

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015937.D
 Acq On : 02 Jul 2023 22:33
 Operator : MA/JU
 Sample : 03239-15
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFZ3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 01:33:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	373755	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1647923	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.698	164	934916	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1701775	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	1118312	20.000	ng/u1	# 0.00
88) Perylene-d12	24.092	264	1329245	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	42791	4.119	ng/uL	0.00
4) Pyridine-d5	3.822	84	430147	16.426	ng/u1	0.00
7) Phenol-d5	7.228	99	860147	26.897	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	610280	30.846	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	706145	29.252	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	508267	20.119	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	358621	28.476	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	402230	27.365	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	652767	24.921	ng/u1	0.02
31) 4-Chloroaniline-d4	11.045	131	626468	18.618	ng/u1	0.02
46) Dimethylphthalate-d6	14.104	166	2142506	29.649	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	2380665	29.307	ng/u1	0.00
54) 4-Nitrophenol-d4	14.986	143	223755	23.464	ng/u1	0.04
60) Fluorene-d10	15.692	176	1702252	28.609	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	162833	15.559	ng/u1	0.01
73) Anthracene-d10	17.563	188	2195115	28.239	ng/u1	0.00
81) Pyrene-d10	19.786	212	2177996	29.826	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.921	264	2026181	30.218	ng/u1	0.00
Target Compounds					Qvalue	
80) Fluoranthene	19.463	202	348960	3.845	ng/u1#	94
82) Pyrene	19.816	202	272762	2.946	ng/u1#	89
85) Benzo(a)anthracene	21.533	228	222691	2.831	ng/u1	96
87) Chrysene	21.592	228	235239	3.152	ng/u1	96
90) Benzo(b)fluoranthene	23.309	252	352022	4.122	ng/u1#	91
91) Benzo(k)fluoranthene	23.357	252	137309m	1.591	ng/u1	
93) Benzo(a)pyrene	23.974	252	218172	2.923	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.803	276	171165	1.689	ng/u1	95
96) Benzo(g,h,i)perylene	27.645	276	150236	1.803	ng/u1#	95

