

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009979.D
 Acq On : 20 Apr 2022 16:43
 Operator : CG/JU
 Sample : N2374-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFD4

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 01:07:12 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	136231	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	611334	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	434787	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	949770	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.404	240	863151	20.000	ng/u1	# 0.00
88) Perylene-d12	23.857	264	751096	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	7256m	2.377	ng/uL	0.00
4) Pyridine-d5	3.799	84	23042	2.738	ng/u1	0.01
7) Phenol-d5	7.105	99	135868	11.360	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	91717	12.881	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	117308	13.003	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	121582	12.177	ng/u1	0.00
21) Nitrobenzene-d5	9.104	128	60652	13.758	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	66327	13.723	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	127441m	12.601	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	134931	9.367	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	467417	13.686	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	517857	12.799	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	54454m	8.792	ng/u1	0.00
60) Fluorene-d10	15.569	176	425823	14.821	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	36891	6.557	ng/u1	0.00
73) Anthracene-d10	17.422	188	687663	15.122	ng/u1	0.00
81) Pyrene-d10	19.651	212	860792	18.260	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.704	264	615459	15.735	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.763	105	23255m	1.478	ng/u1	
72) Phenanthrene	17.369	178	225306	4.444	ng/u1	99
80) Fluoranthene	19.327	202	587505	10.827	ng/u1	96
82) Pyrene	19.680	202	497465	9.042	ng/u1#	95
85) Benzo(a)anthracene	21.392	228	231459	4.230	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.316	149	62583	1.844	ng/u1#	82
87) Chrysene	21.445	228	304301	5.764	ng/u1	96
90) Benzo(b)fluoranthene	23.110	252	342880	6.871	ng/u1#	98
91) Benzo(k)fluoranthene	23.157	252	108313m	2.379	ng/u1	
93) Benzo(a)pyrene	23.751	252	197580	4.271	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	26.415	276	131227	2.713	ng/u1	93
96) Benzo(g,h,i)perylene	27.198	276	108119	2.711	ng/u1#	88

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

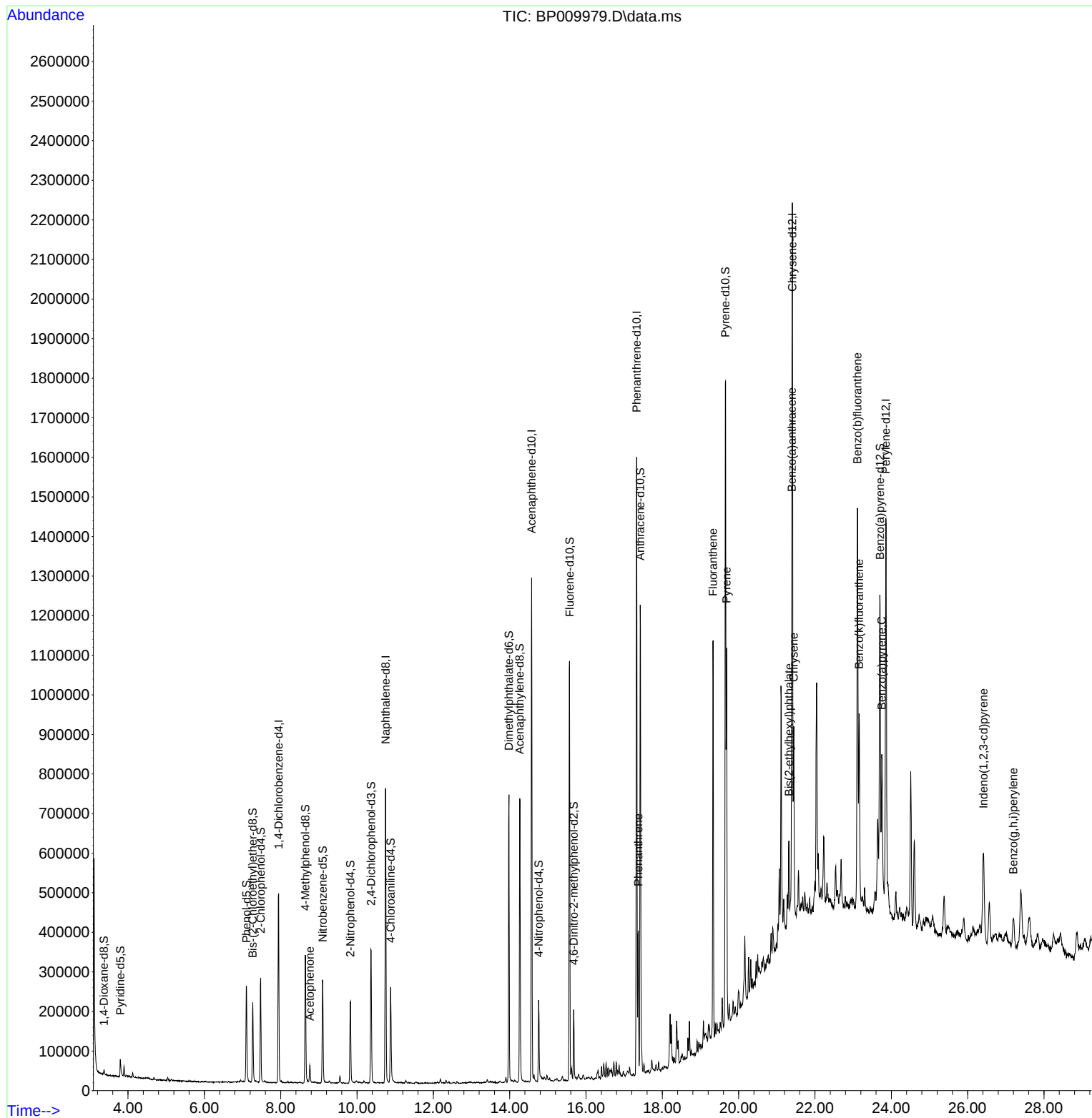
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Data File : BP009979.D
Acq On : 20 Apr 2022 16:43
Operator : CG/JU
Sample : N2374-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

