

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015990.D
 Acq On : 04 Jul 2023 23:37
 Operator : MA/JU
 Sample : 03245-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGG5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 03:04:37 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	8.034	152	372901	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.863	136	1599527	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.692	164	904422	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1750621	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1395080	20.000	ng/ul	0.00
88) Perylene-d12	24.086	264	1593853	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	53434	5.155	ng/uL	0.00
4) Pyridine-d5	3.817	84	309726	11.855	ng/ul	0.00
7) Phenol-d5	7.222	99	1089573	34.150	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	721204	36.536	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	840485	34.897	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	872071	34.599	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	419751	34.338	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	473177	33.166	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	801201	31.514	ng/ul	0.01
31) 4-Chloroaniline-d4	11.040	131	699938	21.431	ng/ul	0.01
46) Dimethylphthalate-d6	14.104	166	2510378	35.911	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	2813785	35.807	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	295136m	31.993	ng/ul	0.04
60) Fluorene-d10	15.692	176	2003622	34.810	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	221504	20.574	ng/ul	0.00
73) Anthracene-d10	17.557	188	2639987	33.014	ng/ul	0.00
81) Pyrene-d10	19.786	212	3058313	33.573	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	2928326	36.421	ng/ul	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.457	202	368039	3.251	ng/ul#	91
82) Pyrene	19.810	202	333686	2.889	ng/ul#	89
85) Benzo(a)anthracene	21.527	228	220022	2.242	ng/ul#	94
87) Chrysene	21.586	228	216538	2.326	ng/ul	96
90) Benzo(b)fluoranthene	23.304	252	394314	3.850	ng/ul#	94
91) Benzo(k)fluoranthene	23.351	252	136611m	1.320	ng/ul	
93) Benzo(a)pyrene	23.974	252	212731	2.377	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.798	276	180658	1.487	ng/ul#	90
96) Benzo(g,h,i)perylene	27.639	276	160980	1.611	ng/ul#	94

