

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000178.D
 Acq On : 10 Sep 2019 20:38
 Operator : HP/JU
 Sample : K4634-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 F2D26

Manual Integrations
 APPROVED

mohammad
 9/12/2019 9:29:18 AM

Quant Time: Sep 11 02:56:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	428270	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1664130	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	943817	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1680750	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1155564	20.00	ng/ul	0.00
86) Perylene-d12	15.69	264	1232616	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.62	96	29993	2.48	ng/uL	0.01
5) Phenol-d5	6.50	99	609830	16.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	304102	15.94	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	491550	16.66	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	470523	17.17	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	229317	18.15	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	254020	20.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.01	165	453459	17.37	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	429049	13.29	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1294464	18.57	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1549738	17.99	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	174525	14.01	ng/ul	0.00
58) Fluorene-d10	10.47	176	1075330	18.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	107938	13.97	ng/ul	0.00
71) Anthracene-d10	11.50	188	1490348	18.31	ng/ul	0.00
79) Pyrene-d10	12.90	212	1449371	21.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.59	264	1187984	18.59	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.52	94	118662	3.121 ng/ul	97
45) Dimethylphthalate	9.65	163	318941	4.535 ng/ul	98
50) Acenaphthene	9.98	153	90726	1.455 ng/ul	93
70) Phenanthrene	11.47	178	1509662	15.189 ng/ul	98
72) Anthracene	11.52	178	291836	2.984 ng/ul	99
75) Carbazole	11.67	167	249565	2.984 ng/ul	98
77) Fluoranthene	12.69	202	3556644	35.477 ng/ul	100
80) Pyrene	12.92	202	3007826	34.500 ng/ul	98
83) Benzo(a)anthracene	14.13	228	1792226	21.426 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	14.15	149	58199	1.225 ng/ul	95
85) Chrysene	14.17	228	1934456	25.202 ng/ul	97
88) Benzo(b)fluoranthene	15.23	252	3147083	38.522 ng/ul	99
89) Benzo(k)fluoranthene	15.26	252	509808m	6.620 ng/ul	
91) Benzo(a)pyrene	15.62	252	1617831	21.107 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	17.25	276	1434909	16.272 ng/ul	99
93) Dibenzo(a,h)anthracene	17.27	278	385888m	5.283 ng/ul	
94) Benzo(g,h,i)perylene	17.72	276	1430107	19.451 ng/ul	95

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

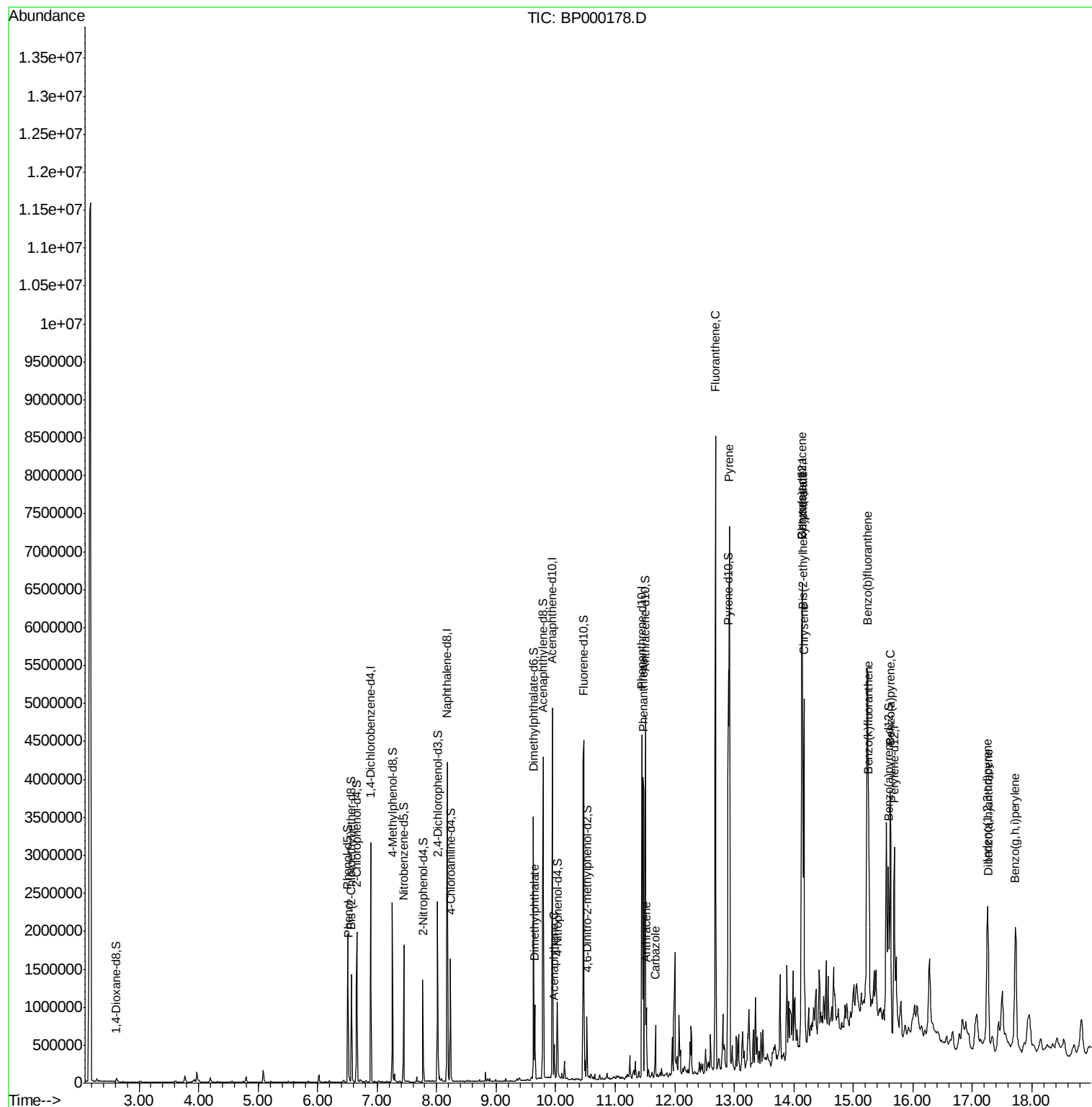
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000178.D
Acq On : 10 Sep 2019 20:38
Operator : HP/JU
Sample : K4634-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

