

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
 Data File : BP015054.D
 Acq On : 10 May 2023 21:38
 Operator : CG/JU
 Sample : 02591-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREJ7

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2023
 Supervised By : Jagrut Upadhyay 05/11/2023

Quant Time: May 10 23:23:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 15:17:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	257270	20.000	ng/u1	0.00
20) Naphthalene-d8	10.987	136	1093529	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.798	164	672156	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.551	188	1239162	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	677750	20.000	ng/u1	0.01
88) Perylene-d12	24.227	264	951249	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	10091	1.458	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.304	99	206854	9.274	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.469	67	126174	9.152	ng/u1	0.00
11) 2-Chlorophenol-d4	7.681	132	173810	10.598	ng/u1	0.00
15) 4-Methylphenol-d8	8.863	113	153012	8.902	ng/u1	0.00
21) Nitrobenzene-d5	9.328	128	84248	10.833	ng/u1	0.00
24) 2-Nitrophenol-d4	10.063	143	95027	11.899	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.604	165	177022	11.289	ng/u1	0.01
31) 4-Chloroaniline-d4	11.122	131	107222	4.727	ng/u1	0.00
46) Dimethylphthalate-d6	14.192	166	562872	11.832	ng/u1	0.00
49) Acenaphthylene-d8	14.492	160	657949	11.532	ng/u1	0.00
54) 4-Nitrophenol-d4	14.986	143	59736	7.218	ng/u1	0.01
60) Fluorene-d10	15.786	176	482220	11.782	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.904	200	18857	2.703	ng/u1	0.00
73) Anthracene-d10	17.651	188	637861	11.456	ng/u1	0.00
81) Pyrene-d10	19.868	212	532265	11.644	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	523084	11.286	ng/u1	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.987	105	103800	3.693	ng/u1	98
71) Pentachlorophenol	17.198	266	27557	3.109	ng/u1	97
80) Fluoranthene	19.545	202	187542	3.344	ng/u1	94
82) Pyrene	19.898	202	209104	3.519	ng/u1#	95
85) Benzo(a)anthracene	21.615	228	59392	1.313	ng/u1#	77
87) Chrysene	21.674	228	177526	3.897	ng/u1#	92
90) Benzo(b)fluoranthene	23.427	252	259659	4.224	ng/u1#	1
91) Benzo(k)fluoranthene	23.474	252	72604m	1.160	ng/u1	
93) Benzo(a)pyrene	24.104	252	77652	1.440	ng/u1#	1
94) Indeno(1,2,3-cd)pyrene	26.968	276	88024	1.338	ng/u1#	40
96) Benzo(g,h,i)perylene	27.821	276	105800	1.890	ng/u1#	39