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

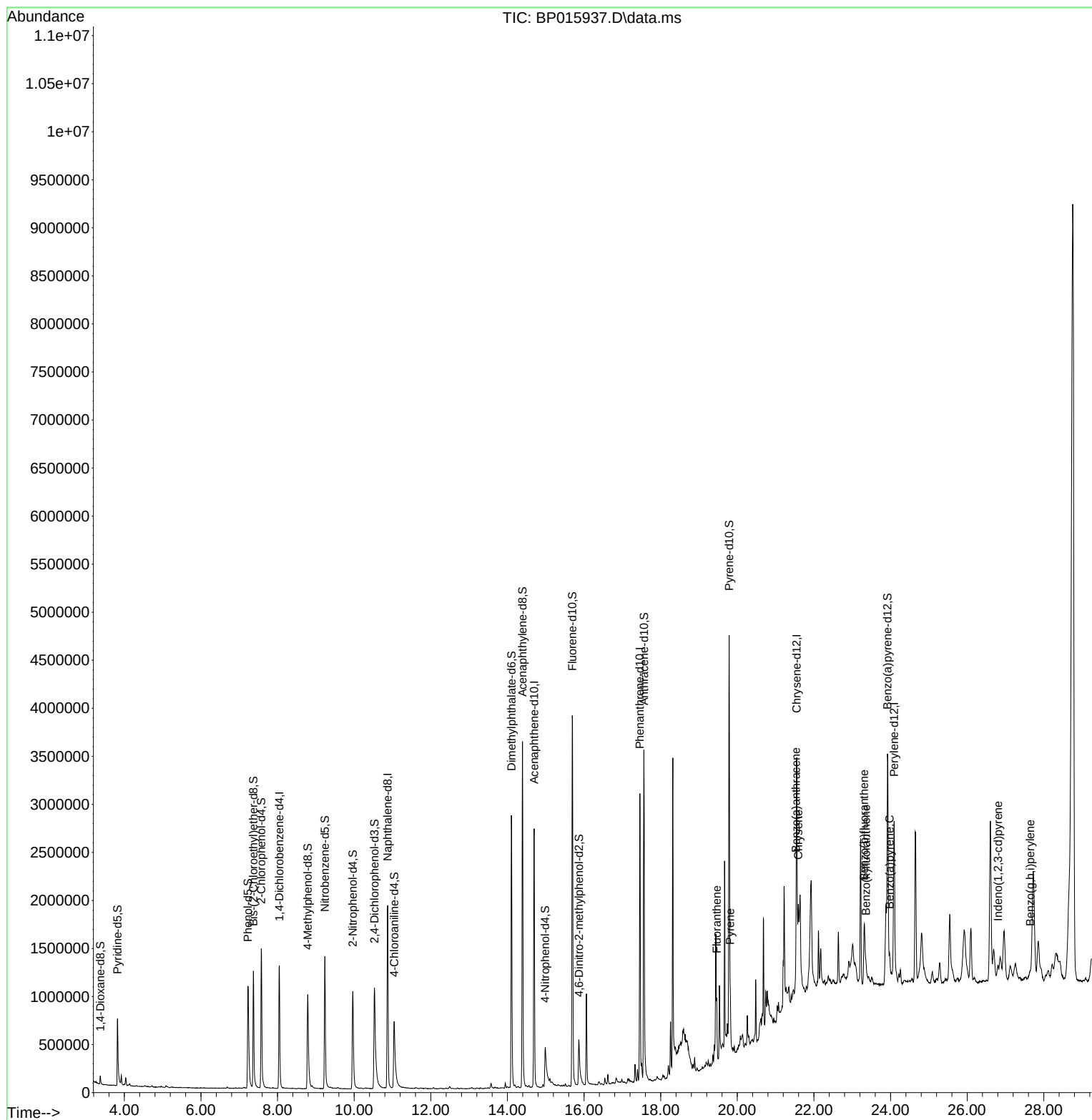
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015937.D
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Operator : MA/JU
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Misc :
ALS Vial : 48 Sample Multiplier: 1

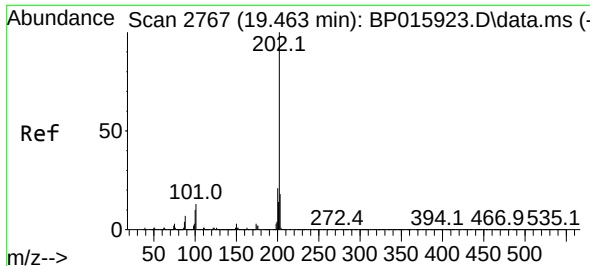
Instrument :
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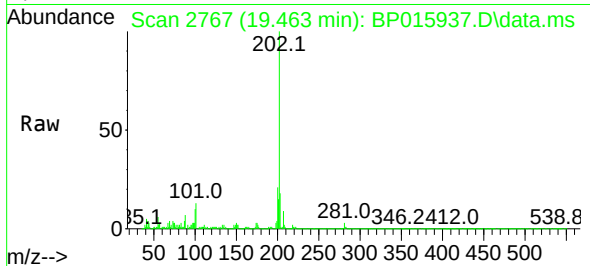
Quant Time: Jul 03 01:33:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration





#80
Fluoranthene
Concen: 3.845 ng/u1
RT: 19.463 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015937.D
Acq: 02 Jul 2023 22:33

