Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
Data File : BP007839.D
Acq On : 04 Nov 2021 00:23
Operator : CG/JU
Sample : M4427-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-3-20211029-5-5.5

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 04 07:34:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 19:18:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	306979	20.00 ng		0.00
21) Naphthalene-d8	10.722	136	1236538	20.00 ng		0.00
39) Acenaphthene-d10	14.563	164	774537	20.00 ng		0.00
64) Phenanthrene-d10	17.316	188	1577297	20.00 ng		0.00
76) Chrysene-d12	21.410	240	1369765	20.00 ng		0.00
86) Perylene-d12	23.851	264	1364578	20.00 ng		0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	307212	16.97 ng		0.00
7) Phenol-d6	7.087	99	379425	14.48 ng		0.00
23) Nitrobenzene-d5	9.075	82	239839	10.42 ng		-0.01
42) 2,4,6-Tribromophenol	16.051	330	174485	15.79 ng		0.00
45) 2-Fluorobiphenyl	13.181	172	600486	11.29 ng		-0.01
79) Terphenyl-d14	19.880	244	892399	13.27 ng		0.00
Target Compounds						Qvalue
71) Phenanthrene	17.357	178	673240	8.12 ng		99
72) Anthracene	17.451	178	257925	3.16 ng		97
75) Fluoranthene	19.333	202	1358438	12.99 ng		79
78) Pyrene	19.680	202	1531067	18.22 ng	#	93
81) Benzo(a)anthracene	21.398	228	871412	9.66 ng		96
83) Chrysene	21.451	228	737034m	8.63 ng		
87) Indeno(1,2,3-cd)pyrene	26.392	276	499245	4.91 ng	#	93
88) Benzo(b)fluoranthene	23.110	252	975654m	12.13 ng		
89) Benzo(k)fluoranthene	23.151	252	321712m	4.03 ng		
90) Benzo(a)pyrene	23.739	252	802968	11.53 ng	#	96
92) Benzo(g,h,i)perylene	27.168	276	482611	5.77 ng		98

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

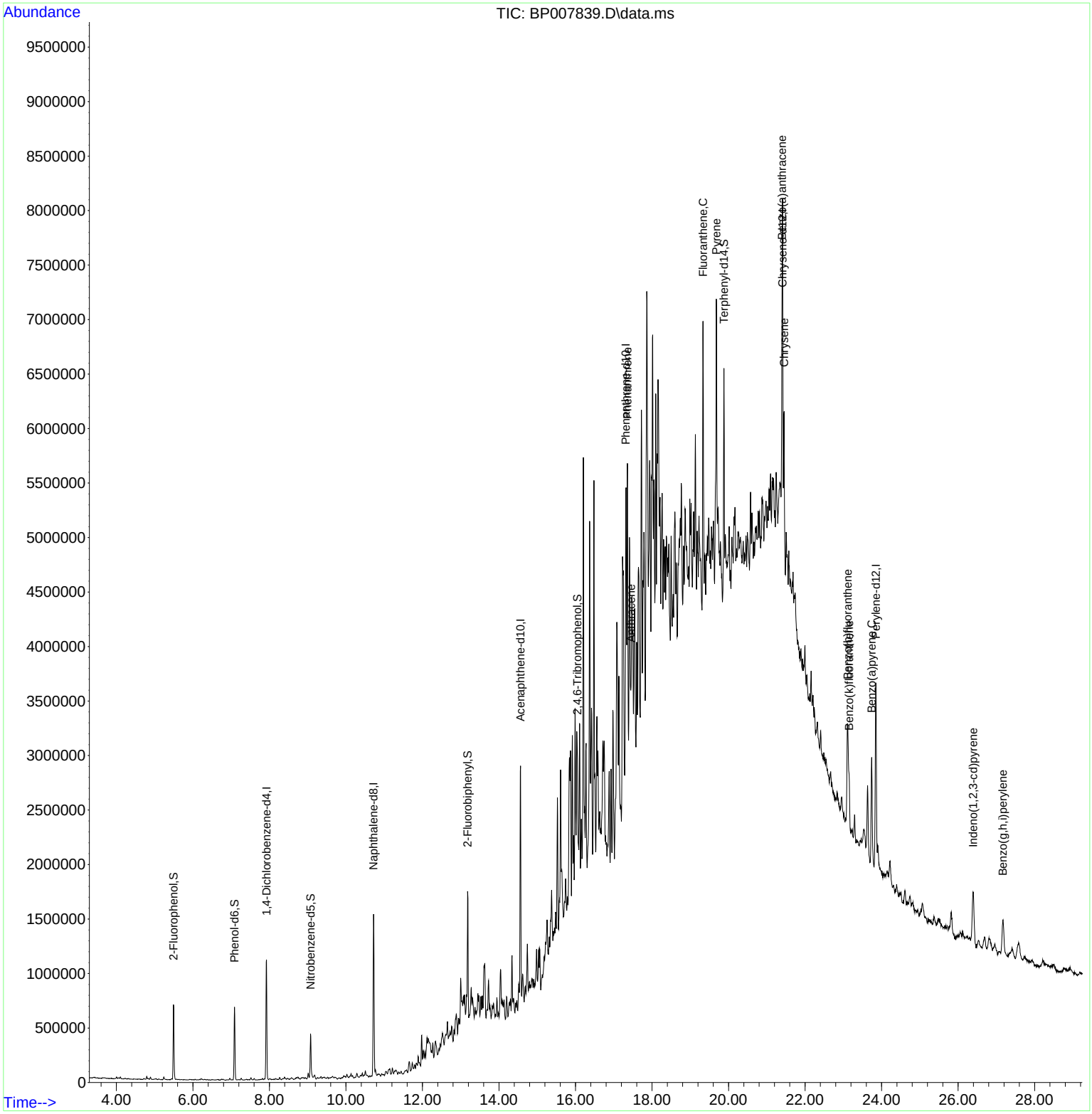
Quantitation Report (LSC Reviewed)

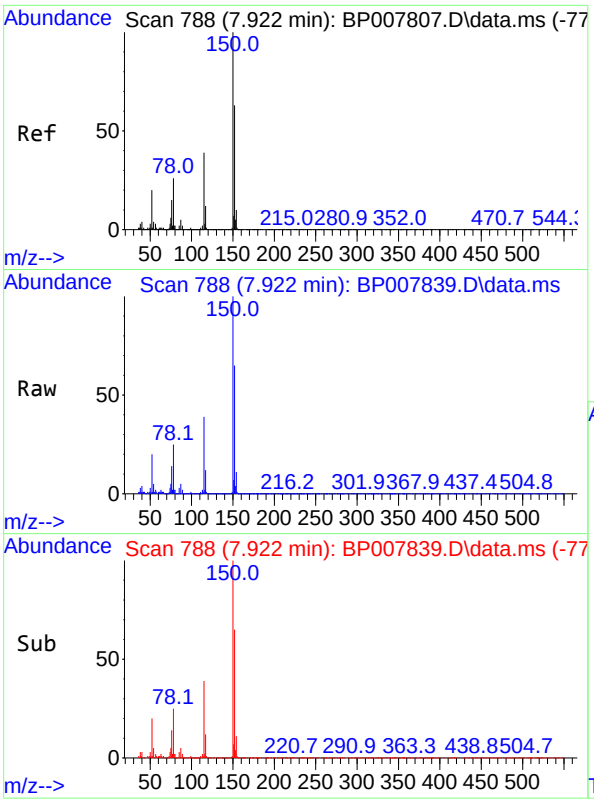
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
Data File : BP007839.D
Acq On : 04 Nov 2021 00:23
Operator : CG/JU
Sample : M4427-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 04 07:34:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 19:18:55 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
FDR-BH-3-20211029-5-5.5

