

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015933.D
 Acq On : 02 Jul 2023 20:17
 Operator : MA/JU
 Sample : 03245-04
 Misc :
 ALS Vial : 101 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGG2

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 05:04:23 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	325698	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1398138	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	761992	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1321305	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1042540	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1239635	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	31616	3.493	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.234	99	609436	21.869	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	427897	24.819	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	498273	23.687	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	454794	20.659	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	247876	23.198	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	265298	21.274	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.540	165	434029	19.531	ng/ul	0.03
31) 4-Chloroaniline-d4	11.057	131	396359	13.884	ng/ul	0.03
46) Dimethylphthalate-d6	14.110	166	1362430	23.133	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1517581	22.922	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	127028m	16.344	ng/ul	0.05
60) Fluorene-d10	15.698	176	1053965	21.733	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	96431	11.867	ng/ul	0.02
73) Anthracene-d10	17.563	188	1285289	21.296	ng/ul	0.00
81) Pyrene-d10	19.786	212	1451360	21.320	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1455826	23.281	ng/ul	0.00
Target Compounds						
80) Fluoranthene	19.469	202	125609	1.485	ng/ul#	94
82) Pyrene	19.816	202	110512	1.281	ng/ul#	88
87) Chrysene	21.592	228	80908	1.163	ng/ul#	93
90) Benzo(b)fluoranthene	23.310	252	131417	1.650	ng/ul#	74
93) Benzo(a)pyrene	23.974	252	80839	1.161	ng/ul#	87

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

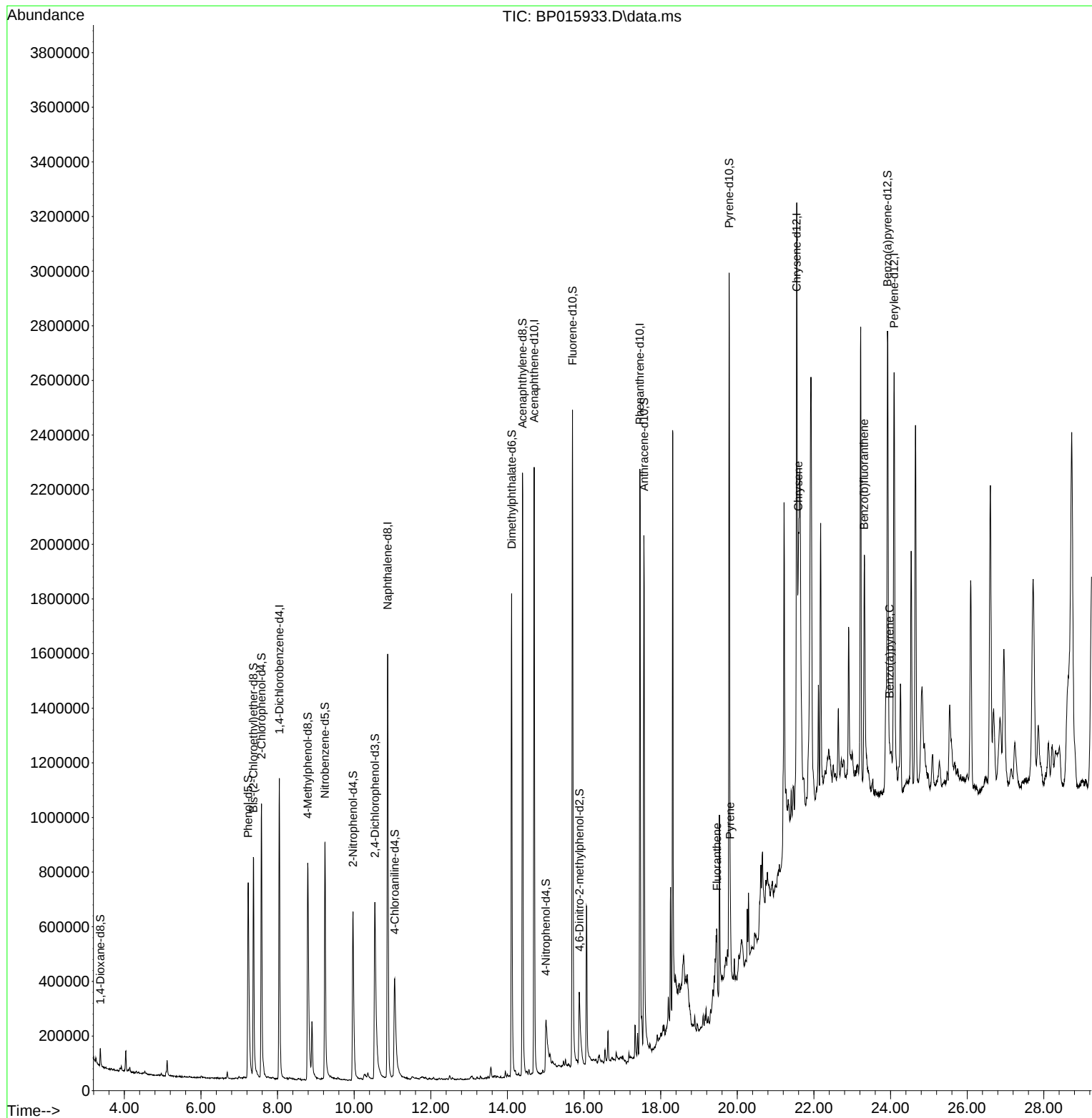
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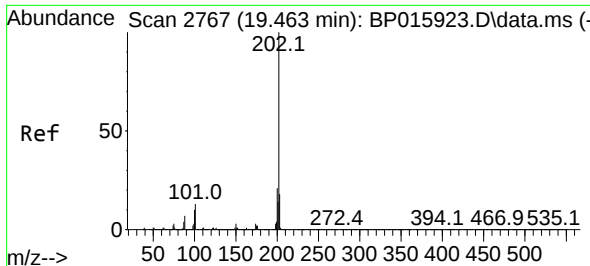
Instrument :
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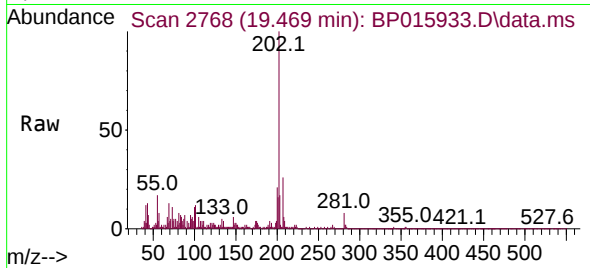
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023