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

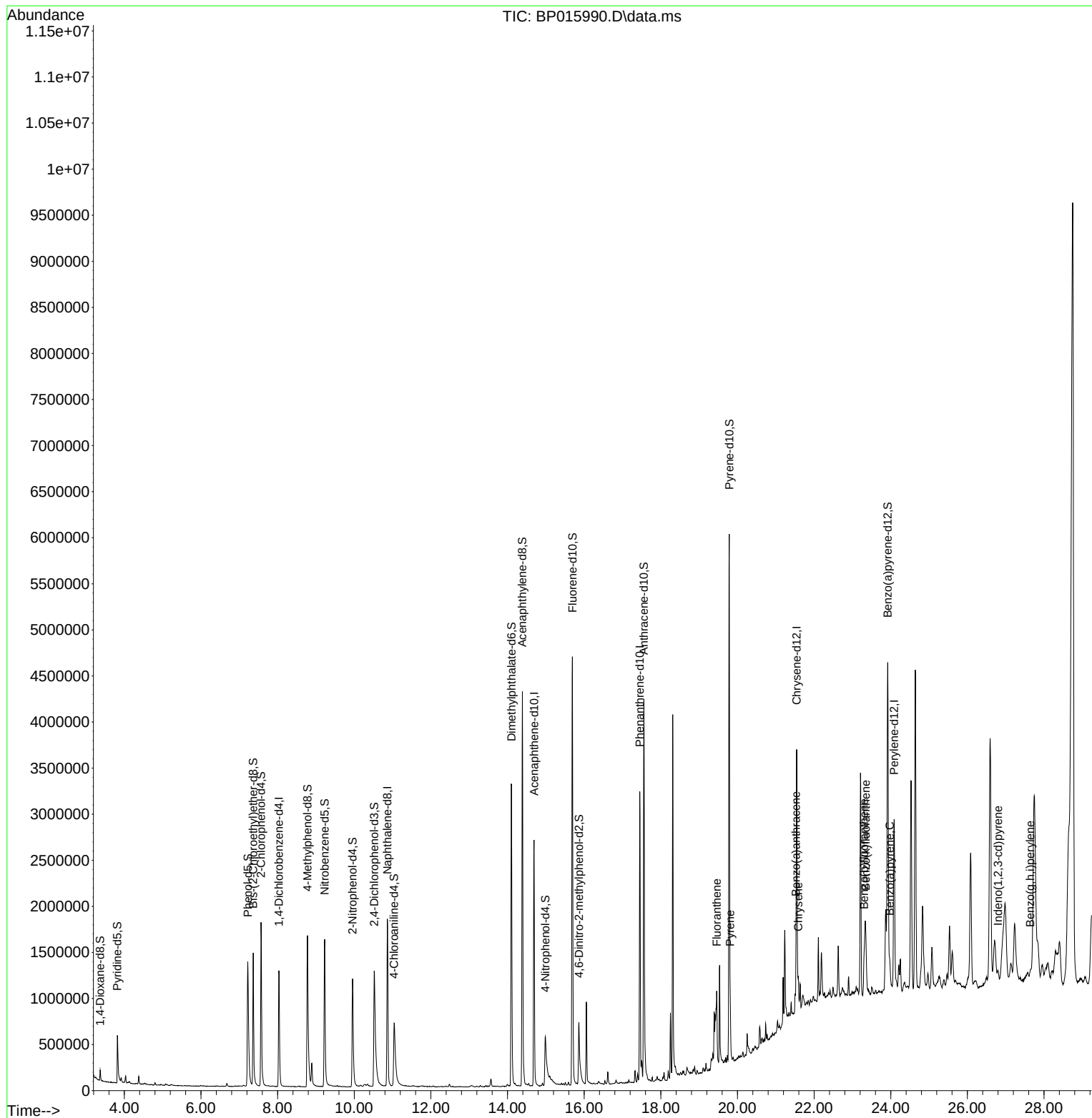
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015990.D
Acq On : 04 Jul 2023 23:37
Operator : MA/JU
Sample : 03245-07
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ALS Vial : 37 Sample Multiplier: 1

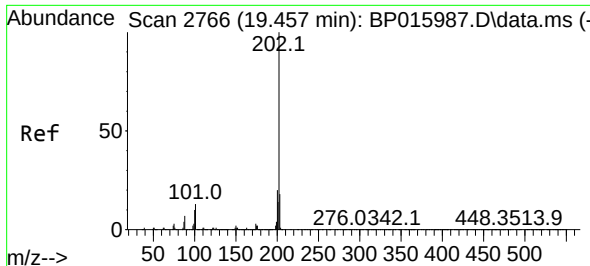
Instrument :
BNA_P
ClientSampleId :
DCG5

Quant Time: Jul 05 03:04:37 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
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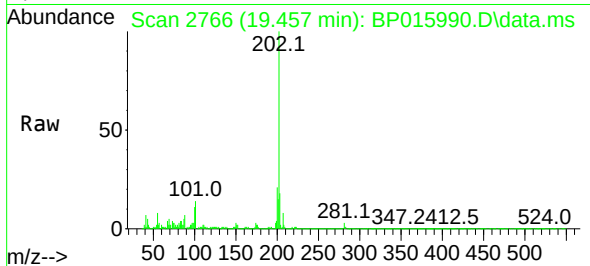
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#80
Fluoranthene
Concen: 3.251 ng/u1
RT: 19.457 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BP015990.D
Acq: 04 Jul 2023 23:37

