

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014950.D
 Acq On : 04 May 2023 13:53
 Operator : CG/JU
 Sample : 02447-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW935

Manual Integrations
 APPROVED

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

Quant Time: May 04 23:43:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	265530	20.000	ng/u1	0.00
20) Naphthalene-d8	11.004	136	933849	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	481994	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1023818	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1023488	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1242639	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	25957	3.635	ng/uL	0.00
4) Pyridine-d5	3.905	84	167942	8.604	ng/u1	0.00
7) Phenol-d5	7.310	99	394069	17.118	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	253588	17.822	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	322306	19.041	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	259407	14.622	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	144147	21.703	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	151390	22.198	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	251410	18.775	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	170608	8.808	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	724104	21.227	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	896674	21.917	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	60527	10.199	ng/u1	0.00
60) Fluorene-d10	15.798	176	644529	21.961	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	36585	6.348	ng/u1	0.00
73) Anthracene-d10	17.663	188	1016342	22.094	ng/u1	0.00
81) Pyrene-d10	19.880	212	1275023	18.471	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	1397214	23.077	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.610	178	364122	6.438	ng/u1	100
74) Anthracene	17.698	178	84109	1.494	ng/u1	98
78) Di-n-butylphthalate	18.492	149	714617	13.493	ng/u1	100
80) Fluoranthene	19.557	202	883651	10.432	ng/u1	98
82) Pyrene	19.910	202	868348	9.676	ng/u1	99
83) Butylbenzylphthalate	20.763	149	99775	3.703	ng/u1	90
85) Benzo(a)anthracene	21.627	228	649804	9.512	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.527	149	2203741	65.004	ng/u1#	100
87) Chrysene	21.686	228	726313	10.559	ng/u1	96
89) Di-n-octyl phthalate	22.521	149	152788	2.106	ng/u1	100
90) Benzo(b)fluoranthene	23.451	252	1296794	16.147	ng/u1#	96
91) Benzo(k)fluoranthene	23.492	252	463822m	5.675	ng/u1	
93) Benzo(a)pyrene	24.133	252	818368	11.619	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	27.009	276	853594	9.936	ng/u1	96
95) Dibenzo(a,h)anthracene	27.021	278	222502	3.160	ng/u1#	91
96) Benzo(g,h,i)perylene	27.862	276	893830	12.224	ng/u1	97

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

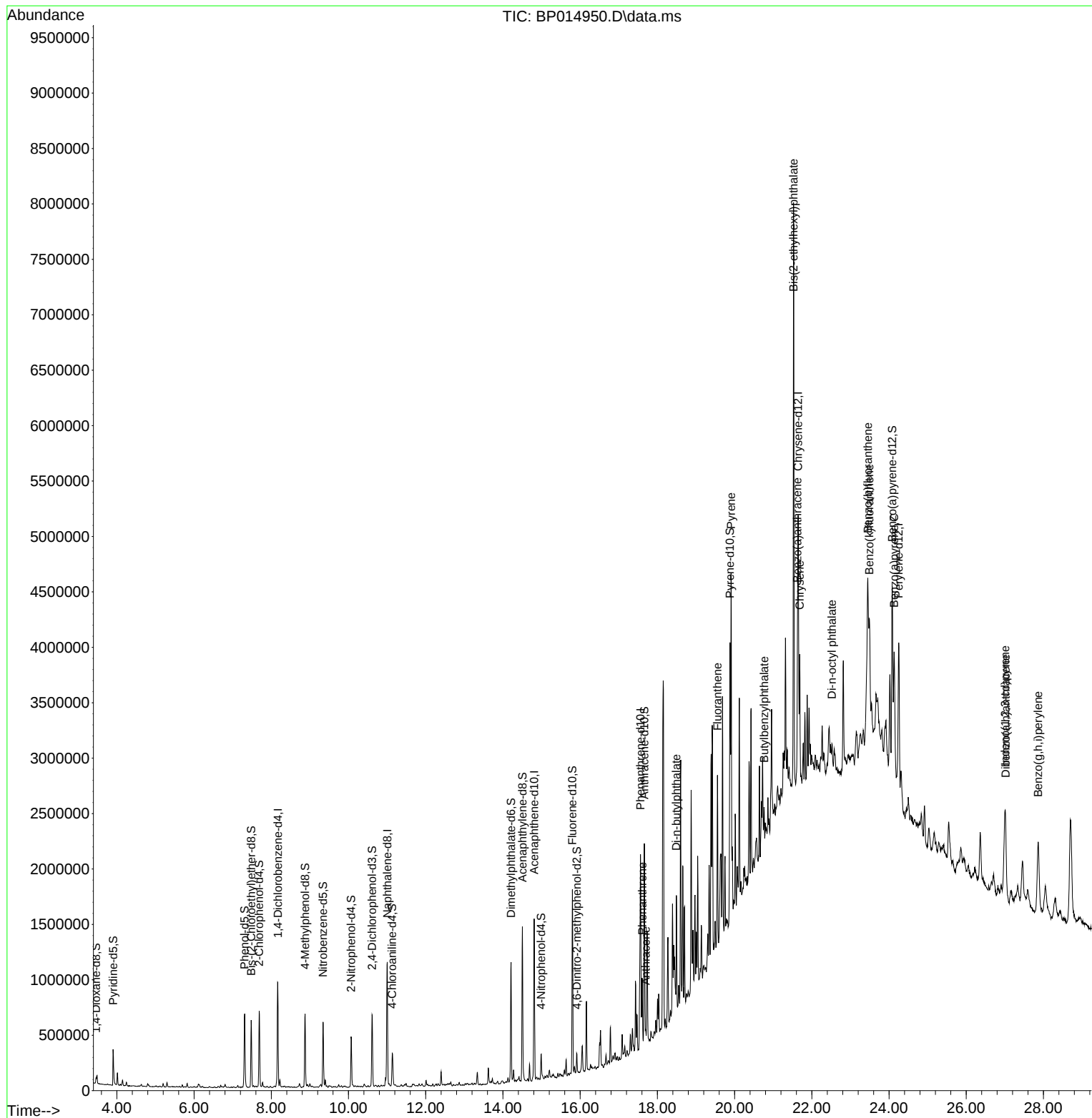
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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 ALS Vial : 10 Sample Multiplier: 1