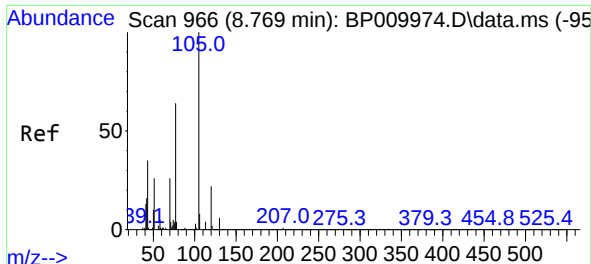
Instrument :
BNA_P
ClientSampleId :
BFFD4

Quant Time: Apr 21 01:07:12 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

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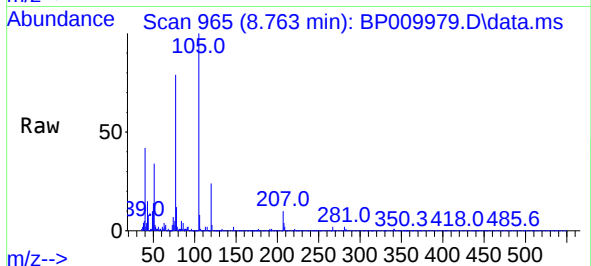
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022





#16
Acetophenone
Concen: 1.478 ng/ul m
RT: 8.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP009979.D
Acq: 20 Apr 2022 16:43

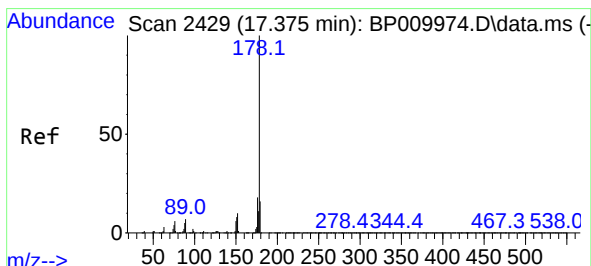
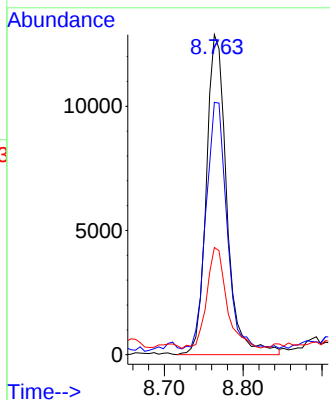
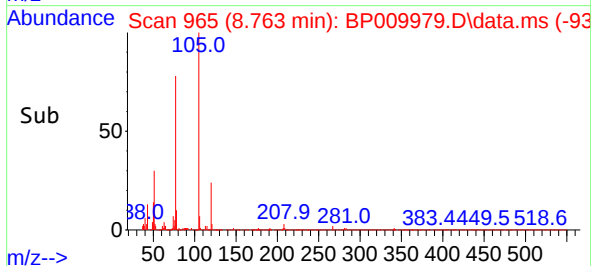
Instrument :
BNA_P
ClientSampleId :
BFFD4



