

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015954.D
 Acq On : 03 Jul 2023 16:47
 Operator : MA/JU
 Sample : 03245-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGG4

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 03 23:43:40 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	8.040	152	329151	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1351519	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	762986	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1477851	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1239568	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	1467061	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	33667	3.680	ng/uL	0.00
4) Pyridine-d5	3.822	84	169643	7.356	ng/ul	0.00
7) Phenol-d5	7.228	99	636978	22.618	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	423383	24.299	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	497946	23.423	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	497599	22.366	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	240704	23.304	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	269409	22.348	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.540	165	466915	21.735	ng/ul	0.03
31) 4-Chloroaniline-d4	11.063	131	343007	12.430	ng/ul	0.04
46) Dimethylphthalate-d6	14.110	166	1507348	25.560	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1709265	25.783	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	173170m	22.252	ng/ul	0.04
60) Fluorene-d10	15.698	176	1225862	25.245	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	145702m	16.031	ng/ul	0.01
73) Anthracene-d10	17.563	188	1669517	24.732	ng/ul	0.00
81) Pyrene-d10	19.786	212	1894253	23.403	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1897656	25.642	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.498	178	569057	7.088	ng/ul	99
80) Fluoranthene	19.463	202	1008207	10.023	ng/ul#	94
82) Pyrene	19.816	202	702262	6.844	ng/ul#	90
85) Benzo(a)anthracene	21.533	228	256814m	2.945	ng/ul	
87) Chrysene	21.586	228	366599	4.431	ng/ul	98
90) Benzo(b)fluoranthene	23.316	252	416527	4.419	ng/ul#	93
91) Benzo(k)fluoranthene	23.357	252	140800m	1.478	ng/ul	
93) Benzo(a)pyrene	23.980	252	204143	2.478	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	26.809	276	157458	1.408	ng/ul#	93
96) Benzo(g,h,i)perylene	27.645	276	139635	1.518	ng/ul#	88

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

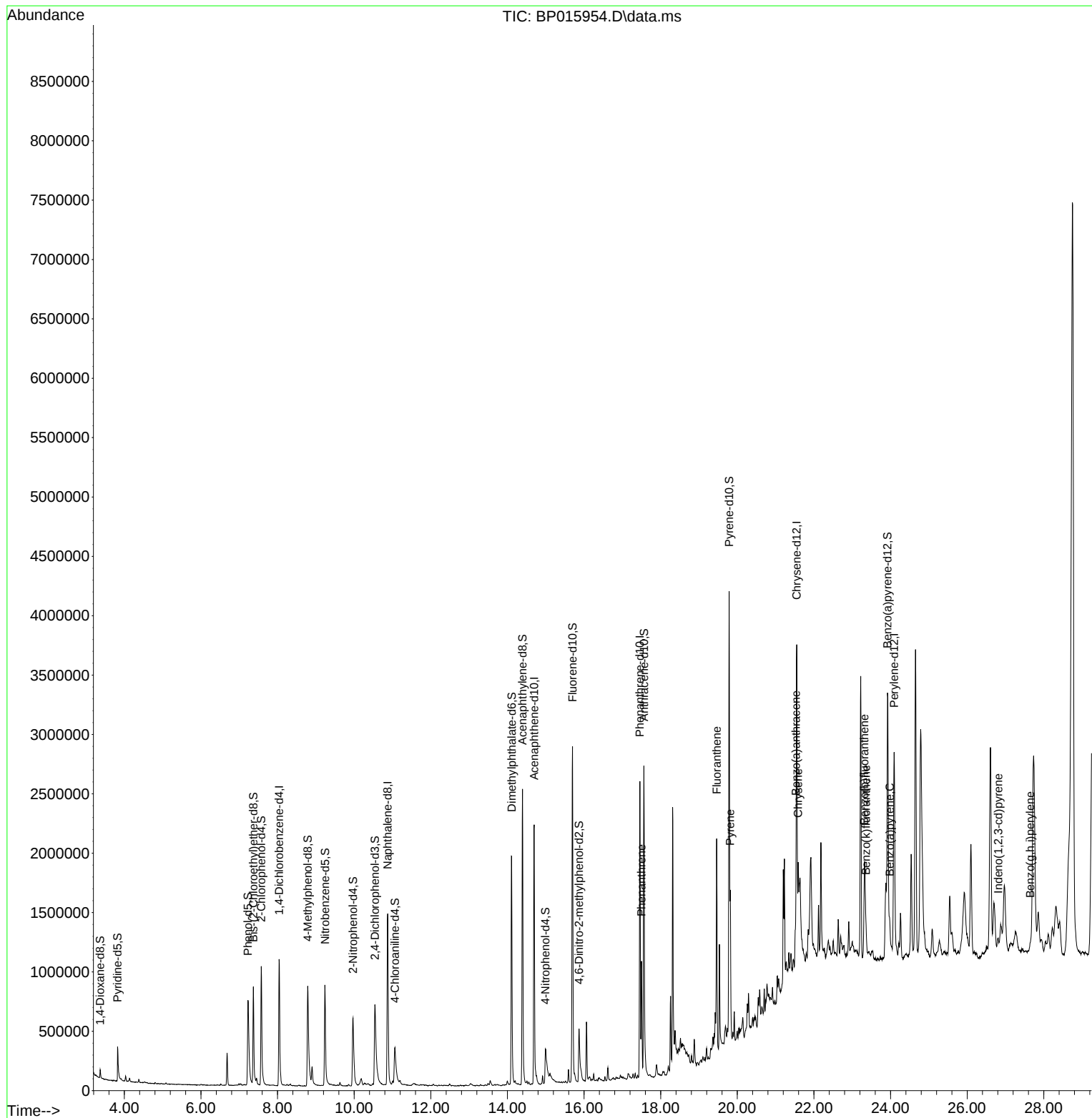
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015954.D
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ALS Vial : 8 Sample Multiplier: 1

