

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015867.D
 Acq On : 01 Jul 2023 04:09
 Operator : MA/JU
 Sample : 03239-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFX9

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 05:08:43 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	265300	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1148336	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.698	164	654641	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1212692	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	916883	20.000	ng/u1	# 0.00
88) Perylene-d12	24.092	264	1081861	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	13673	1.854	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.240	99	246167	10.845	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	181211	12.903	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	203307	11.865	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	164098	9.151	ng/u1	0.02
21) Nitrobenzene-d5	9.252	128	100049	11.400	ng/u1	0.01
24) 2-Nitrophenol-d4	9.981	143	106457	10.393	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.557	165	175608	9.621	ng/u1	0.04
31) 4-Chloroaniline-d4	11.081	131	92105m	3.928	ng/u1	0.05
46) Dimethylphthalate-d6	14.116	166	616421	12.183	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	674889	11.865	ng/u1	0.00
54) 4-Nitrophenol-d4	15.022	143	47735m	7.149	ng/u1	0.07
60) Fluorene-d10	15.704	176	492685	11.825	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	41252	5.531	ng/u1	0.02
73) Anthracene-d10	17.569	188	636772	11.495	ng/u1	0.00
81) Pyrene-d10	19.786	212	713166	11.912	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.922	264	638778	11.705	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	281567	4.274	ng/u1	100
80) Fluoranthene	19.463	202	844828	11.354	ng/u1#	92
82) Pyrene	19.816	202	673289	8.871	ng/u1#	90
85) Benzo(a)anthracene	21.533	228	390609	6.056	ng/u1	98
87) Chrysene	21.592	228	461670	7.544	ng/u1	98
90) Benzo(b)fluoranthene	23.310	252	827790	11.908	ng/u1#	92
91) Benzo(k)fluoranthene	23.357	252	247030m	3.517	ng/u1	
93) Benzo(a)pyrene	23.980	252	429713	7.075	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.786	276	413704	5.017	ng/u1#	89
95) Dibenzo(a,h)anthracene	26.792	278	114289	1.687	ng/u1#	84

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

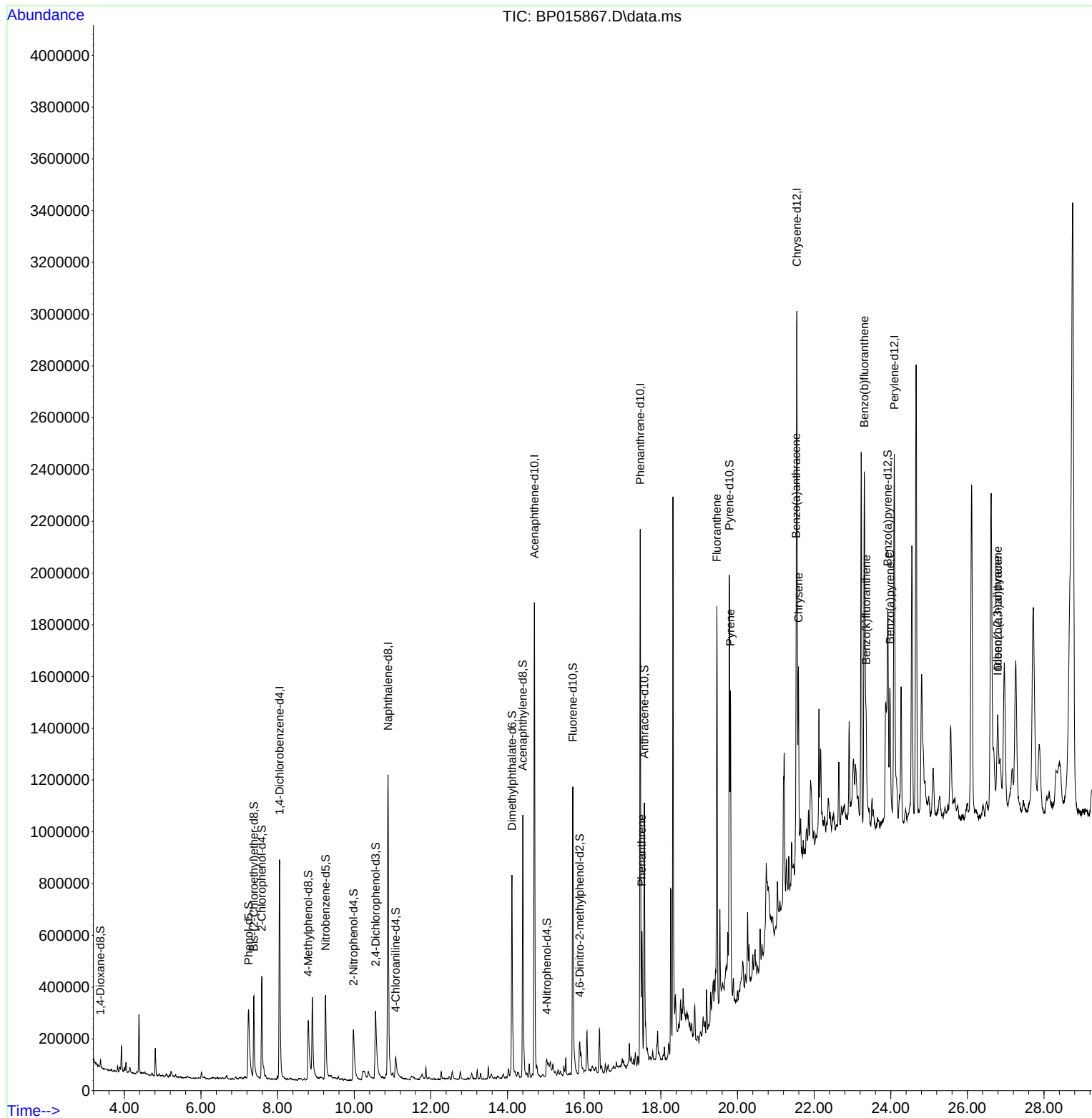
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015867.D
Acq On : 01 Jul 2023 04:09
Operator : MA/JU
Sample : 03239-01
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ALS Vial : 33 Sample Multiplier: 1

