

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009978.D
 Acq On : 20 Apr 2022 16:09
 Operator : CG/JU
 Sample : N2374-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFF1

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 01:06:58 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	7.946	152	142301	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.746	136	647309	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	452253	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	973536	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.404	240	800315	20.000	ng/ul	0.00
88) Perylene-d12	23.863	264	664901	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	8525	2.674	ng/uL	0.00
4) Pyridine-d5	3.793	84	51392	5.846	ng/ul	0.00
7) Phenol-d5	7.099	99	195646	15.660	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	117957	15.860	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	151702	16.098	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	157565	15.108	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	79386	17.007	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	89624	17.513	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	182209	17.014	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	178192	11.683	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	671341	18.898	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	740329	17.590	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	105878	16.434	ng/ul	0.00
60) Fluorene-d10	15.569	176	631808	21.141	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	72727	12.610	ng/ul	0.00
73) Anthracene-d10	17.422	188	1019845	21.879	ng/ul	0.00
81) Pyrene-d10	19.657	212	1235668	28.270	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	811275	23.430	ng/ul	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.763	105	29127	1.773	ng/ul#	79
72) Phenanthrene	17.369	178	94578	1.820	ng/ul	96
80) Fluoranthene	19.328	202	215700	4.287	ng/ul	96
82) Pyrene	19.680	202	197750	3.877	ng/ul	96
85) Benzo(a)anthracene	21.392	228	73513	1.449	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.316	149	55341	1.758	ng/ul#	82
87) Chrysene	21.445	228	97465	1.991	ng/ul	96
90) Benzo(b)fluoranthene	23.116	252	103744	2.348	ng/ul#	87
91) Benzo(k)fluoranthene	23.151	252	42693m	1.059	ng/ul	
93) Benzo(a)pyrene	23.751	252	57925	1.415	ng/ul#	87
94) Indeno(1,2,3-cd)pyrene	26.415	276	44459	1.038	ng/ul#	85
96) Benzo(g,h,i)perylene	27.209	276	43274	1.226	ng/ul#	77

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

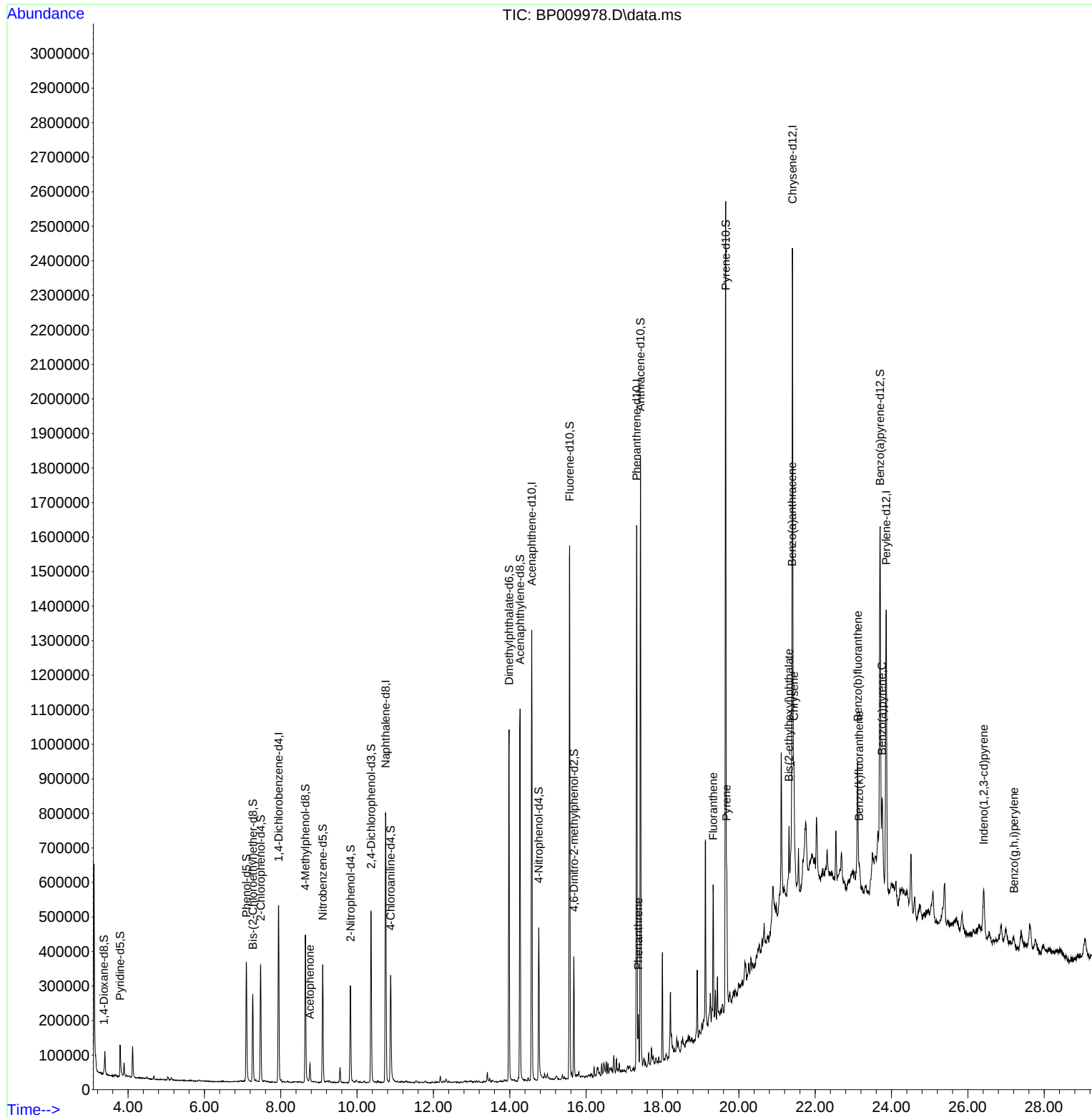
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Data File : BP009978.D
Acq On : 20 Apr 2022 16:09
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Sample : N2374-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