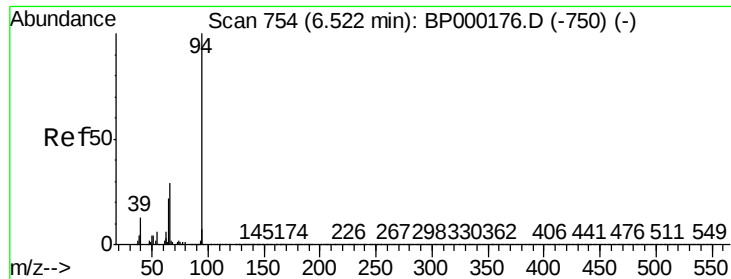
Instrument :
BNA_P
ClientSampled :
F2D26

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Quant Time: Sep 11 02:56:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.121 ng/ul

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

Instrument :

BNA_P

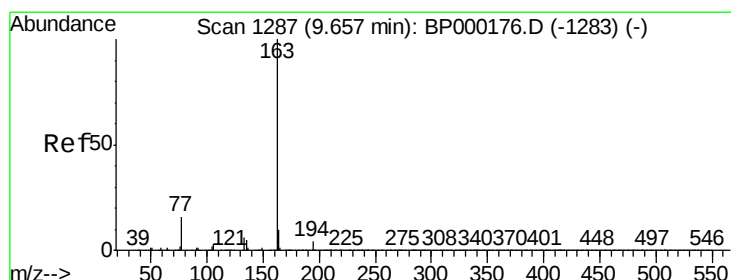
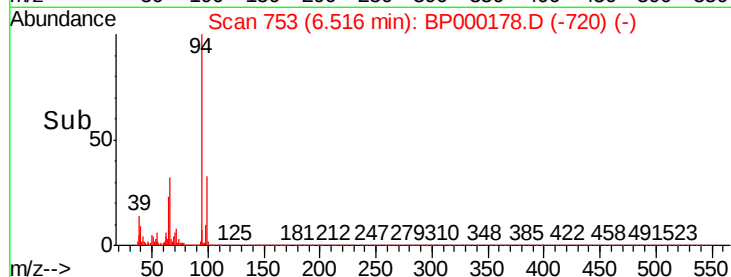
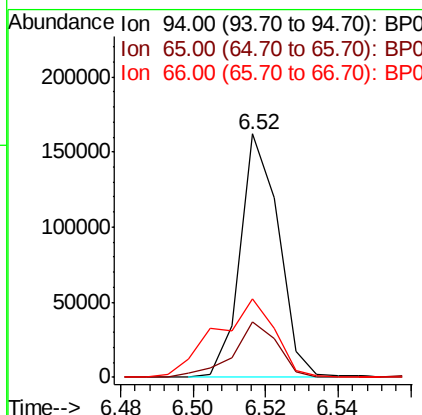
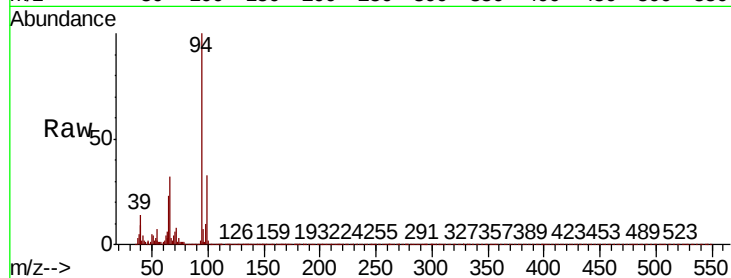
ClientSampleId :

F2D26

Tot Ion:	94	Resp:	118662
Ion Ratio	Lower	Upper	
94	100		
65	22.9	18.8	28.2
66	32.1	24.2	36.2

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#45

Dimethylphthalate

Concen: 4.535 ng/ul

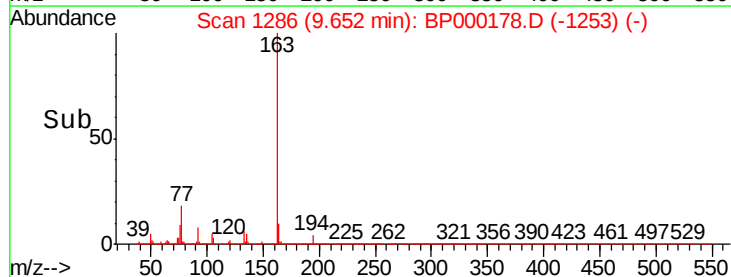
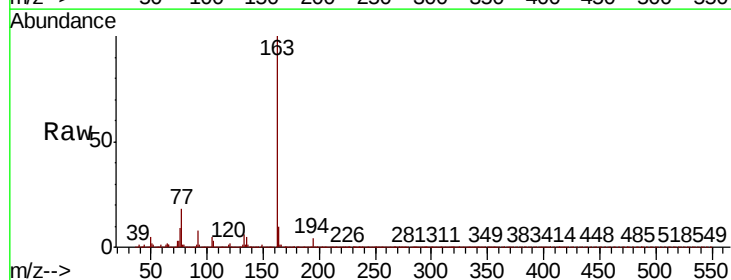
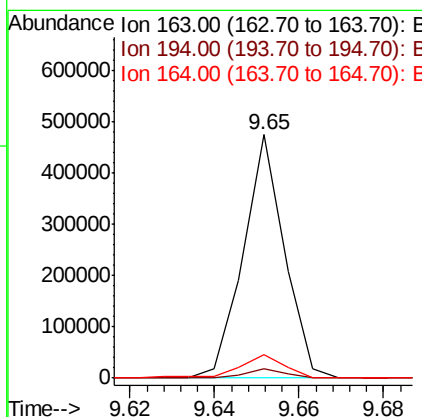
RT: 9.65 min Scan# 1286

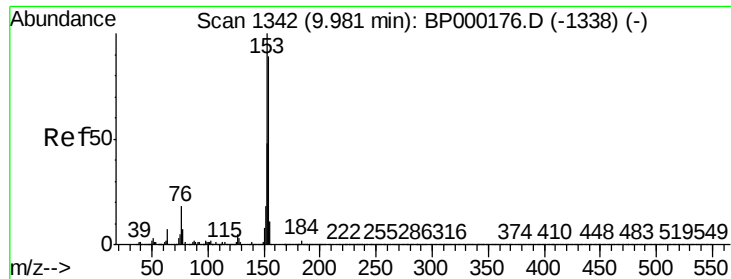
Delta R.T. -0.01 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

Tgt Ion:	163	Resp:	318941
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.2	4.8
164	9.7	8.4	12.6