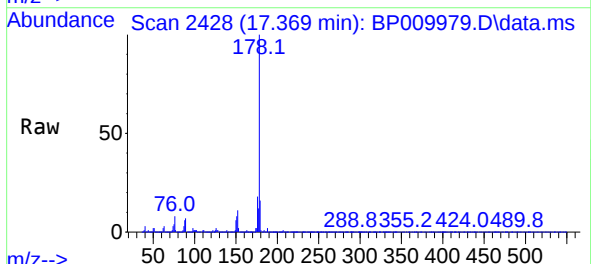
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Ion Ratio Lower Upper
105 100
77 78.8 53.4 80.2
51 33.5 13.8 20.8

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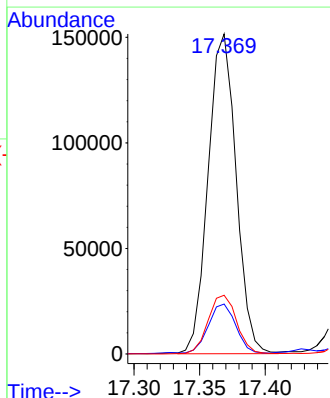
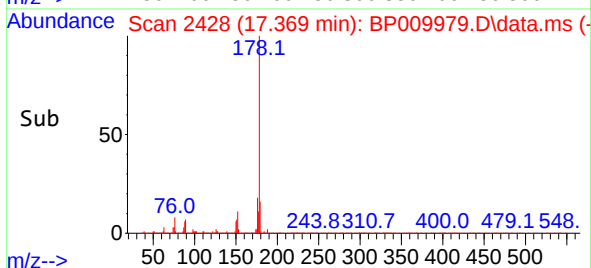
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022

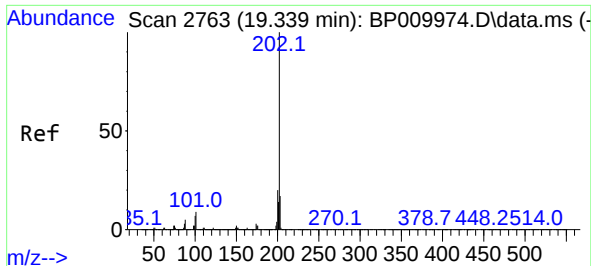


#72
Phenanthrene
Concen: 4.444 ng/ul
RT: 17.369 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP009979.D
Acq: 20 Apr 2022 16:43



Tgt Ion:178 Resp: 225306
Ion Ratio Lower Upper
178 100
179 15.6 11.7 17.5
176 18.3 14.5 21.7





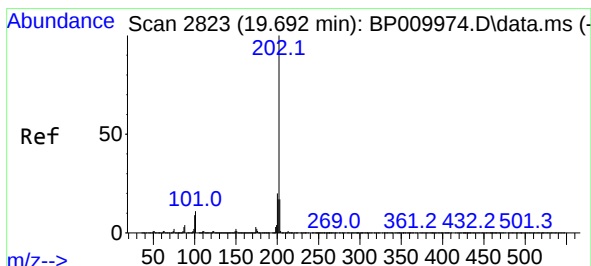
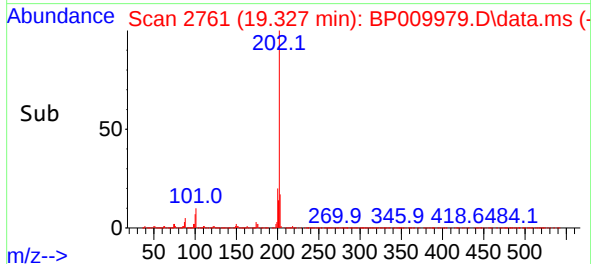
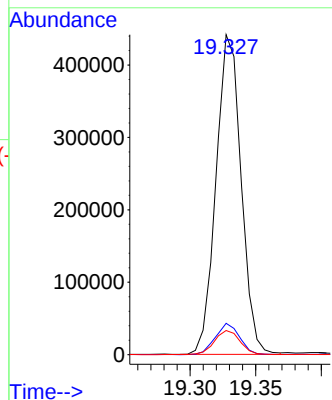
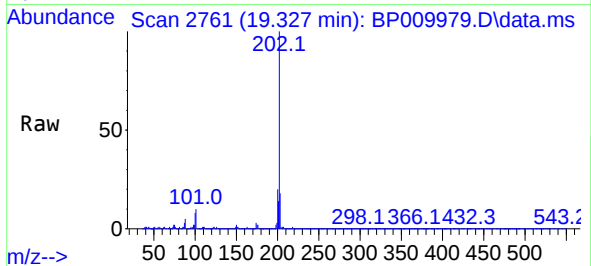
#80
Fluoranthene
Concen: 10.827 ng/u1
RT: 19.327 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009979.D
Acq: 20 Apr 2022 16:43