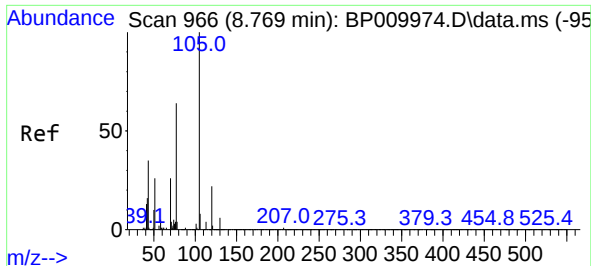
Instrument :
BNA_P
ClientSampleId :
BFFF1

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Quant Time: Apr 21 01:06:58 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





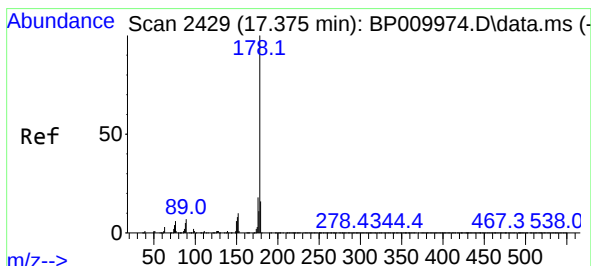
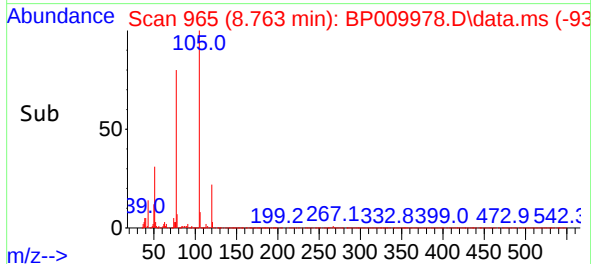
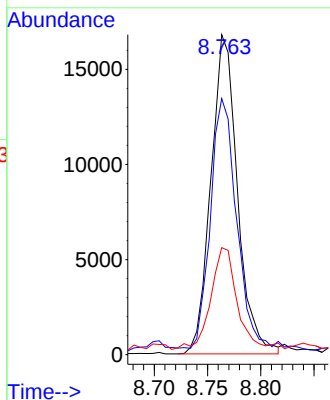
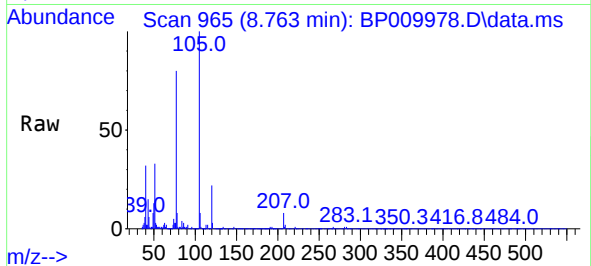
#16
Acetophenone
Concen: 1.773 ng/ul
RT: 8.763 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP009978.D
Acq: 20 Apr 2022 16:09