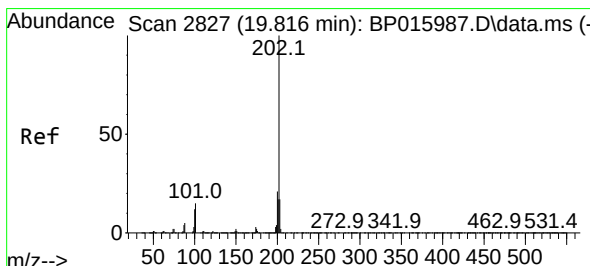
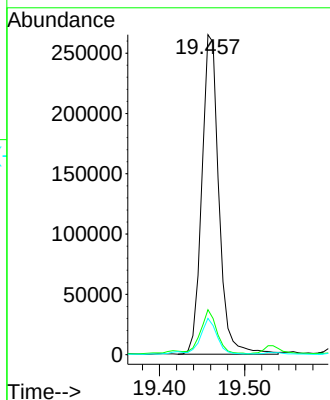
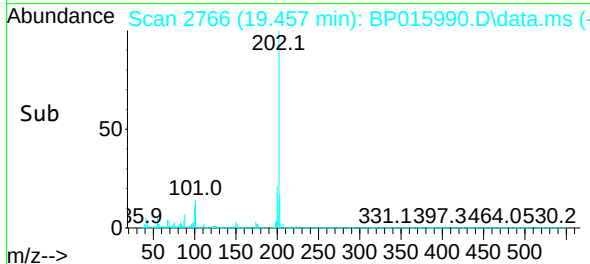
Instrument :
BNA_P
ClientSampleId :
DCGG5



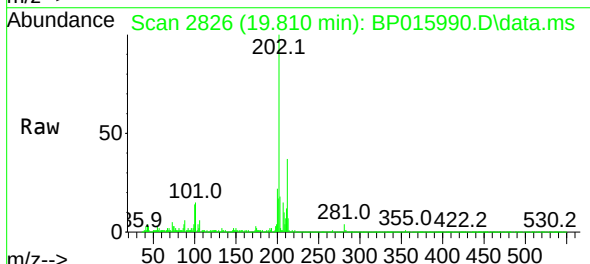
Tgt Ion:202 Resp: 368039
Ion Ratio Lower Upper
202 100
101 14.0 8.3 12.5#
100 11.3 6.6 9.8#

Manual Integrations
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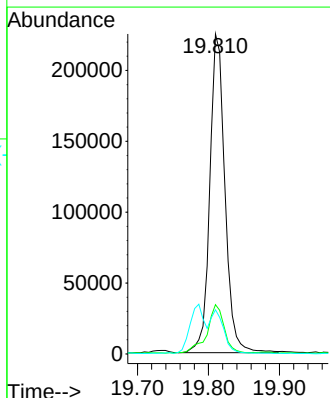
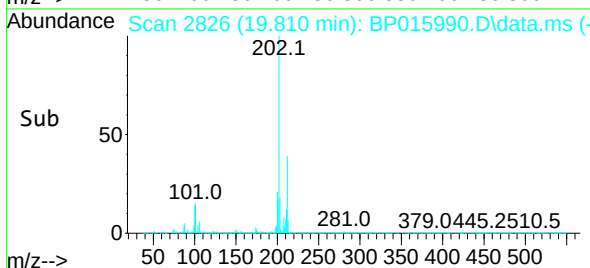
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

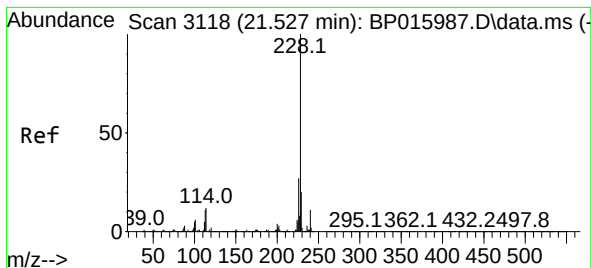


#82
Pyrene
Concen: 2.889 ng/u1
RT: 19.810 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BP015990.D
Acq: 04 Jul 2023 23:37



Tgt Ion:202 Resp: 333686
Ion Ratio Lower Upper
202 100
101 15.4 9.3 13.9#
100 13.8 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 2.242 ng/u1

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP015990.D

Acq: 04 Jul 2023 23:37

Instrument :