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

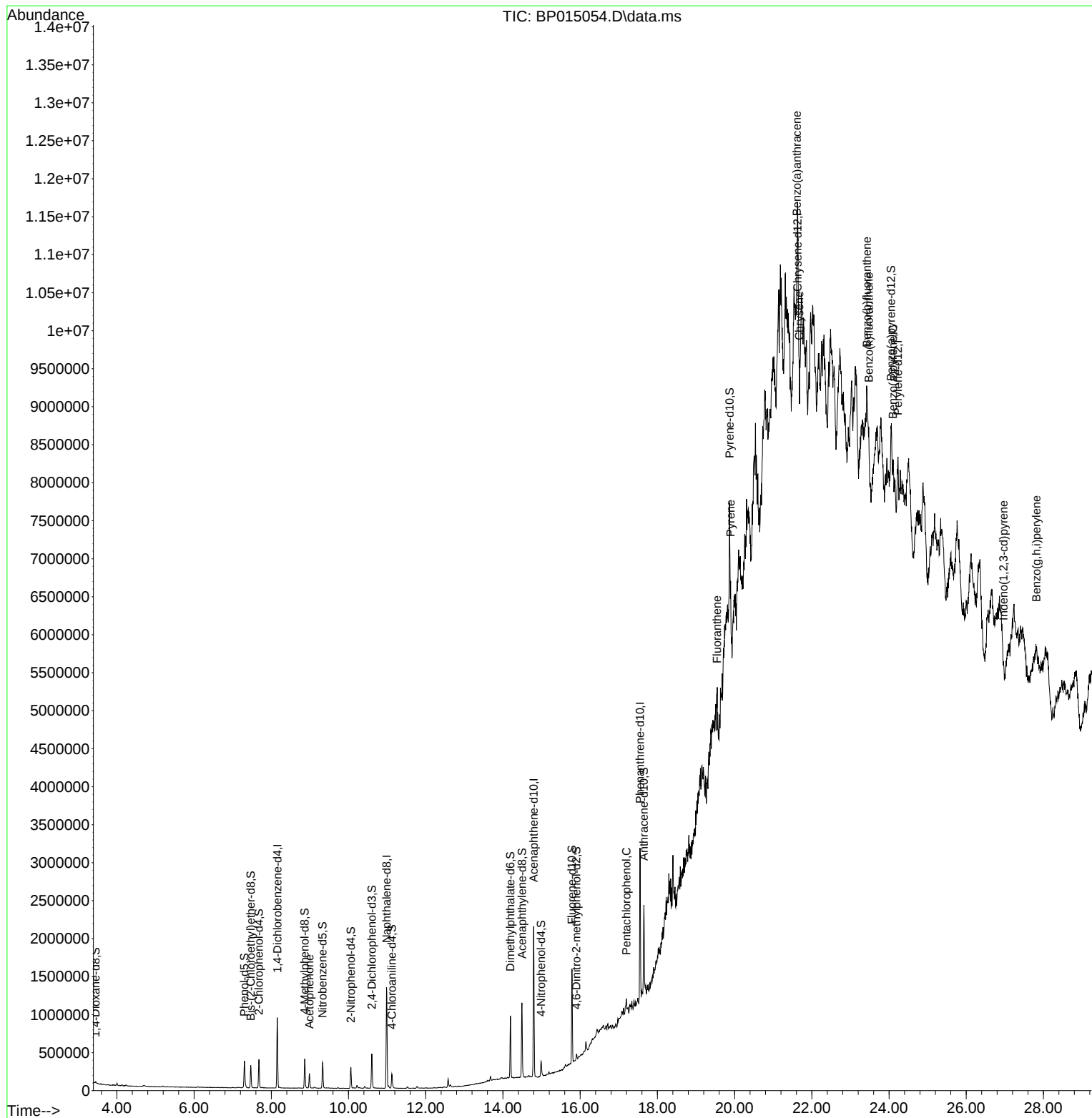
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
Data File : BP015054.D
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ALS Vial : 15 Sample Multiplier: 1

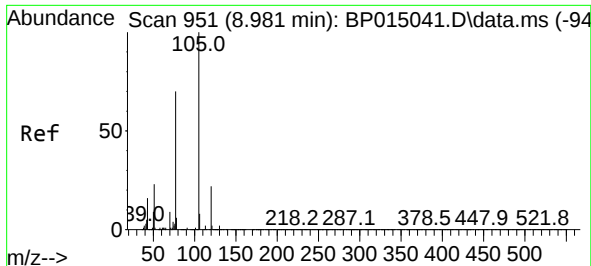
Instrument :
BNA_P
ClientSampleId :
JREJ7

Quant Time: May 10 23:23:06 2023
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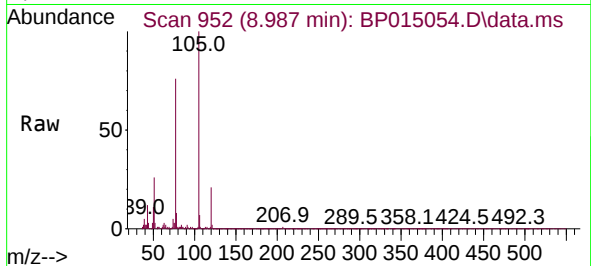
Reviewed By : Christian Giraldo 05/11/2023
Supervised By : Jagrut Upadhyay 05/11/2023





#16
Acetophenone
Concen: 3.693 ng/ul
RT: 8.987 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP015054.D
Acq: 10 May 2023 21:38