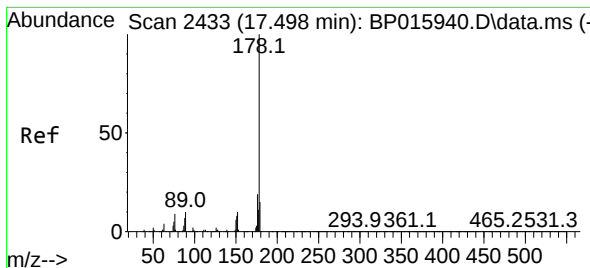
Instrument :
BNA_P
ClientSampleId :
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Quant Time: Jul 03 23:43:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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#72

Phenanthrene

Concen: 7.088 ng/u1

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP015954.D

Acq: 03 Jul 2023 16:47

Instrument :

BNA_P

ClientSampleId :

DCGG4

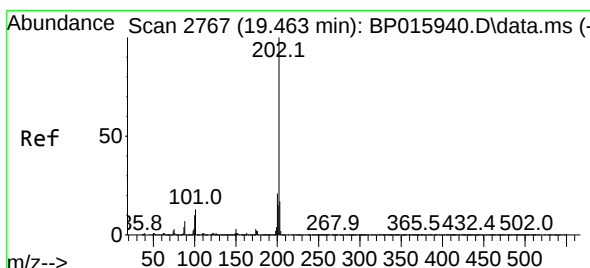
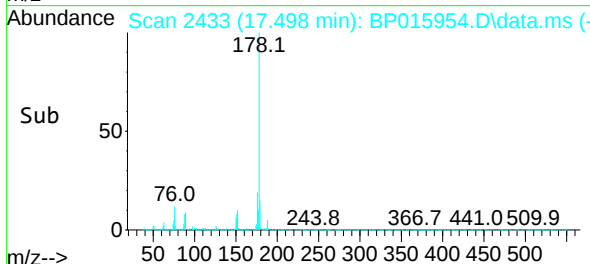
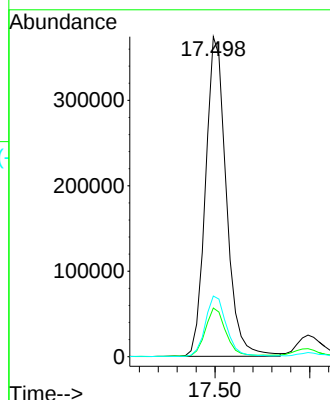
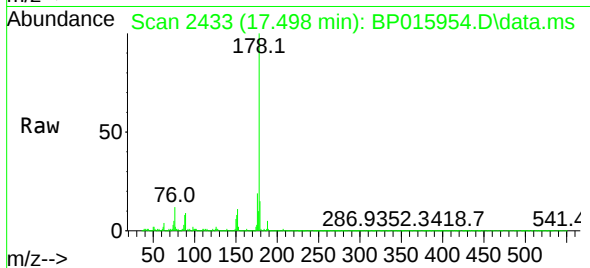
Tgt Ion:178 Resp: 56905
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.4 18.6
 176 18.9 15.6 23.4

