

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009976.D
 Acq On : 20 Apr 2022 15:02
 Operator : CG/JU
 Sample : N2374-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFD9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
 Supervised By :Yogesh Patel 04/25/2022

Quant Time: Apr 21 01:06:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 20 01:32:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	139157	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	619580	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	438392	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	952328	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.410	240	910676	20.000	ng/u1	# 0.00
88) Perylene-d12	23.863	264	775969	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	8372m	2.685	ng/uL	0.00
4) Pyridine-d5	3.793	84	62819	7.307	ng/u1	0.00
7) Phenol-d5	7.099	99	200692	16.427	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	125867	17.305	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	158628	17.213	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	176633	17.319	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	81337	18.204	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	90254	18.425	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	189090	18.447	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	148959m	10.203	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	705032	20.474	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	778731	19.088	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	108904	17.438	ng/u1	0.00
60) Fluorene-d10	15.563	176	662598	22.873	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	100942	17.892	ng/u1	0.00
73) Anthracene-d10	17.428	188	1063295	23.320	ng/u1	0.00
81) Pyrene-d10	19.657	212	1387428	27.895	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.704	264	978656	24.218	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.763	105	28947m	1.801	ng/u1	
52) Acenaphthene	14.640	153	41057	1.557	ng/u1	94
61) Fluorene	15.622	166	50533	1.581	ng/u1#	83
72) Phenanthrene	17.369	178	1950063	38.362	ng/u1	98
74) Anthracene	17.457	178	167128	3.243	ng/u1	98
77) Carbazole	17.722	167	238268	5.116	ng/u1#	94
80) Fluoranthene	19.333	202	4126050m	72.072	ng/u1	
82) Pyrene	19.686	202	3285195	56.599	ng/u1#	93
85) Benzo(a)anthracene	21.392	228	1178061	20.406	ng/u1	96
87) Chrysene	21.445	228	1718301	30.848	ng/u1	98
90) Benzo(b)fluoranthene	23.122	252	1854555	35.972	ng/u1	98
91) Benzo(k)fluoranthene	23.163	252	680438m	14.464	ng/u1	
93) Benzo(a)pyrene	23.757	252	1029271	21.538	ng/u1#	98
94) Indeno(1,2,3-cd)pyrene	26.421	276	785580	15.720	ng/u1	98
95) Dibenzo(a,h)anthracene	26.439	278	180274	4.160	ng/u1#	92
96) Benzo(g,h,i)perylene	27.210	276	693417	16.829	ng/u1#	91