BNA_P

ClientSampleId :

DCGG5

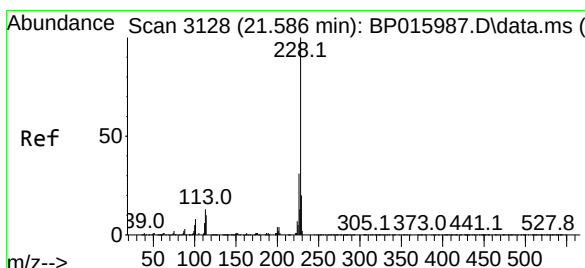
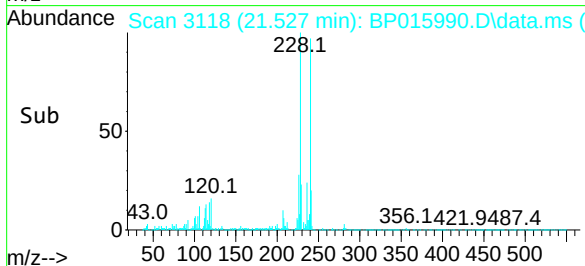
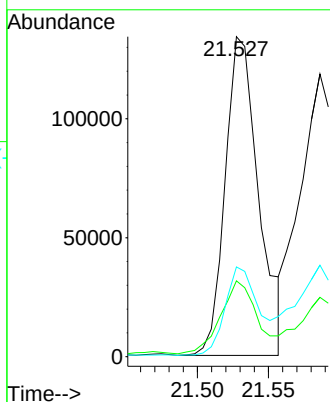
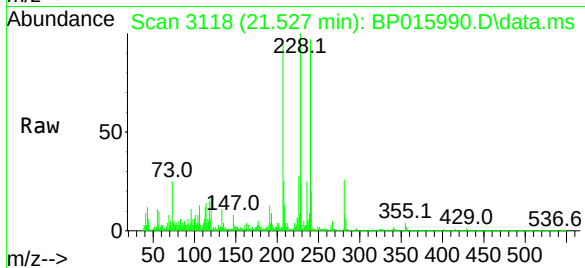
Tgt Ion:228 Resp: 22002
 Ion Ratio Lower Upper
 228 100
 229 23.7 15.3 22.9
 226 28.1 21.4 32.0

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#87

Chrysene

Concen: 2.326 ng/u1

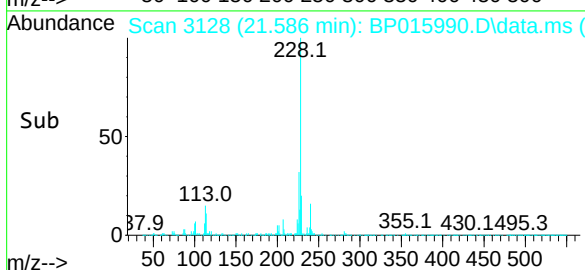
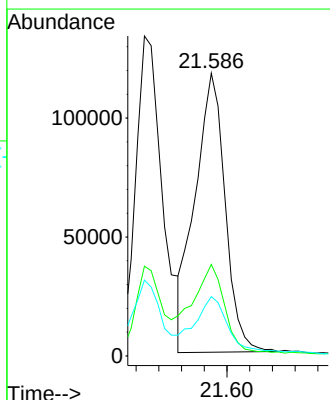
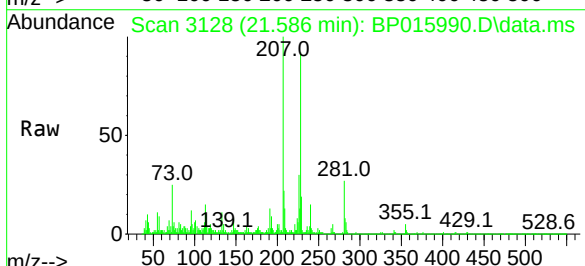
RT: 21.586 min Scan# 3128