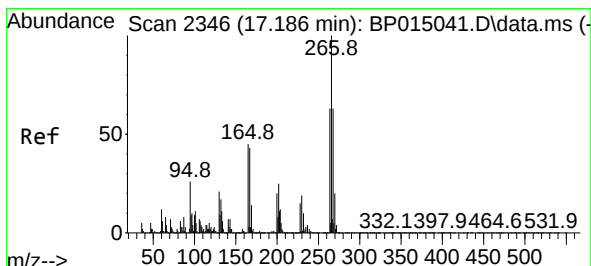
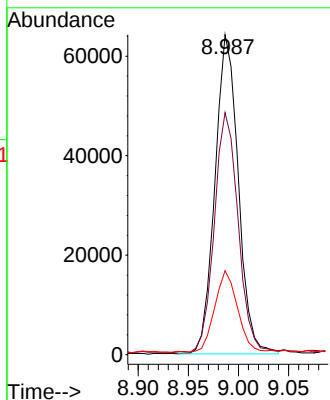
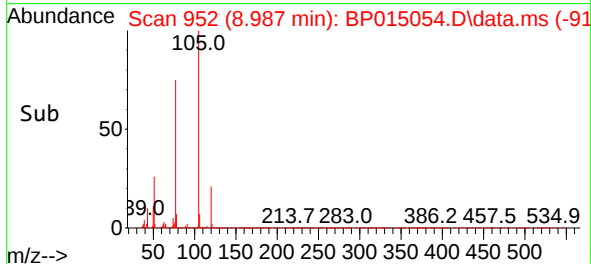
Instrument :
BNA_P
ClientSampleId :
JREJ7



Tgt Ion:105 Resp: 103800
Ion Ratio Lower Upper
105 100
77 75.7 61.2 91.8
51 26.3 19.4 29.2

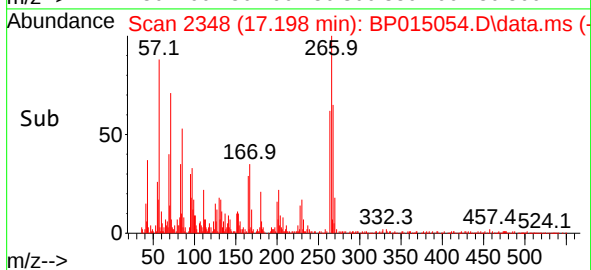
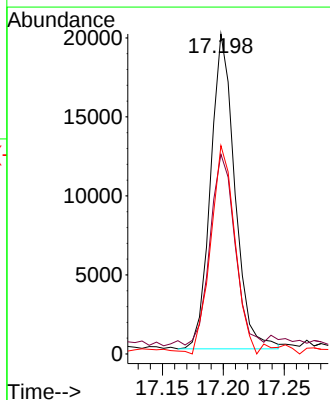
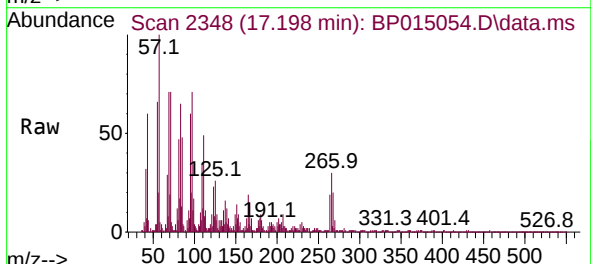
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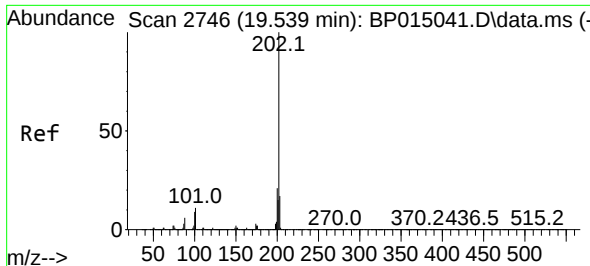
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#71
Pentachlorophenol
Concen: 3.109 ng/ul
RT: 17.198 min Scan# 2348
Delta R.T. 0.012 min
Lab File: BP015054.D
Acq: 10 May 2023 21:38

