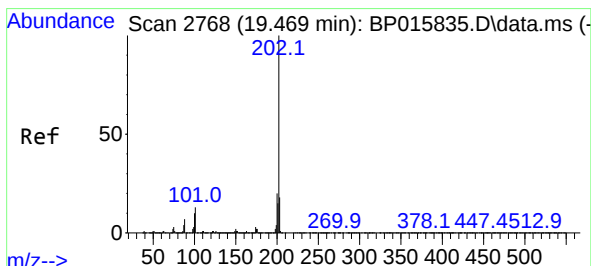
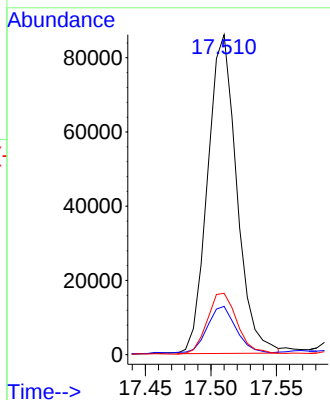
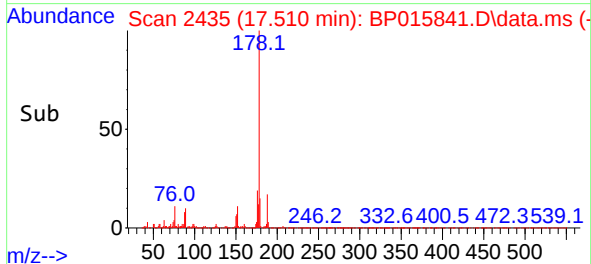
Instrument :
BNA_P
ClientSampleId :
DCFX7



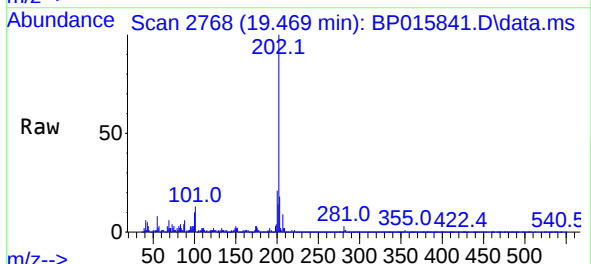
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Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 19.2 15.6 23.4

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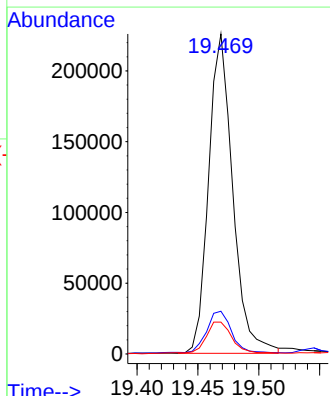
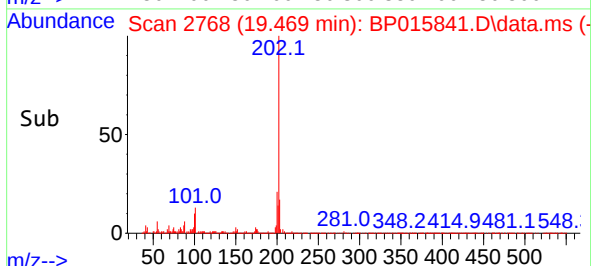
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

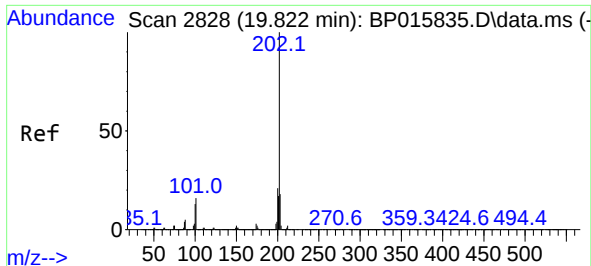


#80
Fluoranthene
Concen: 5.151 ng/ul
RT: 19.469 min Scan# 2768
Delta R.T. 0.000 min
Lab File: BP015841.D
Acq: 30 Jun 2023 13:24



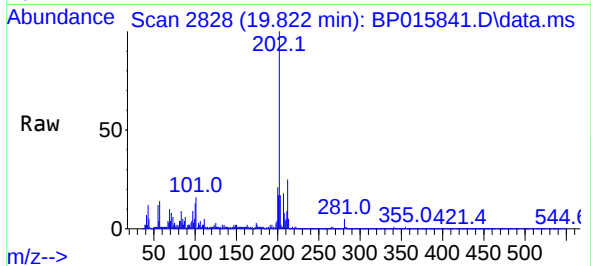
Tgt Ion:202 Resp: 311510
Ion Ratio Lower Upper
202 100
101 13.4 8.3 12.5#
100 9.9 6.6 9.8#