Instrument :
BNA_P
ClientSampleId :
BFFF1

Tgt Ion:105 Resp: 2912
Ion Ratio Lower Upper
105 100
77 80.1 53.4 80.2
51 33.5 13.8 20.8

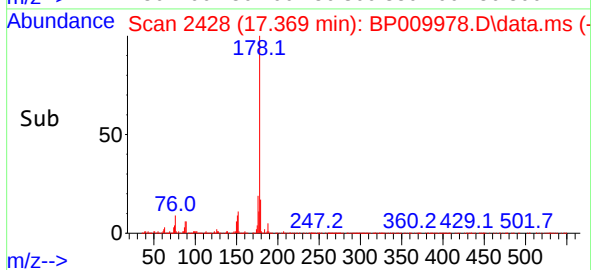
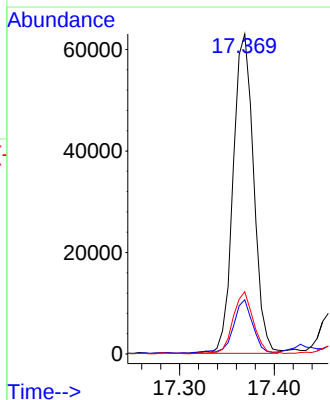
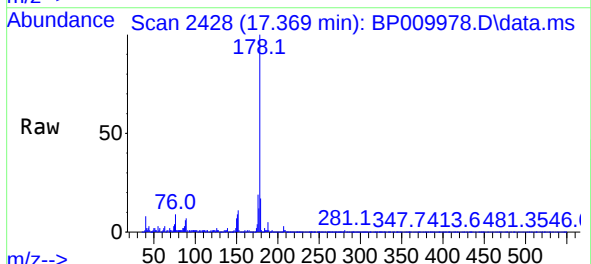
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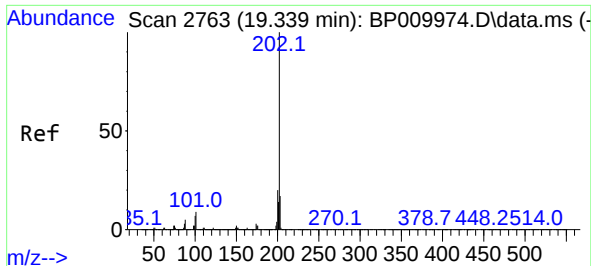
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#72
Phenanthrene
Concen: 1.820 ng/ul
RT: 17.369 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP009978.D
Acq: 20 Apr 2022 16:09

Tgt Ion:178 Resp: 94578
Ion Ratio Lower Upper
178 100
179 17.0 11.7 17.5
176 19.5 14.5 21.7





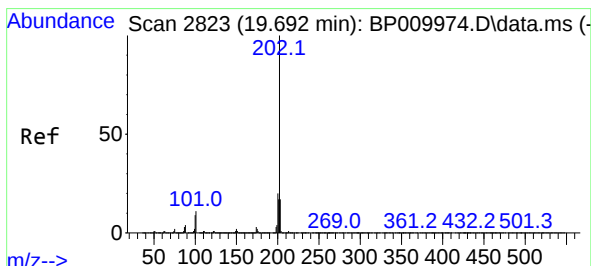
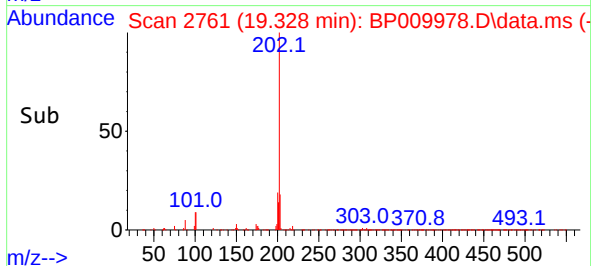
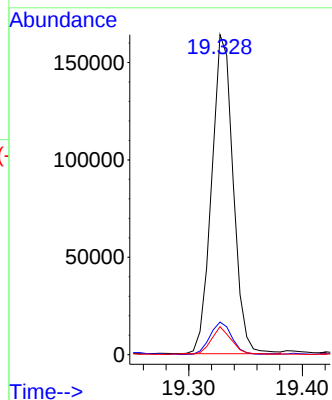
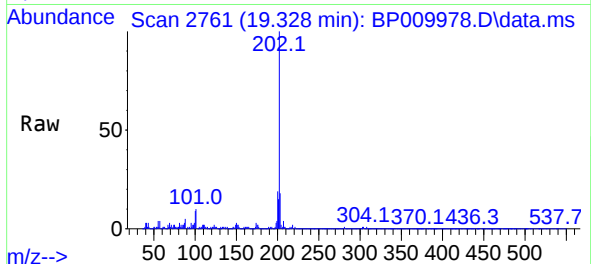
#80
Fluoranthene
Concen: 4.287 ng/u1
RT: 19.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009978.D
Acq: 20 Apr 2022 16:09