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.922 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:152 Resp: 30697

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.1	186.1
115	60.0	48.1	72.1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-3-20211029-5-5.5

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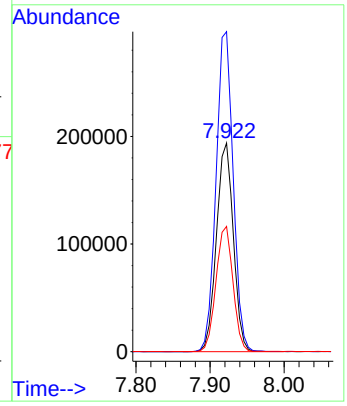
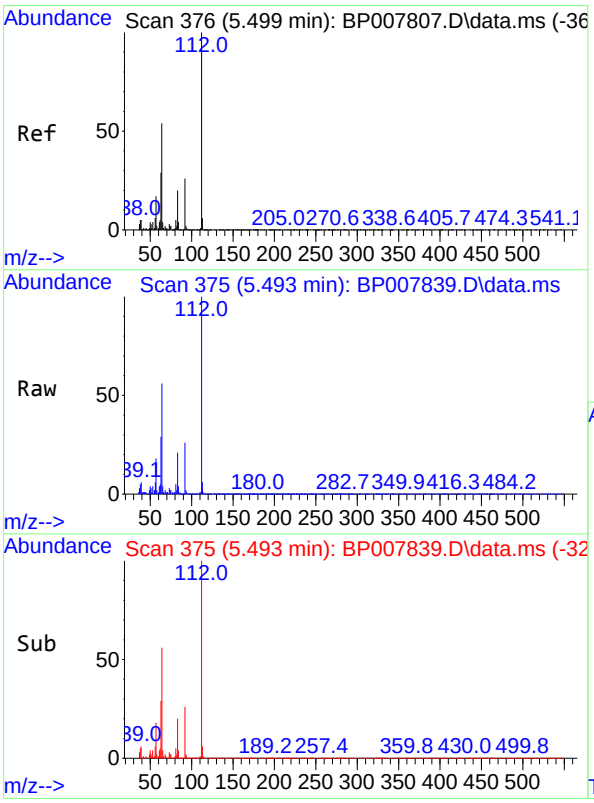
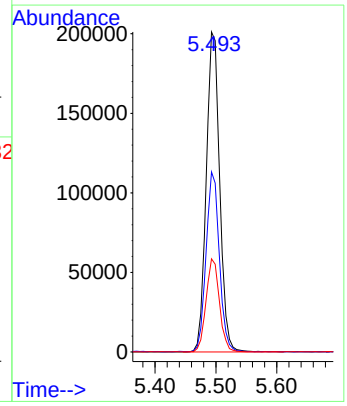


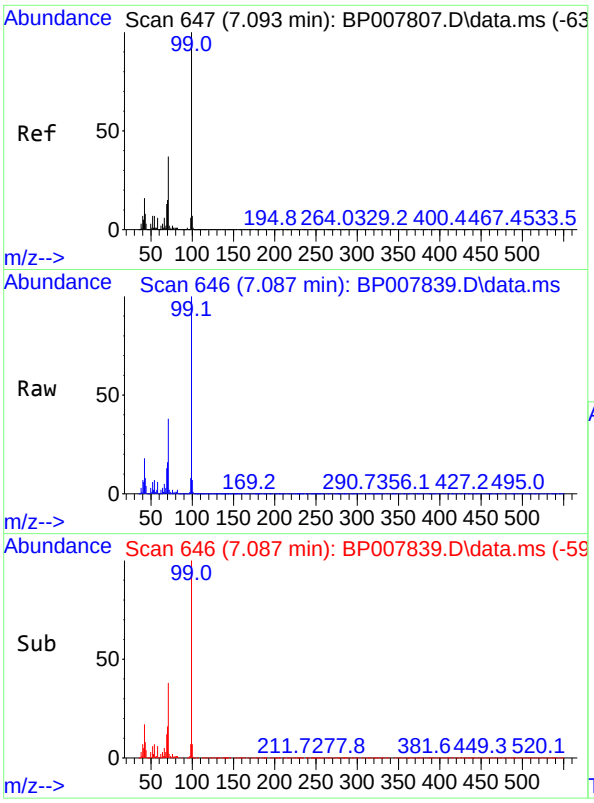


#5
2-Fluorophenol
Concen: 16.97 ng
RT: 5.493 min Scan# 375
Delta R.T. -0.006 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:112 Resp: 307212

Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.6	70.0
63	29.1	25.0	37.6





#7
Phenol-d6
Concen: 14.48 ng
RT: 7.087 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion: 99 Resp: 37942

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.9	22.3
71	37.7	29.2	43.8

Instrument :
BNA_P
ClientSampleId :
FDR-BH-3-20211029-5-5.5

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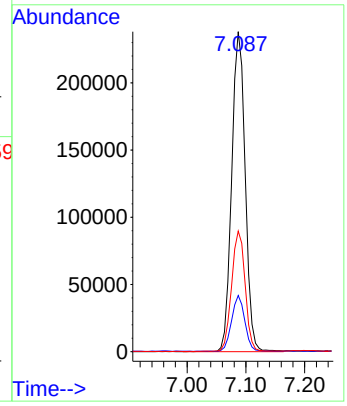
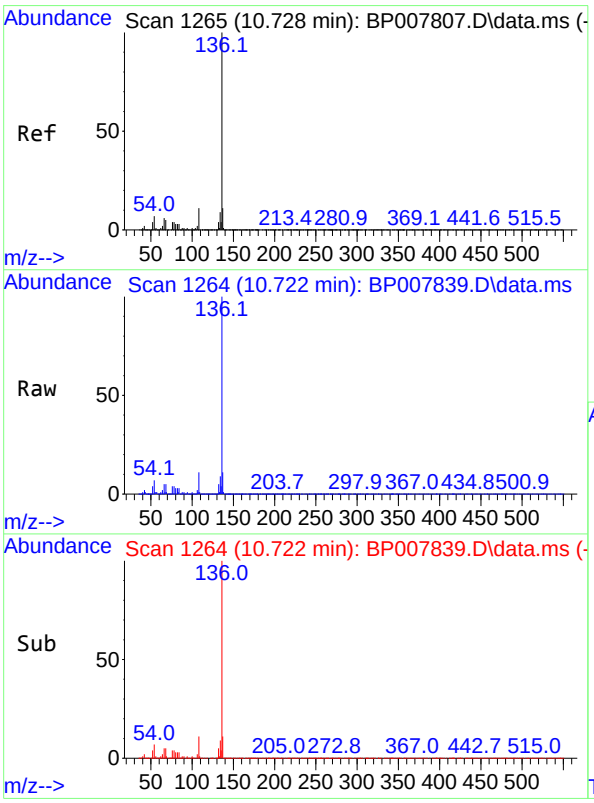
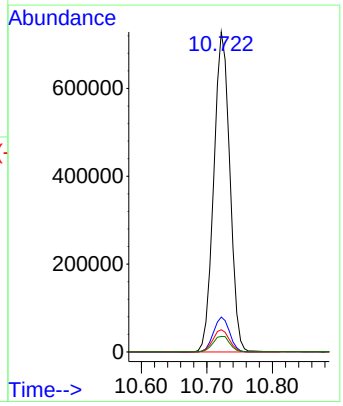