#80
Fluoranthene
Concen: 1.485 ng/ul
RT: 19.469 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP015933.D
Acq: 02 Jul 2023 20:17

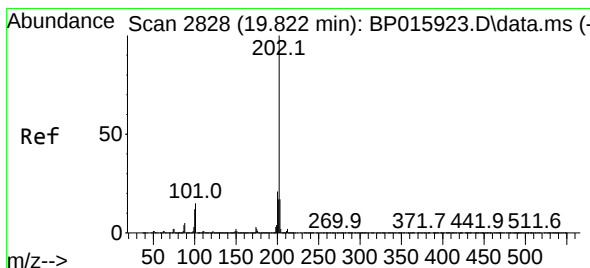
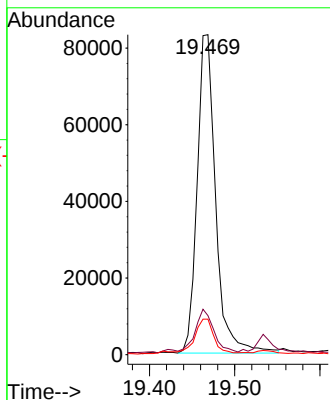
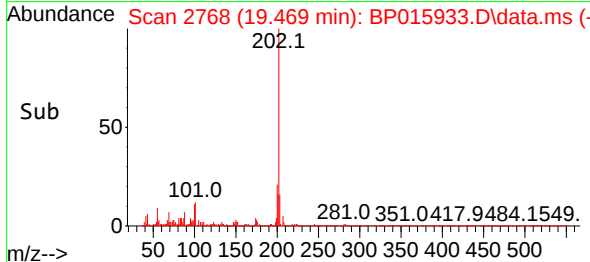
Instrument :
BNA_P
ClientSampleId :
DCGG2