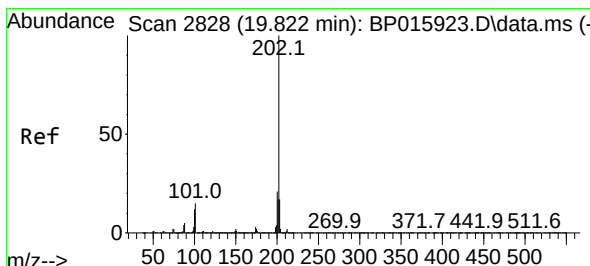
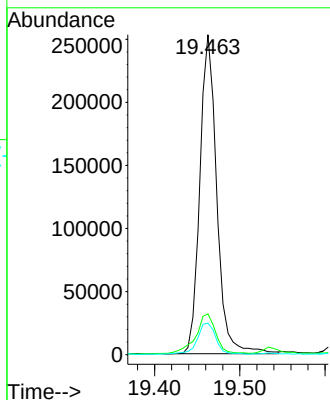
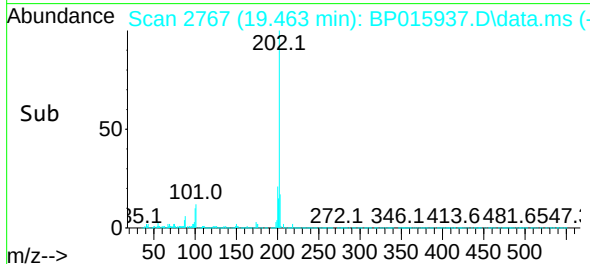
Instrument :
BNA_P
ClientSampleId :
DCFZ3



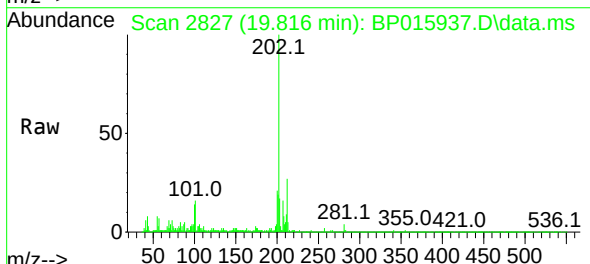
Tgt Ion:202 Resp: 348960
Ion Ratio Lower Upper
202 100
101 12.7 8.3 12.5
100 9.9 6.6 9.8

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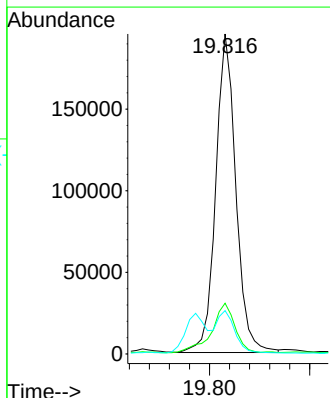
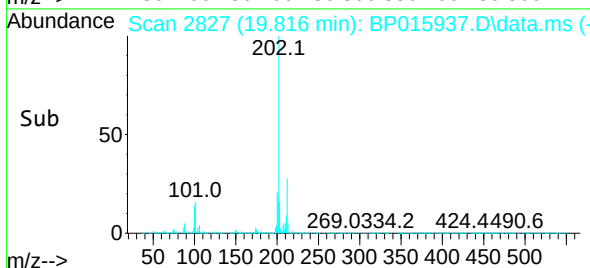
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

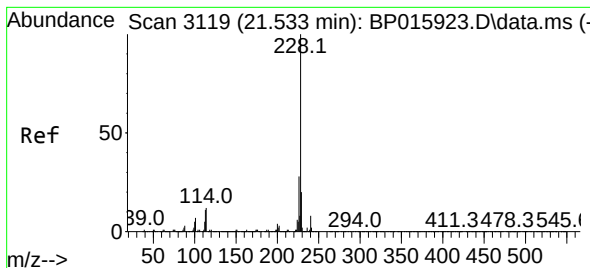


#82
Pyrene
Concen: 2.946 ng/u1
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP015937.D
Acq: 02 Jul 2023 22:33



Tgt Ion:202 Resp: 272762
Ion Ratio Lower Upper
202 100
101 15.9 9.3 13.9#
100 13.6 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 2.831 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015937.D