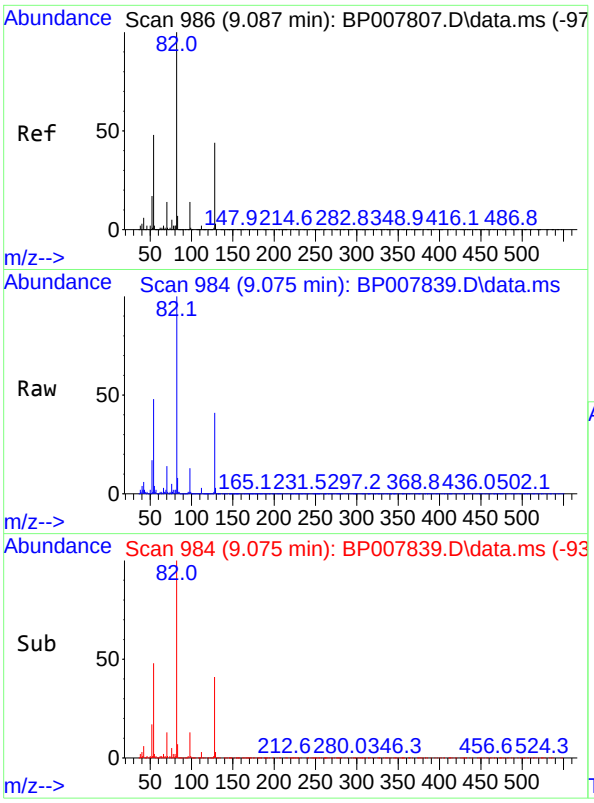


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.722 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:136 Resp: 1236538

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.9	6.2	9.4
68	4.9	4.7	7.1





#23
Nitrobenzene-d5
Concen: 10.42 ng
RT: 9.075 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion: 82 Resp: 23983

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.6	48.8
54	48.0	40.4	60.6

Instrument :
BNA_P
ClientSampleId :
FDR-BH-3-20211029-5-5.5

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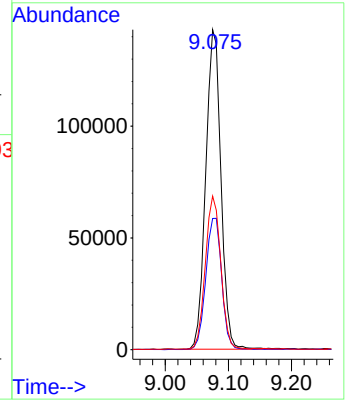
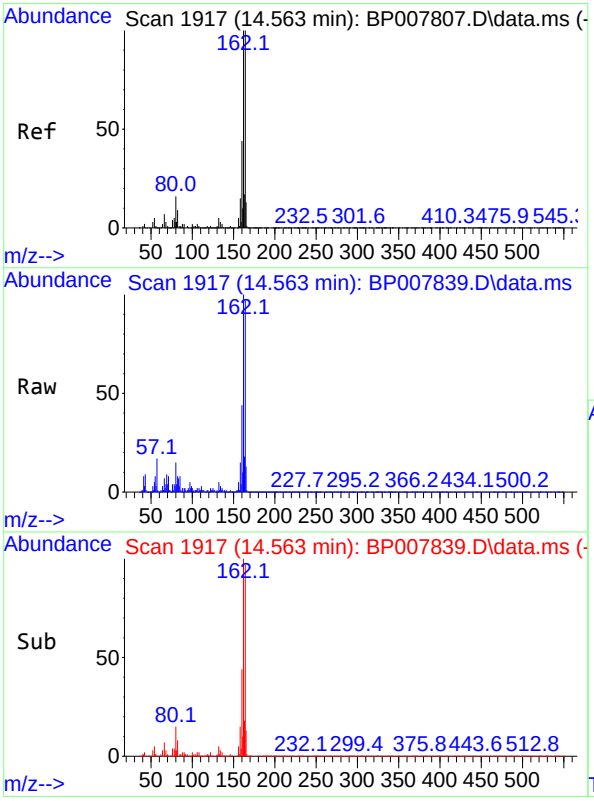
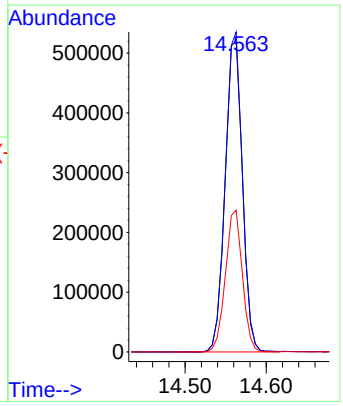


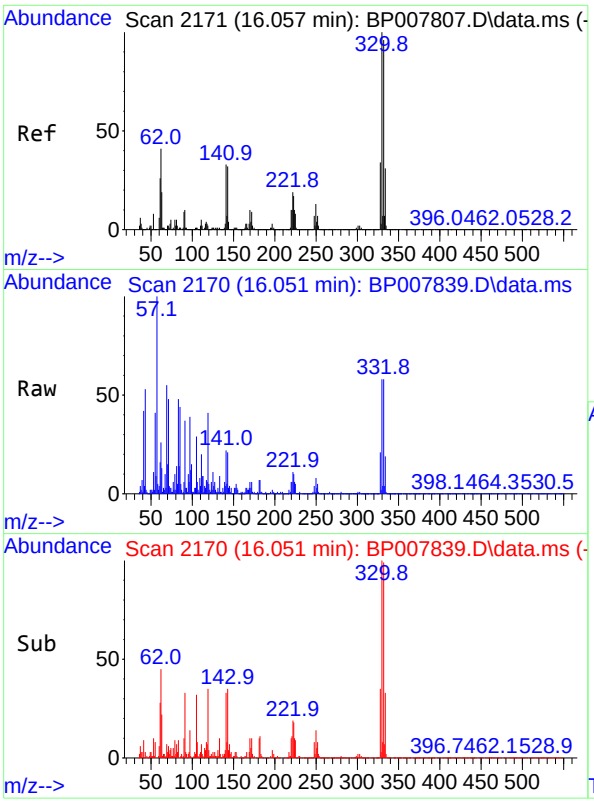


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:164 Resp: 774537

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.1	121.7
160	45.5	36.0	54.0





#42
2,4,6-Tribromophenol
Concen: 15.79 ng
RT: 16.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:330 Resp: 17448

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.9	118.3
141	34.0	30.7	46.1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-3-20211029-5-5.5