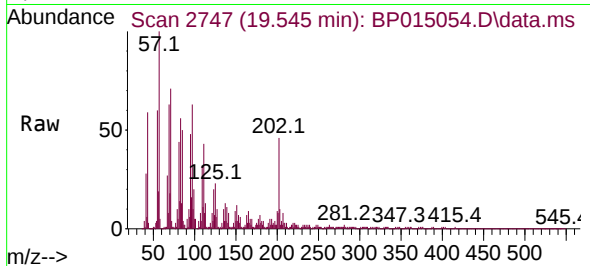
Tgt Ion:266 Resp: 27557
Ion Ratio Lower Upper
266 100
264 62.4 48.9 73.3
268 65.1 49.6 74.4





#80
Fluoranthene
Concen: 3.344 ng/ul
RT: 19.545 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP015054.D
Acq: 10 May 2023 21:38

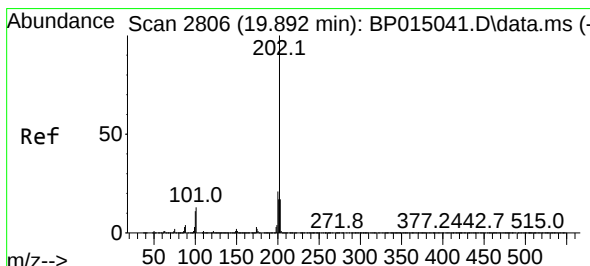
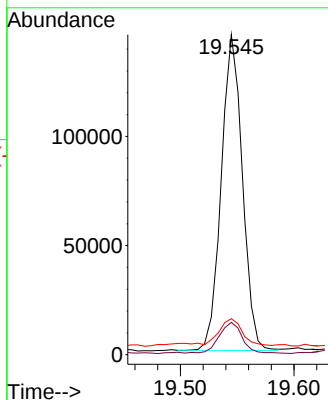
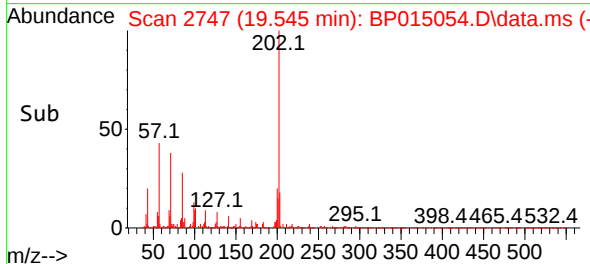
Instrument :
BNA_P
ClientSampleId :
JREJ7



Tgt Ion:202 Resp: 18754
Ion Ratio Lower Upper
202 100
101 10.1 10.1 15.1
100 11.2 7.7 11.5

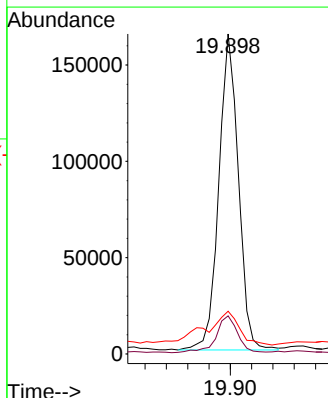
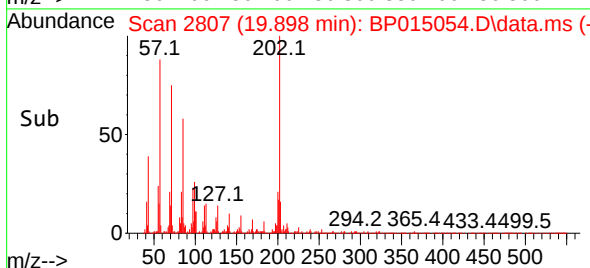
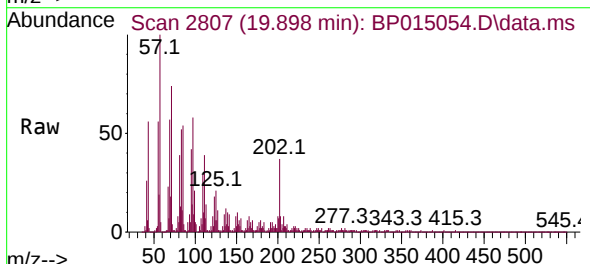
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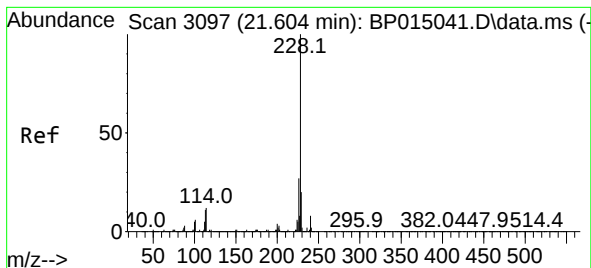
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#82
Pyrene
Concen: 3.519 ng/ul
RT: 19.898 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BP015054.D
Acq: 10 May 2023 21:38