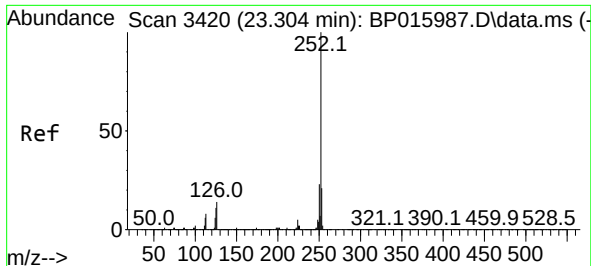
Delta R.T. 0.000 min

Lab File: BP015990.D

Acq: 04 Jul 2023 23:37

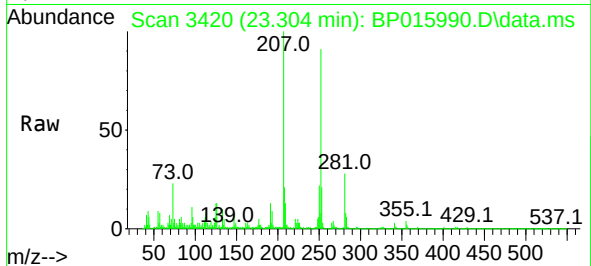
Tgt Ion:228 Resp: 216538
 Ion Ratio Lower Upper
 228 100
 226 32.4 24.3 36.5
 229 21.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 3.850 ng/ul
RT: 23.304 min Scan# 3420
Delta R.T. -0.006 min
Lab File: BP015990.D
Acq: 04 Jul 2023 23:37

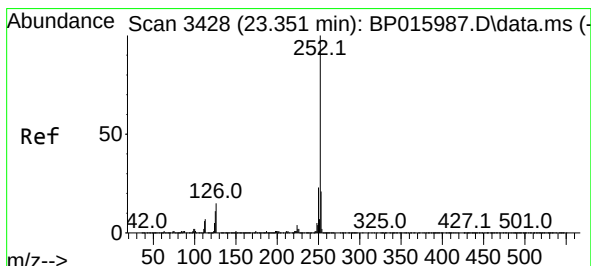
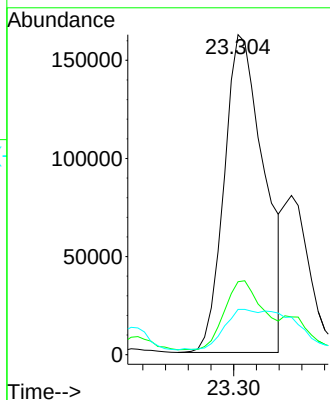
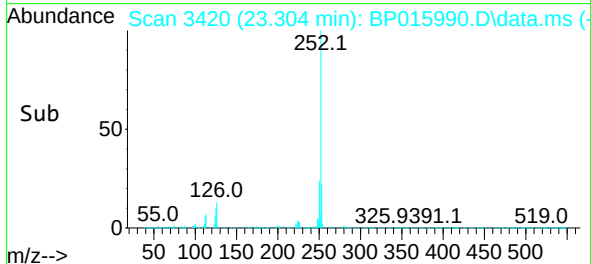
Instrument :
BNA_P
ClientSampleId :
DCGG5



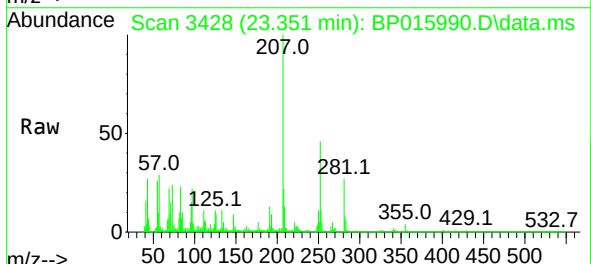
Tgt Ion:252 Resp: 394314
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 14.1 7.5 11.3