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

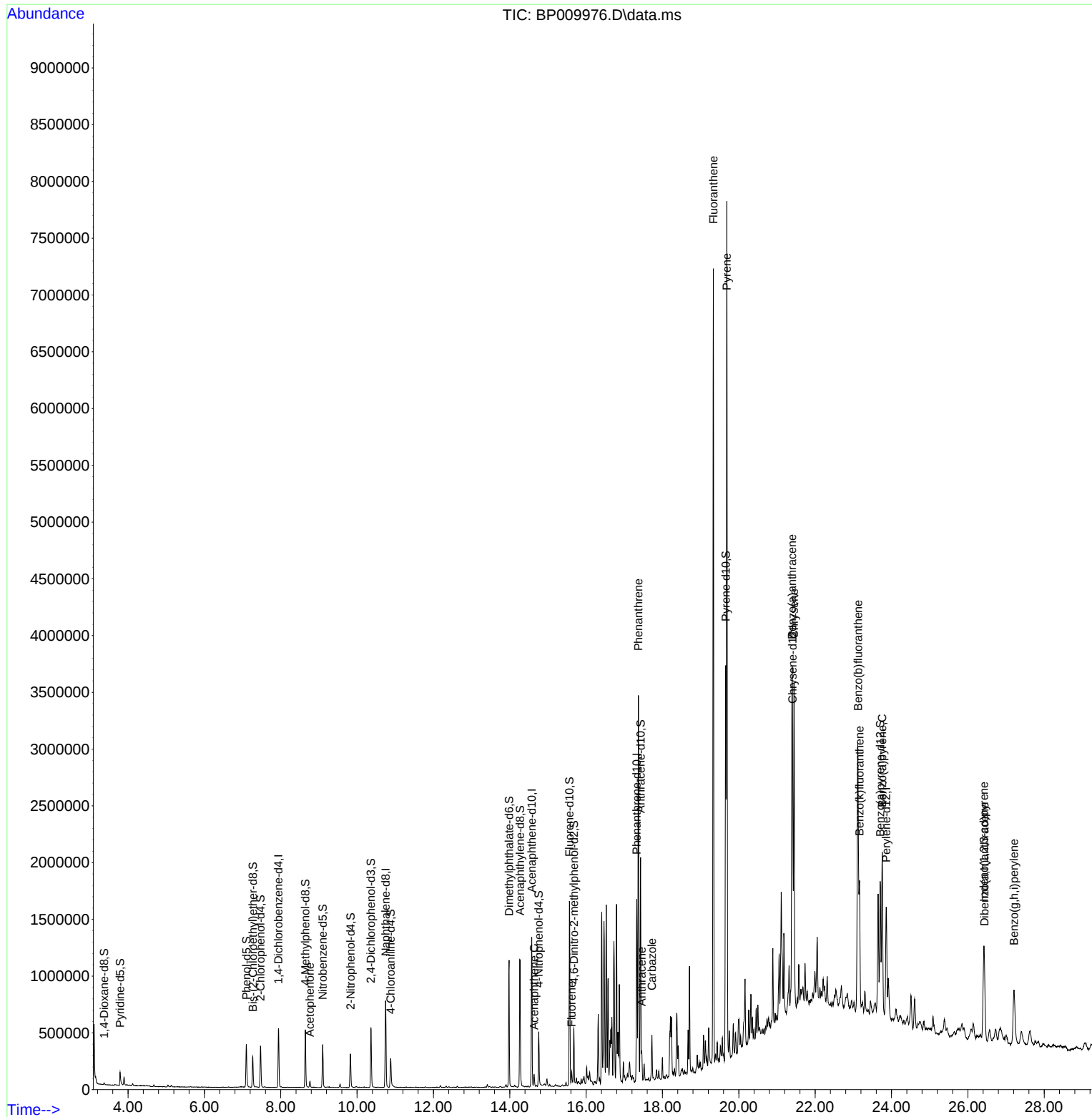
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
Data File : BP009976.D
Acq On : 20 Apr 2022 15:02
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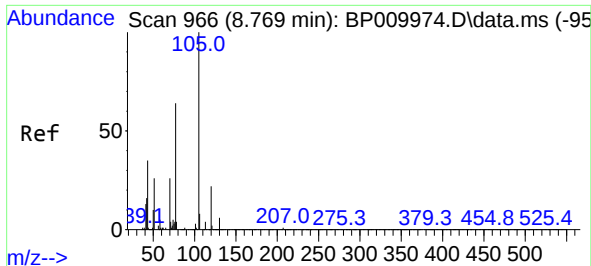
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Quant Title : SVOA CALIBRATION
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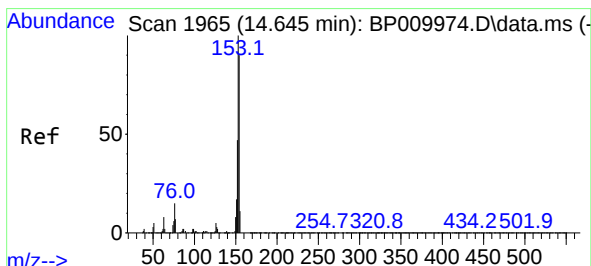
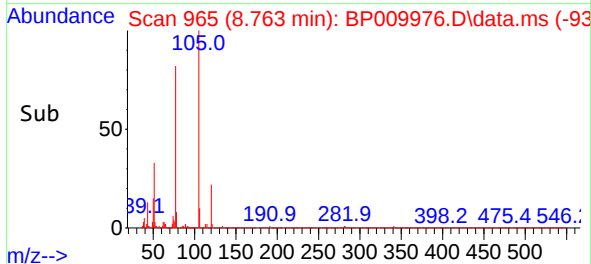
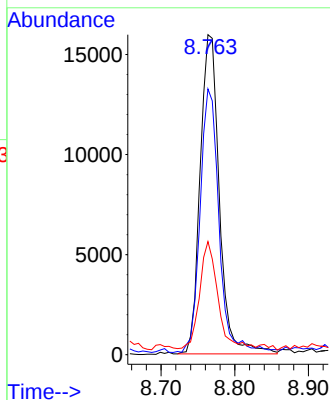
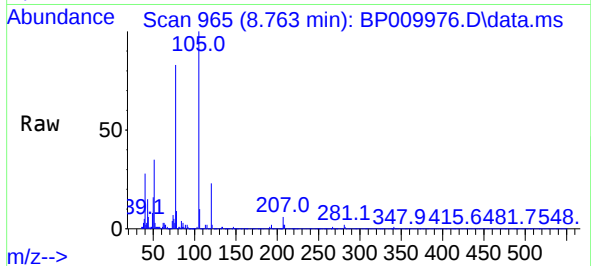
#16
Acetophenone
Concen: 1.801 ng/ul m
RT: 8.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP009976.D
Acq: 20 Apr 2022 15:02

Instrument :
BNA_P
ClientSampleId :
BFFD9

Tgt Ion:105 Resp: 2894
Ion Ratio Lower Upper
105 100
77 83.0 53.4 80.2
51 35.4 13.8 20.8

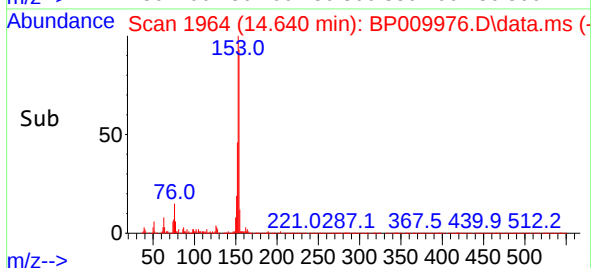
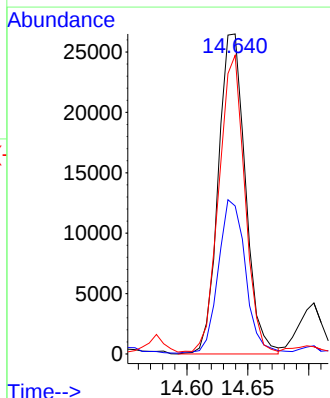
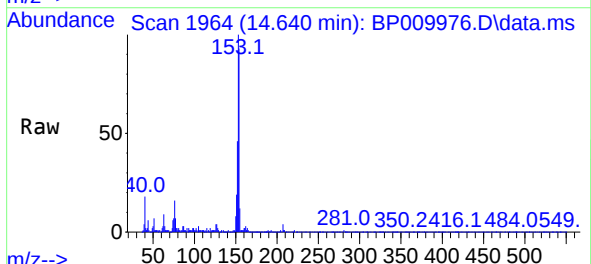
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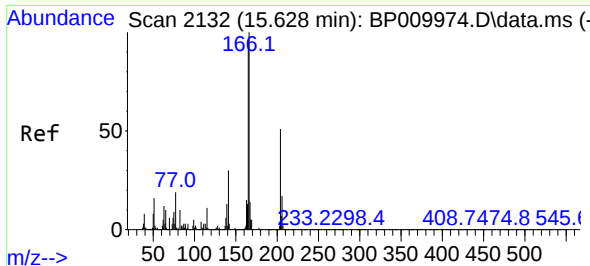
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#52
Acenaphthene
Concen: 1.557 ng/ul
RT: 14.640 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BP009976.D
Acq: 20 Apr 2022 15:02