#82
Pyrene
Concen: 3.764 ng/ul
RT: 19.822 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BP015841.D
Acq: 30 Jun 2023 13:24

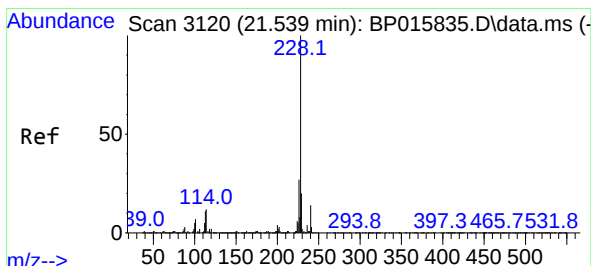
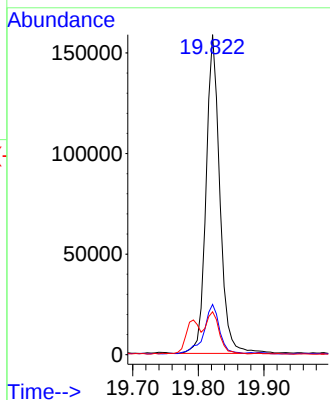
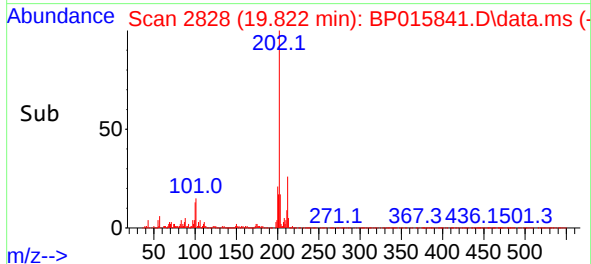
Instrument :
BNA_P
ClientSampleId :
DCFX7



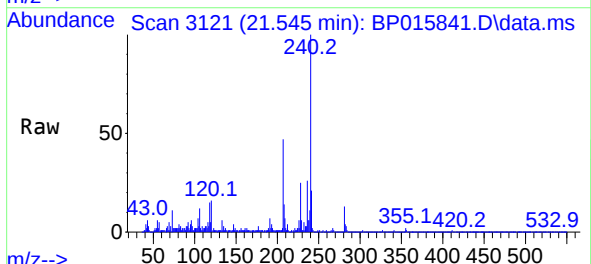
Tgt Ion:202 Resp: 232193
Ion Ratio Lower Upper
202 100
101 15.7 9.3 13.9
100 13.4 7.6 11.4

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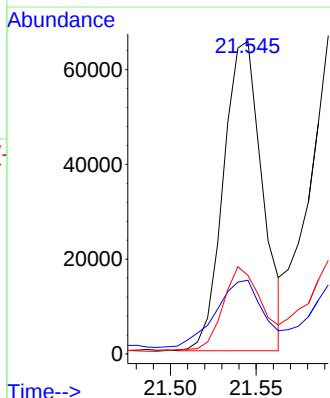
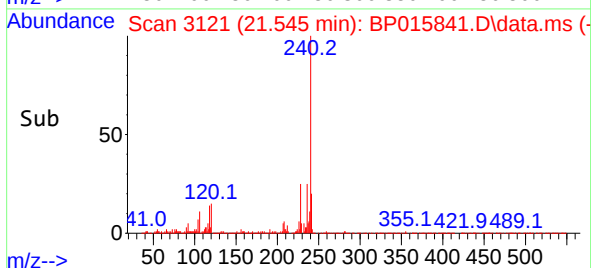
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

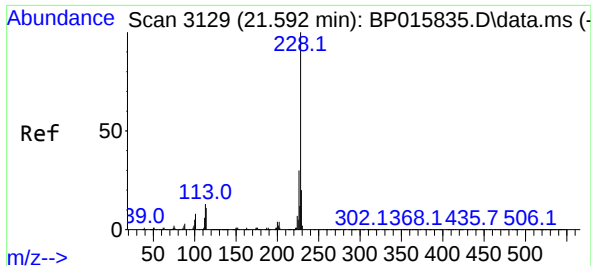


#85
Benzo(a)anthracene
Concen: 1.965 ng/ul m
RT: 21.545 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP015841.D
Acq: 30 Jun 2023 13:24