Instrument :
BNA_P
ClientSampleId :
BFFD4

Tgt Ion:202 Resp: 58750
Ion Ratio Lower Upper
202 100
101 9.8 9.6 14.4
100 7.6 6.3 9.5

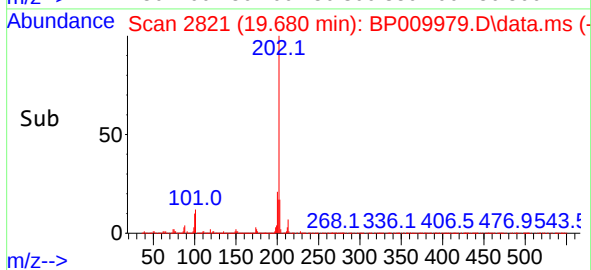
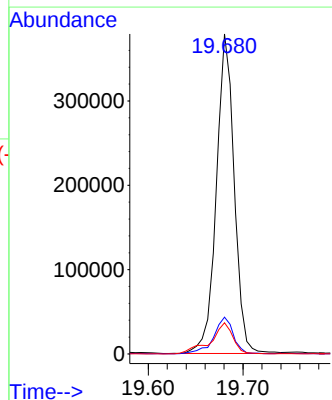
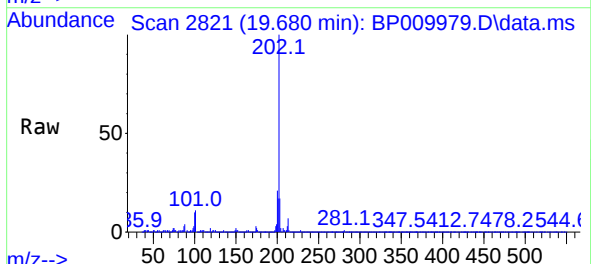
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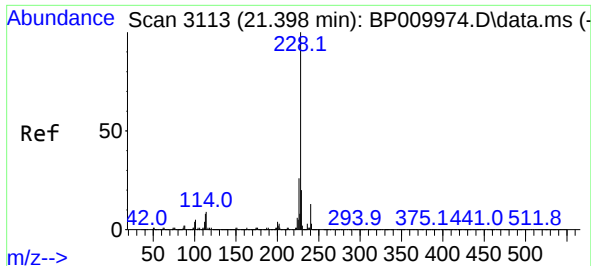
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#82
Pyrene
Concen: 9.042 ng/u1
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP009979.D
Acq: 20 Apr 2022 16:43

Tgt Ion:202 Resp: 497465
Ion Ratio Lower Upper
202 100
101 11.5 10.6 15.8
100 9.7 9.8 14.6#