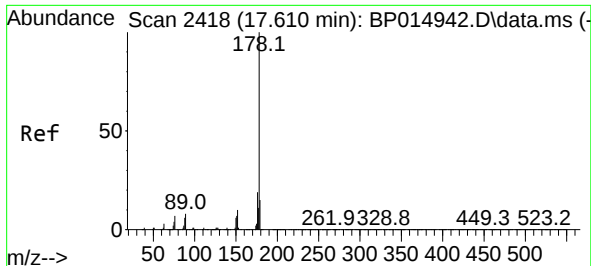
Instrument :
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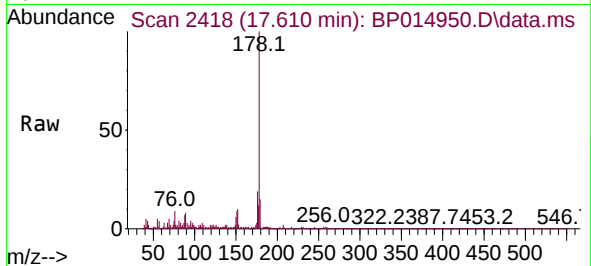
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#72
Phenanthrene
Concen: 6.438 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP014950.D
Acq: 04 May 2023 13:53

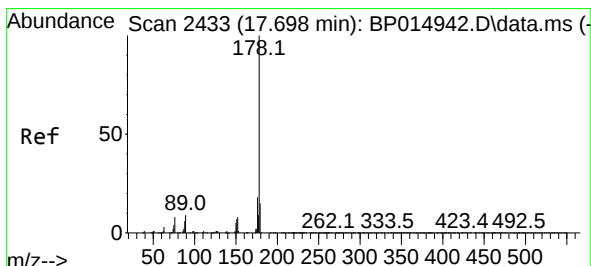
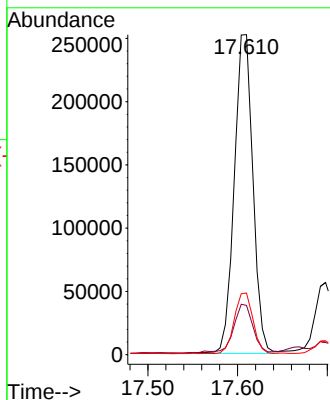
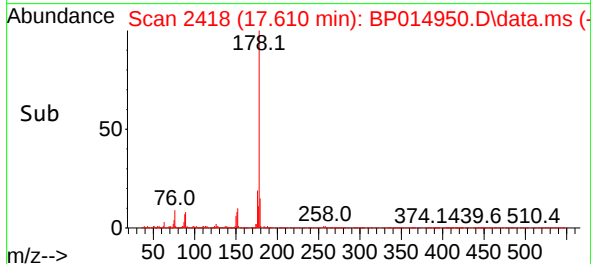
Instrument :
BNA_P
ClientSampleId :
EW935



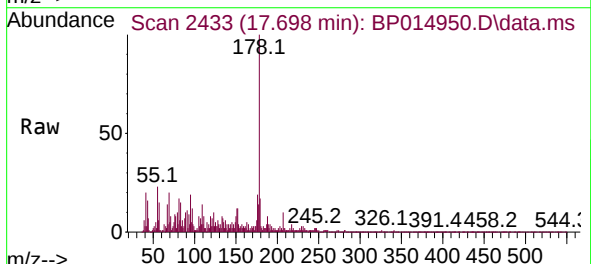
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Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.3 15.4 23.0

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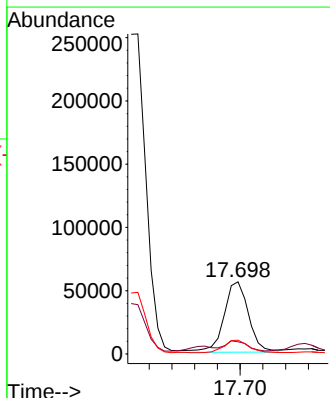
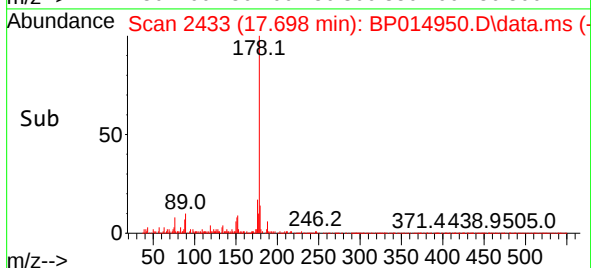
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