Instrument :
BNA_P
ClientSampleId :
BFFF1

Tgt Ion:202 Resp: 215700
Ion Ratio Lower Upper
202 100
101 10.2 9.6 14.4
100 8.7 6.3 9.5

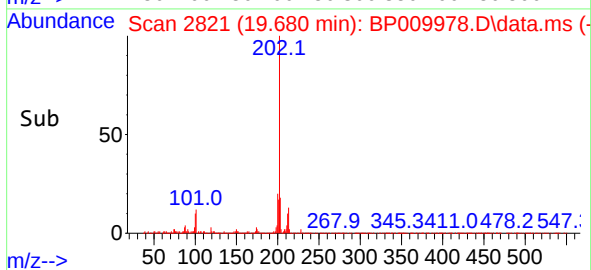
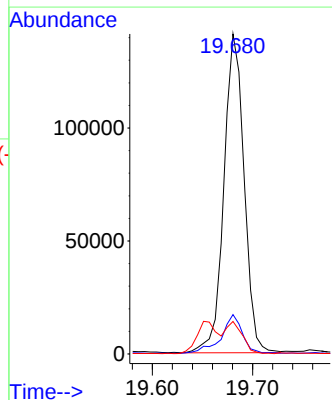
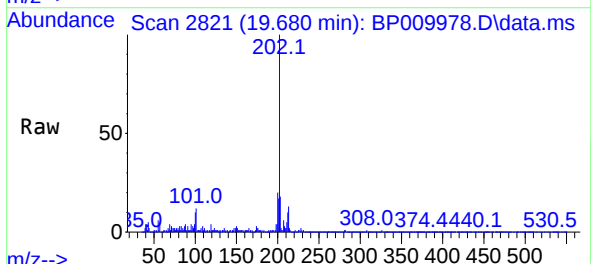
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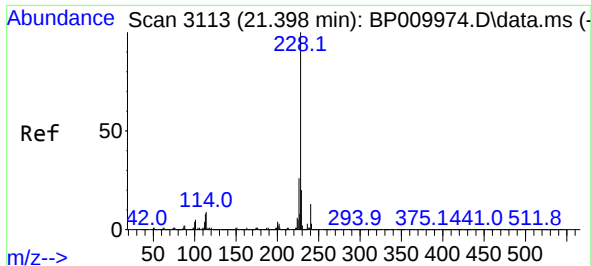
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#82
Pyrene
Concen: 3.877 ng/u1
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP009978.D
Acq: 20 Apr 2022 16:09

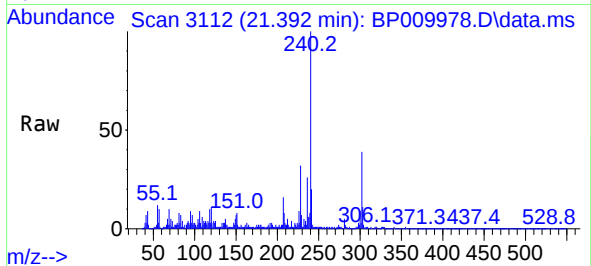
Tgt Ion:202 Resp: 197750
Ion Ratio Lower Upper
202 100
101 12.3 10.6 15.8
100 10.1 9.8 14.6





#85
Benzo(a)anthracene
Concen: 1.449 ng/ul
RT: 21.392 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009978.D
Acq: 20 Apr 2022 16:09