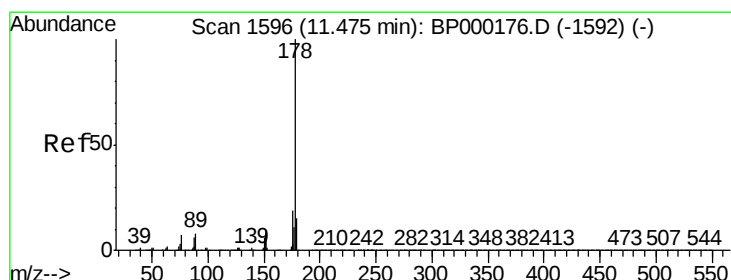
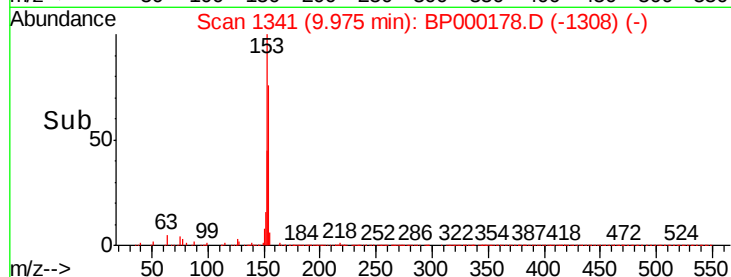
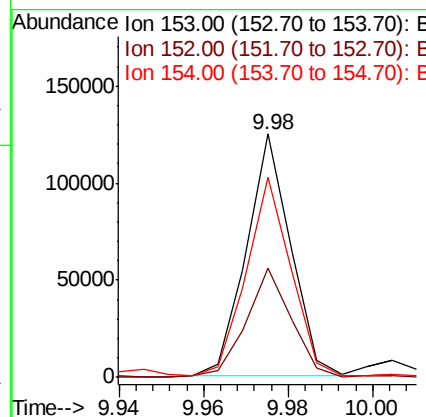
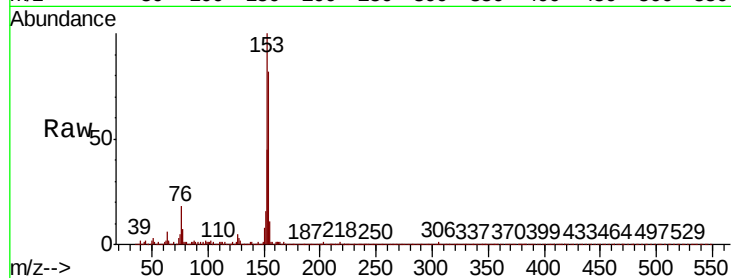
#50
Acenaphthene
Concen: 1.455 ng/ul
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

Instrument :
BNA_P
ClientSampleId :
F2D26

Tot Ion	Ratio	Lower	Upper
153	100		
152	45.0	38.0	57.0
154	82.2	72.6	108.8

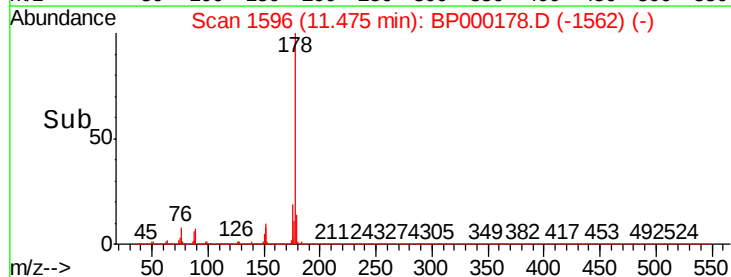
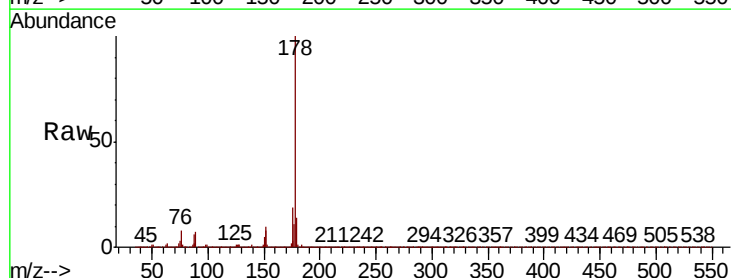
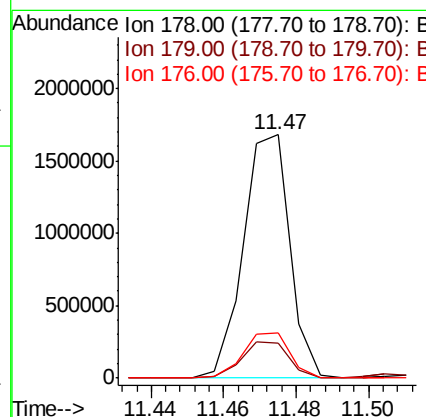
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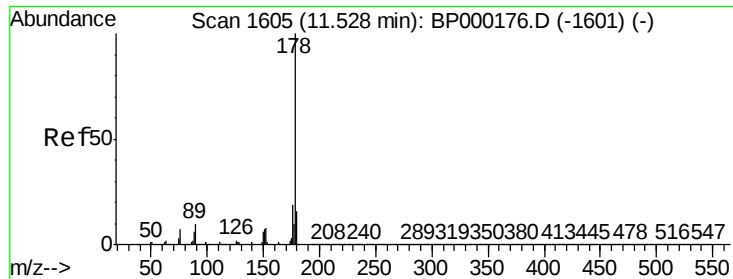
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#70
Phenanthrene
Concen: 15.189 ng/ul
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.5	18.7
176	18.8	15.7	23.5





#72

Anthracene

Concen: 2.984 ng/ul

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

Instrument :