Manual Integrations

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#80

Fluoranthene

Concen: 10.023 ng/u1

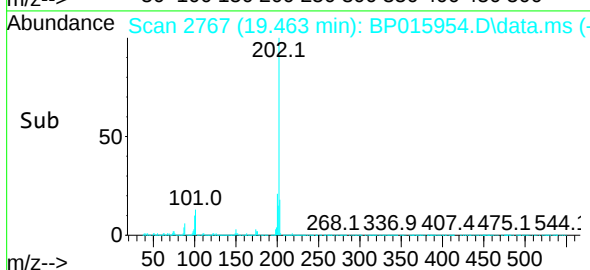
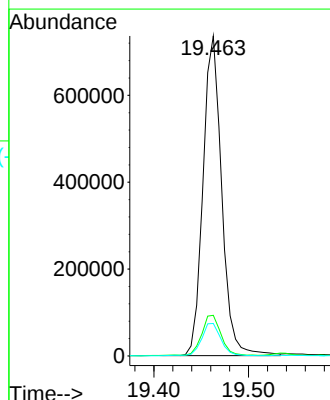
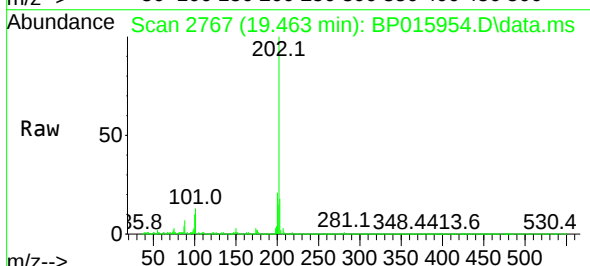
RT: 19.463 min Scan# 2767

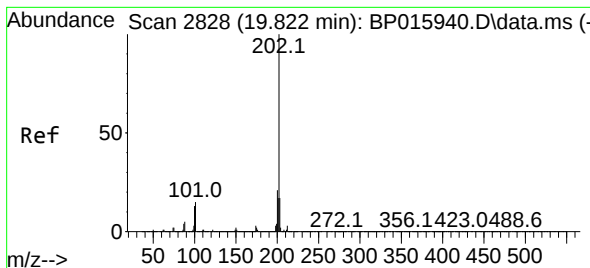
Delta R.T. 0.000 min

Lab File: BP015954.D

Acq: 03 Jul 2023 16:47

Tgt Ion:202 Resp: 1008207
 Ion Ratio Lower Upper
 202 100
 101 12.7 8.3 12.5#
 100 10.2 6.6 9.8#





#82

Pyrene

Concen: 6.844 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015954.D

Acq: 03 Jul 2023 16:47

Instrument :

BNA_P

ClientSampleId :