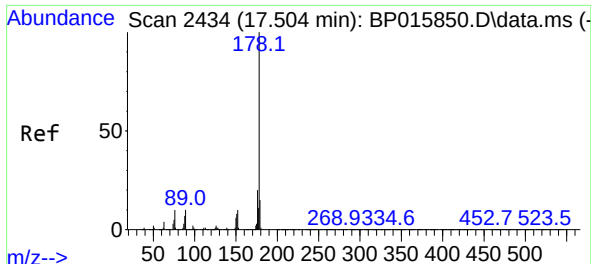
Instrument :
BNA_P
ClientSampleId :
DCFX9

Quant Time: Jul 01 05:08:43 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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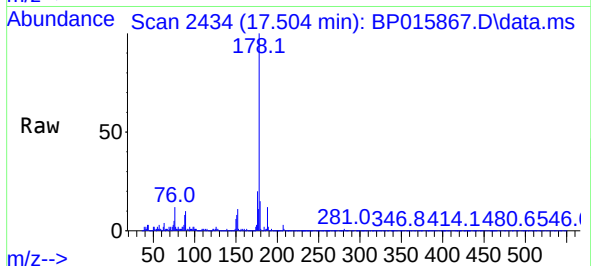
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023





#72
Phenanthrene
Concen: 4.274 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP015867.D
Acq: 01 Jul 2023 04:09

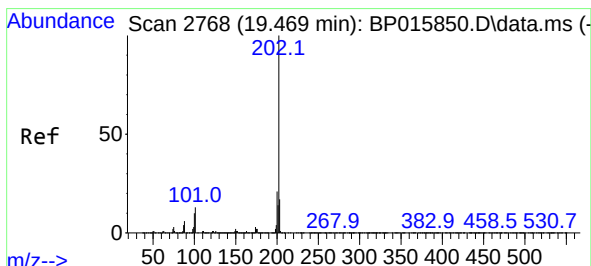
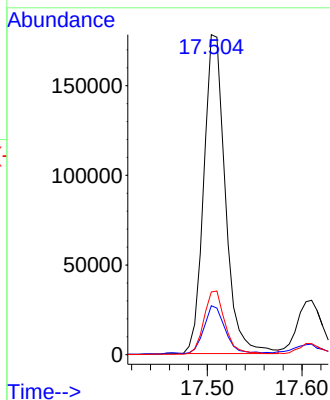
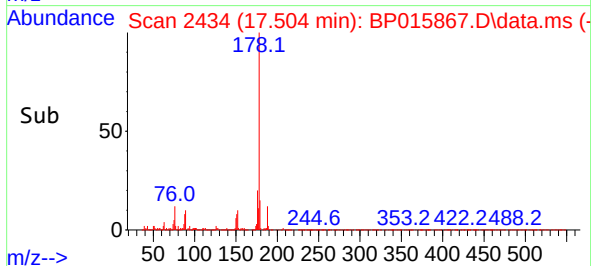
Instrument :
BNA_P
Client Sample Id :
DCFX9