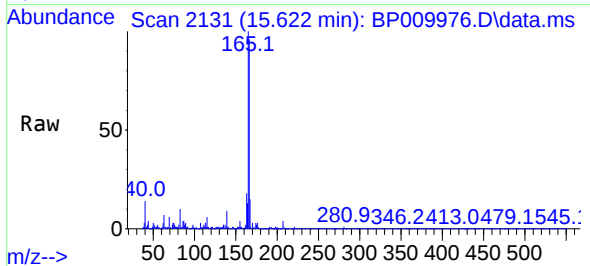
Tgt Ion:153 Resp: 41057
Ion Ratio Lower Upper
153 100
152 46.3 34.3 51.5
154 93.4 70.0 105.0





#61
Fluorene
Concen: 1.581 ng/u1
RT: 15.622 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP009976.D
Acq: 20 Apr 2022 15:02

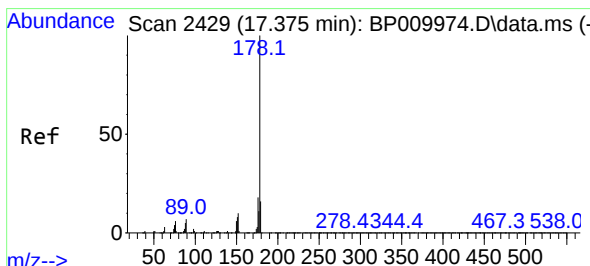
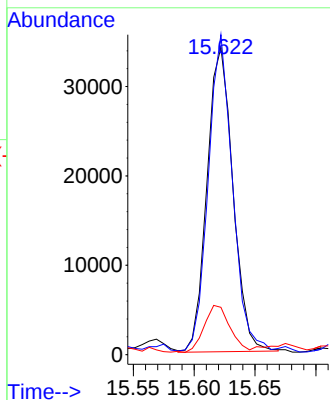
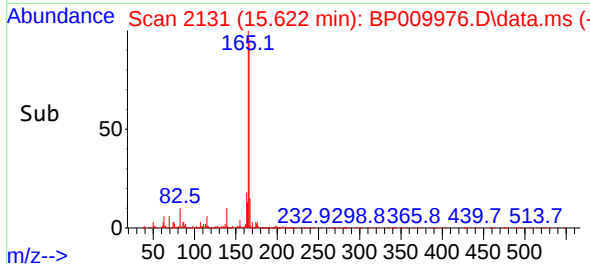
Instrument :
BNA_P
ClientSampleId :
BFFD9



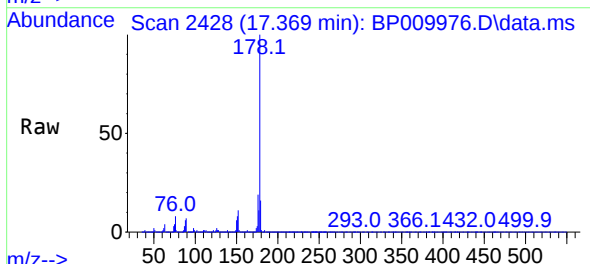
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Ion Ratio Lower Upper
166 100
165 104.2 70.3 105.5
167 15.4 9.5 14.3

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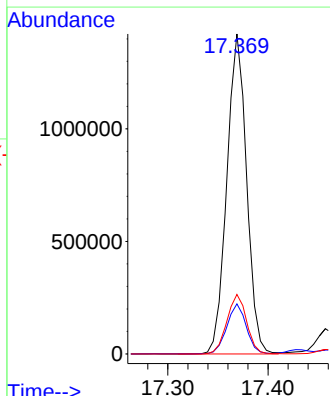
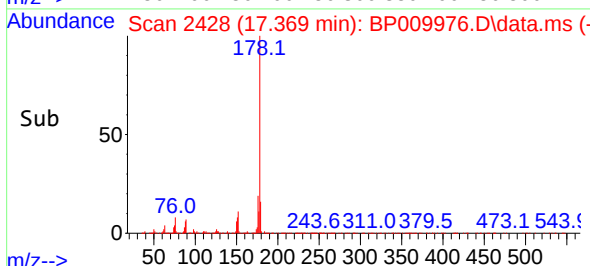
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022

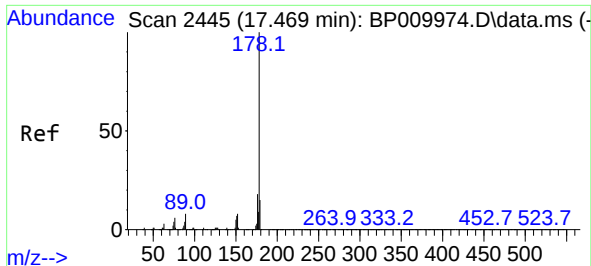


#72
Phenanthrene
Concen: 38.362 ng/u1
RT: 17.369 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP009976.D
Acq: 20 Apr 2022 15:02