Tgt Ion:202 Resp: 125609
Ion Ratio Lower Upper
202 100
101 12.2 8.3 12.5
100 11.1 6.6 9.8

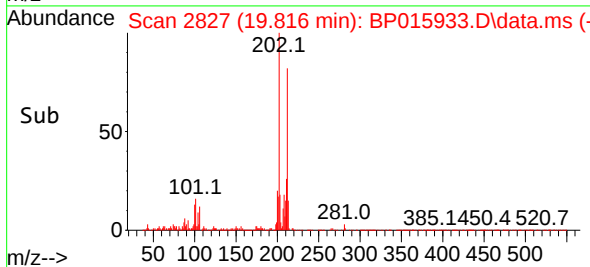
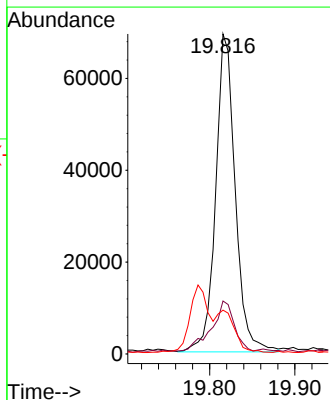
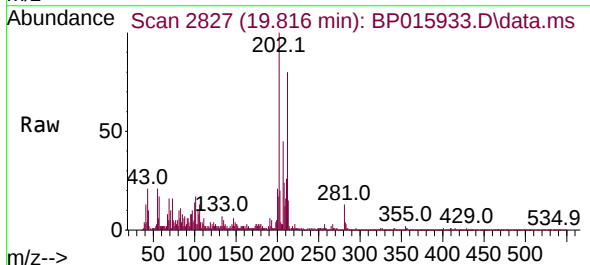
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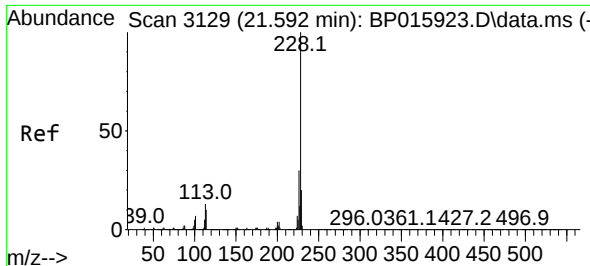
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#82
Pyrene
Concen: 1.281 ng/ul
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP015933.D
Acq: 02 Jul 2023 20:17

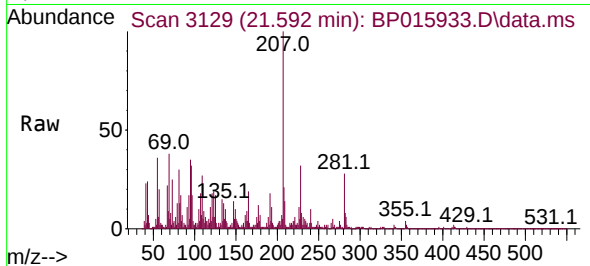
Tgt Ion:202 Resp: 110512
Ion Ratio Lower Upper
202 100
101 16.5 9.3 13.9#
100 13.7 7.6 11.4#





#87
Chrysene
Concen: 1.163 ng/ul
RT: 21.592 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BP015933.D
Acq: 02 Jul 2023 20:17