BNA_P

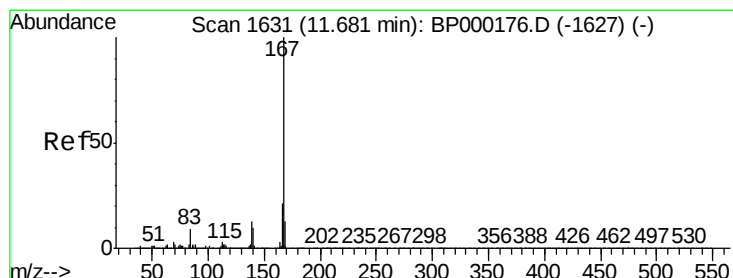
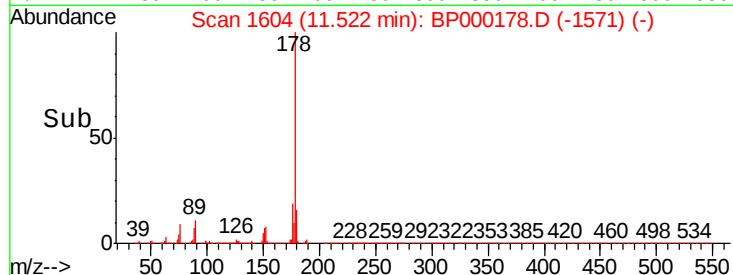
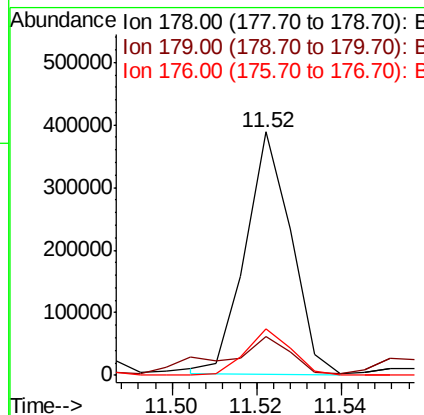
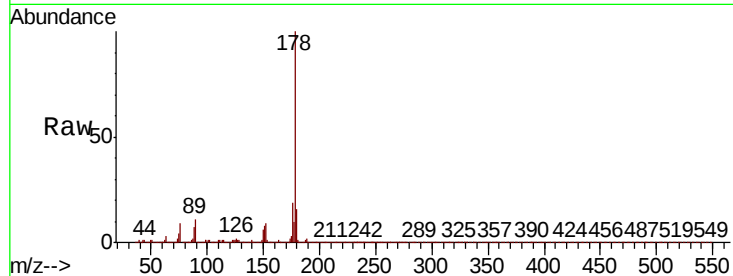
ClientSampled :

F2D26

Tot Ion:	178	Resp:	291836
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.3	18.5
176	19.3	15.1	22.7

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#75

Carbazole

Concen: 2.984 ng/ul

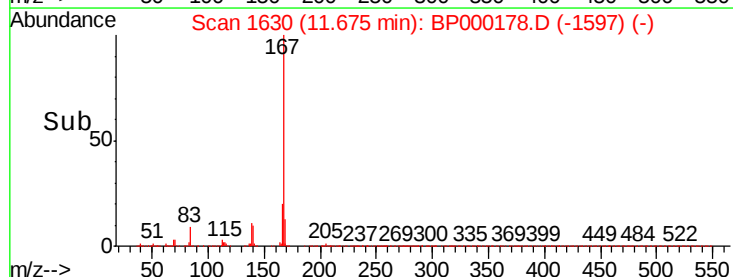
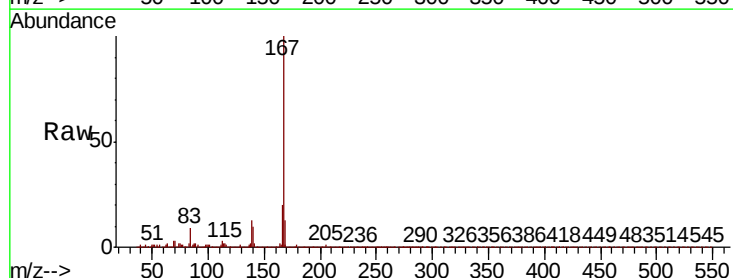
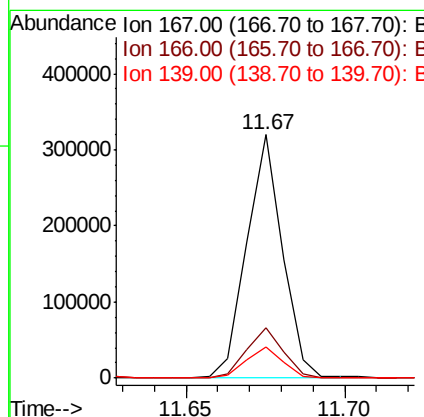
RT: 11.67 min Scan# 1630

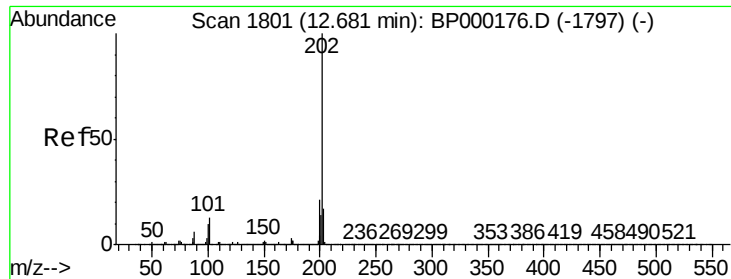
Delta R.T. -0.01 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

Tgt Ion:	167	Resp:	249565
Ion Ratio	Lower	Upper	
167	100		
166	20.5	17.3	25.9
139	12.7	10.6	15.8





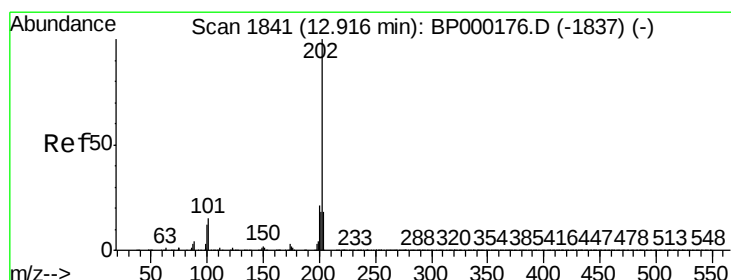
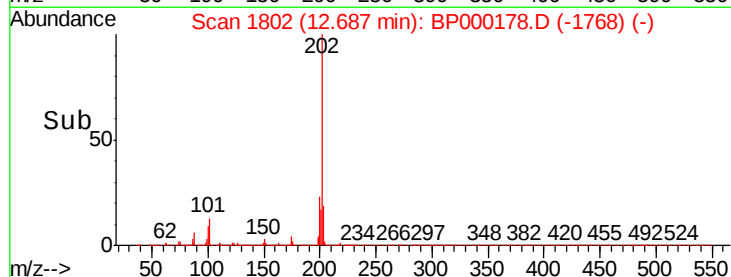
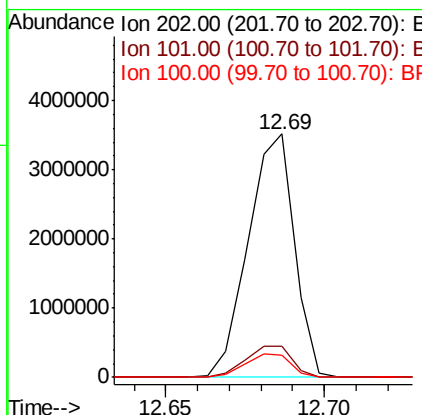
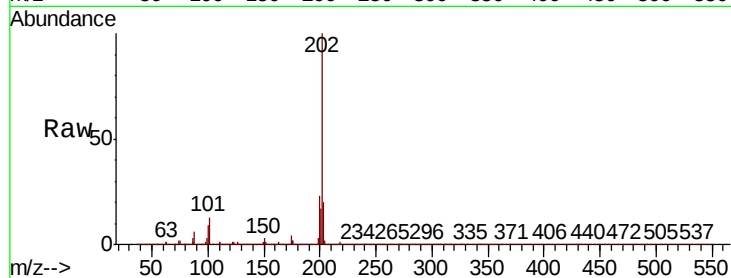
#77
Fluoranthene
Concen: 35.477 ng/ul
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