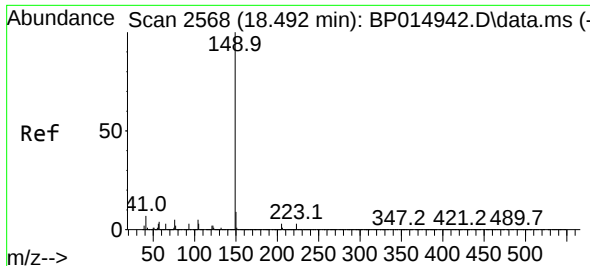


#74
Anthracene
Concen: 1.494 ng/ul
RT: 17.698 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP014950.D
Acq: 04 May 2023 13:53



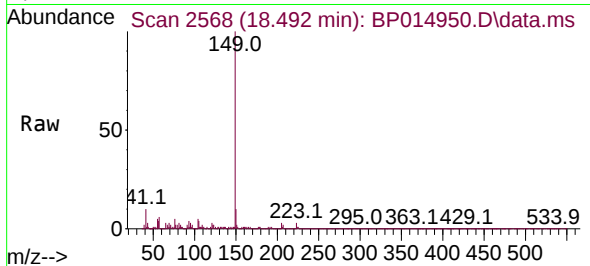
Tgt Ion:178 Resp: 84109
Ion Ratio Lower Upper
178 100
179 16.9 12.6 18.8
176 19.0 15.0 22.4





#78
Di-n-butylphthalate
Concen: 13.493 ng/ul
RT: 18.492 min Scan# 21461
Delta R.T. -0.000 min
Lab File: BP014950.D
Acq: 04 May 2023 13:53

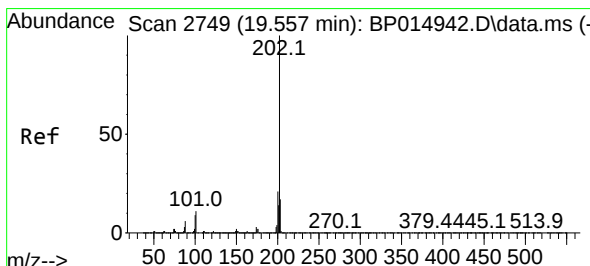
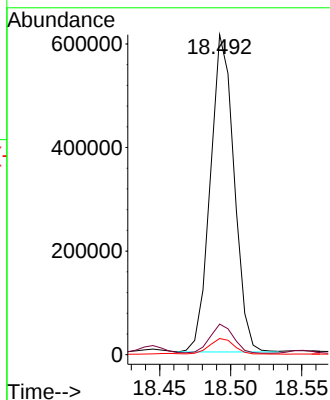
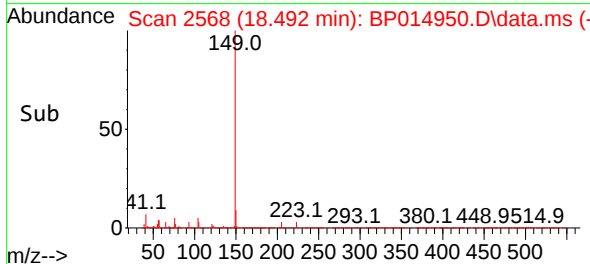
Instrument :
BNA_P
ClientSampleId :
EW935



Tgt Ion:149 Resp: 71461
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 5.1 4.1 6.1

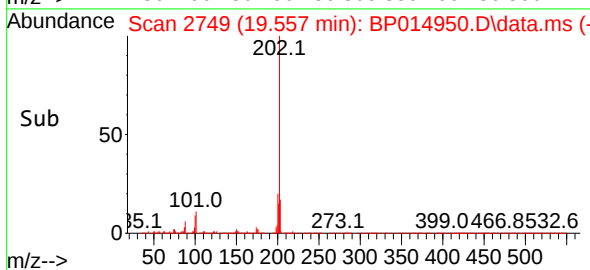
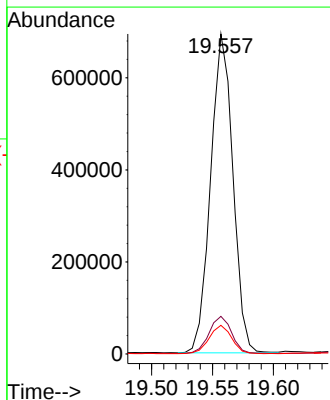
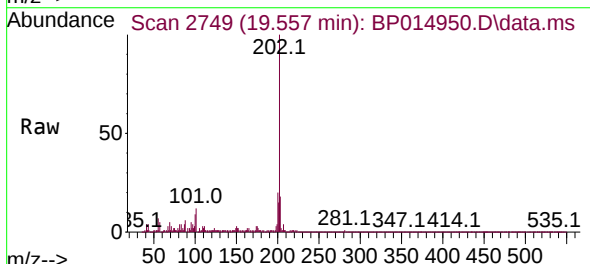
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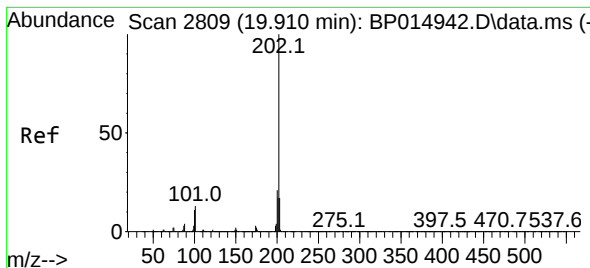
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#80
Fluoranthene
Concen: 10.432 ng/ul
RT: 19.557 min Scan# 2749
Delta R.T. -0.000 min
Lab File: BP014950.D
Acq: 04 May 2023 13:53

Tgt Ion:202 Resp: 883651
Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 8.9 7.7 11.5





#82

Pyrene

Concen: 9.676 ng/ul

RT: 19.910 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

Instrument :