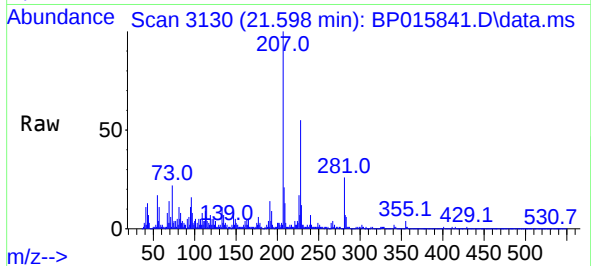
Tgt Ion:228 Resp: 102993
Ion Ratio Lower Upper
228 100
229 23.6 15.3 22.9
226 25.1 21.4 32.0





#87
Chrysene
Concen: 2.627 ng/ul
RT: 21.598 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BP015841.D
Acq: 30 Jun 2023 13:24

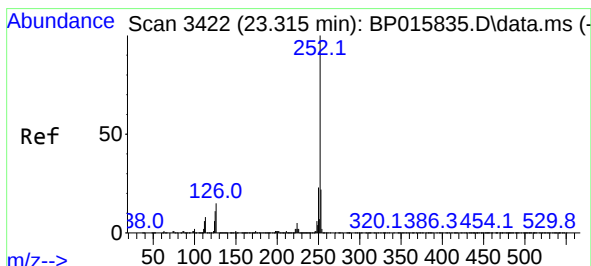
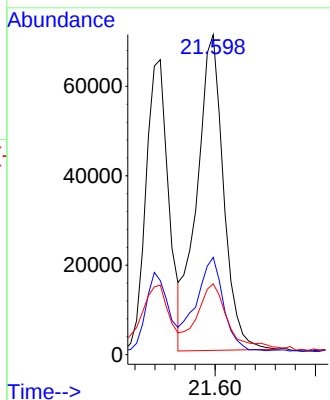
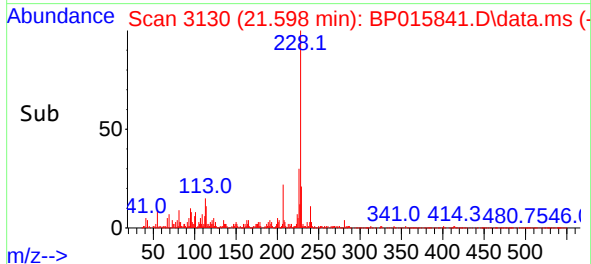
Instrument :
BNA_P
ClientSampleId :
DCFX7



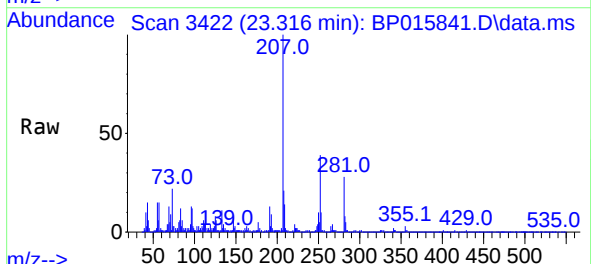
Tgt Ion:228 Resp: 13064
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.2 15.5 23.3

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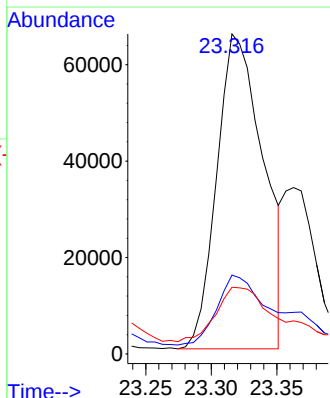
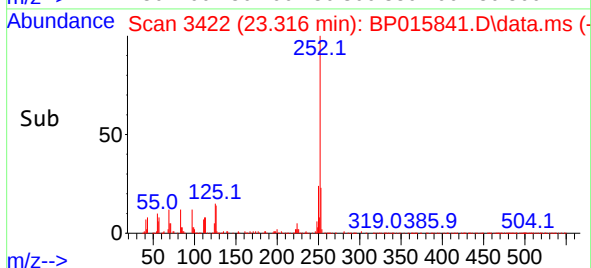
Reviewed By :Yogesh Patel 07/01/2023
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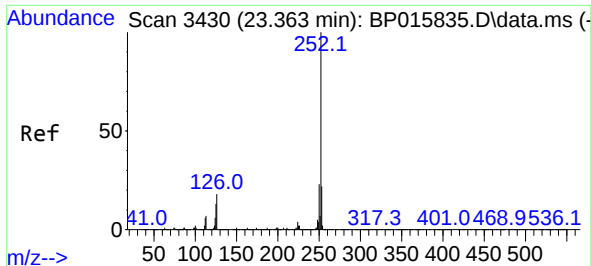