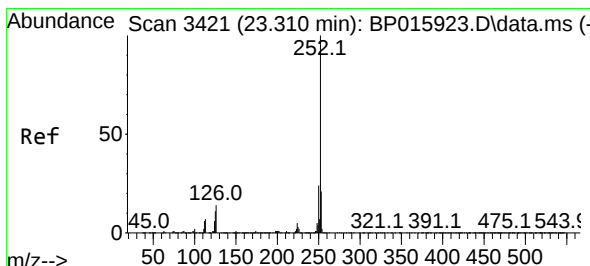
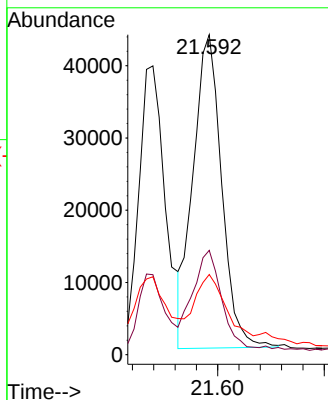
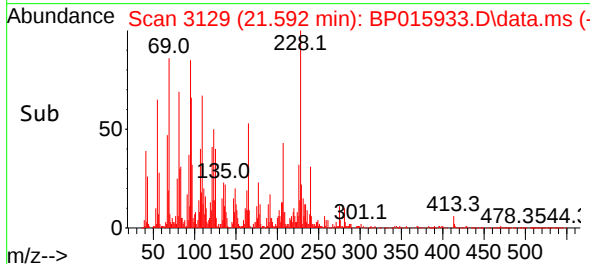
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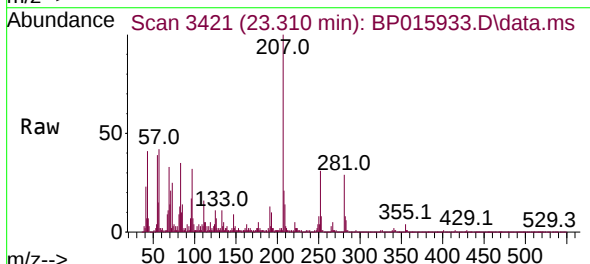
Tgt Ion:228 Resp: 80908
Ion Ratio Lower Upper
228 100
226 32.6 24.3 36.5
229 25.1 15.5 23.3

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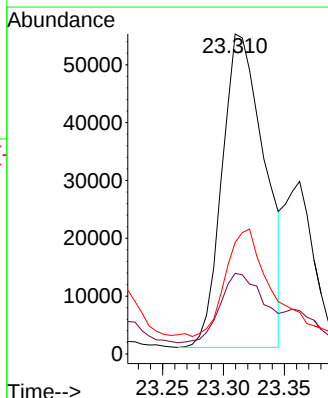
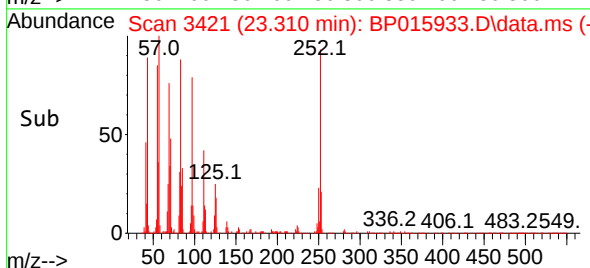
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

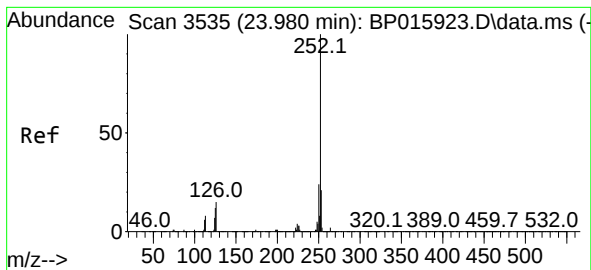


#90
Benzo(b)fluoranthene
Concen: 1.650 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BP015933.D
Acq: 02 Jul 2023 20:17



Tgt Ion:252 Resp: 131417
Ion Ratio Lower Upper
252 100
253 25.2 17.3 25.9
125 34.9 7.5 11.3





#93

Benzo(a)pyrene

Concen: 1.161 ng/ul

RT: 23.974 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015933.D

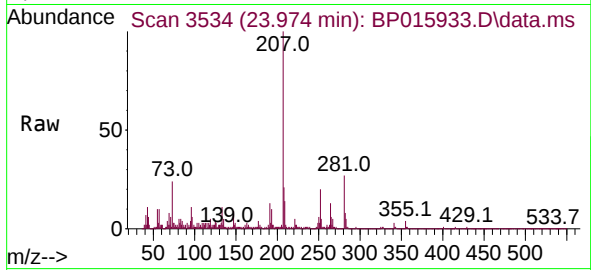
Acq: 02 Jul 2023 20:17

Instrument :

BNA_P

ClientSampleId :

DCGG2



Tgt Ion:252 Resp: 80839

Ion Ratio Lower Upper

252 100

253 24.8 17.7 26.5

125 20.6 8.2 12.2

Manual Integrations

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