BNA_P

ClientSampleId :

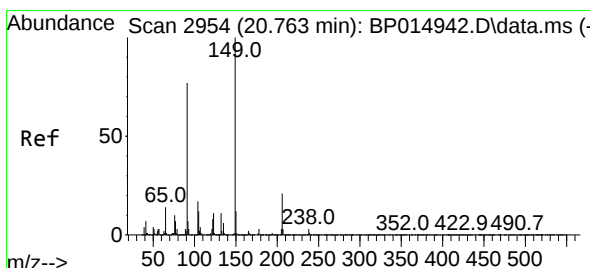
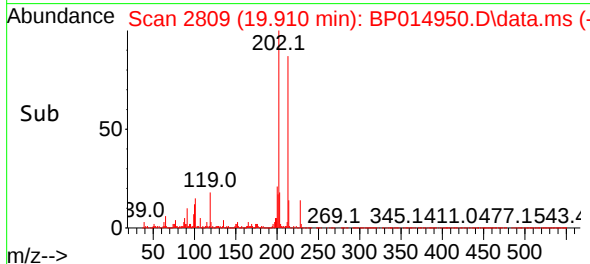
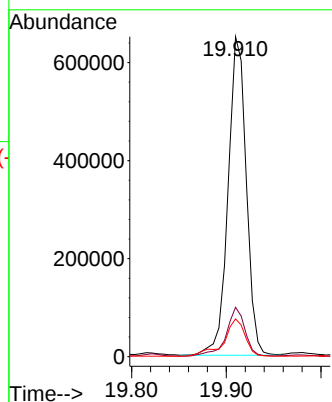
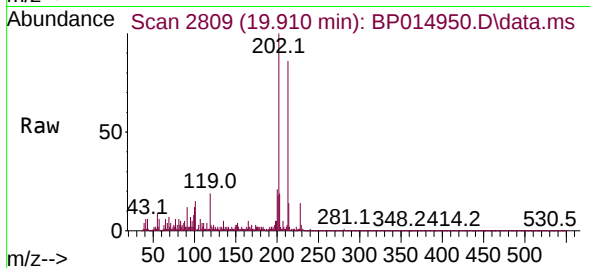
EW935

Tgt Ion:	202	Resp:	86834
Ion Ratio	Lower	Upper	
202	100		
101	15.4	11.9	17.9
100	11.8	9.7	14.5

Manual Integrations

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



#83

Butylbenzylphthalate

Concen: 3.703 ng/ul

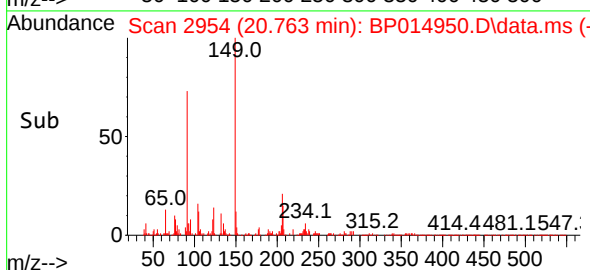
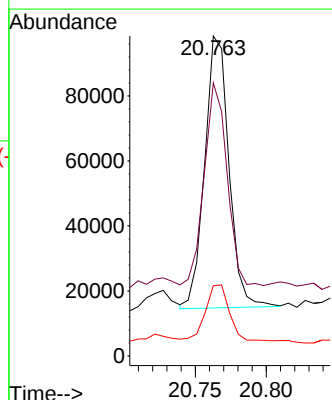
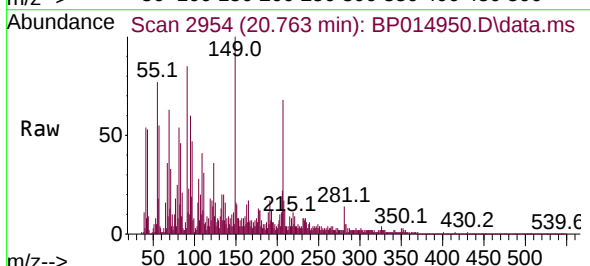
RT: 20.763 min Scan# 2954

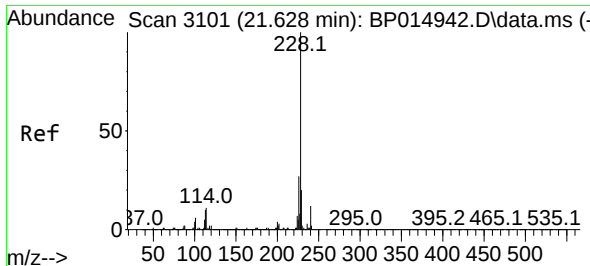
Delta R.T. -0.000 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

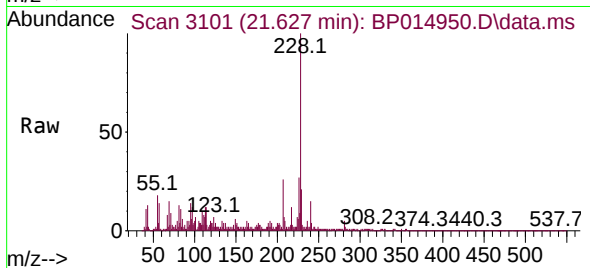
Tgt Ion:	149	Resp:	99775
Ion Ratio	Lower	Upper	
149	100		
91	85.3	60.1	90.1
206	21.9	16.0	24.0





#85
Benzo(a)anthracene
Concen: 9.512 ng/ul
RT: 21.627 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP014950.D
Acq: 04 May 2023 13:53