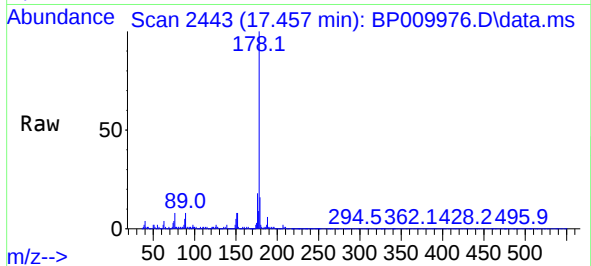
Tgt Ion:178 Resp: 1950063
Ion Ratio Lower Upper
178 100
179 15.7 11.7 17.5
176 18.6 14.5 21.7





#74
 Anthracene
 Concen: 3.243 ng/ul
 RT: 17.457 min Scan# 2445
 Delta R.T. -0.006 min
 Lab File: BP009976.D
 Acq: 20 Apr 2022 15:02

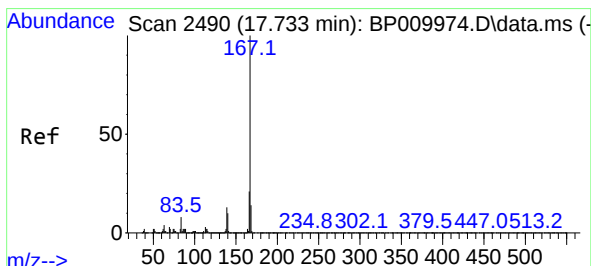
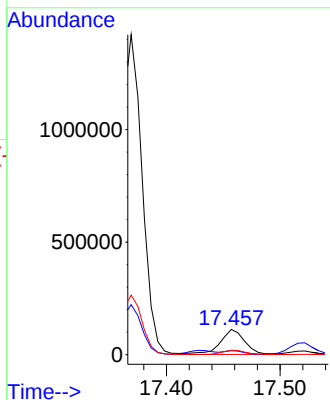
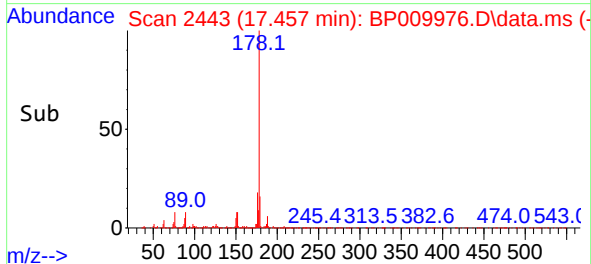
Instrument :
 BNA_P
 ClientSampleId :
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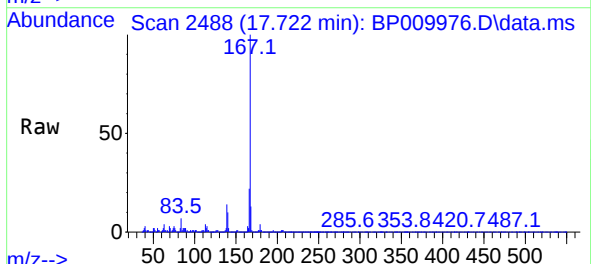
Tgt Ion:178 Resp: 167128
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.3 18.5
 176 18.0 13.4 20.2

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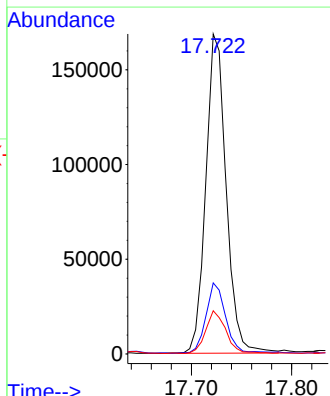
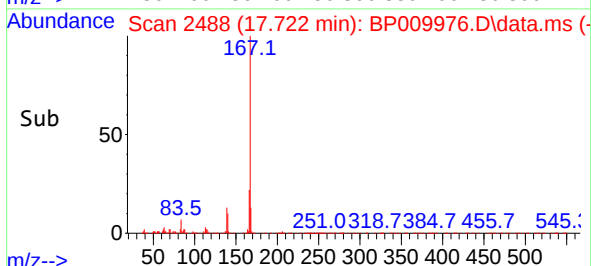
Reviewed By :Jagrut Upadhyay 04/21/2022
 Supervised By :Yogesh Patel 04/25/2022

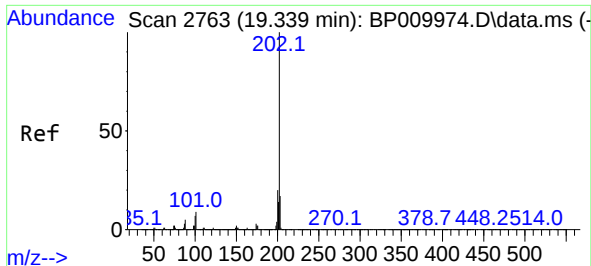


#77
 Carbazole
 Concen: 5.116 ng/ul
 RT: 17.722 min Scan# 2488
 Delta R.T. -0.006 min
 Lab File: BP009976.D
 Acq: 20 Apr 2022 15:02



Tgt Ion:167 Resp: 238268
 Ion Ratio Lower Upper
 167 100
 166 22.2 15.8 23.8
 139 13.5 8.3 12.5