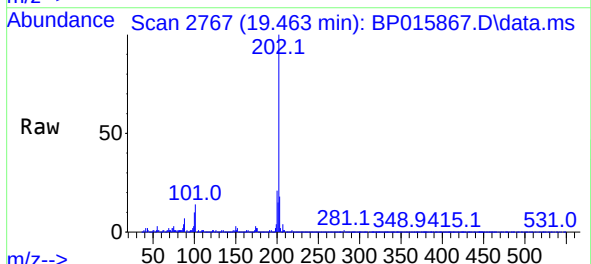
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Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.6 15.6 23.4

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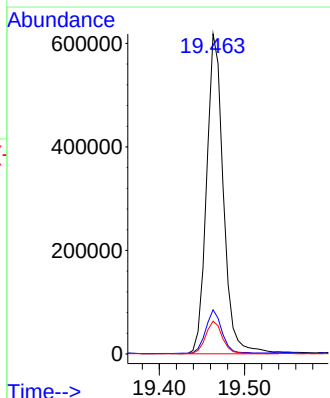
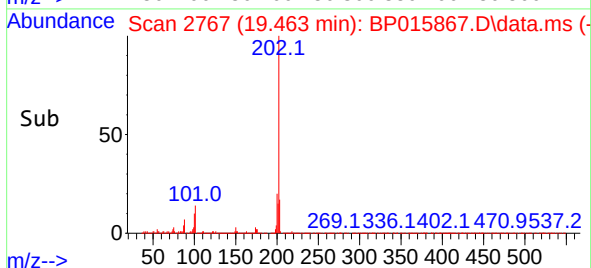
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

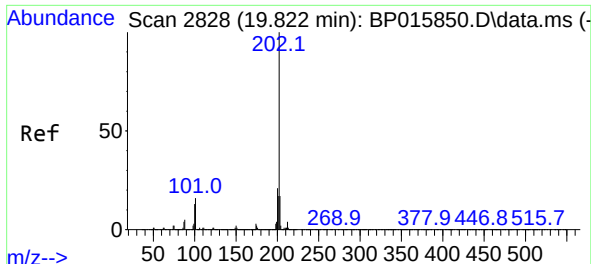


#80
Fluoranthene
Concen: 11.354 ng/ul
RT: 19.463 min Scan# 2767
Delta R.T. -0.006 min
Lab File: BP015867.D
Acq: 01 Jul 2023 04:09



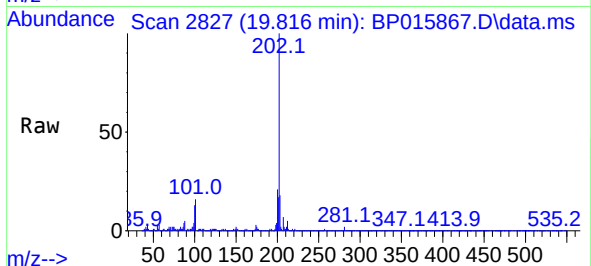
Tgt Ion:202 Resp: 844828
Ion Ratio Lower Upper
202 100
101 13.8 8.3 12.5#
100 10.3 6.6 9.8#





#82
Pyrene
Concen: 8.871 ng/ul
RT: 19.816 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015867.D
Acq: 01 Jul 2023 04:09