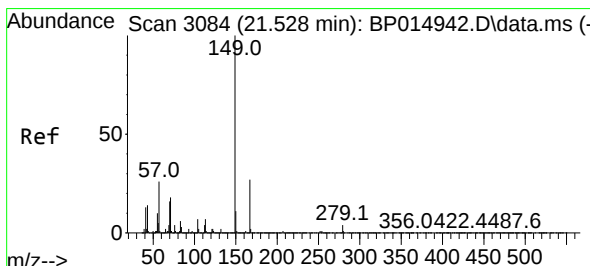
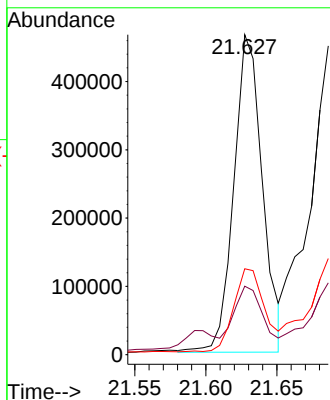
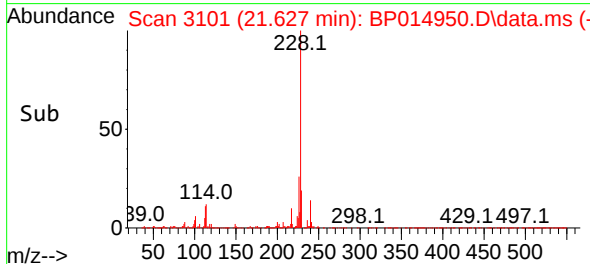
Instrument :
BNA_P
ClientSampleId :
EW935



Tgt Ion:228 Resp: 649804
Ion Ratio Lower Upper
228 100
229 21.4 15.9 23.9
226 26.9 22.1 33.1

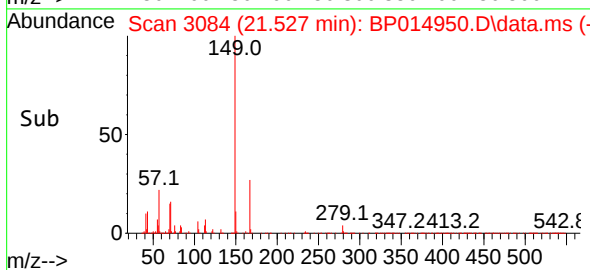
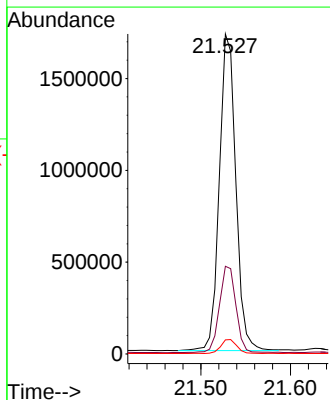
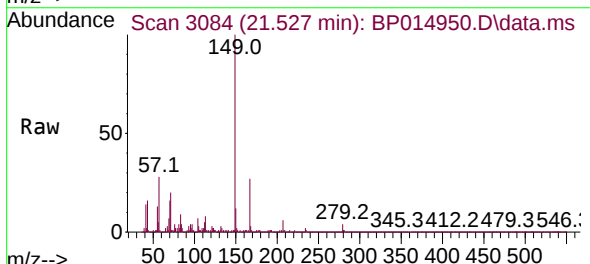
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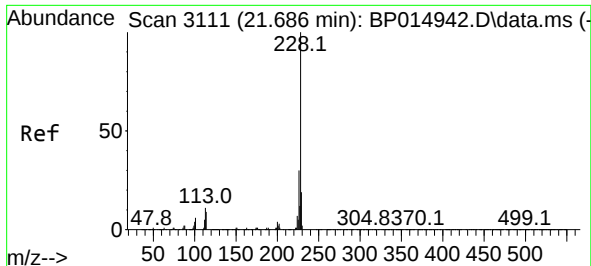
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 65.004 ng/ul
RT: 21.527 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP014950.D
Acq: 04 May 2023 13:53

Tgt Ion:149 Resp: 2203741
Ion Ratio Lower Upper
149 100
167 27.4 22.0 33.0
279 4.4 2.9 4.3#





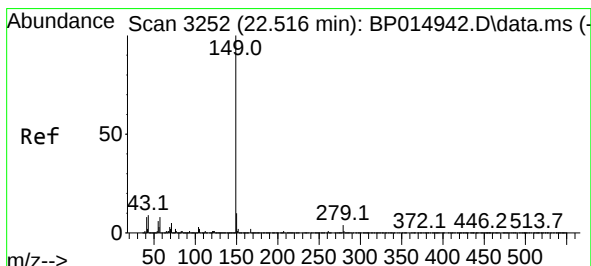
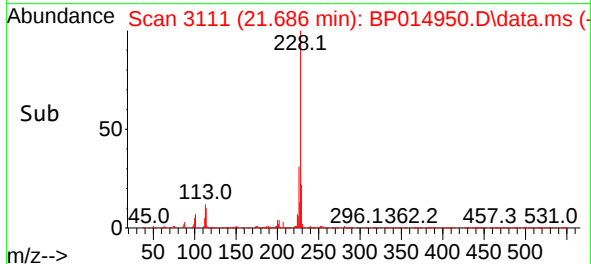
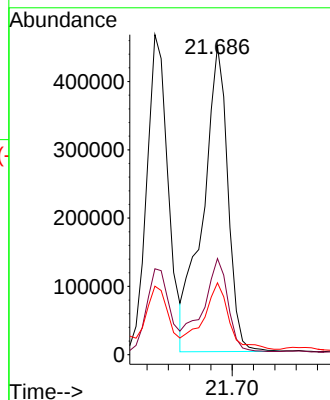
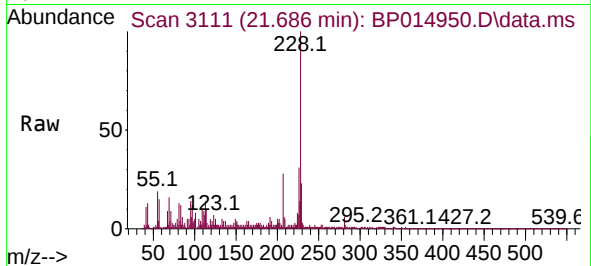
#87
Chrysene
Concen: 10.559 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BP014950.D
Acq: 04 May 2023 13:53