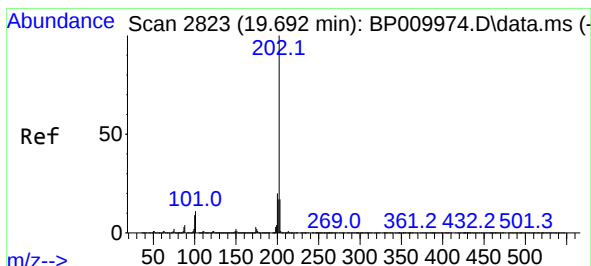
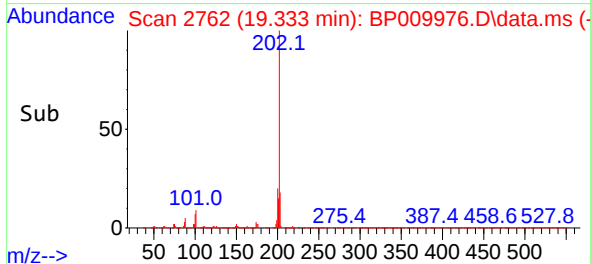
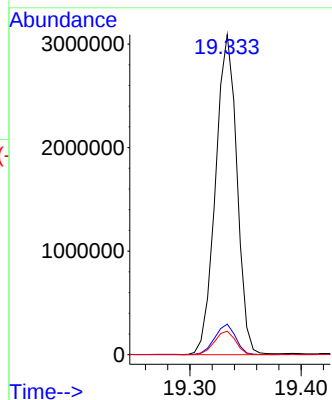
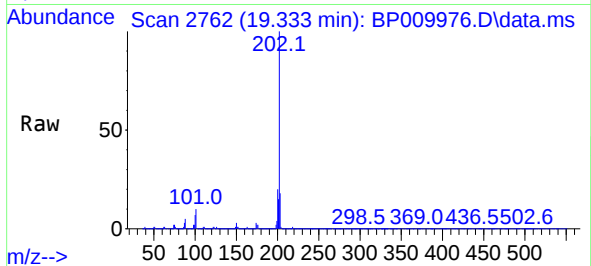
#80
Fluoranthene
Concen: 72.072 ng/ul m
RT: 19.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009976.D
Acq: 20 Apr 2022 15:02

Instrument :
BNA_P
ClientSampleId :
BFFD9

Tgt Ion:202 Resp: 4126050
Ion Ratio Lower Upper
202 100
101 9.6 9.6 14.4
100 7.3 6.3 9.5

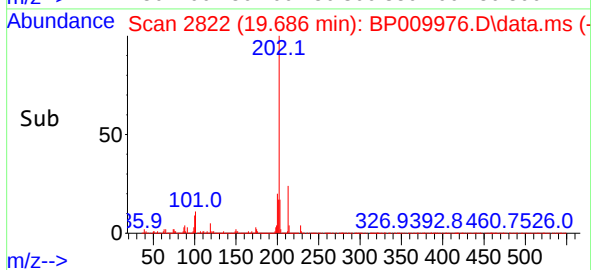
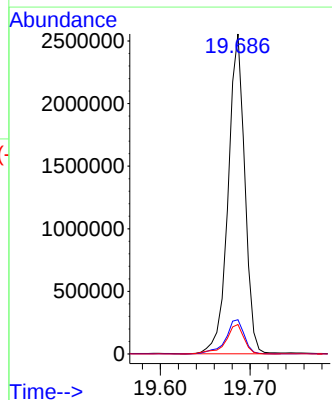
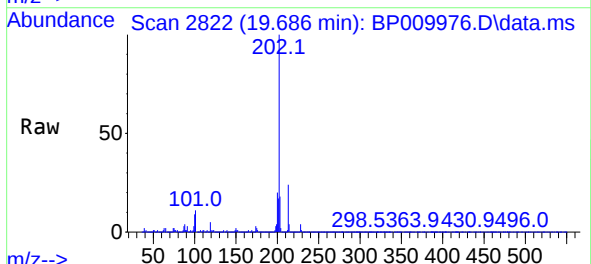
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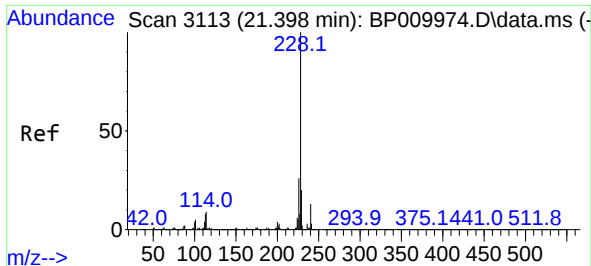
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#82
Pyrene
Concen: 56.599 ng/ul
RT: 19.686 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BP009976.D
Acq: 20 Apr 2022 15:02

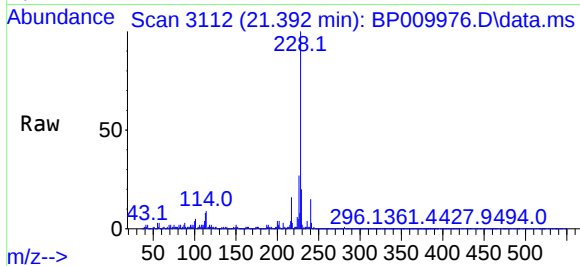
Tgt Ion:202 Resp: 3285195
Ion Ratio Lower Upper
202 100
101 10.7 10.6 15.8
100 9.2 9.8 14.6





#85
Benzo(a)anthracene
Concen: 20.406 ng/u1
RT: 21.392 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009976.D
Acq: 20 Apr 2022 15:02