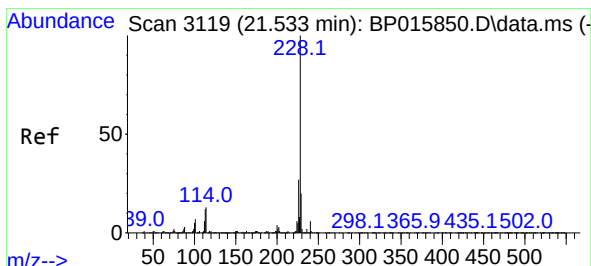
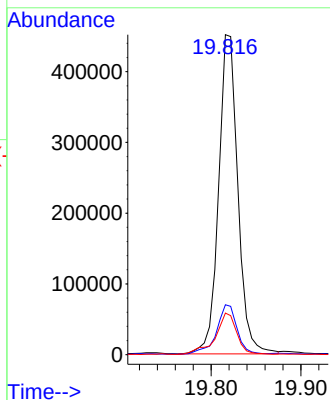
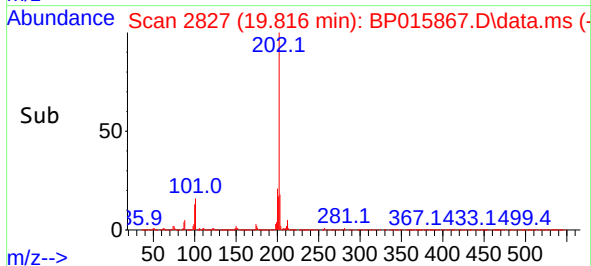
Instrument :
BNA_P
ClientSampleId :
DCFX9



Tgt Ion:202 Resp: 673289
Ion Ratio Lower Upper
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101 15.6 9.3 13.9
100 13.0 7.6 11.4

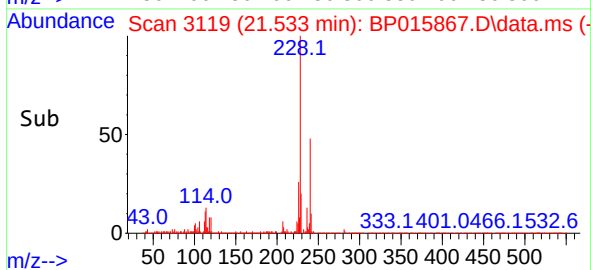
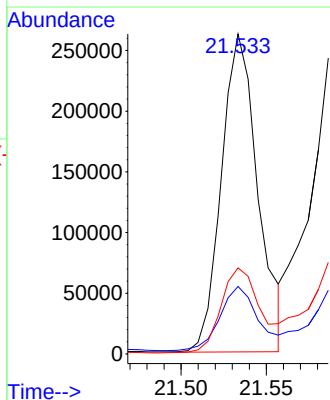
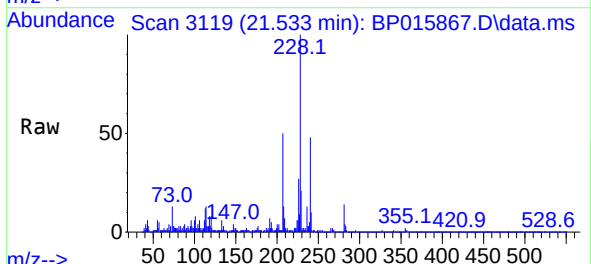
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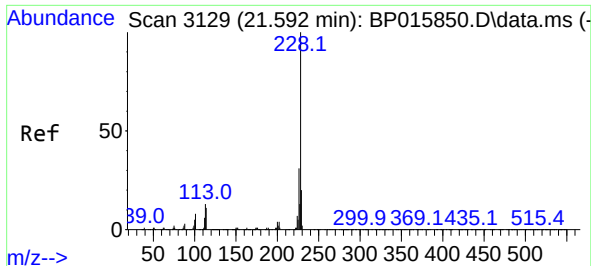
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#85
Benzo(a)anthracene
Concen: 6.056 ng/ul
RT: 21.533 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP015867.D
Acq: 01 Jul 2023 04:09