Manual Integrations
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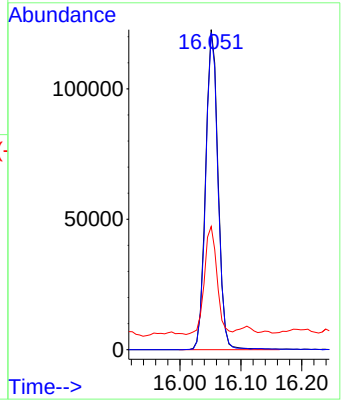
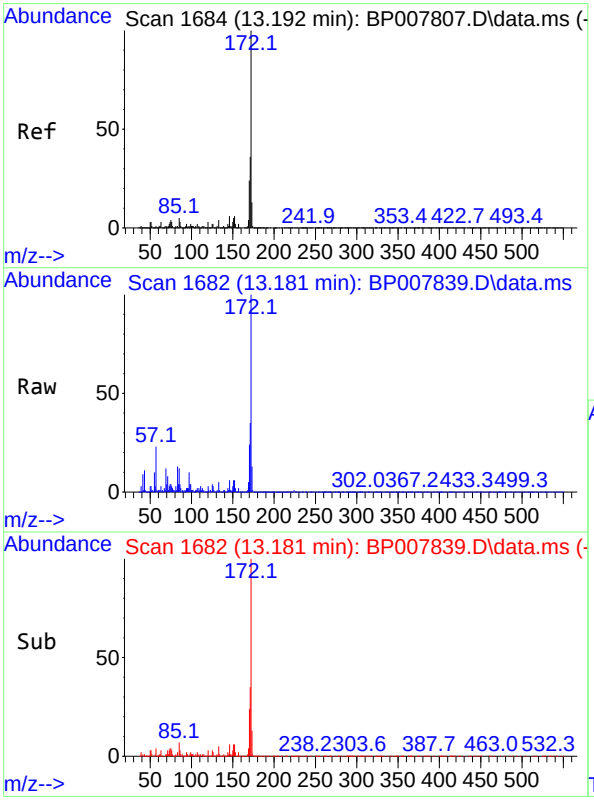
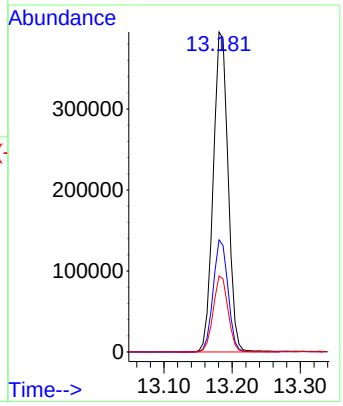


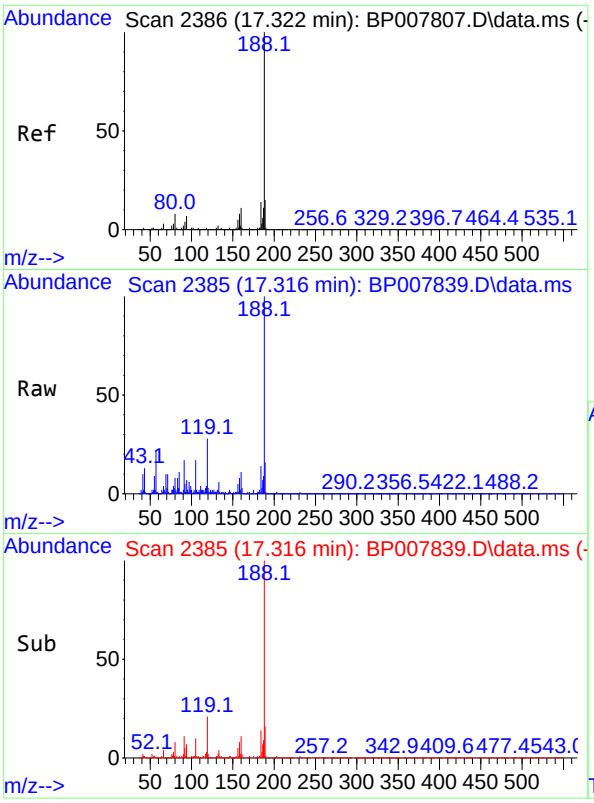


#45
2-Fluorobiphenyl
Concen: 11.29 ng
RT: 13.181 min Scan# 1682
Delta R.T. -0.012 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:172 Resp: 600486

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	23.8	19.0	28.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.316 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:188 Resp: 157729

Ion	Ratio	Lower	Upper
188	100		
94	7.3	7.1	10.7
80	8.0	7.8	11.6

Instrument :
BNA_P
ClientSampleId :
FDR-BH-3-20211029-5-5.5

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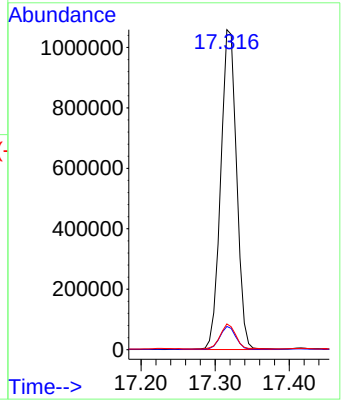
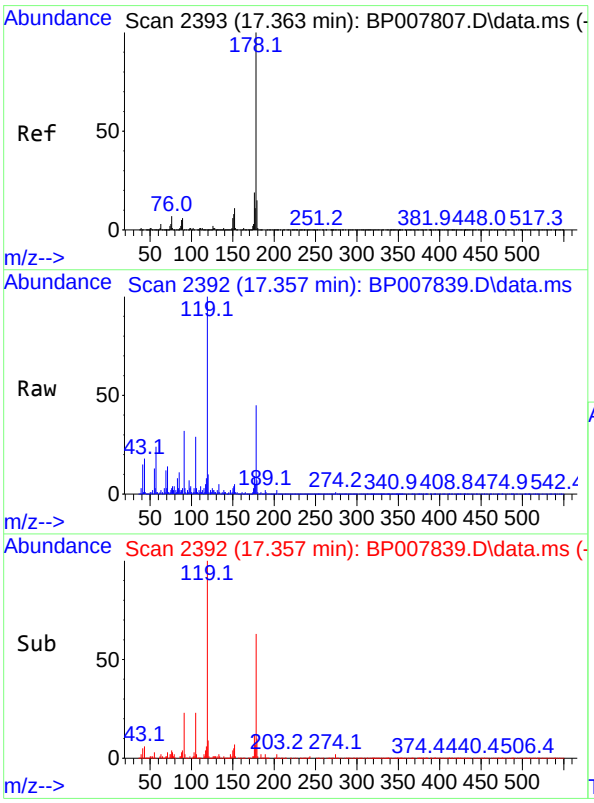
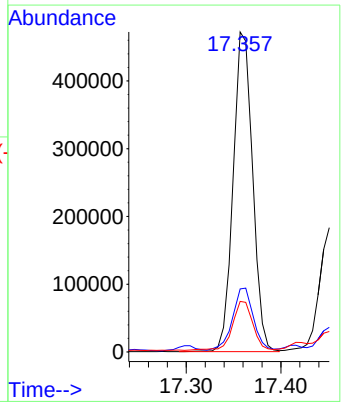


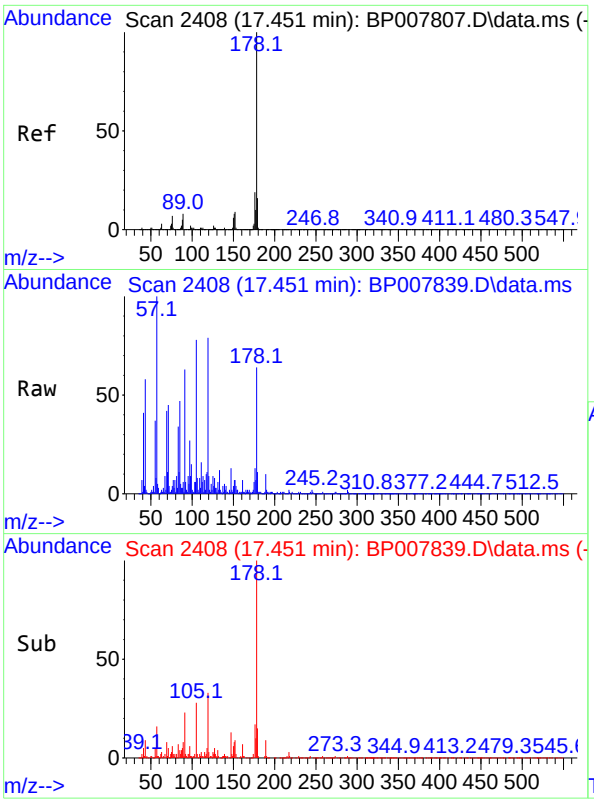


#71
Phenanthrene
Concen: 8.12 ng
RT: 17.357 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:178 Resp: 673240