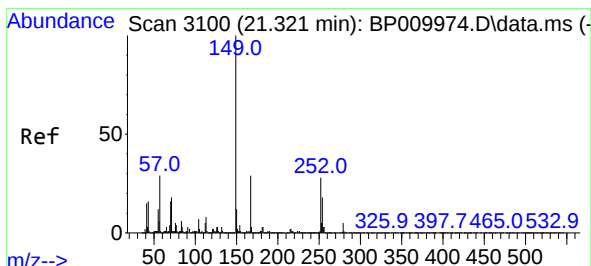
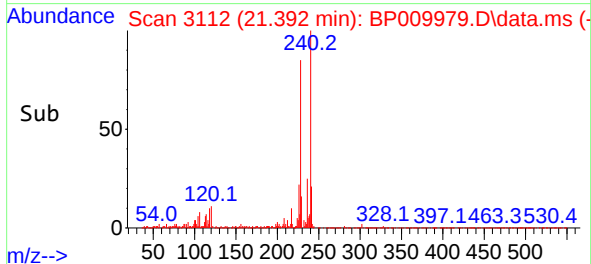
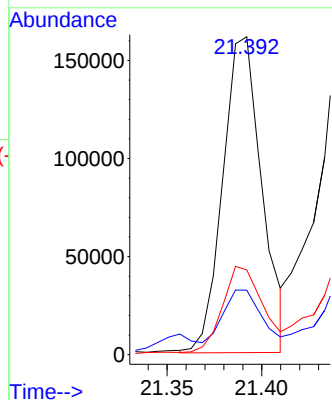
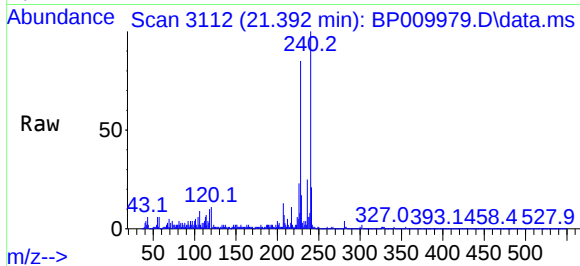
#85
Benzo(a)anthracene
Concen: 4.230 ng/ul
RT: 21.392 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009979.D
Acq: 20 Apr 2022 16:43

Instrument :
BNA_P
ClientSampleId :
BFFD4

Tgt Ion:228 Resp: 231459
Ion Ratio Lower Upper
228 100
229 20.3 18.2 27.2
226 26.7 22.8 34.2

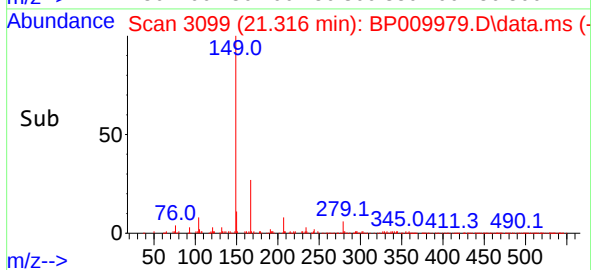
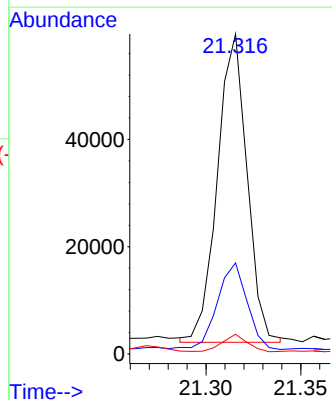
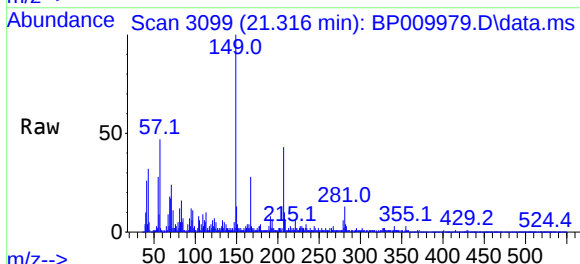
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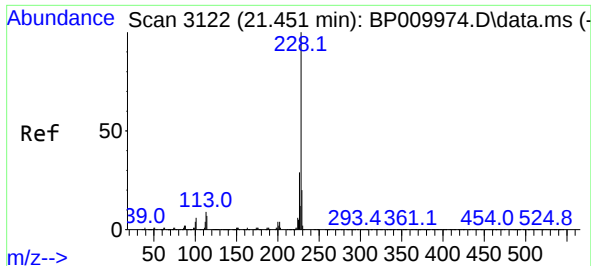
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.844 ng/ul
RT: 21.316 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BP009979.D
Acq: 20 Apr 2022 16:43

Tgt Ion:149 Resp: 62583
Ion Ratio Lower Upper
149 100
167 28.4 32.8 49.2#
279 6.2 5.6 8.4