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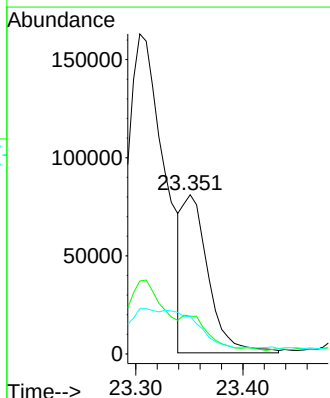
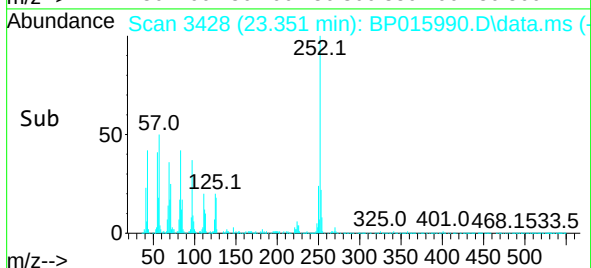
Reviewed By :Yogesh Patel 07/05/2023
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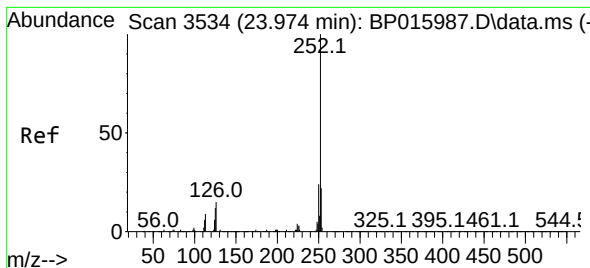


#91
Benzo(k)fluoranthene
Concen: 1.320 ng/ul m
RT: 23.351 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BP015990.D
Acq: 04 Jul 2023 23:37



Tgt Ion:252 Resp: 136611
Ion Ratio Lower Upper
252 100
253 23.7 17.0 25.4
125 23.6 7.3 10.9





#93

Benzo(a)pyrene

Concen: 2.377 ng/ul

RT: 23.974 min Scan# 3534

Delta R.T. -0.006 min

Lab File: BP015990.D

Acq: 04 Jul 2023 23:37

Instrument :

BNA_P

ClientSampleId :

DCG5

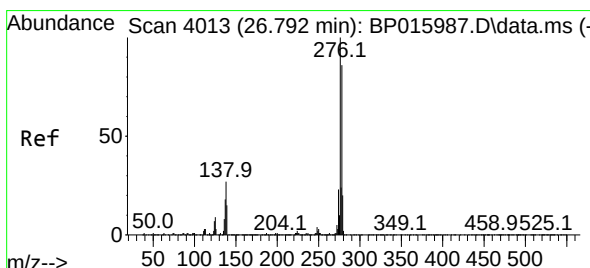
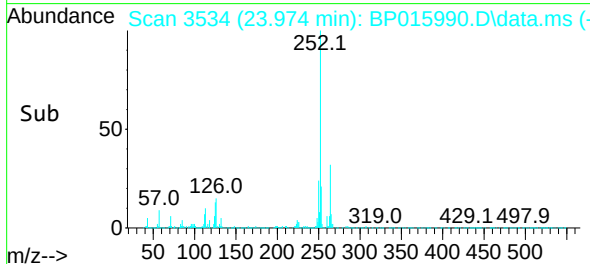
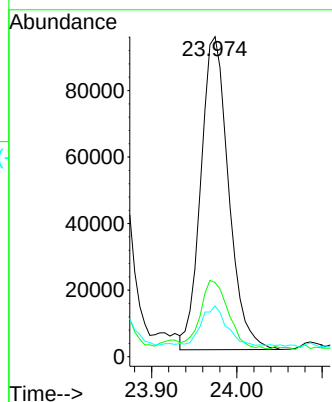
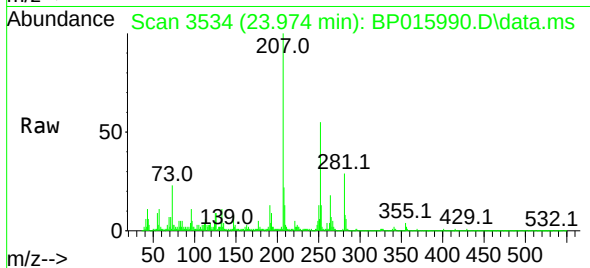
Tgt Ion:	252	Resp:	21273
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.7	26.5
125	15.8	8.2	12.2