Tgt Ion:202 Resp: 209104
Ion Ratio Lower Upper
202 100
101 11.9 11.9 17.9#
100 13.4 9.7 14.5





#85

Benzo(a)anthracene

Concen: 1.313 ng/u1

RT: 21.615 min Scan# 3099

Delta R.T. 0.012 min

Lab File: BP015054.D

Acq: 10 May 2023 21:38

Instrument :

BNA_P

ClientSampleId :

JREJ7

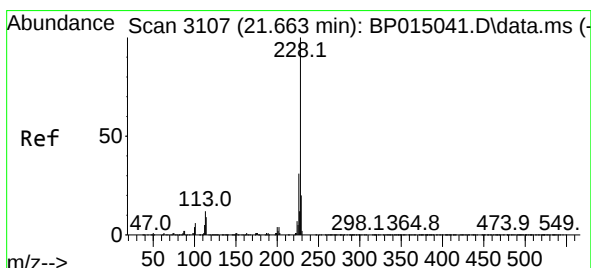
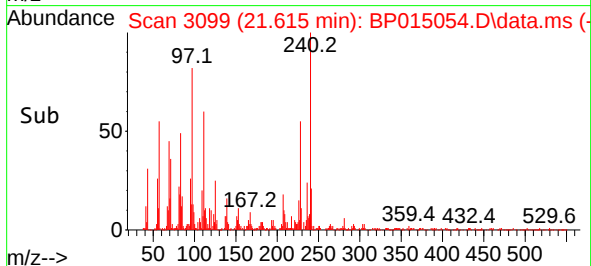
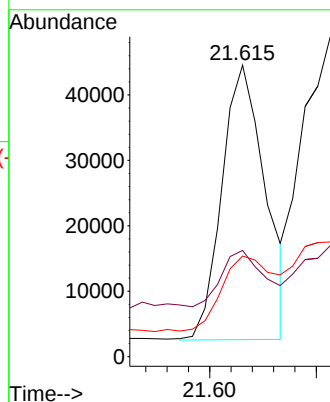
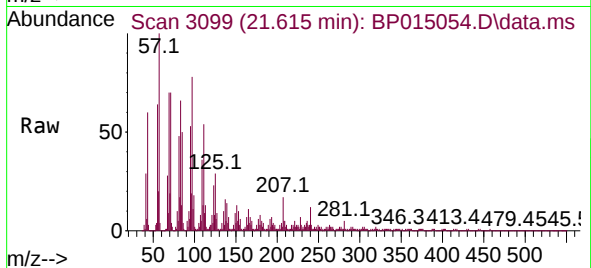
Tgt Ion:228	Resp: 59392
Ion Ratio	Lower Upper
228 100	
229 36.5	15.9 23.9
226 34.5	22.1 33.1

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#87

Chrysene

Concen: 3.897 ng/u1

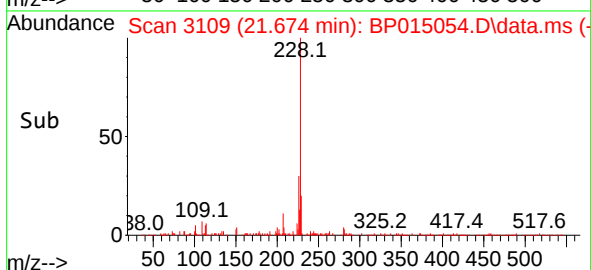
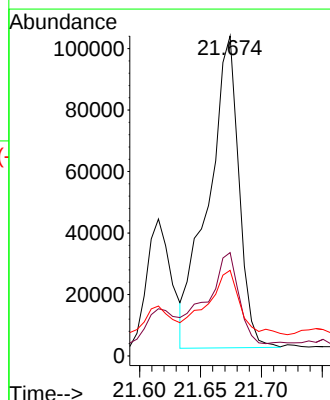
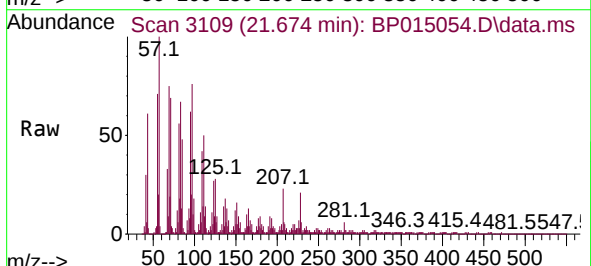
RT: 21.674 min Scan# 3109