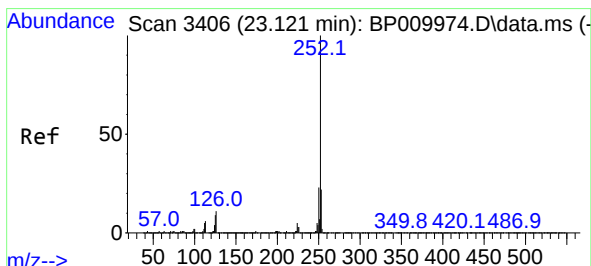
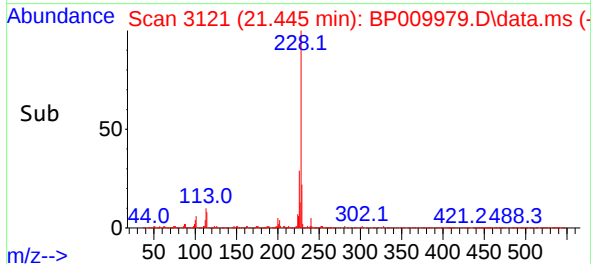
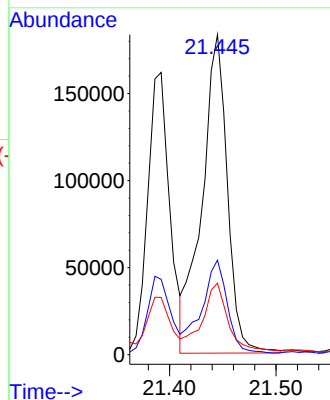
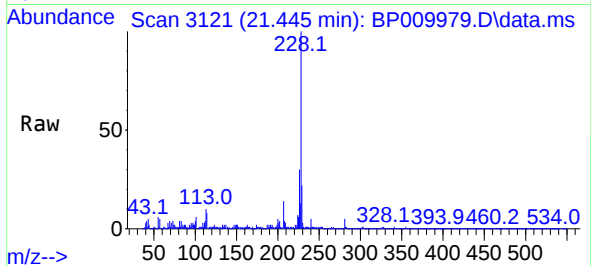
#87
Chrysene
Concen: 5.764 ng/ul
RT: 21.445 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP009979.D
Acq: 20 Apr 2022 16:43

Instrument :
BNA_P
ClientSampleId :
BFFD4

Tgt Ion:228 Resp: 30430
Ion Ratio Lower Upper
228 100
226 29.6 22.7 34.1
229 22.4 15.2 22.8

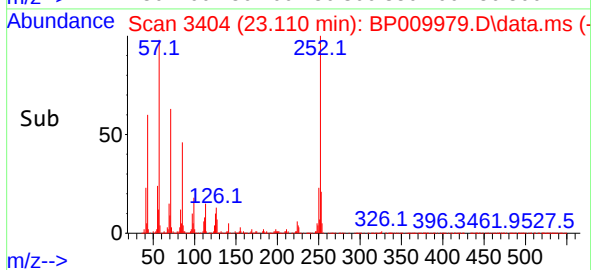
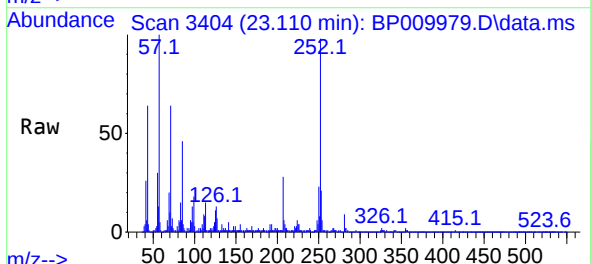
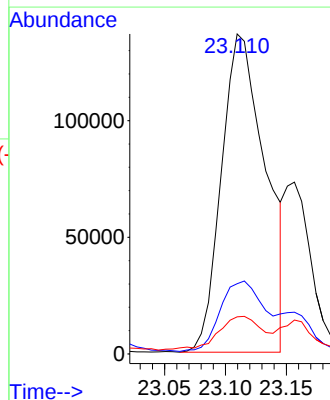
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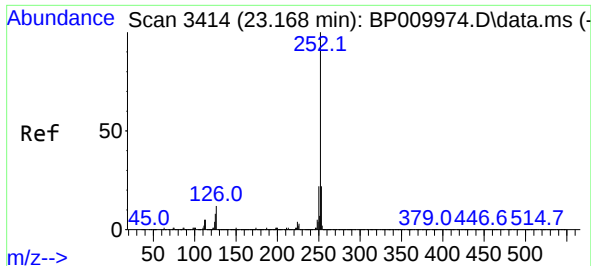
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#90
Benzo(b)fluoranthene
Concen: 6.871 ng/ul
RT: 23.110 min Scan# 3404
Delta R.T. -0.012 min
Lab File: BP009979.D
Acq: 20 Apr 2022 16:43