DCGG4

Tgt Ion:202 Resp: 70226

Ion Ratio Lower Upper

202 100

101 16.0 9.3 13.9

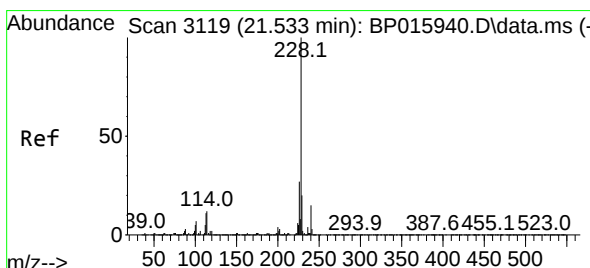
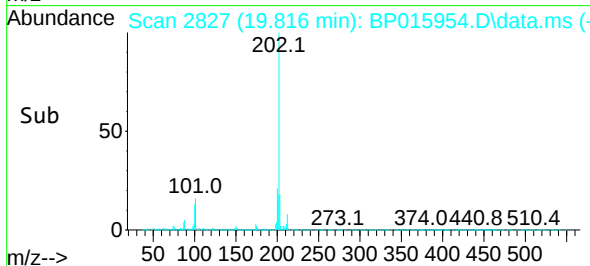
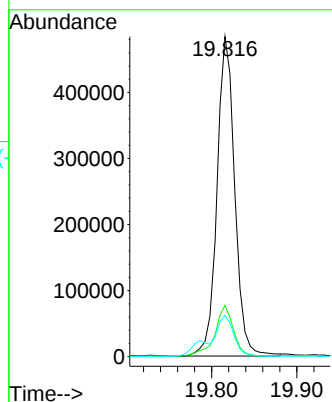
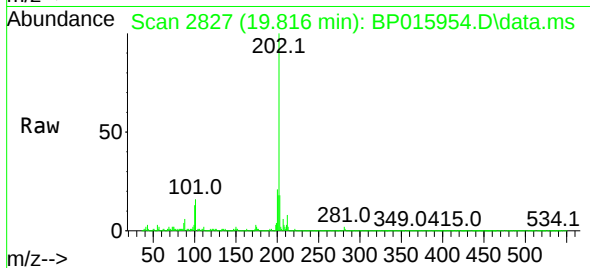
100 12.9 7.6 11.4

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#85

Benzo(a)anthracene

Concen: 2.945 ng/ul m

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015954.D

Acq: 03 Jul 2023 16:47

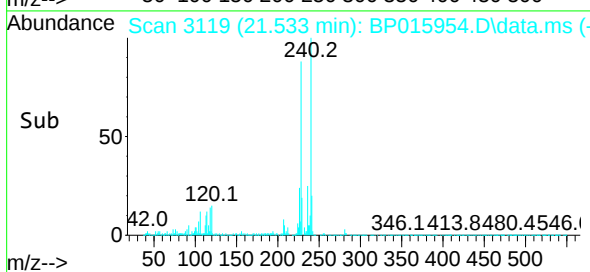
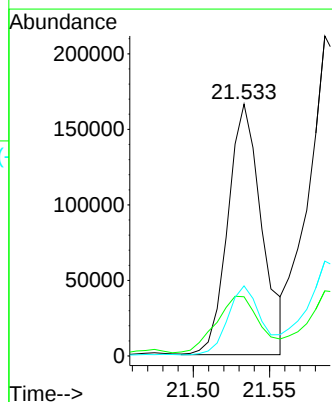
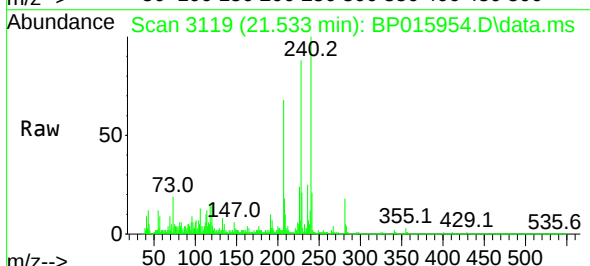
Tgt Ion:228 Resp: 256814

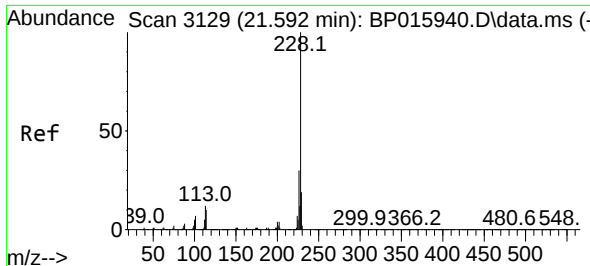
Ion Ratio Lower Upper

228 100

229 23.5 15.3 22.9

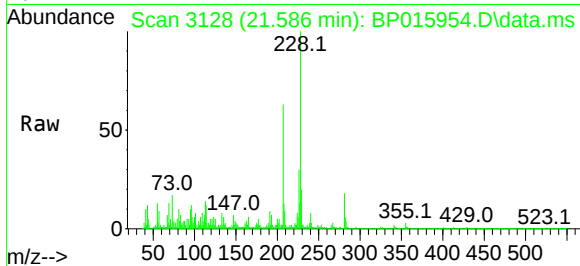
226 27.8 21.4 32.0





#87
Chrysene
Concen: 4.431 ng/ul
RT: 21.586 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP015954.D
Acq: 03 Jul 2023 16:47