Acq: 02 Jul 2023 22:33

Instrument :

BNP_P

ClientSampleId :

DCFZ3

Tgt Ion:228 Resp: 22269

Ion Ratio Lower Upper

228 100

229 21.8 15.3 22.9

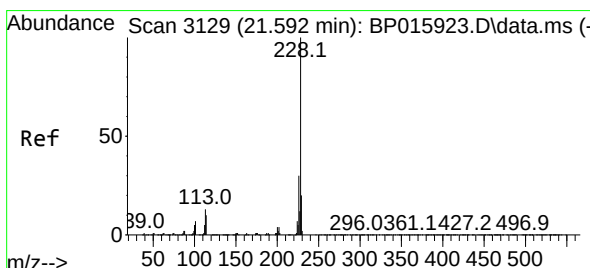
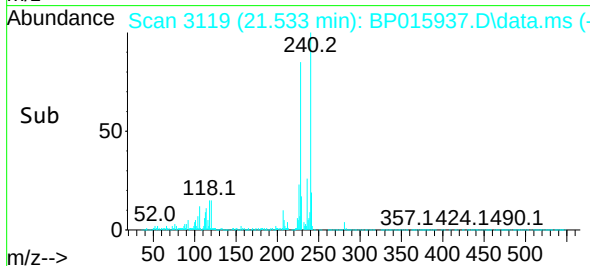
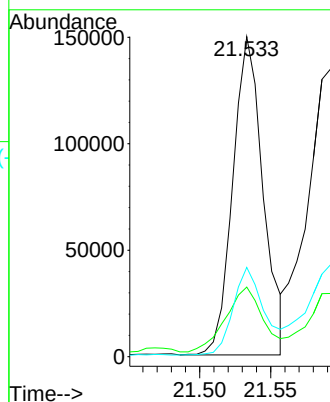
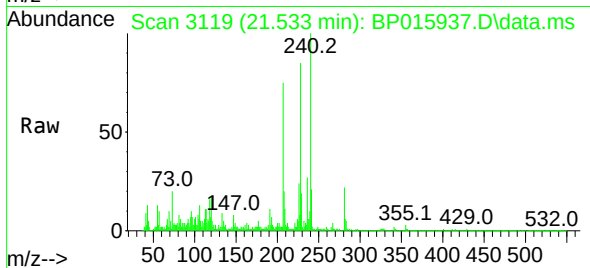
226 27.9 21.4 32.0

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#87

Chrysene

Concen: 3.152 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP015937.D

Acq: 02 Jul 2023 22:33

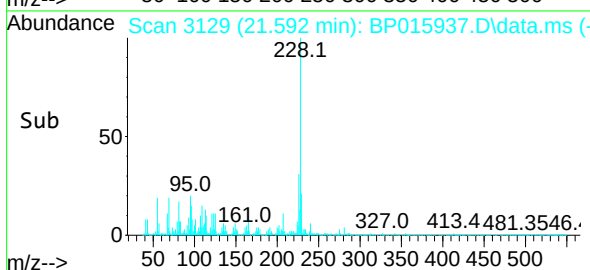
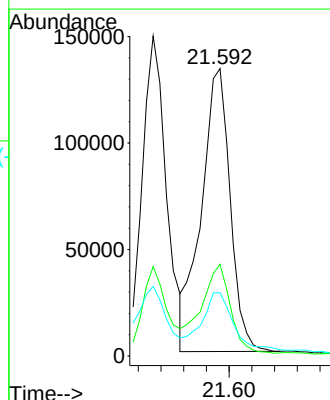
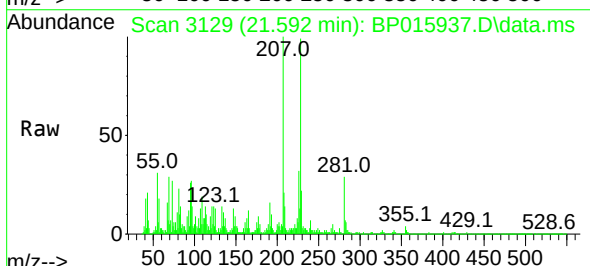
Tgt Ion:228 Resp: 235239