Tgt Ion:252 Resp: 342880
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.6 7.3 10.9#





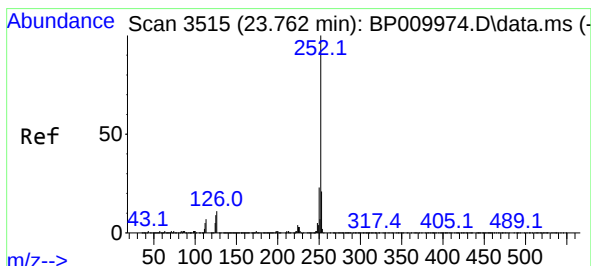
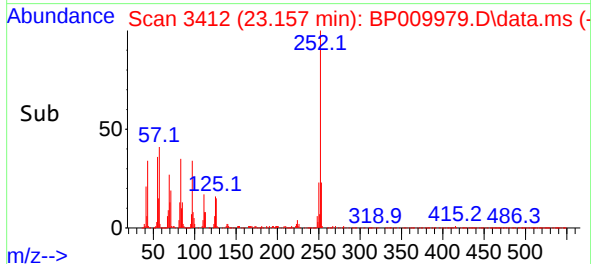
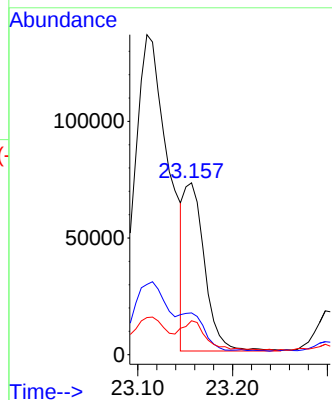
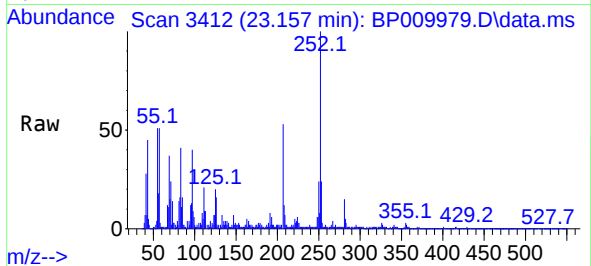
#91
Benzo(k)fluoranthene
Concen: 2.379 ng/ul m
RT: 23.157 min Scan# 3414
Delta R.T. -0.012 min
Lab File: BP009979.D
Acq: 20 Apr 2022 16:43

Instrument : BNA_P
ClientSampleId : BFFD4

Tgt Ion:252 Resp: 10831
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 19.7 5.1 7.7