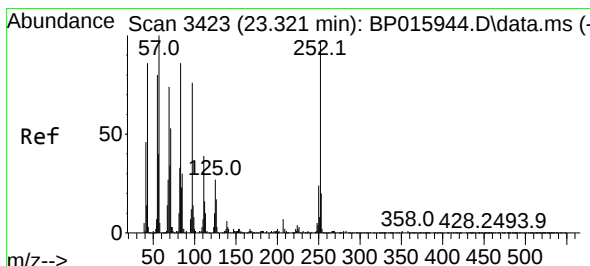
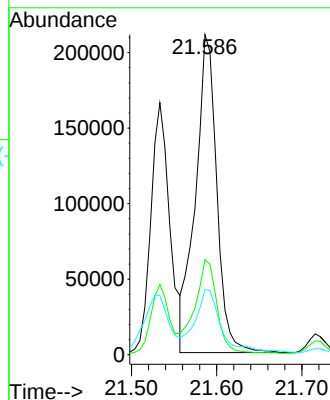
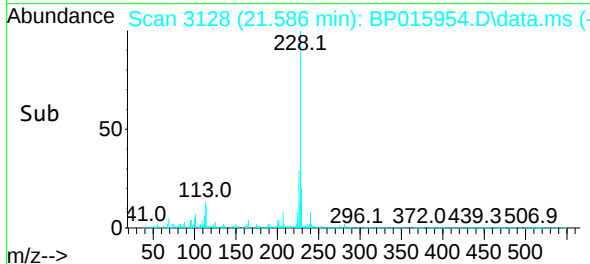
Instrument :
BNA_P
ClientSampleId :
DCGG4



Tgt Ion:228 Resp: 366599
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 20.4 15.5 23.3

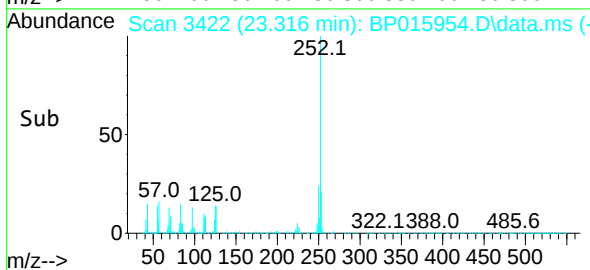
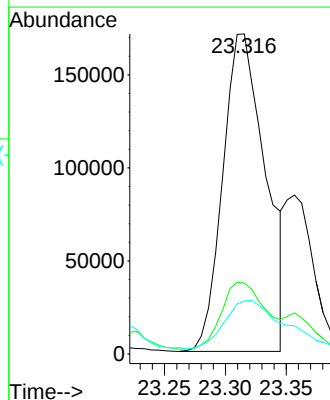
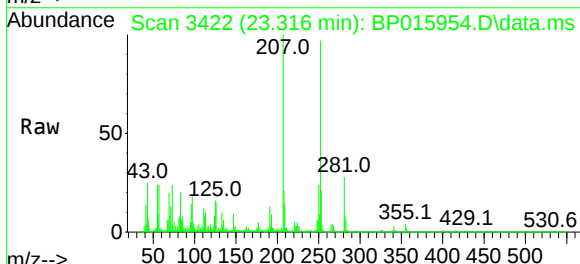
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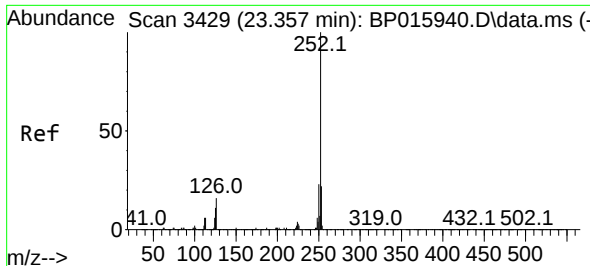
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#90
Benzo(b)fluoranthene
Concen: 4.419 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BP015954.D
Acq: 03 Jul 2023 16:47