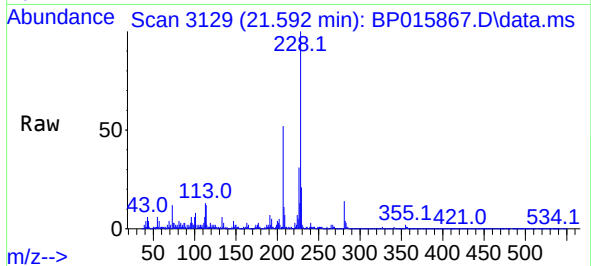
Tgt Ion:228 Resp: 390609
Ion Ratio Lower Upper
228 100
229 21.1 15.3 22.9
226 26.9 21.4 32.0





#87
Chrysene
Concen: 7.544 ng/u1
RT: 21.592 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP015867.D
Acq: 01 Jul 2023 04:09

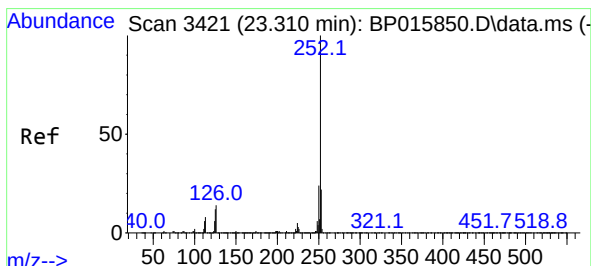
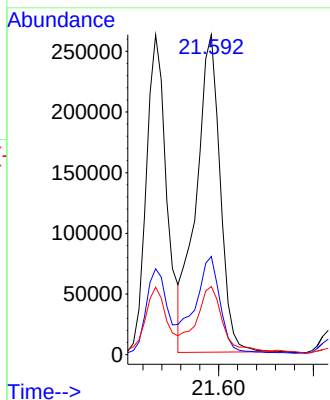
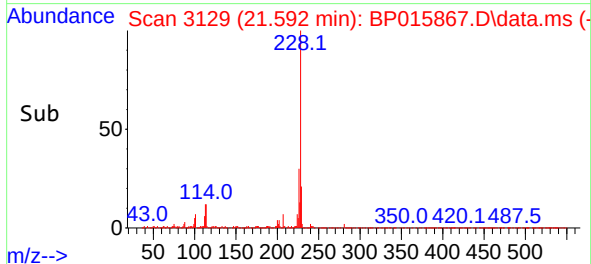
Instrument :
BNA_P
ClientSampleId :
DCFX9



Tgt Ion:228 Resp: 461670
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.3 15.5 23.3

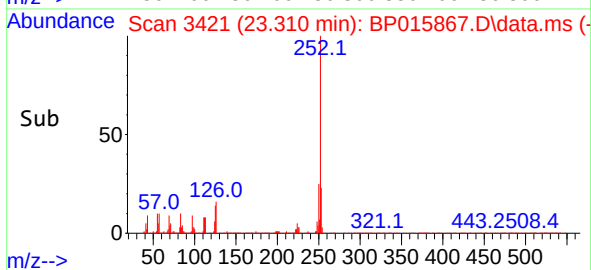
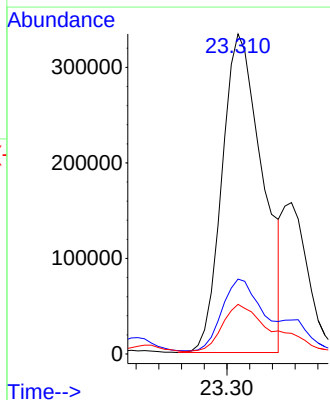
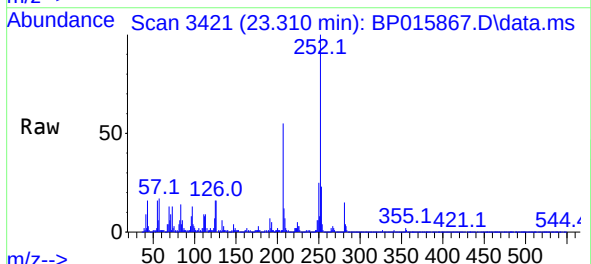
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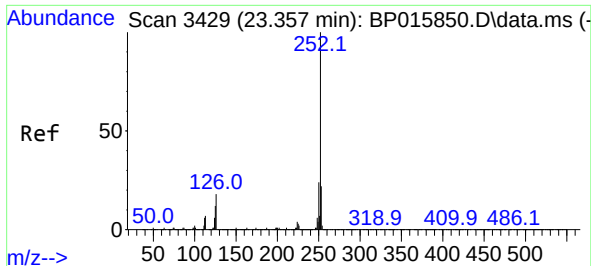
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#90
Benzo(b)fluoranthene
Concen: 11.908 ng/u1
RT: 23.310 min Scan# 3421
Delta R.T. -0.006 min
Lab File: BP015867.D
Acq: 01 Jul 2023 04:09