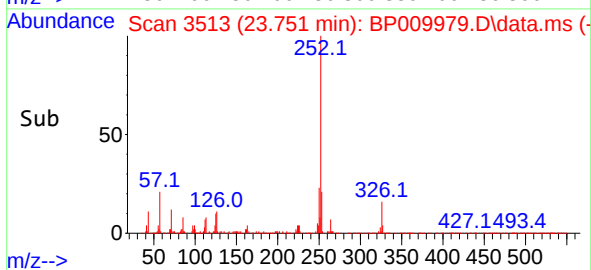
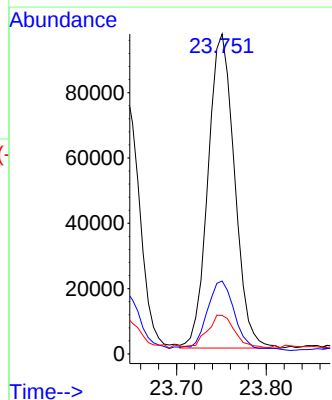
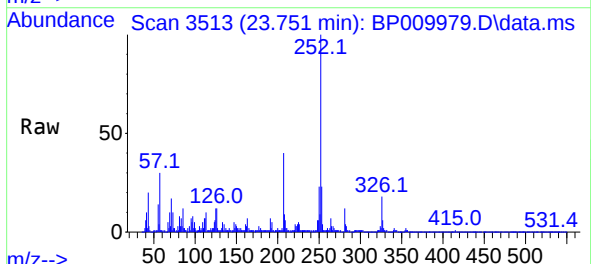
Manual Integrations
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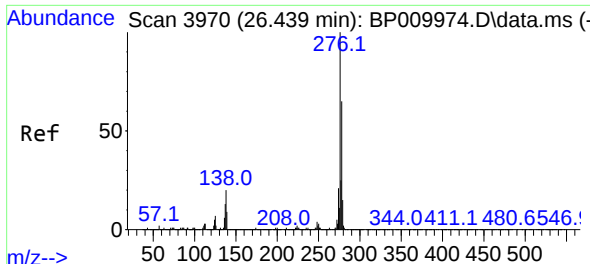
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#93
Benzo(a)pyrene
Concen: 4.271 ng/ul
RT: 23.751 min Scan# 3513
Delta R.T. -0.012 min
Lab File: BP009979.D
Acq: 20 Apr 2022 16:43

Tgt Ion:252 Resp: 197580
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 12.1 6.4 9.6





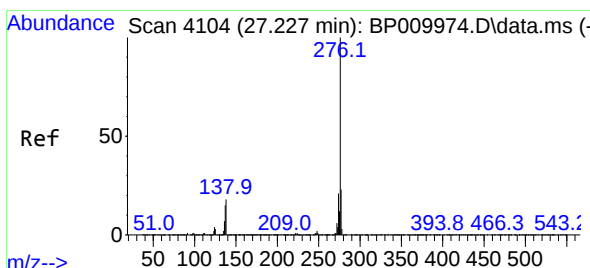
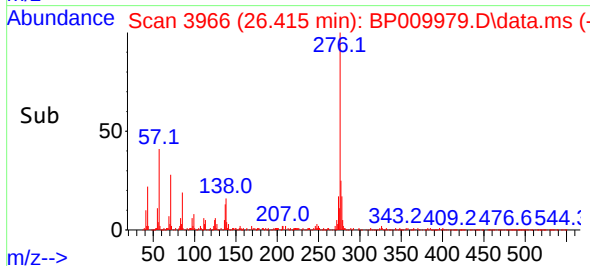
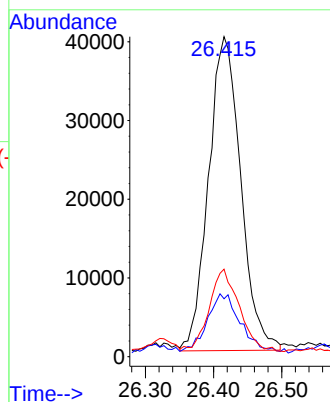
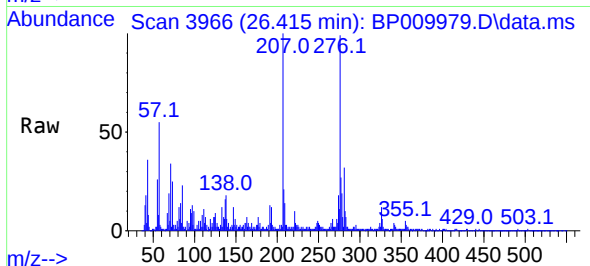
#94
Indeno(1,2,3-cd)pyrene
Concen: 2.713 ng/ul
RT: 26.415 min Scan# 3966
Delta R.T. -0.024 min
Lab File: BP009979.D
Acq: 20 Apr 2022 16:43

Instrument :
BNA_P
ClientSampleId :
BFFD4

Tgt Ion:276 Resp: 131227
Ion Ratio Lower Upper
276 100
138 18.1 12.3 18.5
277 27.3 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: 2.711 ng/ul
RT: 27.198 min Scan# 4099
Delta R.T. -0.024 min
Lab File: BP009979.D
Acq: 20 Apr 2022 16:43

Tgt Ion:276 Resp: 108119
Ion Ratio Lower Upper
276 100
138 19.8 11.6 17.4#
277 24.9 15.9 23.9#