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.487 ng/ul

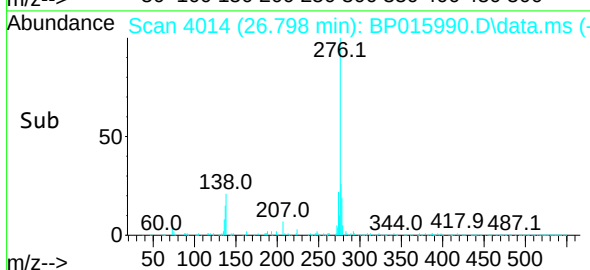
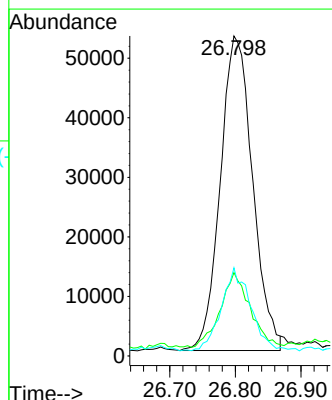
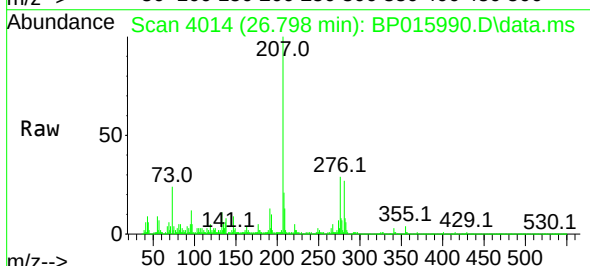
RT: 26.798 min Scan# 4014

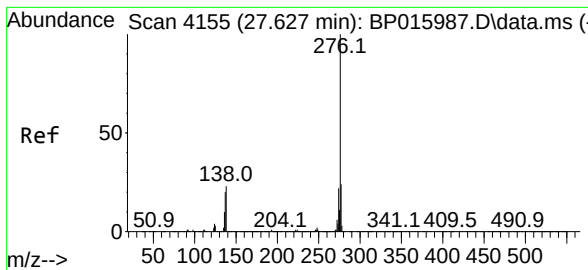
Delta R.T. 0.006 min

Lab File: BP015990.D

Acq: 04 Jul 2023 23:37

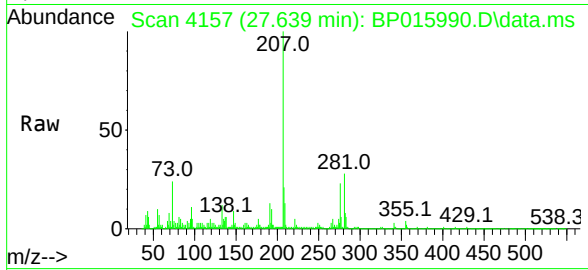
Tgt Ion:	276	Resp:	180658
Ion Ratio	Lower	Upper	
276	100		
138	26.0	15.7	23.5
277	27.6	19.6	29.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.611 ng/ul
 RT: 27.639 min Scan# 4157
 Delta R.T. 0.012 min
 Lab File: BP015990.D
 Acq: 04 Jul 2023 23:37

Instrument :
 BNA_P
 ClientSampleId :
 DCGG5



Tgt Ion: 276 Resp: 160980

Ion	Ratio	Lower	Upper
276	100		
138	24.0	15.1	22.7
277	24.6	18.8	28.2

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