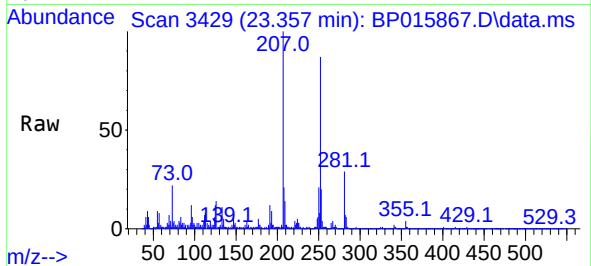
Tgt Ion:252 Resp: 827790
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 15.5 7.5 11.3#





#91
Benzo(k)fluoranthene
Concen: 3.517 ng/ul m
RT: 23.357 min Scan# 3429
Delta R.T. -0.006 min
Lab File: BP015867.D
Acq: 01 Jul 2023 04:09

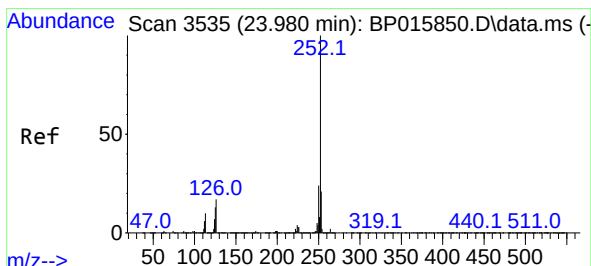
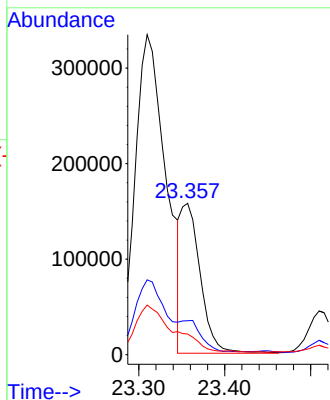
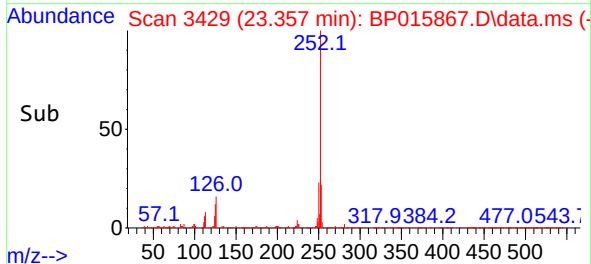
Instrument :
BNA_P
ClientSampleId :
DCFX9



Tgt Ion:252 Resp: 247030
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.4
125 13.7 7.3 10.9

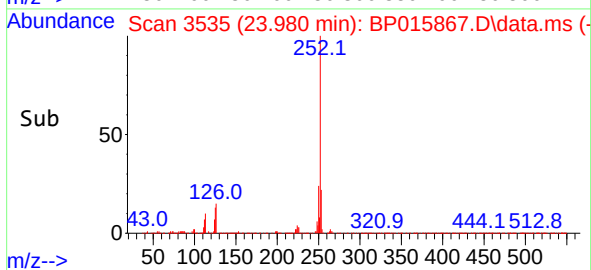
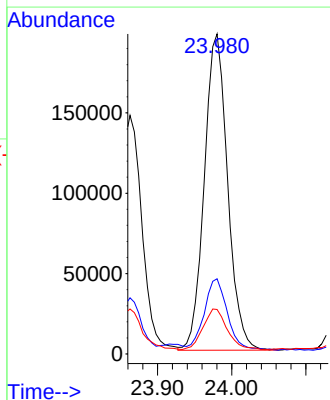
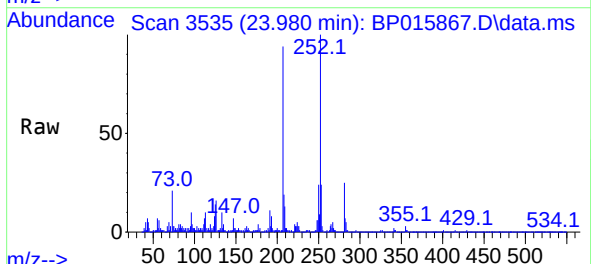
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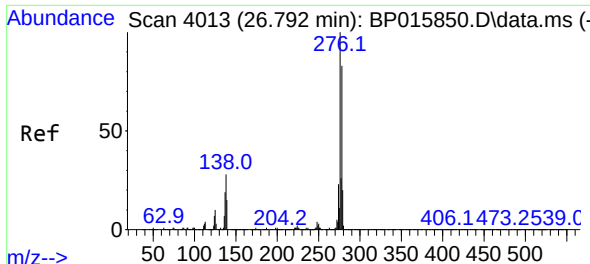
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#93
Benzo(a)pyrene
Concen: 7.075 ng/ul
RT: 23.980 min Scan# 3535
Delta R.T. -0.006 min
Lab File: BP015867.D
Acq: 01 Jul 2023 04:09