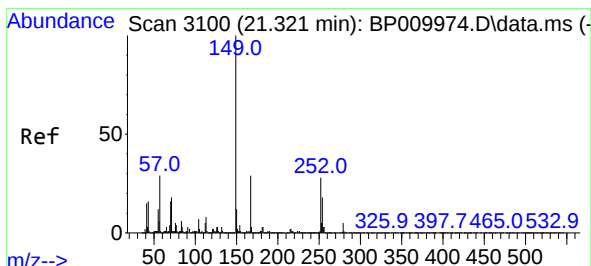
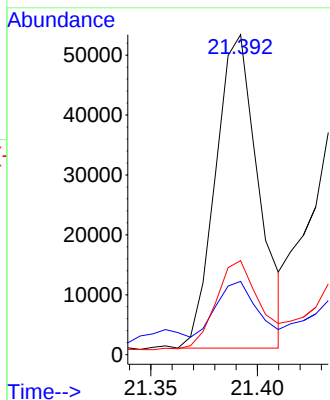
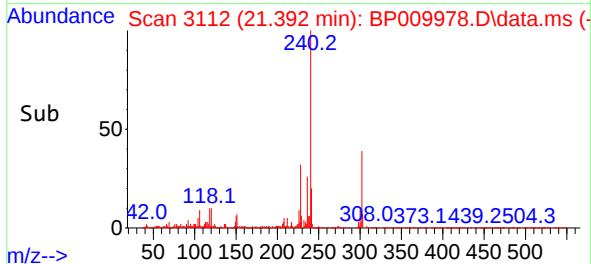
Instrument :
BNA_P
ClientSampleId :
BFFF1



Tgt Ion:228 Resp: 73511
Ion Ratio Lower Upper
228 100
229 22.9 18.2 27.2
226 29.4 22.8 34.2

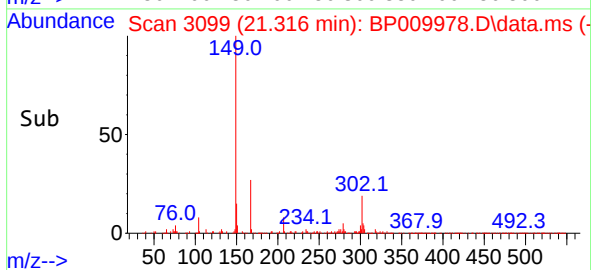
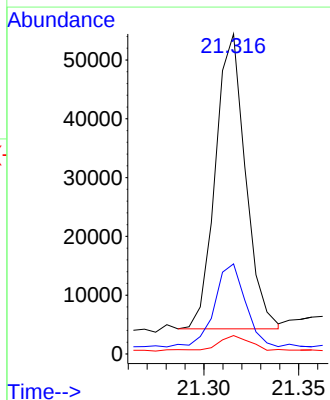
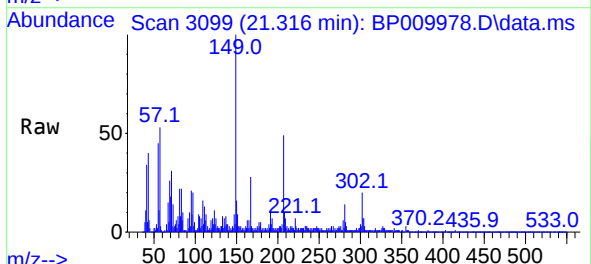
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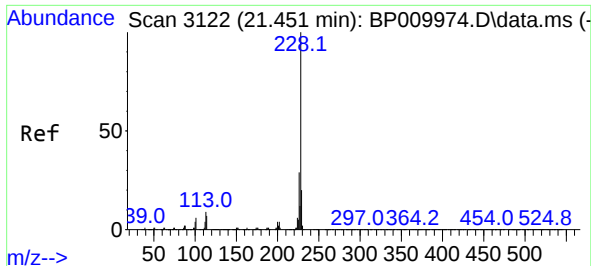
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.758 ng/ul
RT: 21.316 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BP009978.D
Acq: 20 Apr 2022 16:09