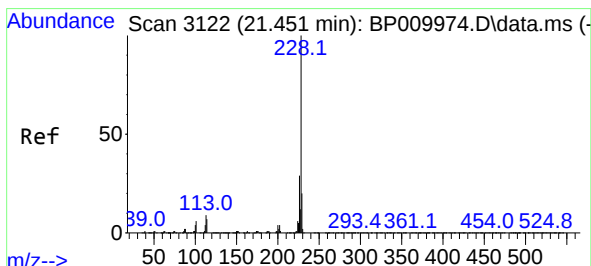
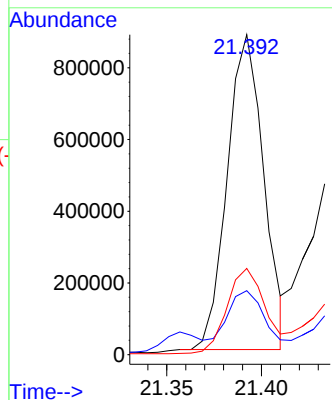
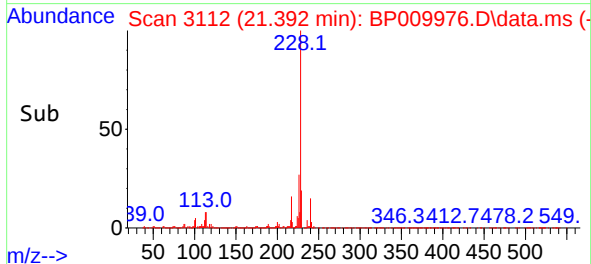
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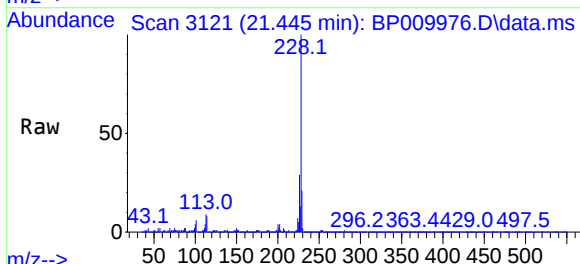
Tgt Ion:228 Resp: 117806
Ion Ratio Lower Upper
228 100
229 20.0 18.2 27.2
226 26.9 22.8 34.2

Manual Integrations
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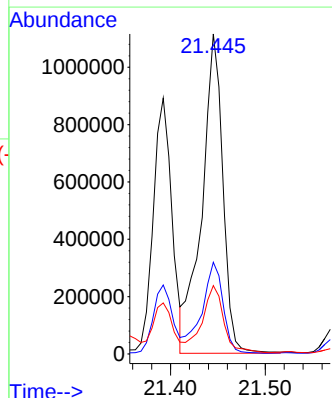
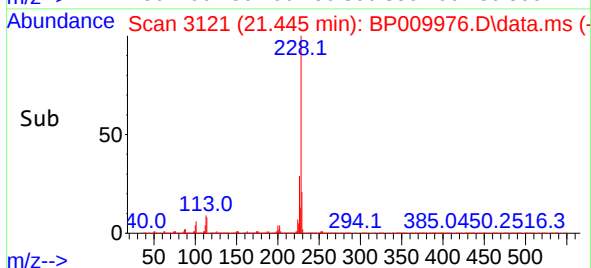
Reviewed By :Jagrut Upadhyay 04/21/2022
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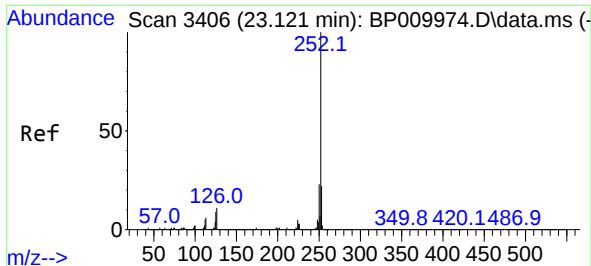


#87
Chrysene
Concen: 30.848 ng/u1
RT: 21.445 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP009976.D
Acq: 20 Apr 2022 15:02



Tgt Ion:228 Resp: 1718301
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 21.4 15.2 22.8





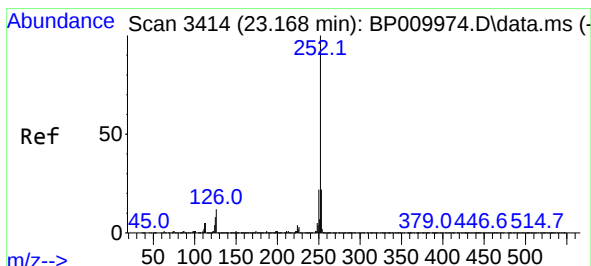
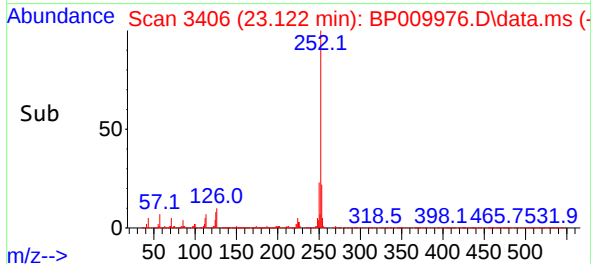
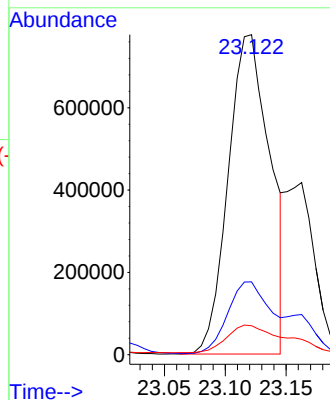
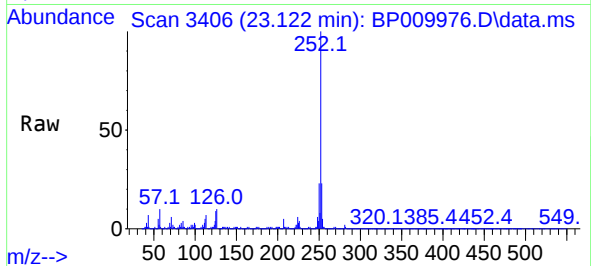
#90
Benzo(b)fluoranthene
Concen: 35.972 ng/ul
RT: 23.122 min Scan# 3406
Delta R.T. -0.000 min
Lab File: BP009976.D
Acq: 20 Apr 2022 15:02