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.8	12.3	18.5





#72
Anthracene
Concen: 3.16 ng
RT: 17.451 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:178 Resp: 25792

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.0	22.6
179	16.5	12.2	18.4

Instrument :
BNA_P
ClientSampleId :
FDR-BH-3-20211029-5-5.5

Manual Integrations
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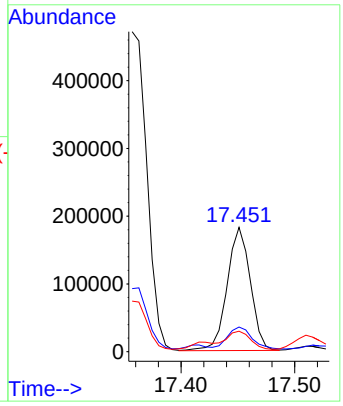
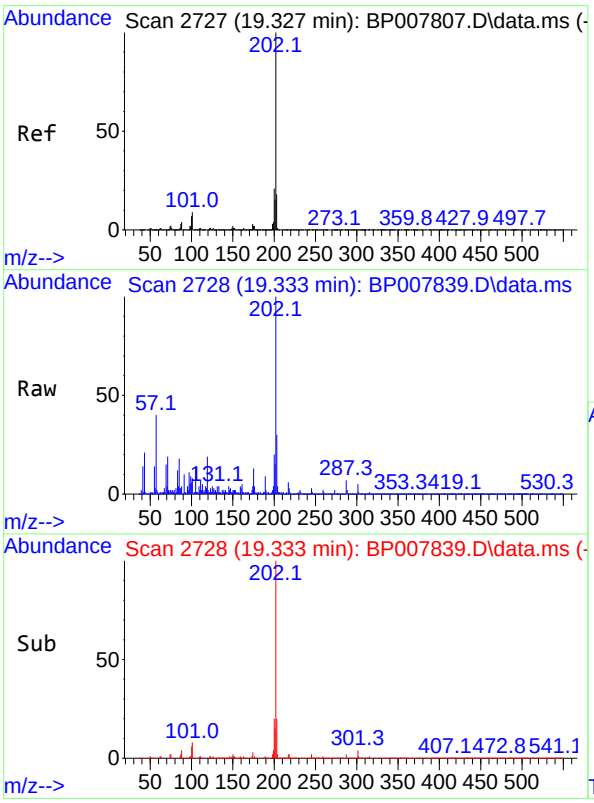
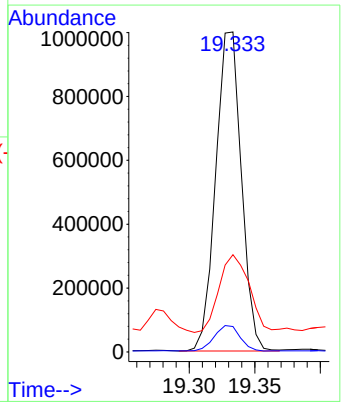


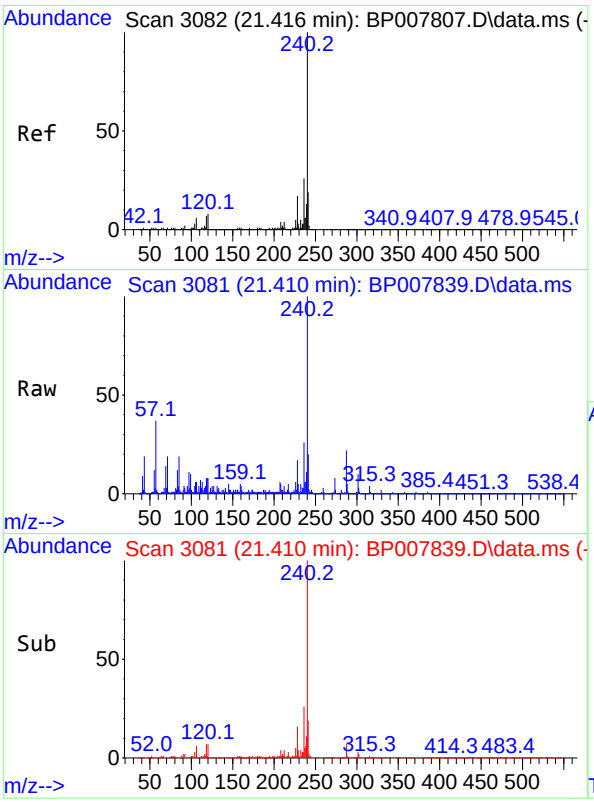


#75
Fluoranthene
Concen: 12.99 ng
RT: 19.333 min Scan# 2728
Delta R.T. 0.006 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:202 Resp: 1358438

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	30.4
203	30.4	0.0	37.6





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.410 min Scan# 3(
Delta R.T. -0.006 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:240 Resp: 136976!

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.8	11.8
236	26.0	20.6	30.8

Instrument :
BNA_P
ClientSampleId :
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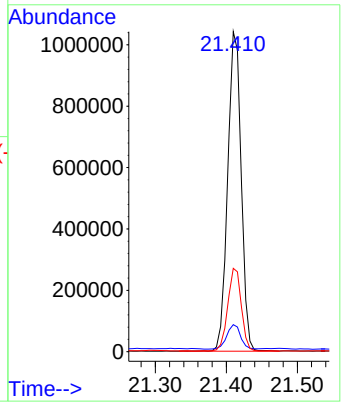
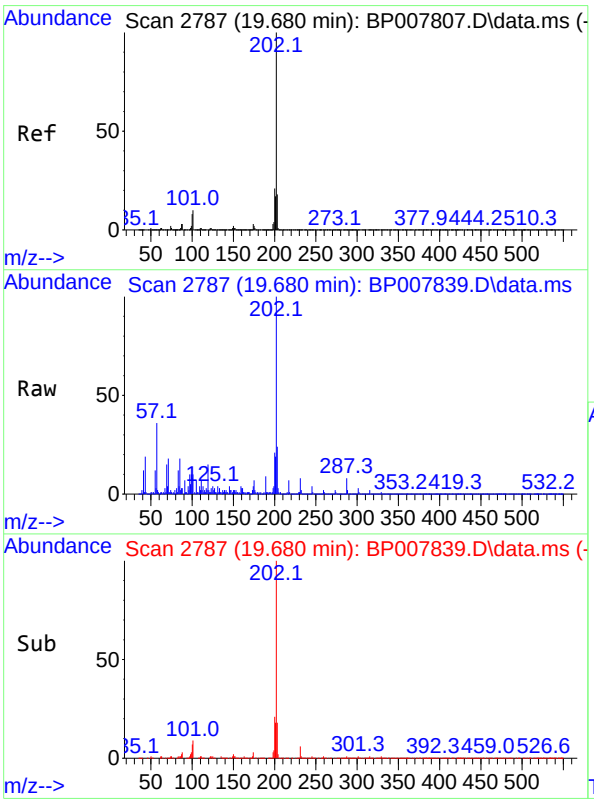
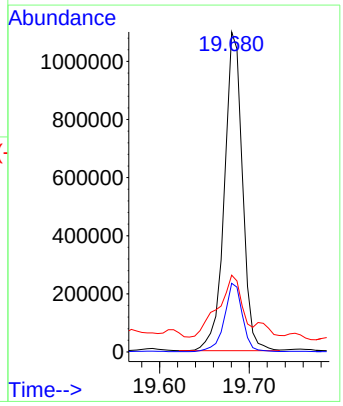