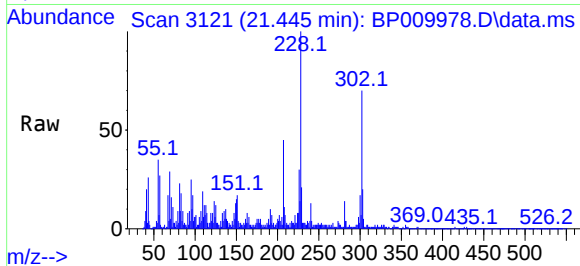
Tgt Ion:149 Resp: 55341
Ion Ratio Lower Upper
149 100
167 28.2 32.8 49.2#
279 5.8 5.6 8.4





#87
Chrysene
Concen: 1.991 ng/u1
RT: 21.445 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP009978.D
Acq: 20 Apr 2022 16:09

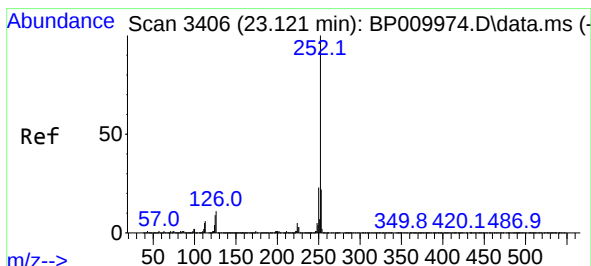
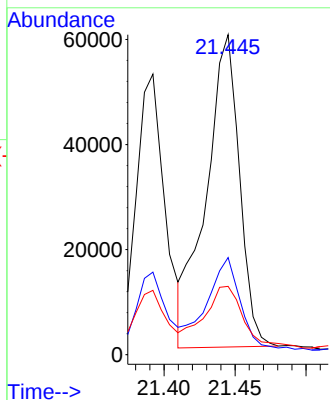
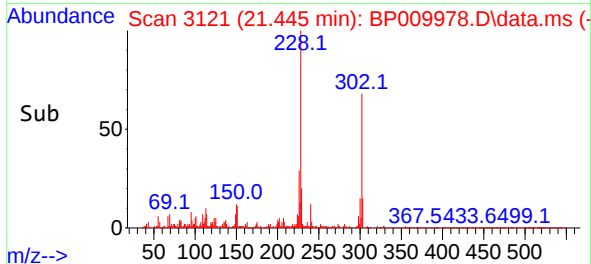
Instrument :
BNA_P
ClientSampleId :
BFFF1



Tgt Ion:228 Resp: 9746
Ion Ratio Lower Upper
228 100
226 30.4 22.7 34.1
229 21.4 15.2 22.8

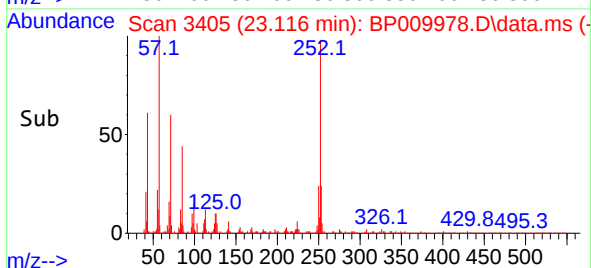
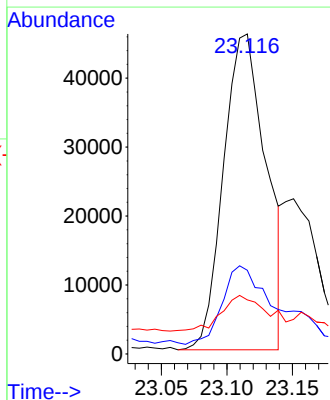
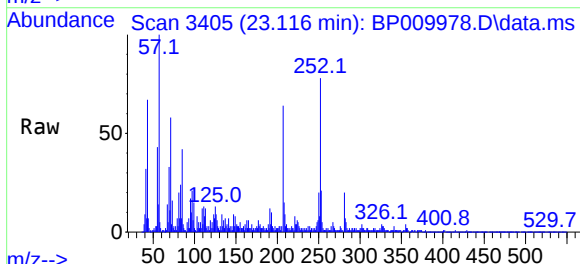
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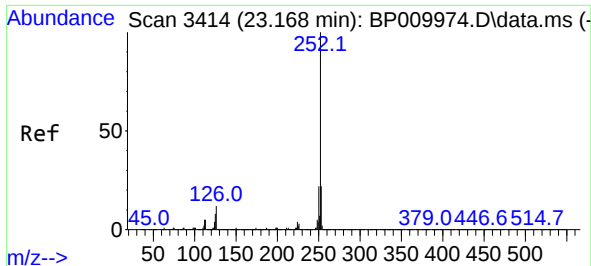
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#90
Benzo(b)fluoranthene
Concen: 2.348 ng/u1
RT: 23.116 min Scan# 3405
Delta R.T. -0.006 min
Lab File: BP009978.D
Acq: 20 Apr 2022 16:09