Instrument :
BNA_P
ClientSampleId :
BFFD9

Tgt Ion:252 Resp: 185455
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 9.0 7.3 10.9

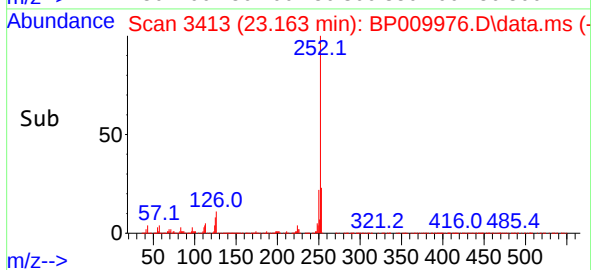
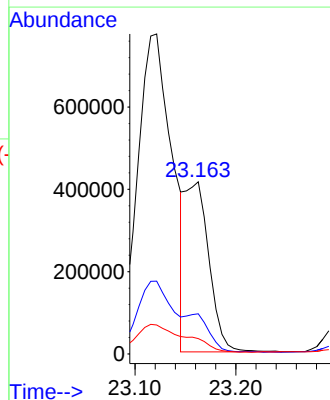
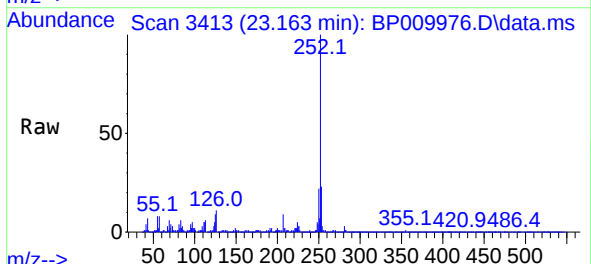
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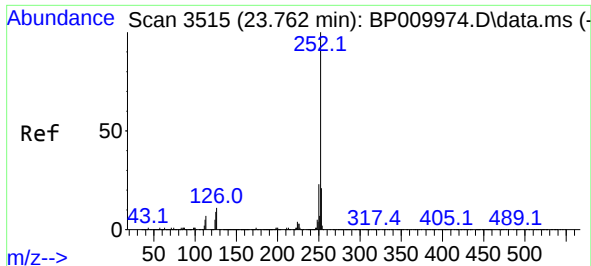
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#91
Benzo(k)fluoranthene
Concen: 14.464 ng/ul m
RT: 23.163 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BP009976.D
Acq: 20 Apr 2022 15:02

Tgt Ion:252 Resp: 680438
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 8.9 5.1 7.7#





#93
Benzo(a)pyrene
Concen: 21.538 ng/u1
RT: 23.757 min Scan# 310
Delta R.T. -0.006 min
Lab File: BP009976.D
Acq: 20 Apr 2022 15:02

Instrument :

BNA_P

ClientSampleId :

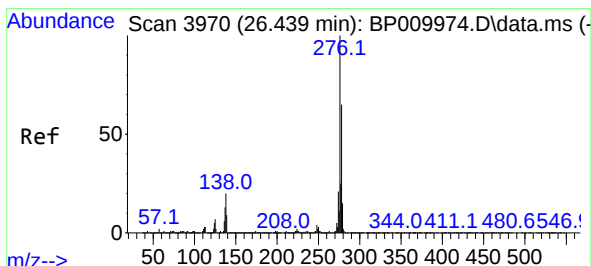
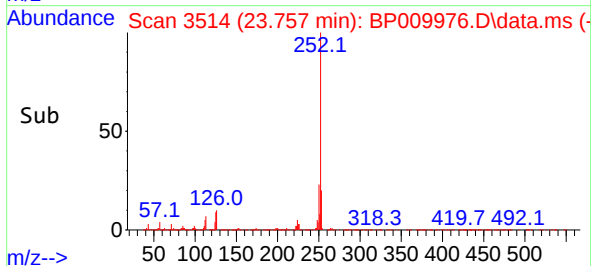
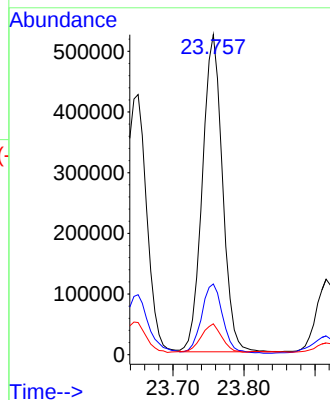
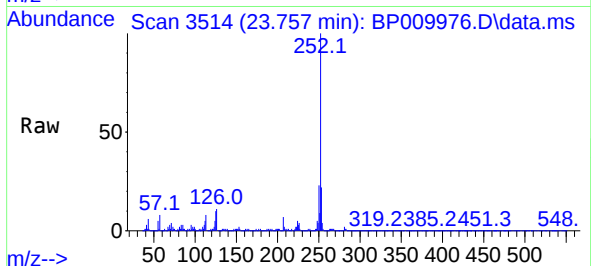
BFFD9