Instrument :
BNA_P
ClientSampleId :
F2D26

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.0	15.0
100	9.2	7.4	11.2

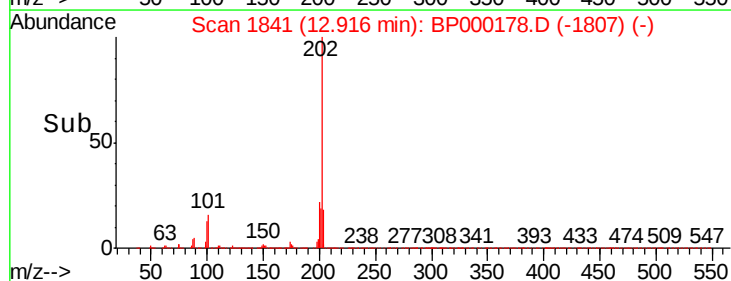
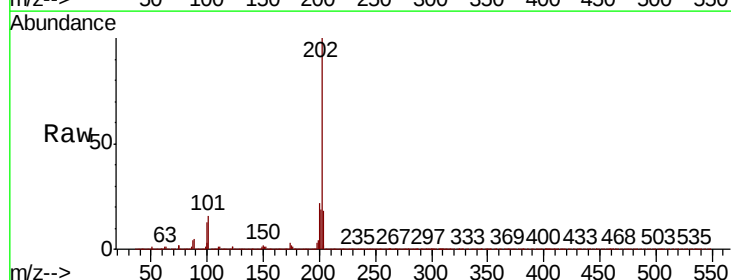
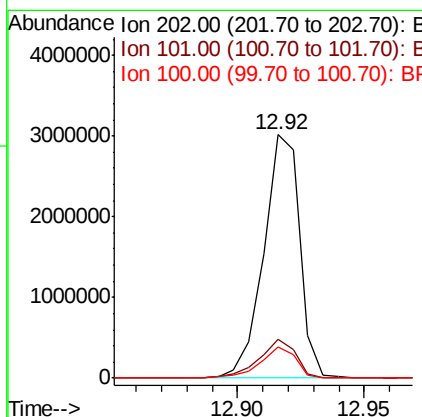
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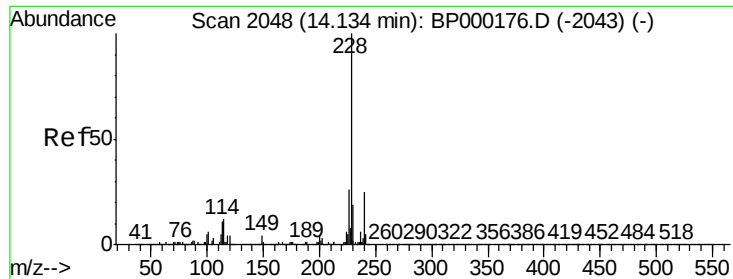
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#80
Pyrene
Concen: 34.500 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	13.4	20.0
100	12.9	10.8	16.2





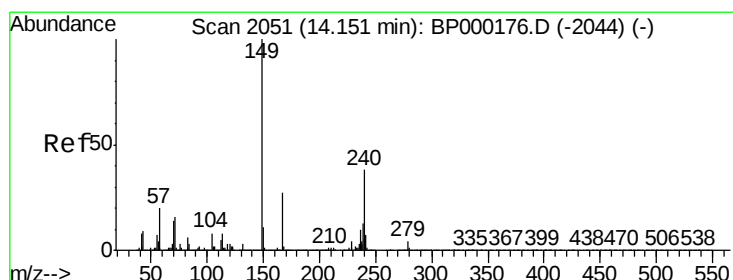
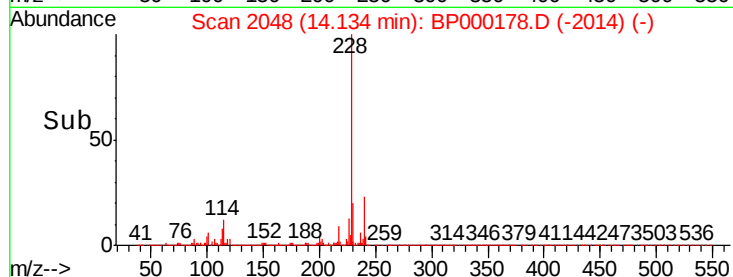
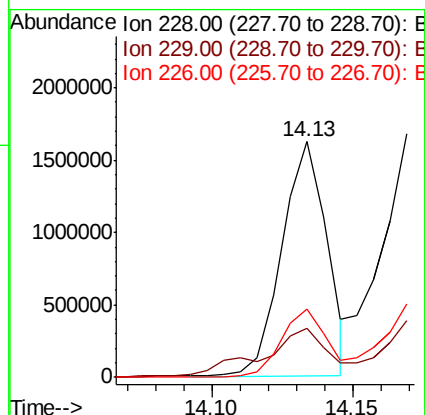
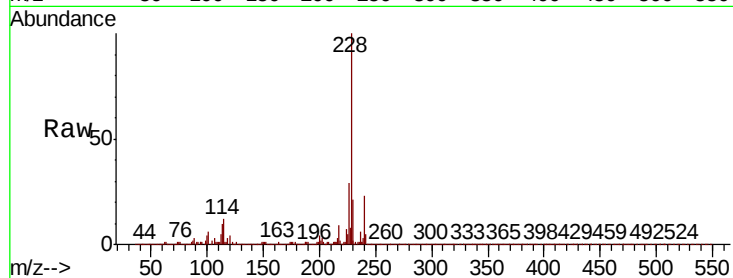
#83
Benzo(a)anthracene
Concen: 21.426 ng/ul
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