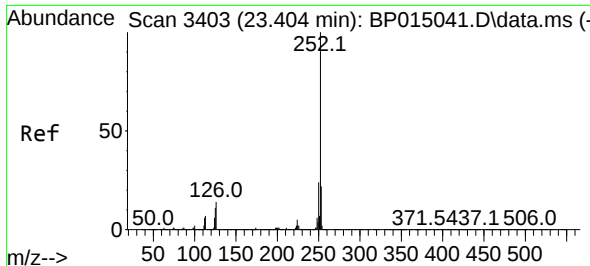
Delta R.T. 0.012 min

Lab File: BP015054.D

Acq: 10 May 2023 21:38

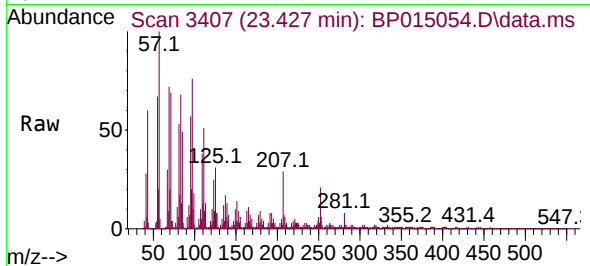
Tgt Ion:228	Resp: 177526
Ion Ratio	Lower Upper
228 100	
226 32.3	24.3 36.5
229 26.8	15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 4.224 ng/ul
RT: 23.427 min Scan# 3403
Delta R.T. 0.023 min
Lab File: BP015054.D
Acq: 10 May 2023 21:38

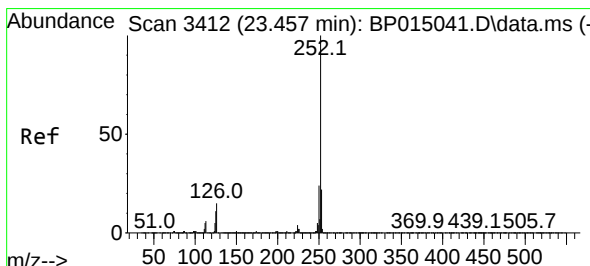
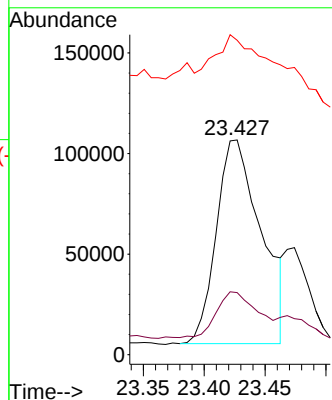
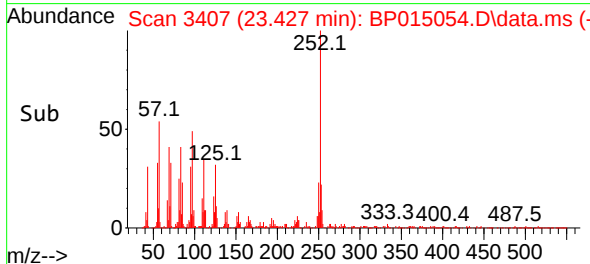
Instrument :
BNA_P
ClientSampleId :
JREJ7