Instrument :
BNA_P
ClientSampleId :
EW935

Tgt Ion:228 Resp: 726311
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 23.3 15.8 23.8

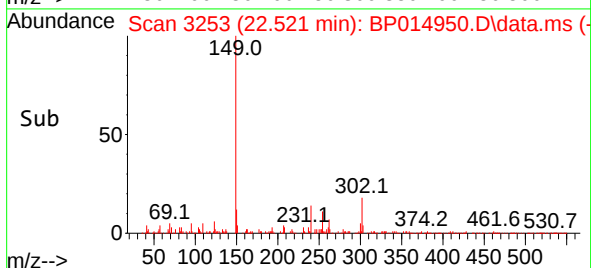
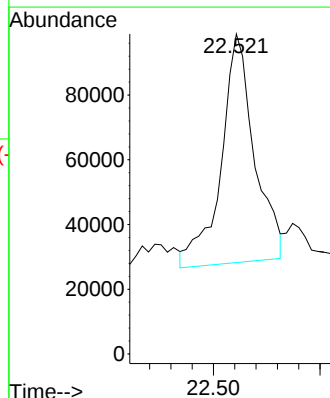
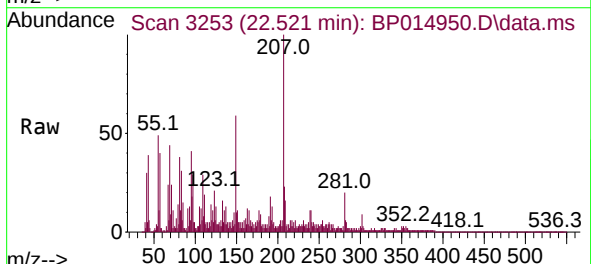
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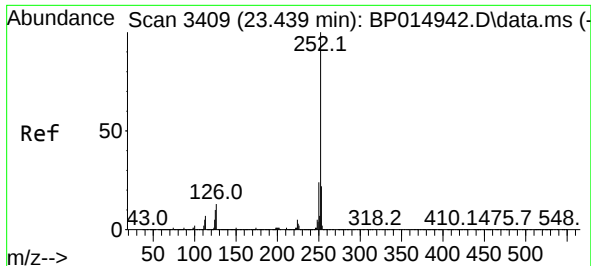
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#89
Di-n-octyl phthalate
Concen: 2.106 ng/ul
RT: 22.521 min Scan# 3253
Delta R.T. 0.006 min
Lab File: BP014950.D
Acq: 04 May 2023 13:53

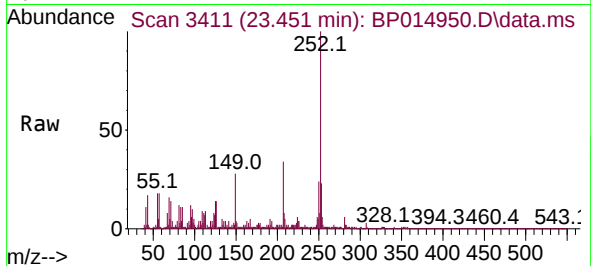
Tgt Ion:149 Resp: 152788





#90
Benzo(b)fluoranthene
Concen: 16.147 ng/ul
RT: 23.451 min Scan# 3411
Delta R.T. 0.012 min
Lab File: BP014950.D
Acq: 04 May 2023 13:53

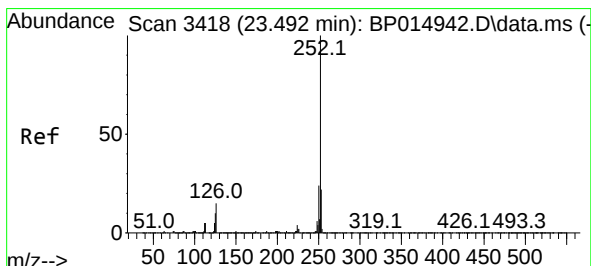
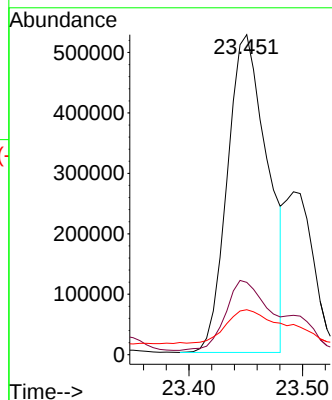
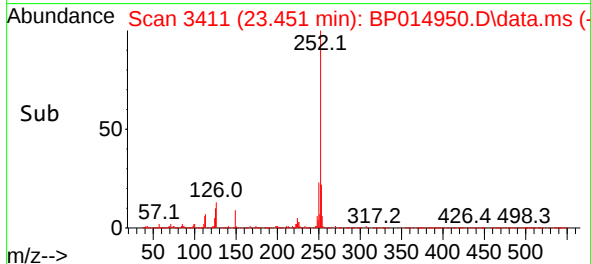
Instrument :
BNA_P
ClientSampleId :
EW935