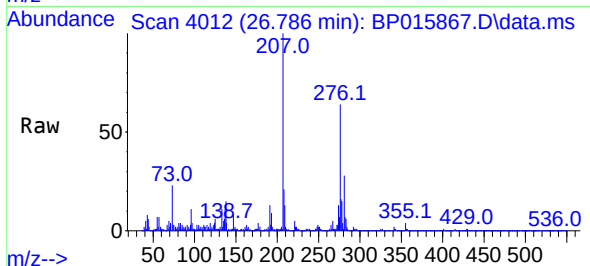
Tgt Ion:252 Resp: 429713
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 13.9 8.2 12.2





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 5.017 ng/ul
 RT: 26.786 min Scan# 4012
 Delta R.T. -0.012 min
 Lab File: BP015867.D
 Acq: 01 Jul 2023 04:09

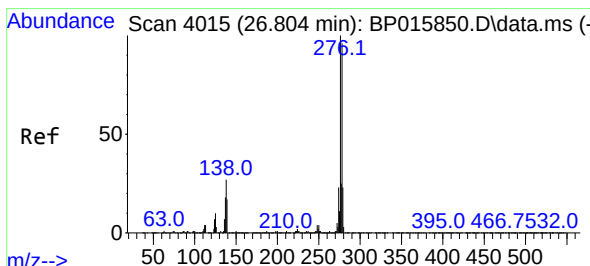
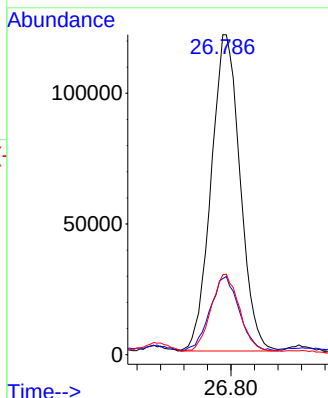
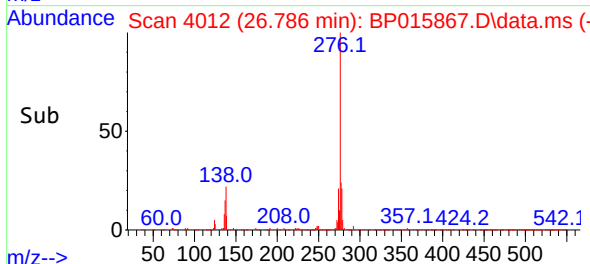
Instrument :
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Tgt Ion:276 Resp: 413704
 Ion Ratio Lower Upper
 276 100
 138 30.4 15.7 23.5
 277 25.0 19.6 29.4

Manual Integrations
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 Supervised By :mohammad ahmed 07/01/2023



#95
 Dibenzo(a,h)anthracene
 Concen: 1.687 ng/ul
 RT: 26.792 min Scan# 4013
 Delta R.T. -0.017 min
 Lab File: BP015867.D
 Acq: 01 Jul 2023 04:09

Tgt Ion:278 Resp: 114289
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.5 15.7#
 279 26.1 18.4 27.6