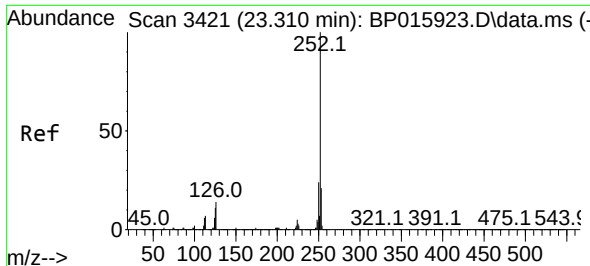
Ion Ratio Lower Upper

228 100

226 31.9 24.3 36.5

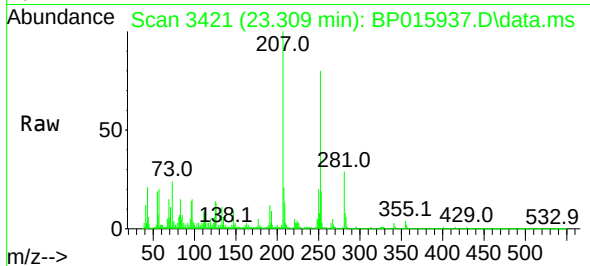
229 22.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 4.122 ng/ul
RT: 23.309 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BP015937.D
Acq: 02 Jul 2023 22:33

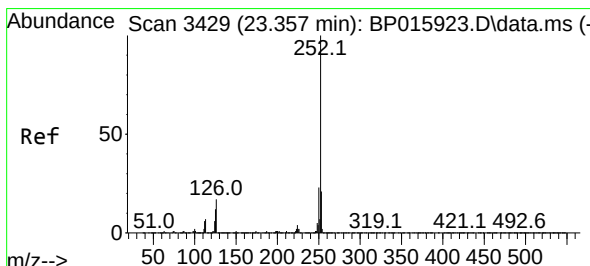
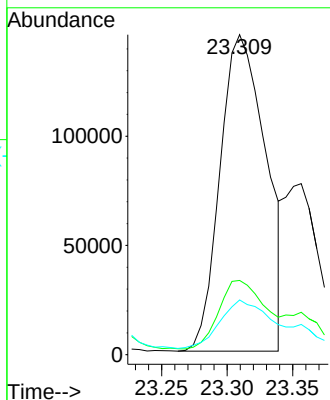
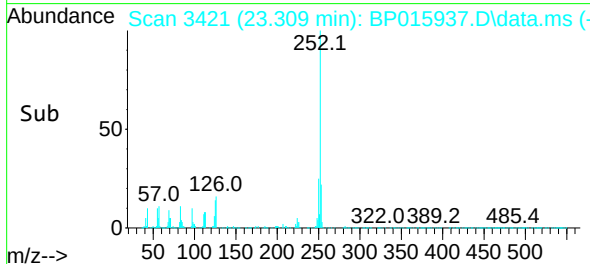
Instrument :
BNA_P
ClientSampleId :
DCFZ3



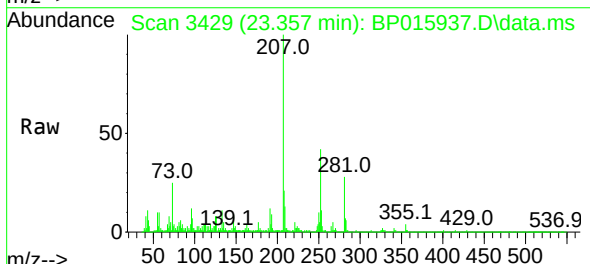
Tgt Ion:252 Resp: 35202
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 17.1 7.5 11.3