Tgt Ion:252 Resp: 1296794
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 14.1 8.4 12.6

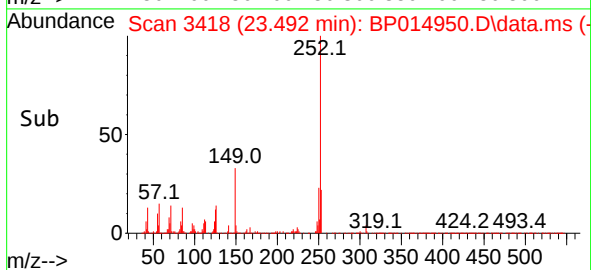
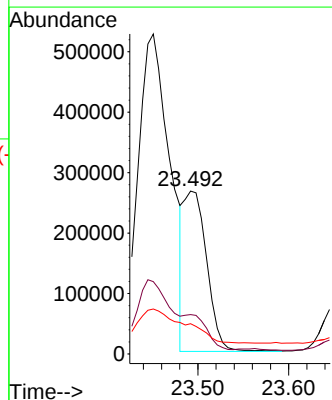
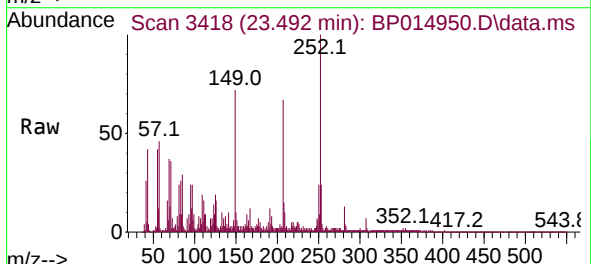
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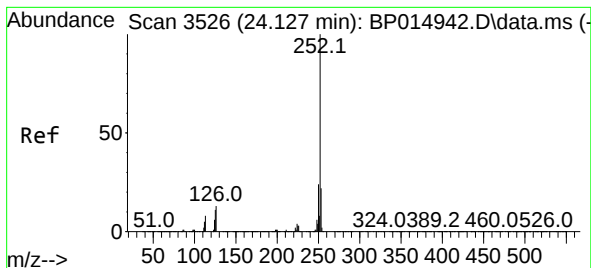
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#91
Benzo(k)fluoranthene
Concen: 5.675 ng/ul m
RT: 23.492 min Scan# 3418
Delta R.T. -0.000 min
Lab File: BP014950.D
Acq: 04 May 2023 13:53

Tgt Ion:252 Resp: 463822
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 18.6 8.9 13.3





#93

Benzo(a)pyrene

Concen: 11.619 ng/ul

RT: 24.133 min Scan# 3526

Delta R.T. 0.006 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

Instrument :

BNA_P

ClientSampleId :

EW935

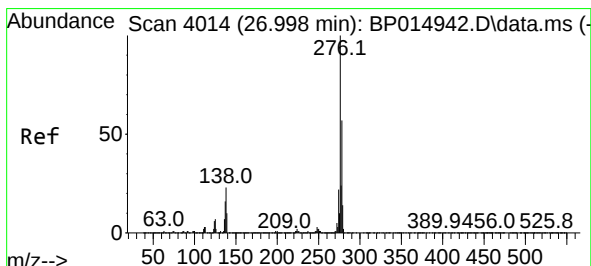
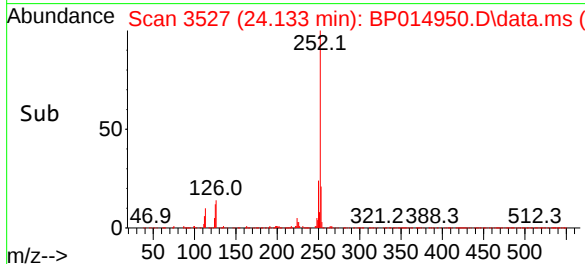
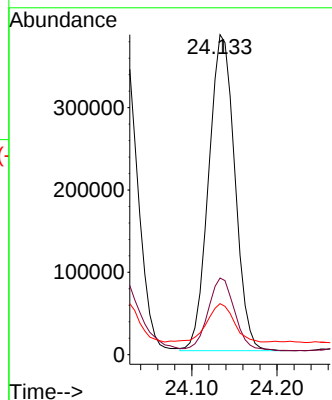
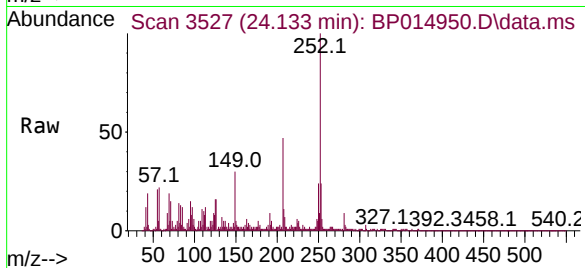
Tgt Ion:	252	Resp:	81836
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.5	26.3
125	16.0	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.936 ng/ul