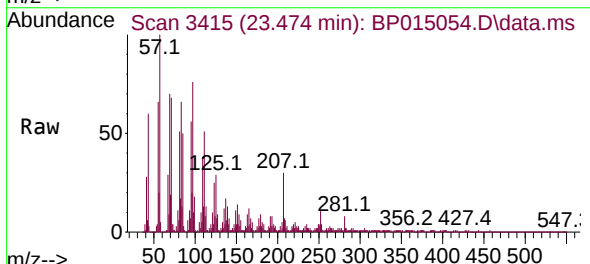
Tgt Ion:252 Resp: 259659
Ion Ratio Lower Upper
252 100
253 28.9 17.4 26.2
125 146.5 8.4 12.6

Manual Integrations
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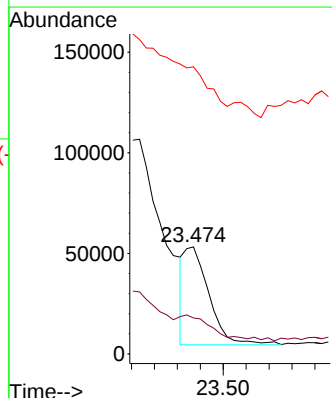
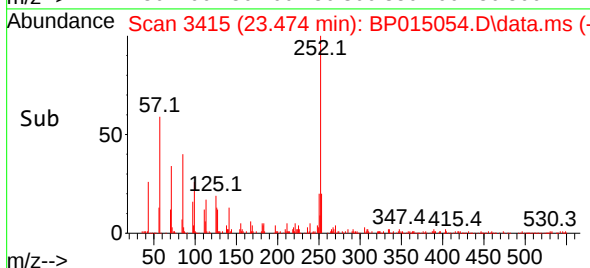
Reviewed By :Christian Giraldo 05/11/2023
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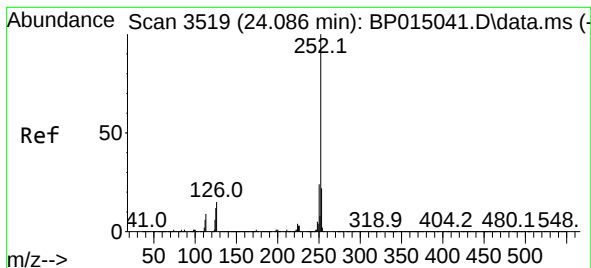


#91
Benzo(k)fluoranthene
Concen: 1.160 ng/ul m
RT: 23.474 min Scan# 3415
Delta R.T. 0.018 min
Lab File: BP015054.D
Acq: 10 May 2023 21:38



Tgt Ion:252 Resp: 72604
Ion Ratio Lower Upper
252 100
253 33.6 17.8 26.6#
125 268.4 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 1.440 ng/ul

RT: 24.104 min Scan# 3522

Delta R.T. 0.018 min

Lab File: BP015054.D

Acq: 10 May 2023 21:38

Instrument :

BNA_P

ClientSampleId :

JREJ7

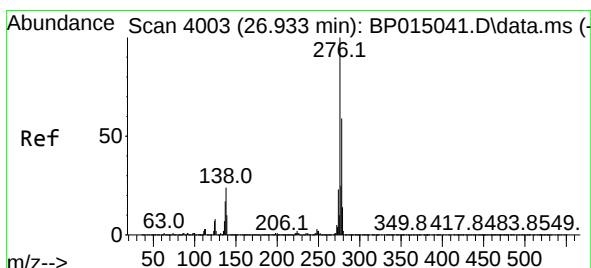
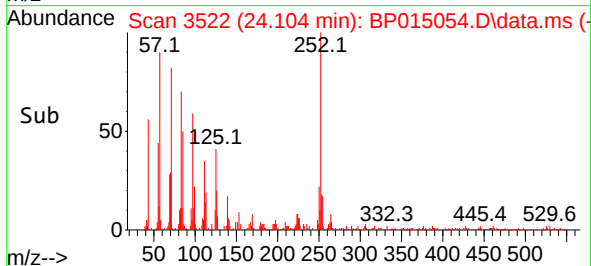
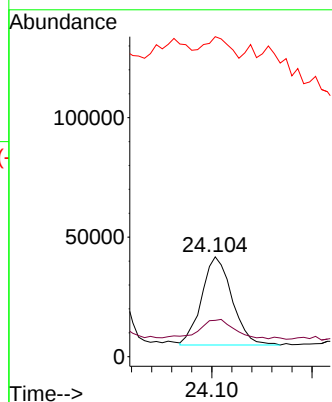
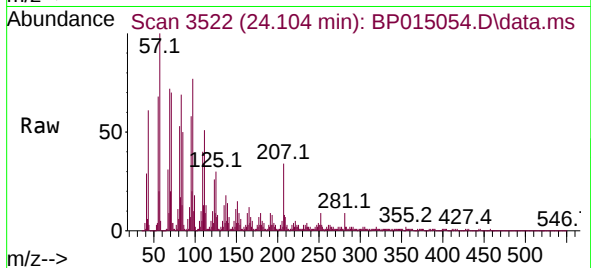
Tgt Ion:	252	Resp:	77652
Ion Ratio	Lower	Upper	
252	100		
253	36.4	17.5	26.3
125	320.4	9.4	14.2