#90
Benzo(b)fluoranthene
Concen: 2.876 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. 0.000 min
Lab File: BP015841.D
Acq: 30 Jun 2023 13:24



Tgt Ion:252 Resp: 161164
Ion Ratio Lower Upper
252 100
253 24.7 17.3 25.9
125 20.9 7.5 11.3





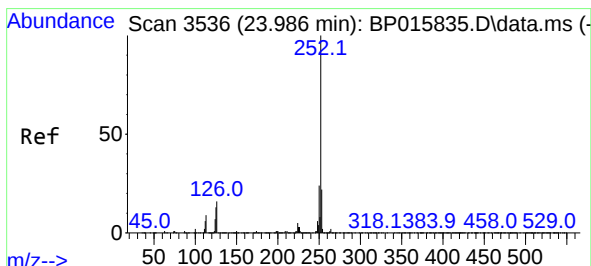
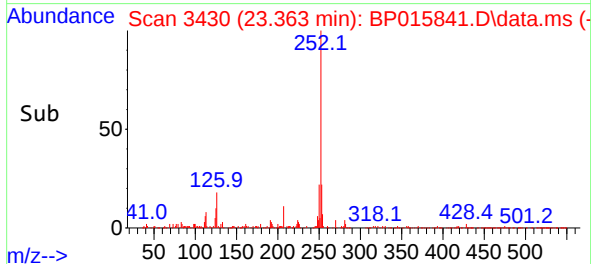
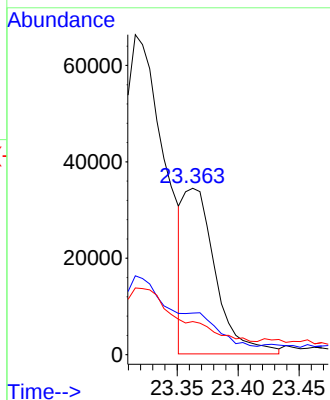
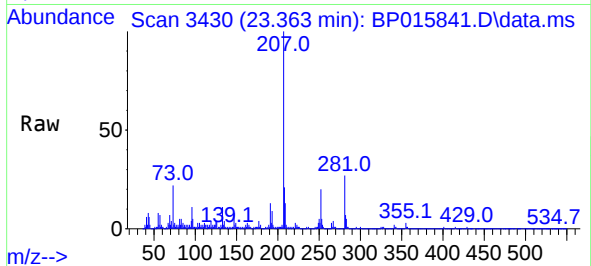
#91
Benzo(k)fluoranthene
Concen: 1.109 ng/ul m
RT: 23.363 min Scan# 3430
Delta R.T. 0.000 min
Lab File: BP015841.D
Acq: 30 Jun 2023 13:24

Instrument :
BNA_P
ClientSampleId :
DCFX7

Tgt Ion:252 Resp: 62808
Ion Ratio Lower Upper
252 100
253 25.0 17.0 25.4
125 19.9 7.3 10.9