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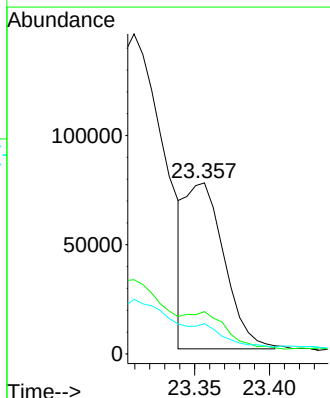
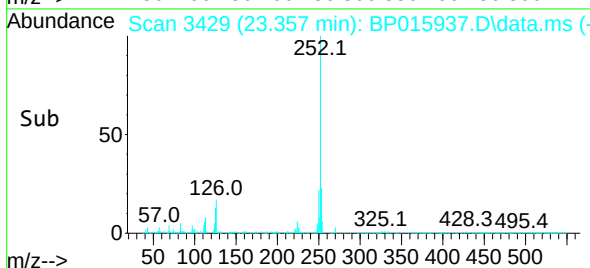
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

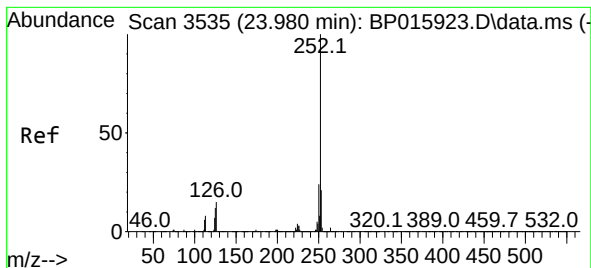


#91
Benzo(k)fluoranthene
Concen: 1.591 ng/ul m
RT: 23.357 min Scan# 3429
Delta R.T. 0.000 min
Lab File: BP015937.D
Acq: 02 Jul 2023 22:33



Tgt Ion:252 Resp: 137309
Ion Ratio Lower Upper
252 100
253 24.8 17.0 25.4
125 17.7 7.3 10.9





#93

Benzo(a)pyrene

Concen: 2.923 ng/ul

RT: 23.974 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BP015937.D

Acq: 02 Jul 2023 22:33

Instrument :

BNA_P

ClientSampleId :

DCFZ3

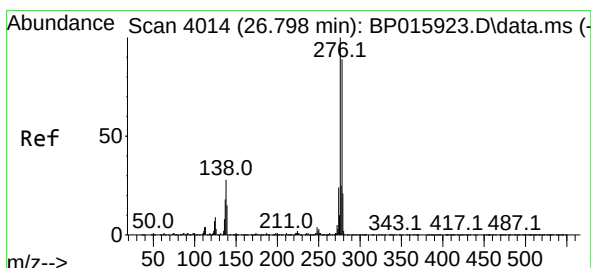
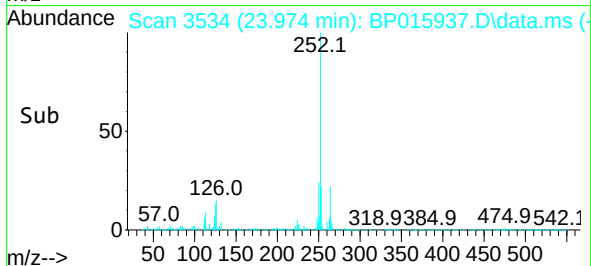
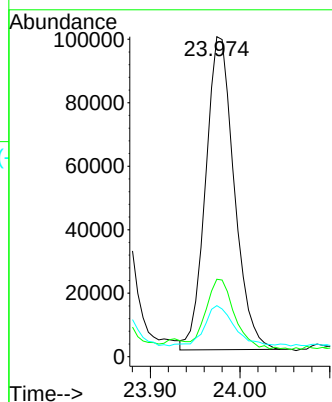
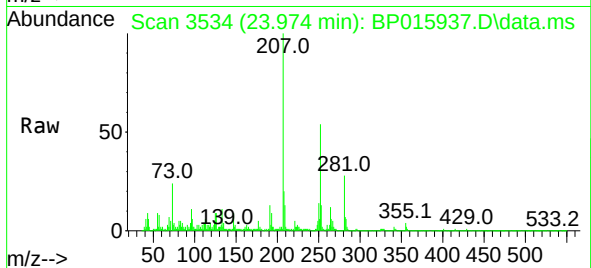
Tgt Ion:	252	Resp:	21817
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.7	26.5
125	15.9	8.2	12.2