Tgt Ion:252 Resp: 102927
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.6 6.4 9.6

Manual Integrations

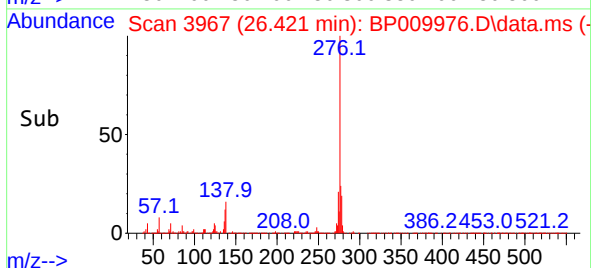
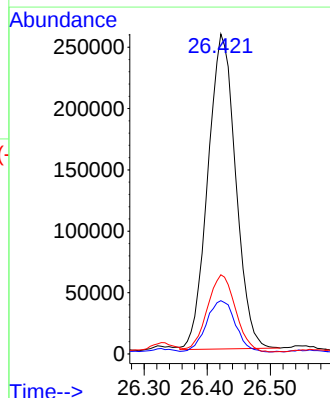
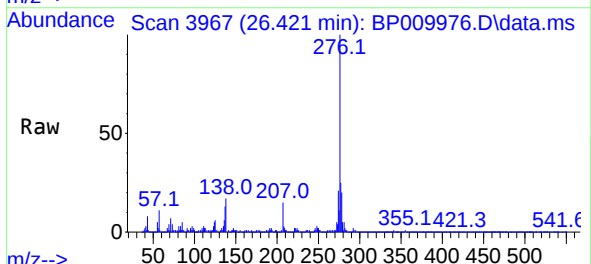
APPROVED

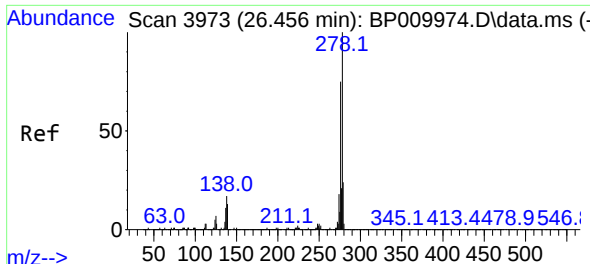
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 15.720 ng/u1
RT: 26.421 min Scan# 3967
Delta R.T. -0.018 min
Lab File: BP009976.D
Acq: 20 Apr 2022 15:02

Tgt Ion:276 Resp: 785580
Ion Ratio Lower Upper
276 100
138 16.7 12.3 18.5
277 24.8 19.3 28.9





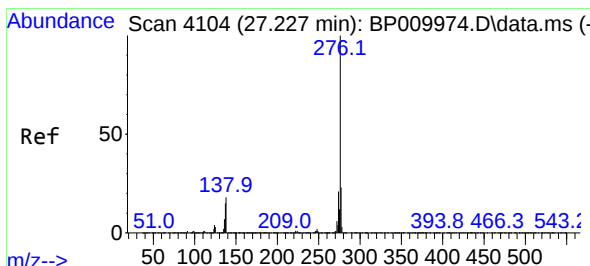
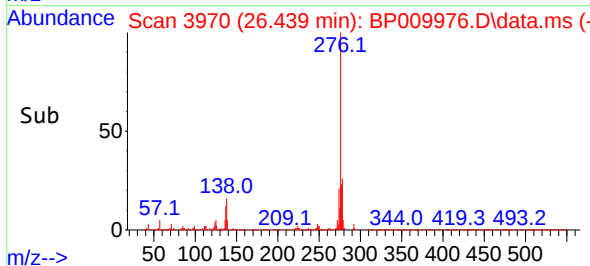
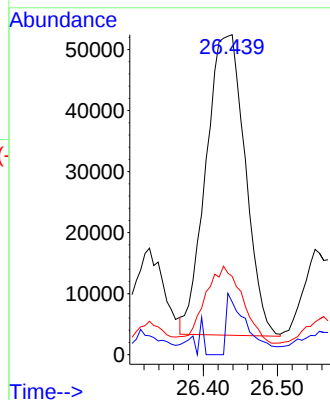
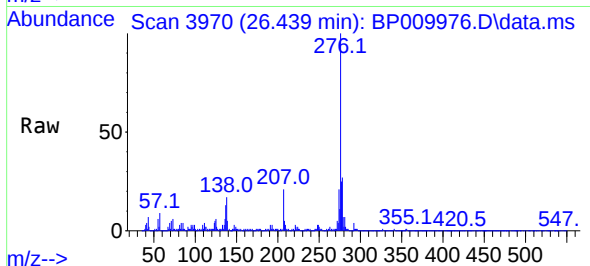
#95
Dibenzo(a,h)anthracene
Concen: 4.160 ng/ul
RT: 26.439 min Scan# 3973
Delta R.T. -0.012 min
Lab File: BP009976.D
Acq: 20 Apr 2022 15:02

Instrument :
BNA_P
ClientSampleId :
BFFD9

Tgt Ion:278 Resp: 180274
Ion Ratio Lower Upper
278 100
139 16.4 6.6 10.0#
279 24.4 18.4 27.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#96
Benzo(g,h,i)perylene
Concen: 16.829 ng/ul
RT: 27.210 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BP009976.D
Acq: 20 Apr 2022 15:02

Tgt Ion:276 Resp: 693417
Ion Ratio Lower Upper
276 100
138 18.4 11.6 17.4#
277 24.2 15.9 23.9#