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.338 ng/ul

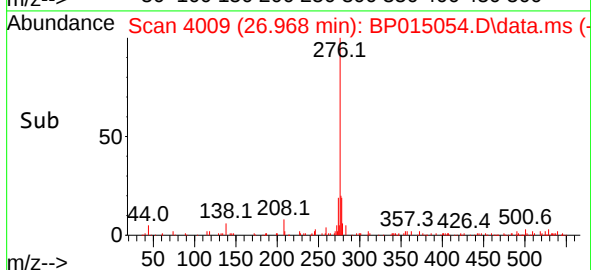
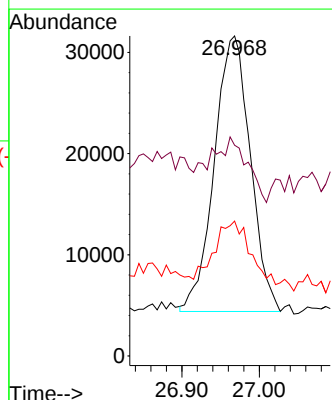
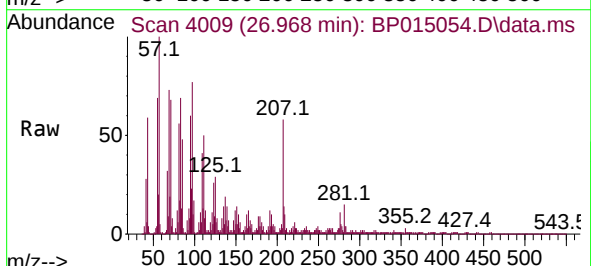
RT: 26.968 min Scan# 4009

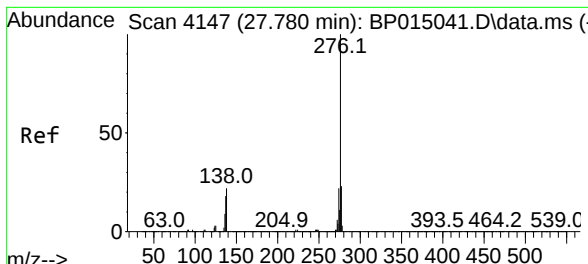
Delta R.T. 0.035 min

Lab File: BP015054.D

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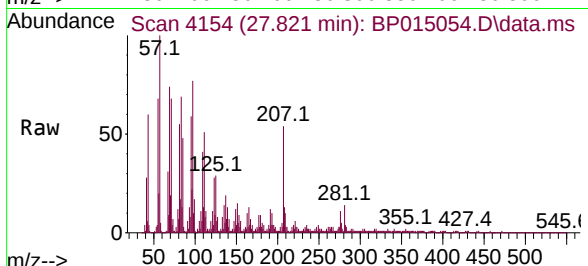
Tgt Ion:	276	Resp:	88024
Ion Ratio	Lower	Upper	
276	100		
138	65.9	19.4	29.0
277	42.1	19.4	29.2





#96
 Benzo(g,h,i)perylene
 Concen: 1.890 ng/ul
 RT: 27.821 min Scan# 4154
 Delta R.T. 0.041 min
 Lab File: BP015054.D
 Acq: 10 May 2023 21:38

Instrument :
 BNA_P
 ClientSampleId :
 JREJ7



Tgt Ion: 276 Resp: 105800

Ion	Ratio	Lower	Upper
276	100		
138	65.6	18.0	27.0
277	42.4	19.8	29.8

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