Instrument :
BNA_P
ClientSampleId :
F2D26

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	29.0	22.1	33.1

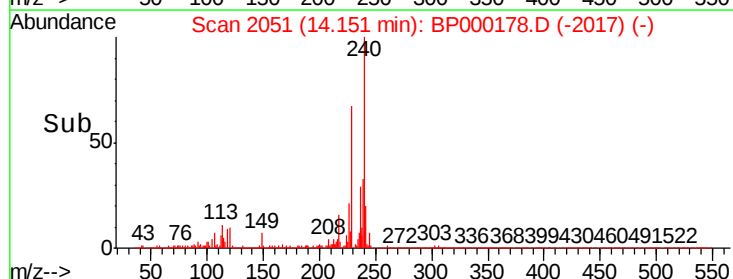
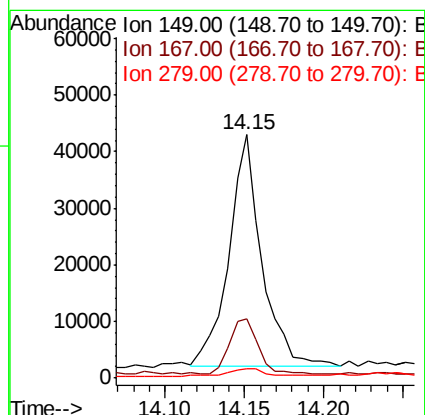
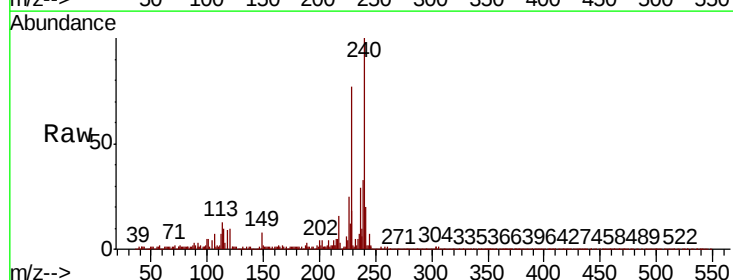
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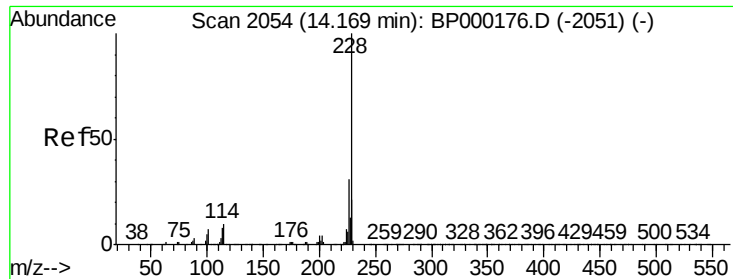
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.225 ng/ul
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.2	21.8	32.8
279	4.0	3.0	4.4





#85

Chrysene

Concen: 25.202 ng/ul

RT: 14.17 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

Instrument :

BNA_P

ClientSampled :

F2D26

Tot Ion:228 Resp: 1934456

Ion Ratio Lower Upper

228 100

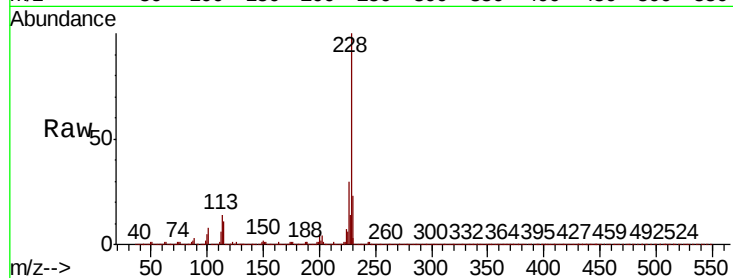
226 30.2 24.4 36.6

229 23.4 16.0 24.0

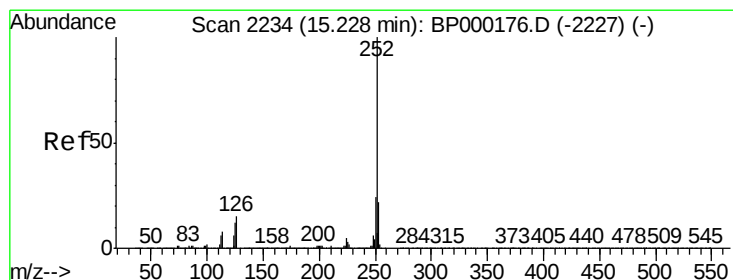
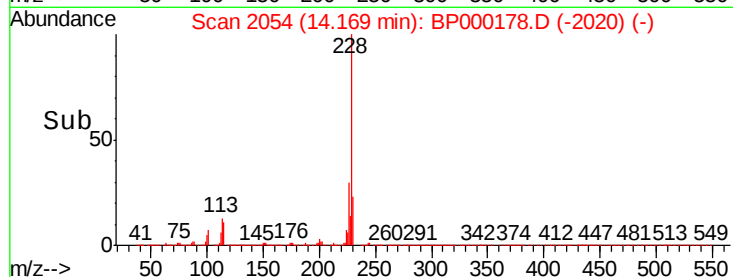
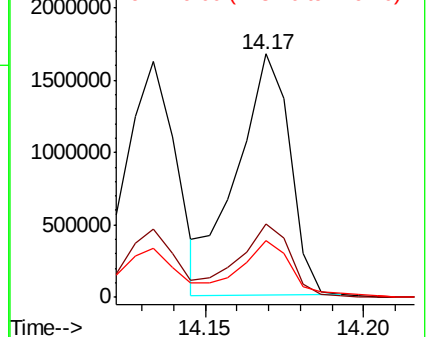
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 38.522 ng/ul

RT: 15.23 min Scan# 2235

Delta R.T. 0.01 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

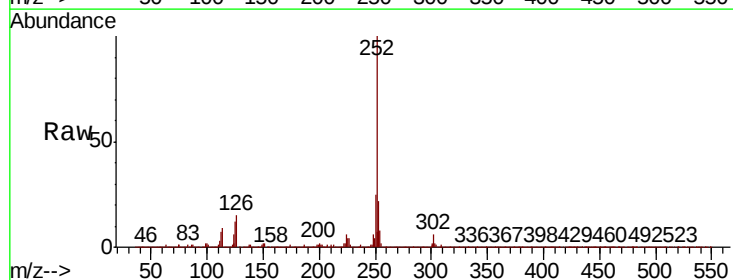
Tgt Ion:252 Resp: 3147083

Ion Ratio Lower Upper

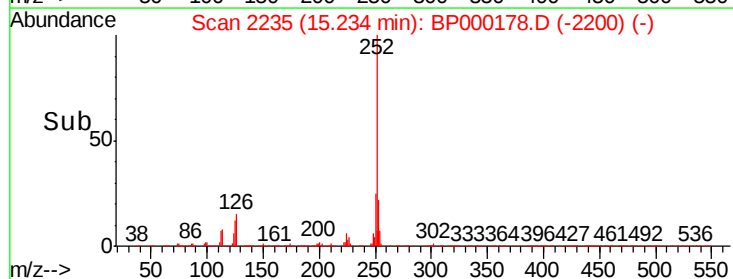
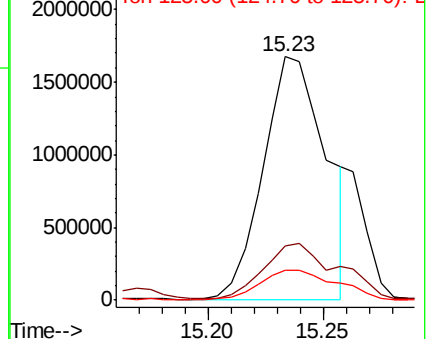
252 100