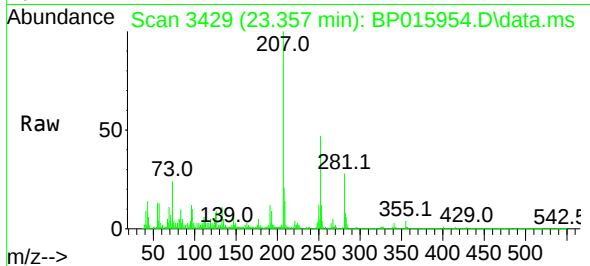
Tgt Ion:252 Resp: 416527
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 16.6 7.5 11.3#





#91
Benzo(k)fluoranthene
Concen: 1.478 ng/ul m
RT: 23.357 min Scan# 3429
Delta R.T. 0.000 min
Lab File: BP015954.D
Acq: 03 Jul 2023 16:47

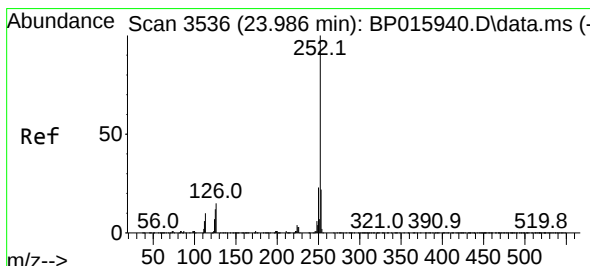
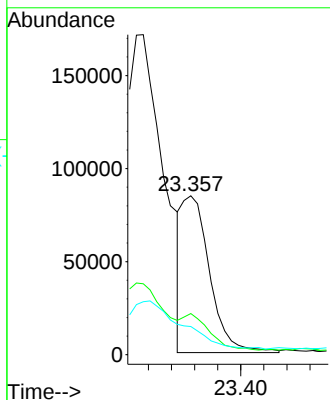
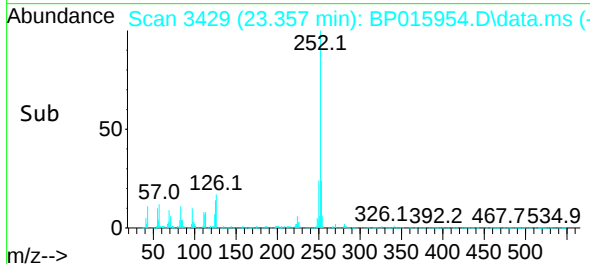
Instrument :
BNA_P
ClientSampleId :
DCGG4



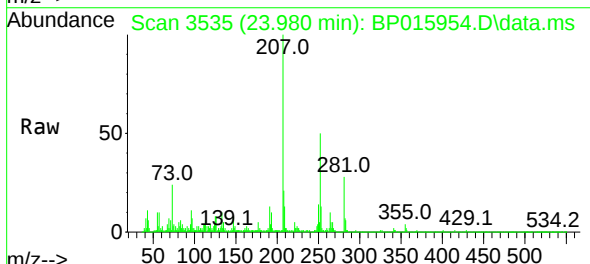
Tgt Ion:252 Resp: 140800
Ion Ratio Lower Upper
252 100
253 25.8 17.0 25.4
125 17.8 7.3 10.9