Tgt Ion:252 Resp: 103744
Ion Ratio Lower Upper
252 100
253 26.2 17.4 26.0#
125 16.9 7.3 10.9#





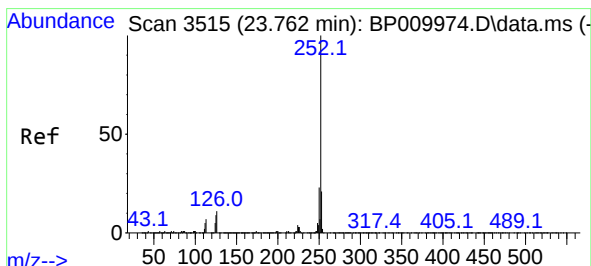
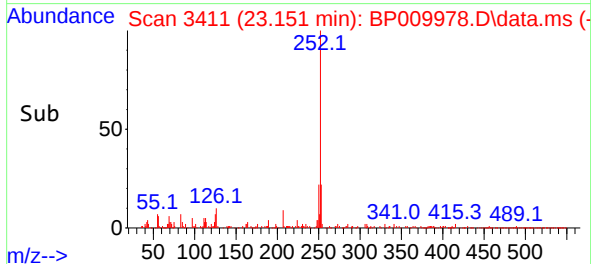
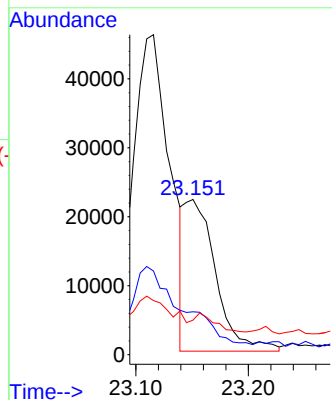
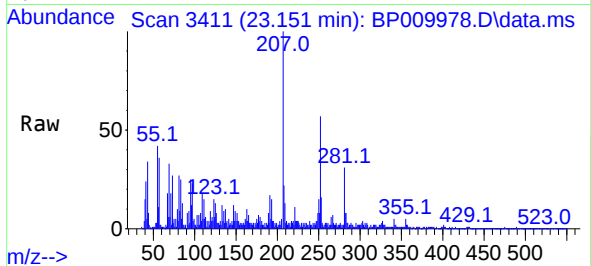
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Benzo(k)fluoranthene
Concen: 1.059 ng/ul m
RT: 23.151 min Scan# 3411
Delta R.T. -0.018 min
Lab File: BP009978.D
Acq: 20 Apr 2022 16:09

Instrument :
BNA_P
ClientSampleId :
BFFF1

Tgt Ion:252 Resp: 4269
Ion Ratio Lower Upper
252 100
253 27.7 17.9 26.9
125 22.3 5.1 7.7