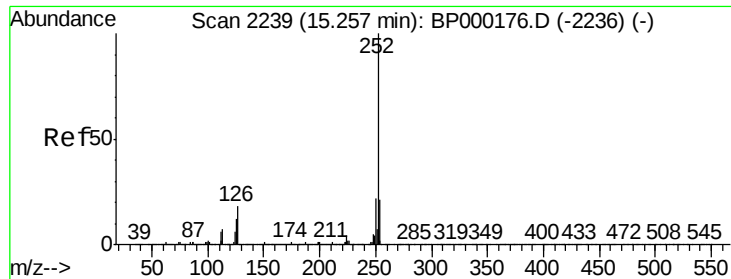
253 22.4 17.5 26.3

125 12.1 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





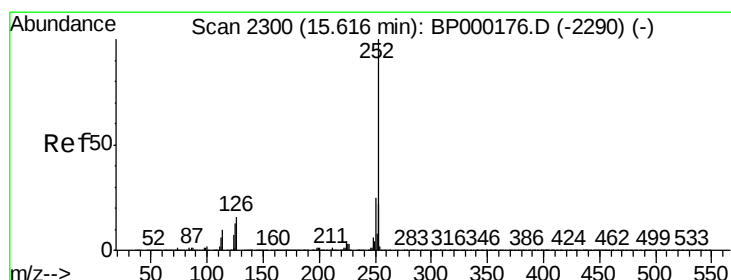
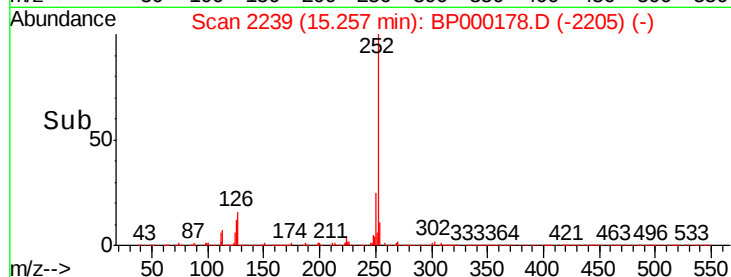
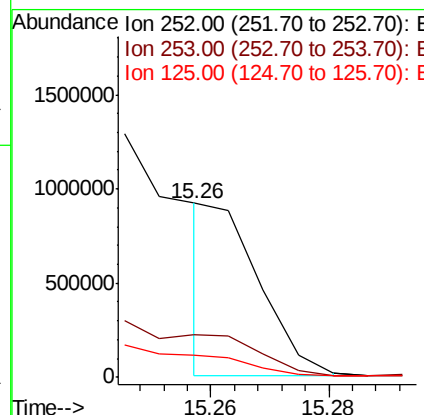
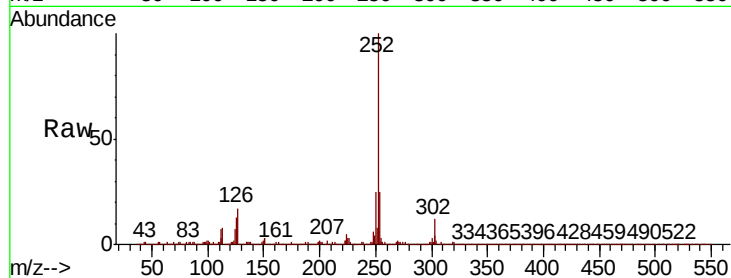
#89
Benzo(k)fluoranthene
Concen: 6.620 ng/ul m
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

Instrument :
BNA_P
ClientSampleId :
F2D26

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	12.6	10.2	15.2

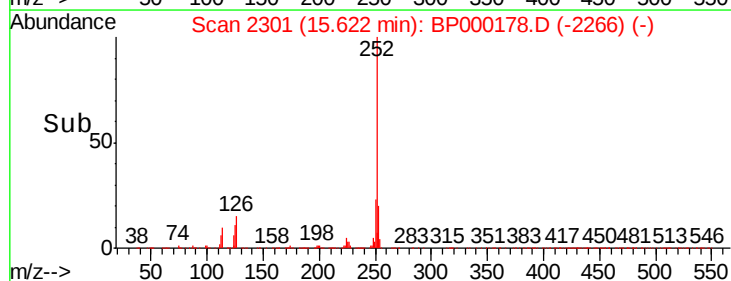
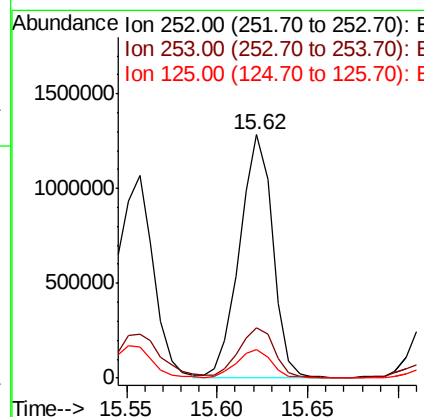
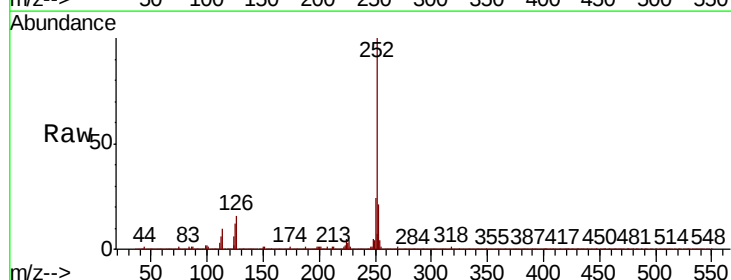
Manual Integrations
APPROVED

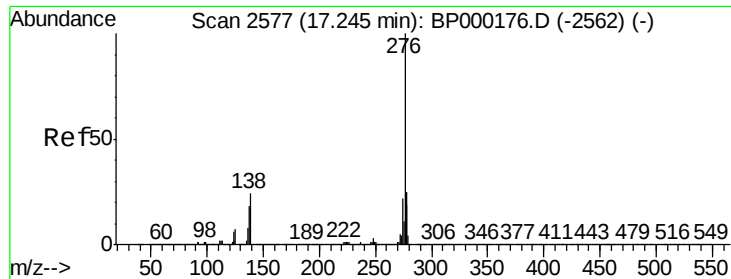
mohammad
9/12/2019 9:29:18 AM



#91
Benzo(a)pyrene
Concen: 21.107 ng/ul
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.5	26.3
125	11.8	10.2	15.2