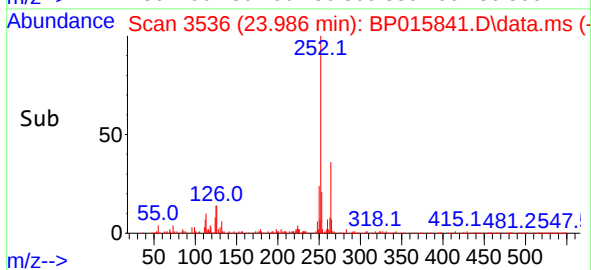
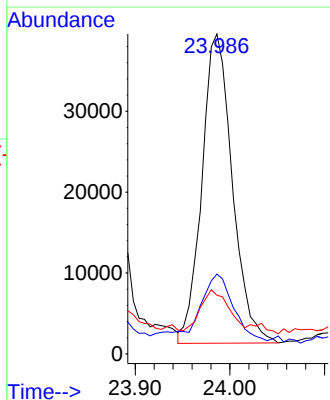
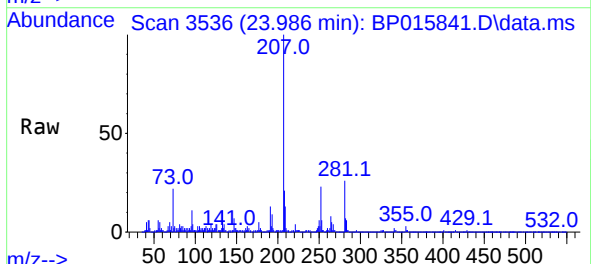
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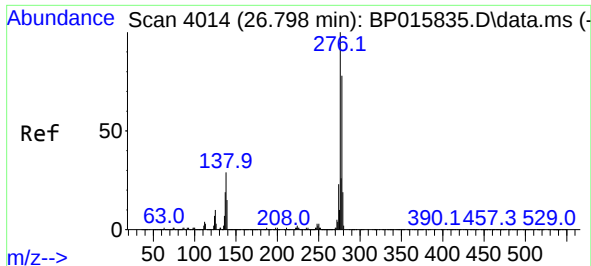
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#93
Benzo(a)pyrene
Concen: 1.745 ng/ul
RT: 23.986 min Scan# 3536
Delta R.T. 0.000 min
Lab File: BP015841.D
Acq: 30 Jun 2023 13:24

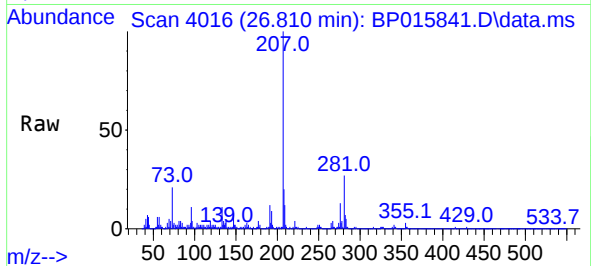
Tgt Ion:252 Resp: 85454
Ion Ratio Lower Upper
252 100
253 25.0 17.7 26.5
125 18.3 8.2 12.2





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.195 ng/ul
RT: 26.810 min Scan# 4014
Delta R.T. 0.012 min
Lab File: BP015841.D
Acq: 30 Jun 2023 13:24

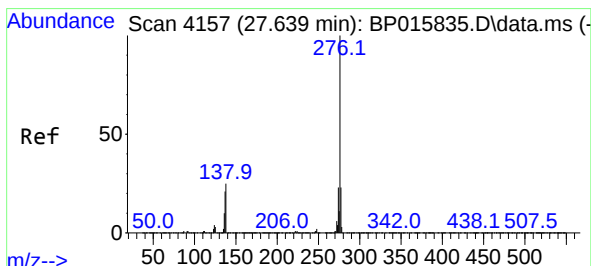
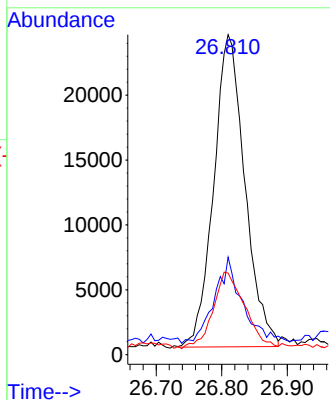
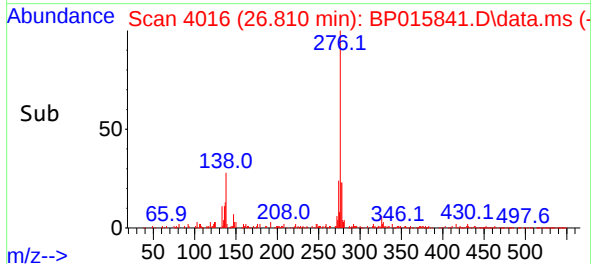
Instrument :
BNA_P
ClientSampleId :
DCFX7



Tgt Ion:276 Resp: 79414
Ion Ratio Lower Upper
276 100
138 30.4 15.7 23.5
277 25.5 19.6 29.4

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Supervised By :mohammad ahmed 07/01/2023



#96
Benzo(g,h,i)perylene
Concen: 1.254 ng/ul
RT: 27.657 min Scan# 4160
Delta R.T. 0.018 min
Lab File: BP015841.D
Acq: 30 Jun 2023 13:24

Tgt Ion:276 Resp: 68593
Ion Ratio Lower Upper
276 100
138 25.3 15.1 22.7
277 27.4 18.8 28.2