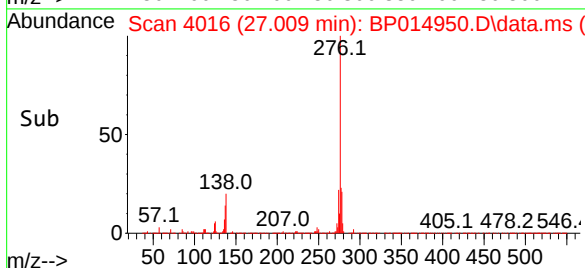
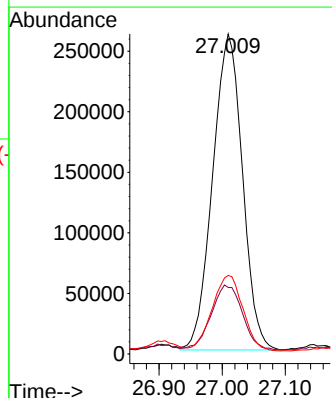
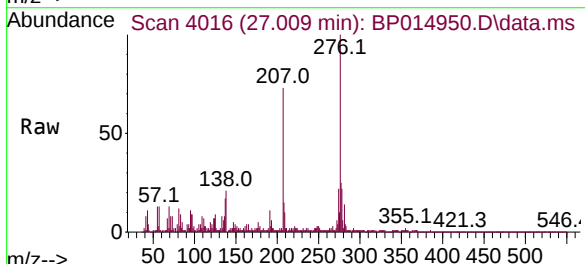
RT: 27.009 min Scan# 4016

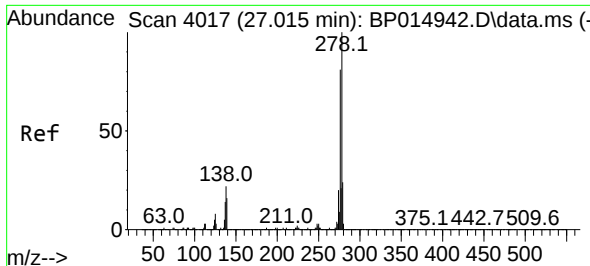
Delta R.T. 0.012 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

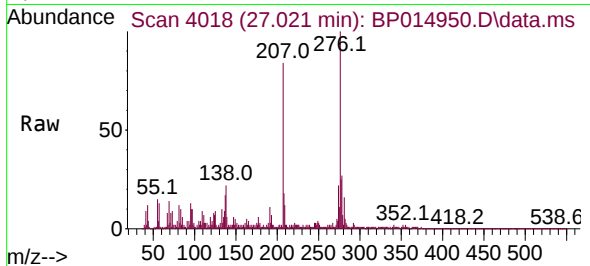
Tgt Ion:	276	Resp:	853594
Ion Ratio	Lower	Upper	
276	100		
138	20.8	19.4	29.0
277	24.5	19.4	29.2





#95
Dibenzo(a,h)anthracene
Concen: 3.160 ng/ul
RT: 27.021 min Scan# 4017
Delta R.T. 0.006 min
Lab File: BP014950.D
Acq: 04 May 2023 13:53

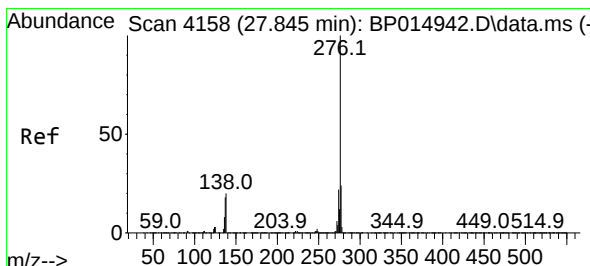
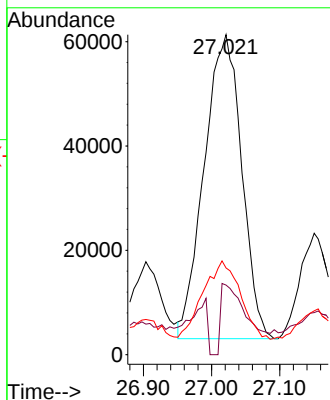
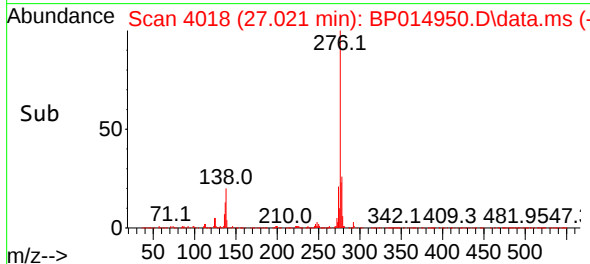
Instrument :
BNA_P
ClientSampleId :
EW935



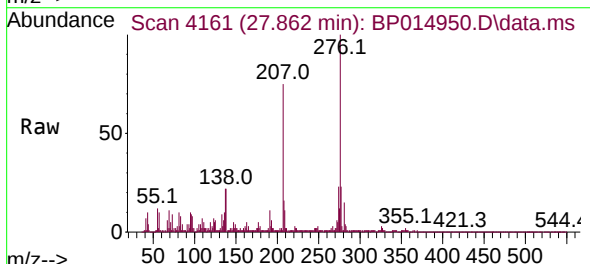
Tgt Ion:278 Resp: 222502
Ion Ratio Lower Upper
278 100
139 21.7 12.9 19.3
279 27.1 19.0 28.6

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 12.224 ng/ul
RT: 27.862 min Scan# 4161
Delta R.T. 0.017 min
Lab File: BP014950.D
Acq: 04 May 2023 13:53



Tgt Ion:276 Resp: 893830
Ion Ratio Lower Upper
276 100
138 21.7 18.0 27.0
277 23.2 19.8 29.8