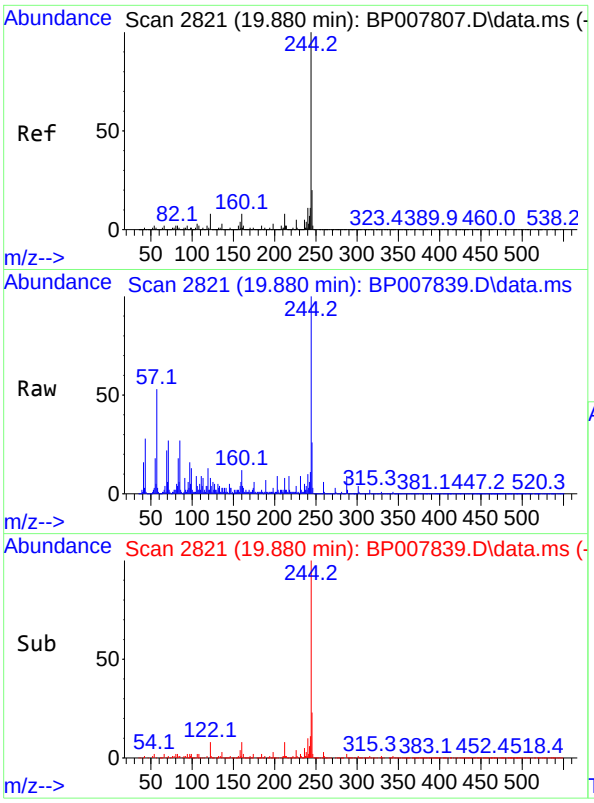


#78
Pyrene
Concen: 18.22 ng
RT: 19.680 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:202 Resp: 1531067

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	24.0	13.8	20.6#





#79
Terphenyl-d14
Concen: 13.27 ng
RT: 19.880 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:244 Resp: 892399

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	8.3	7.8	11.8

Instrument :
BNA_P
ClientSampleId :
FDR-BH-3-20211029-5-5.5

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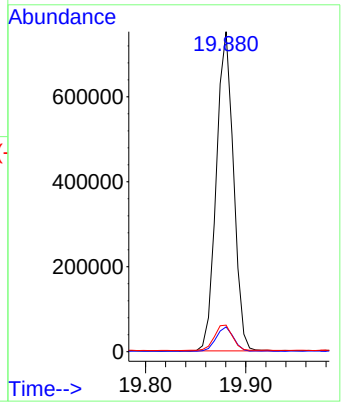
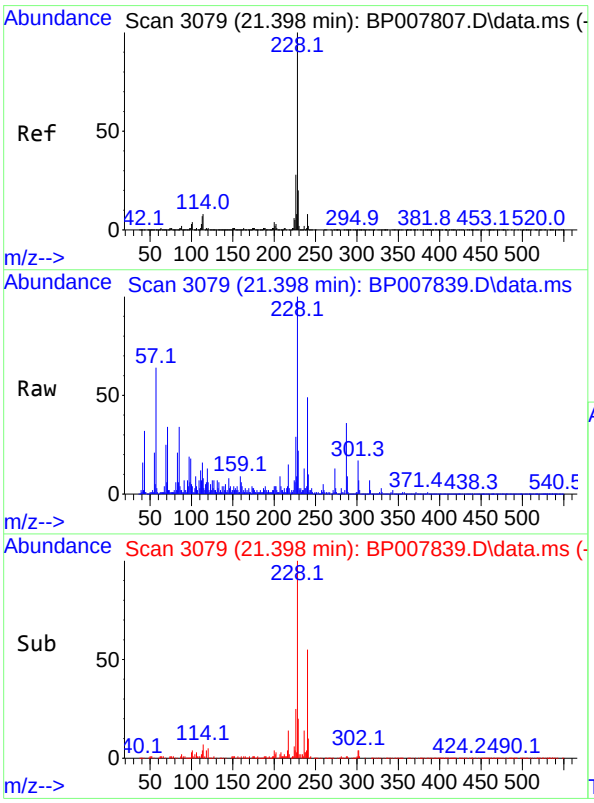
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

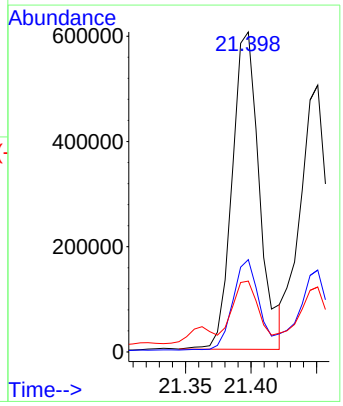


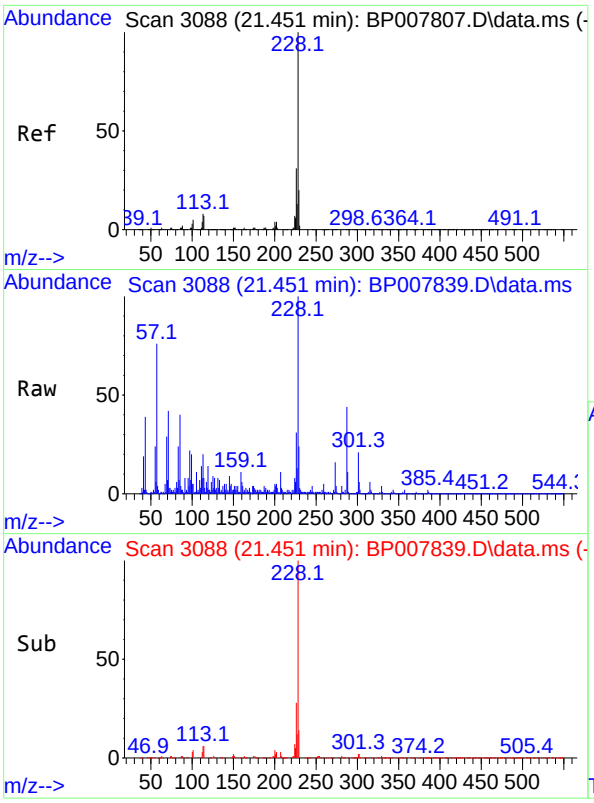


#81
Benzo(a)anthracene
Concen: 9.66 ng
RT: 21.398 min Scan# 3079
Delta R.T. -0.000 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:228 Resp: 871412

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.8	32.6
229	22.2	15.7	23.5





#83
Chrysene
Concen: 8.63 ng m
RT: 21.451 min Scan# 3(
Delta R.T. -0.000 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:228 Resp: 73703