Manual Integrations
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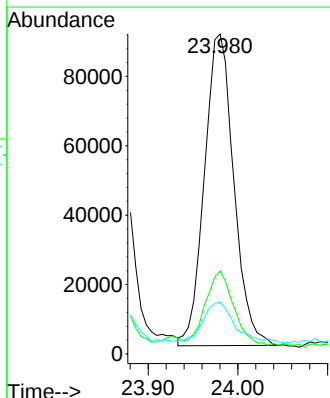
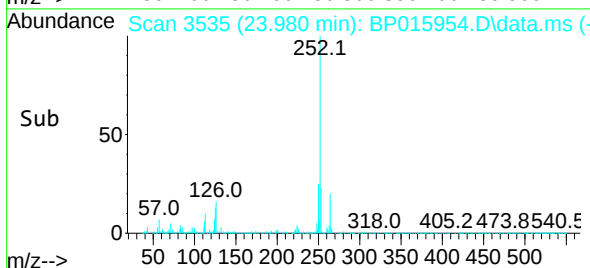
Reviewed By :Sohil Jodhani 07/04/2023
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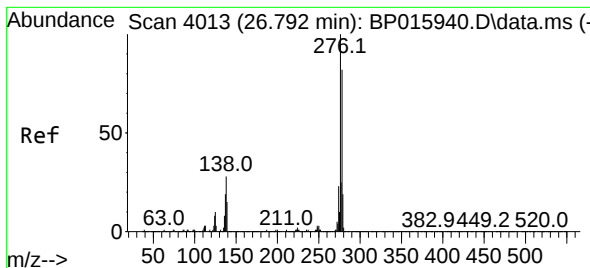


#93
Benzo(a)pyrene
Concen: 2.478 ng/ul
RT: 23.980 min Scan# 3535
Delta R.T. 0.000 min
Lab File: BP015954.D
Acq: 03 Jul 2023 16:47



Tgt Ion:252 Resp: 204143
Ion Ratio Lower Upper
252 100
253 25.9 17.7 26.5
125 16.2 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.408 ng/ul

RT: 26.809 min Scan# 4013

Delta R.T. 0.018 min

Lab File: BP015954.D

Acq: 03 Jul 2023 16:47

Instrument :

BNA_P

ClientSampleId :

DCGG4

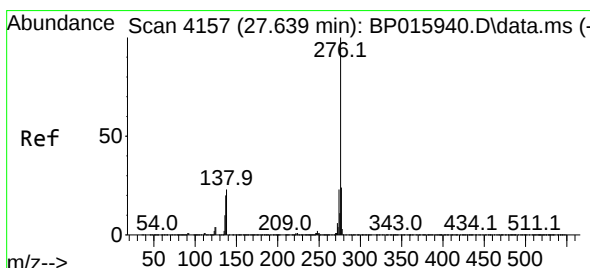
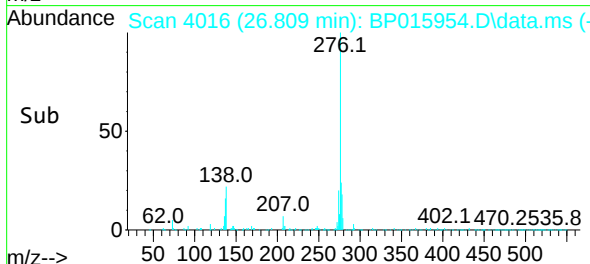
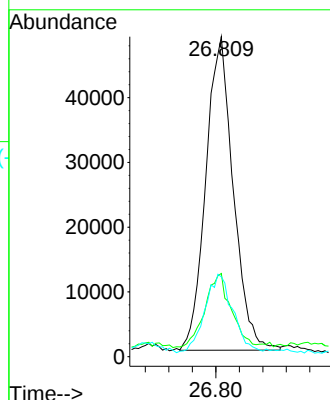
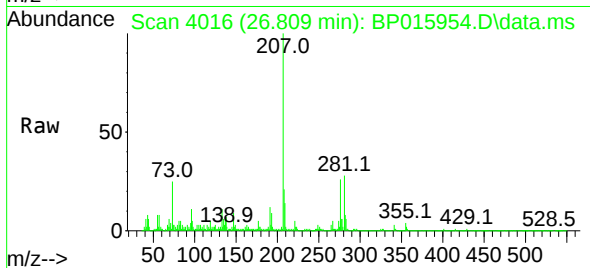
Tgt Ion:276 Resp: 157458
 Ion Ratio Lower Upper
 276 100
 138 26.0 15.7 23.5
 277 25.0 19.6 29.4

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2023



#96

Benzo(g,h,i)perylene

Concen: 1.518 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.018 min

Lab File: BP015954.D

Acq: 03 Jul 2023 16:47

Tgt Ion:276 Resp: 139635
 Ion Ratio Lower Upper
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 138 27.5 15.1 22.7#
 277 26.9 18.8 28.2