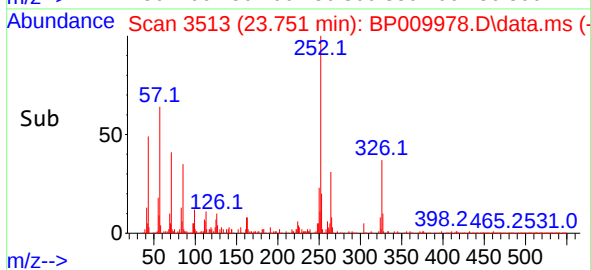
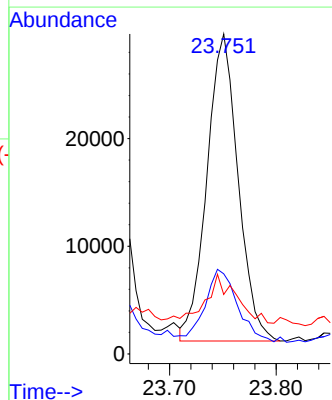
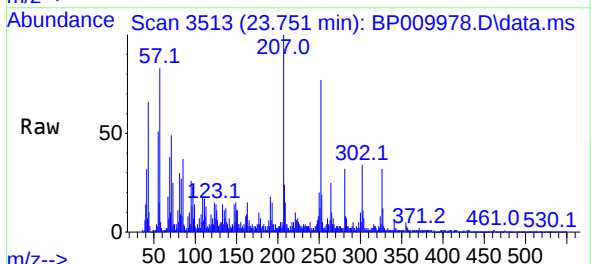
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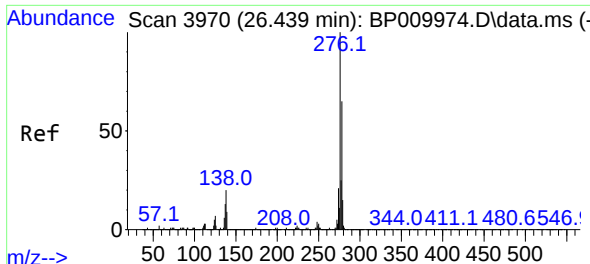
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#93
Benzo(a)pyrene
Concen: 1.415 ng/ul
RT: 23.751 min Scan# 3513
Delta R.T. -0.012 min
Lab File: BP009978.D
Acq: 20 Apr 2022 16:09

Tgt Ion:252 Resp: 57925
Ion Ratio Lower Upper
252 100
253 25.1 17.5 26.3
125 18.6 6.4 9.6





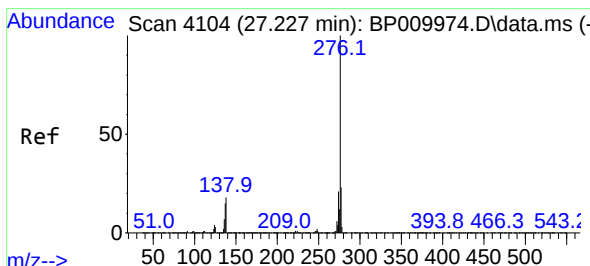
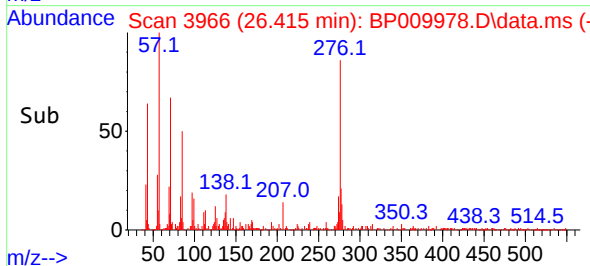
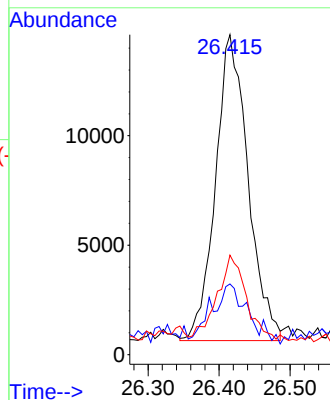
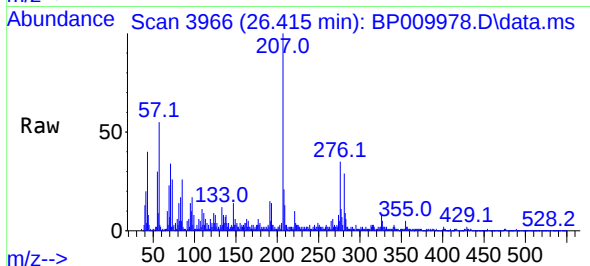
#94
Indeno(1,2,3-cd)pyrene
Concen: 1.038 ng/ul
RT: 26.415 min Scan# 3966
Delta R.T. -0.024 min
Lab File: BP009978.D
Acq: 20 Apr 2022 16:09

Instrument :
BNA_P
ClientSampleId :
BFFF1

Tgt Ion:276 Resp: 4445
Ion Ratio Lower Upper
276 100
138 22.1 12.3 18.5
277 31.1 19.3 28.9

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 1.226 ng/ul
RT: 27.209 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BP009978.D
Acq: 20 Apr 2022 16:09

Tgt Ion:276 Resp: 43274
Ion Ratio Lower Upper
276 100
138 26.1 11.6 17.4#
277 29.0 15.9 23.9#