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	24.3	15.7	23.5

Instrument :
BNA_P
ClientSampleId :
FDR-BH-3-20211029-5-5.5

Manual Integrations
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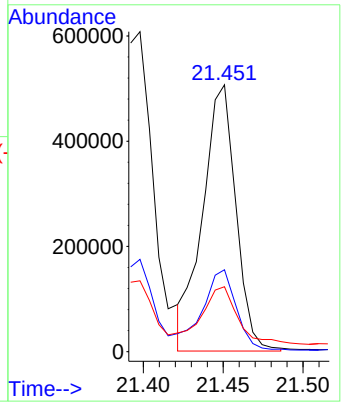
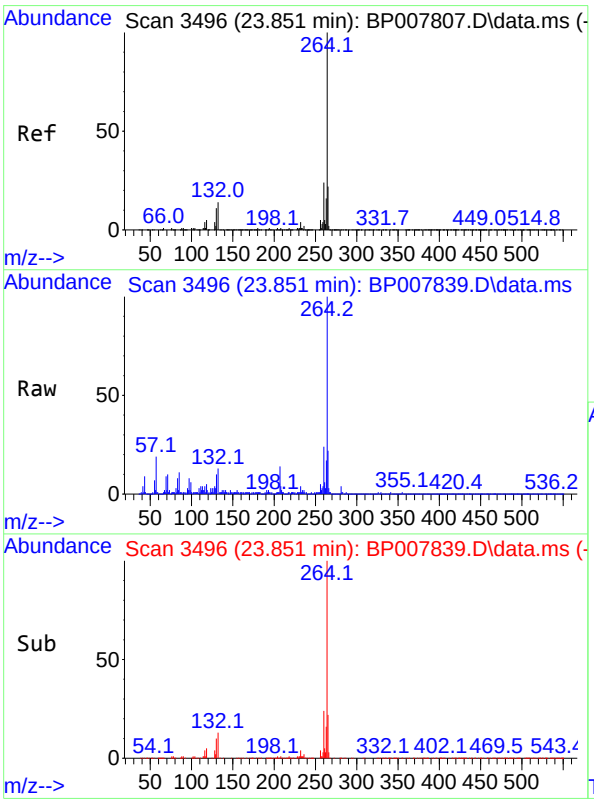
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

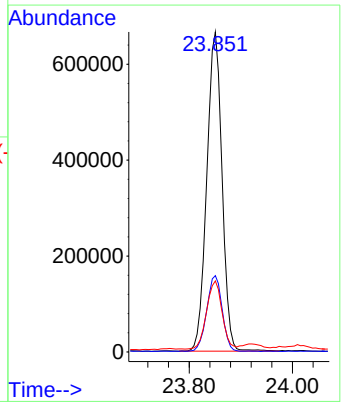


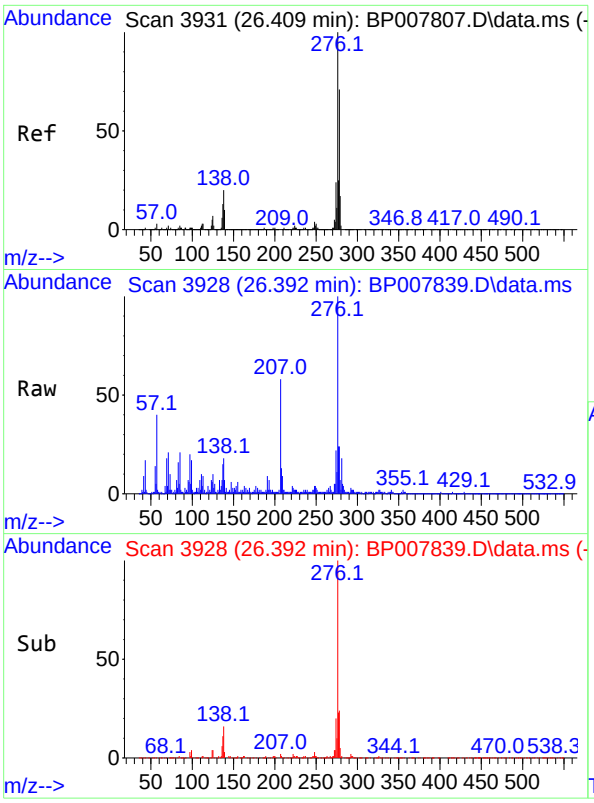


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.851 min Scan# 3496
Delta R.T. -0.000 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:264 Resp: 1364578

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	22.2	16.7	25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.91 ng
RT: 26.392 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:276 Resp: 49924

Ion	Ratio	Lower	Upper
276	100		
138	17.9	19.4	29.0#
277	24.8	20.2	30.2

Instrument :
BNA_P
ClientSampleId :
FDR-BH-3-20211029-5-5.5

Manual Integrations
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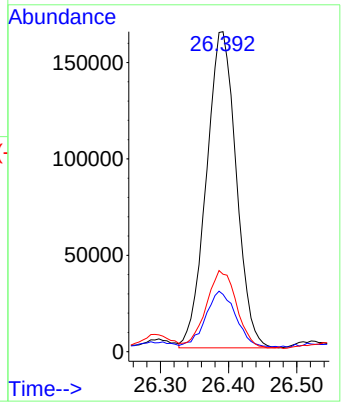
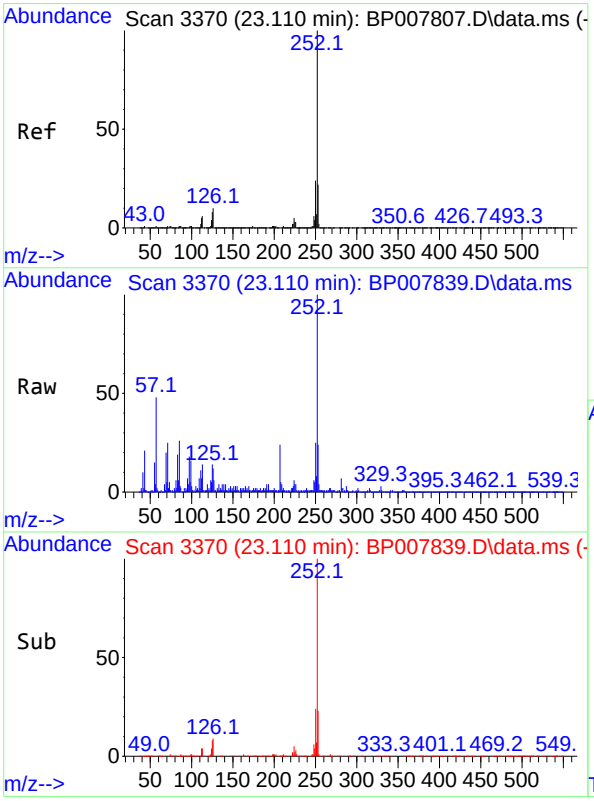
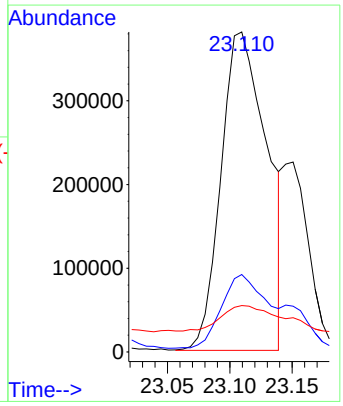