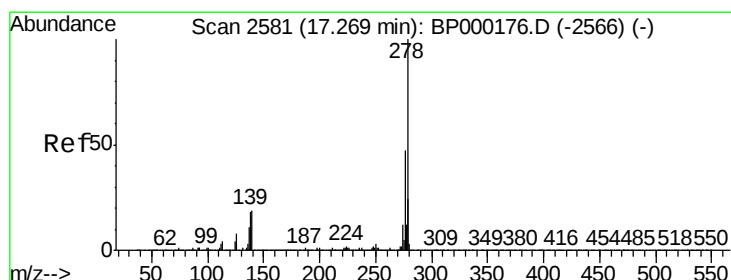
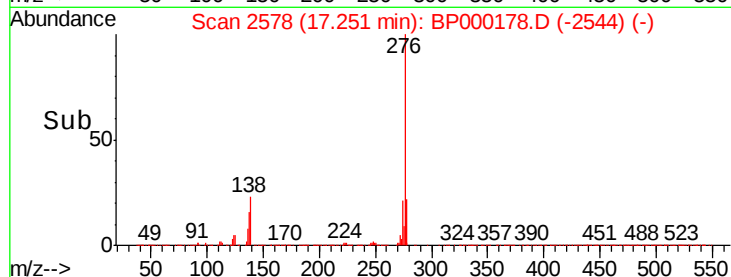
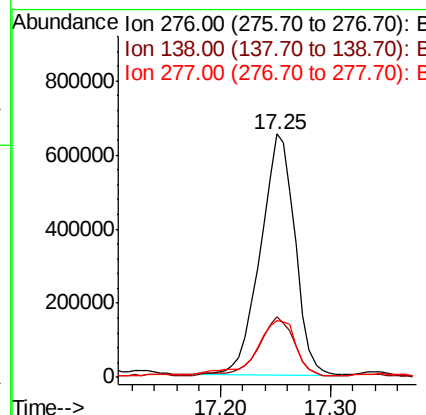
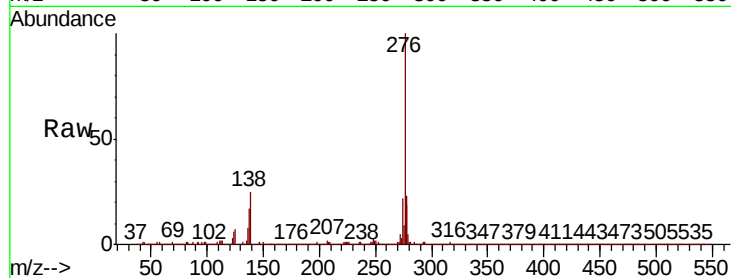
#92
Indeno(1,2,3-cd)pyrene
Concen: 16.272 ng/ul
RT: 17.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

Instrument :
BNA_P
ClientSampleId :
F2D26

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.0	30.0
277	23.4	19.4	29.0

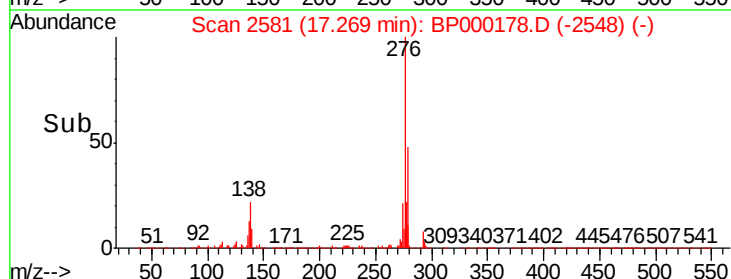
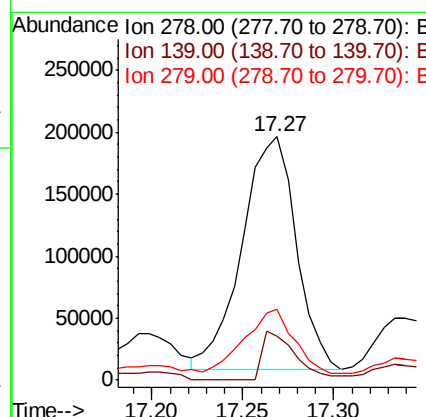
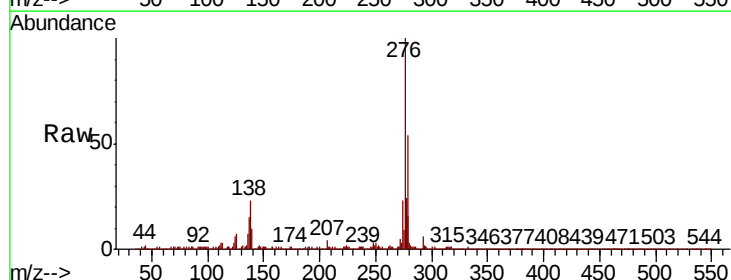
Manual Integrations
APPROVED

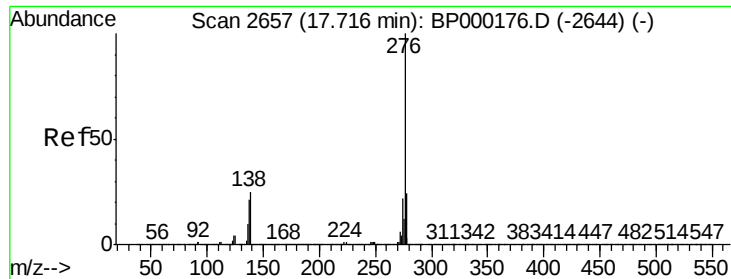
mohammad
9/12/2019 9:29:18 AM



#93
Dibenzo(a,h)anthracene
Concen: 5.283 ng/ul m
RT: 17.27 min Scan# 2581
Delta R.T. -0.01 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.1	22.7
279	28.9	19.2	28.8#





#94

Benzo(a,h,i)perylene

Concen: 19.451 ng/ul

RT: 17.72 min Scan# 2658

Delta R.T. 0.00 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

Instrument :

BNA_P

ClientSampleId :

F2D26

Tot Ion: 276 Resp: 1430107

Ion Ratio Lower Upper

276 100

138 23.2 20.0 30.0

277 20.8 19.1 28.7

Manual Integrations

APPROVED

mohammad

9/12/2019 9:29:18 AM