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.689 ng/ul

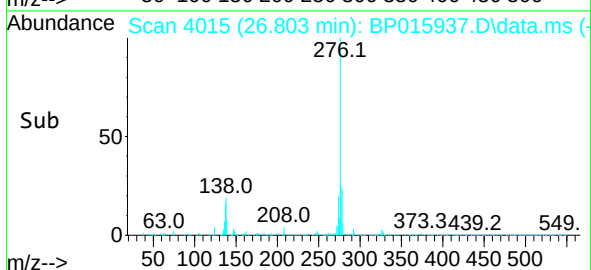
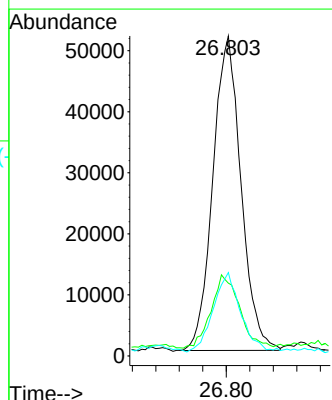
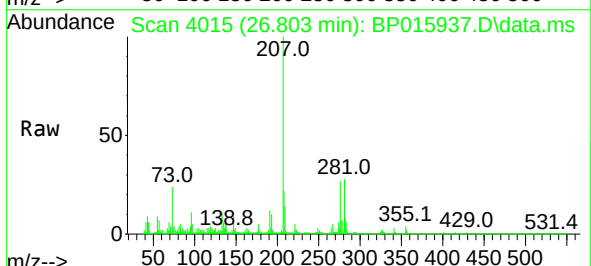
RT: 26.803 min Scan# 4015

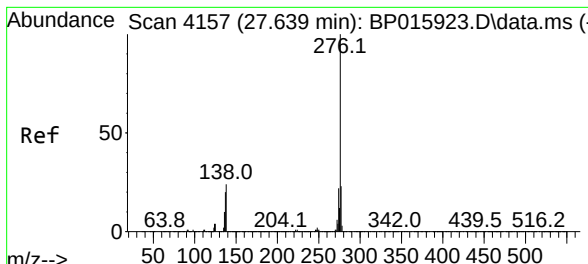
Delta R.T. 0.012 min

Lab File: BP015937.D

Acq: 02 Jul 2023 22:33

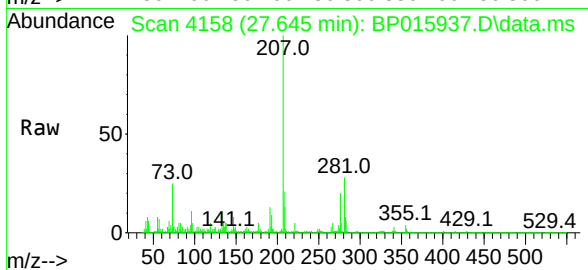
Tgt Ion:	276	Resp:	171165
Ion Ratio	Lower	Upper	
276	100		
138	22.7	15.7	23.5
277	26.1	19.6	29.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.803 ng/ul
 RT: 27.645 min Scan# 4158
 Delta R.T. 0.018 min
 Lab File: BP015937.D
 Acq: 02 Jul 2023 22:33

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 276 Resp: 150230
 Ion Ratio Lower Upper
 276 100
 138 22.9 15.1 22.7
 277 23.9 18.8 28.2

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