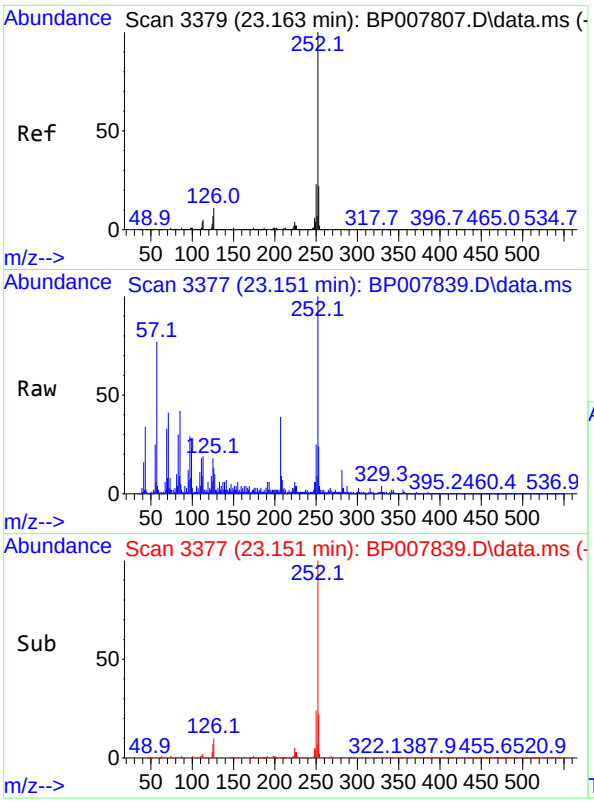


#88
Benzo(b)fluoranthene
Concen: 12.13 ng m
RT: 23.110 min Scan# 3370
Delta R.T. -0.000 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:252 Resp: 975654

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	14.5	7.4	11.0#





#89
Benzo(k)fluoranthene
Concen: 4.03 ng m
RT: 23.151 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:252 Resp: 32171

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	18.1	7.4	11.0#

Instrument :
BNA_P
ClientSampleId :
FDR-BH-3-20211029-5-5.5

Manual Integrations
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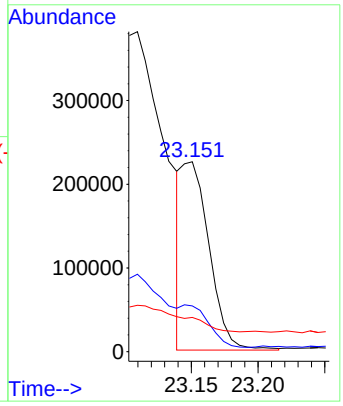
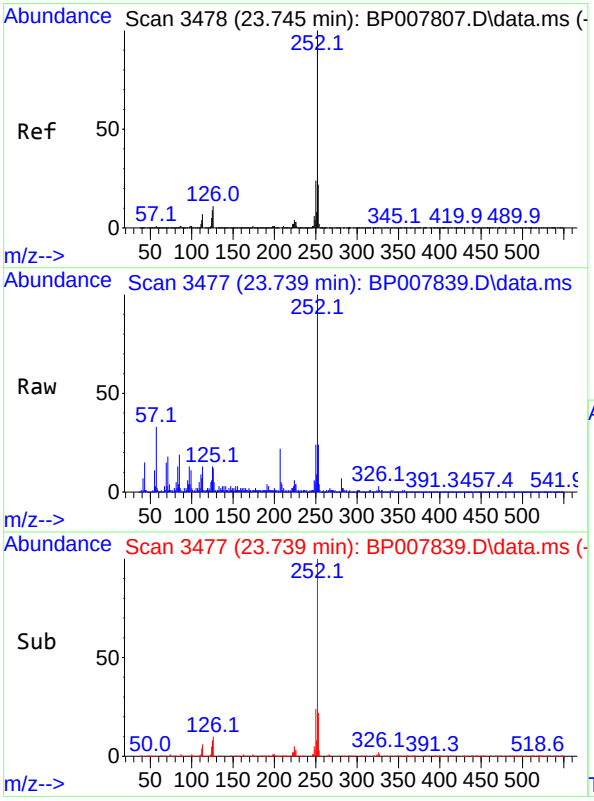
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

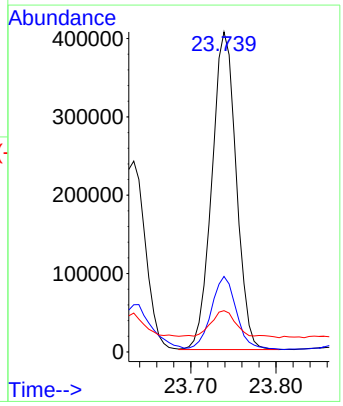


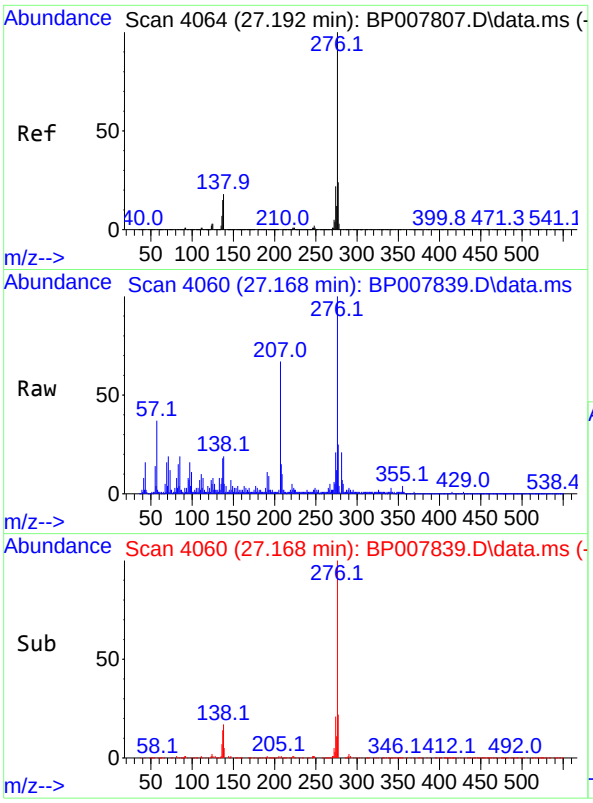


#90
Benzo(a)pyrene
Concen: 11.53 ng
RT: 23.739 min Scan# 3477
Delta R.T. -0.006 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:252 Resp: 802968

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	12.9	8.4	12.6#






```
#92
Benzo(g,h,i)perylene
Concen:    5.77 ng
RT:  27.168 min  Scan# 4
Delta R.T.  -0.024 min
Lab File:   BP007839.D
Acq: 04 Nov 2021  00:23

Tgt Ion:276 Resp:  48261
Ion  Ratio  Lower  Upper
276  100
277   24.9   19.4   29.0
138   18.9   16.2   24.4
```

Instrument :
BNA_P
ClientSampleId :
FDR-BH-3-20211029-5-5.5

Manual Integrations
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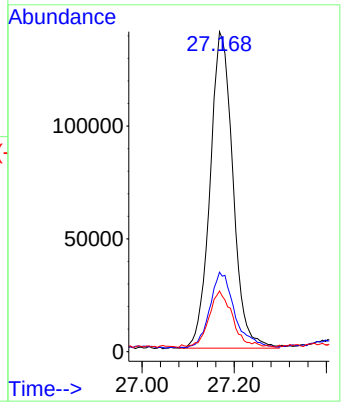
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021