

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000179.D
 Acq On : 10 Sep 2019 21:02
 Operator : HP/JU
 Sample : K4634-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D35

Manual Integrations
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mohammad
 9/12/2019 9:29:24 AM

Quant Time: Sep 11 03:39:59 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	416170	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1614391	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	897395	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1538316	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1218686	20.00	ng/ul	0.00
86) Perylene-d12	15.69	264	1200409	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.60	96	33272	2.84	ng/uL	0.00
5) Phenol-d5	6.50	99	578243	16.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	318835	17.20	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	492918	17.19	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	404847	15.20	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	240498	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	255040	21.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	446144	17.61	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	363109	11.59	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1276634	19.27	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1514048	18.49	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	177019	14.95	ng/ul	0.00
58) Fluorene-d10	10.47	176	1073794	19.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	113010	15.98	ng/ul	0.00
71) Anthracene-d10	11.50	188	1496484	20.09	ng/ul	0.00
79) Pyrene-d10	12.90	212	1504384	20.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.59	264	1282788	20.62	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.52	94	117144	3.171 ng/ul	96
45) Dimethylphthalate	9.65	163	307926	4.605 ng/ul	99
70) Phenanthrene	11.47	178	315012	3.463 ng/ul	99
76) Di-n-butylphthalate	12.02	149	128459	1.386 ng/ul	100
77) Fluoranthene	12.68	202	810400	8.832 ng/ul	99
80) Pyrene	12.92	202	643290	6.996 ng/ul	96
83) Benzo(a)anthracene	14.13	228	367566	4.167 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	14.15	149	75151	1.500 ng/ul	100
85) Chrysene	14.17	228	432543	5.343 ng/ul	97
88) Benzo(b)fluoranthene	15.23	252	666377	8.376 ng/ul	99
89) Benzo(k)fluoranthene	15.25	252	120483m	1.607 ng/ul	
91) Benzo(a)pyrene	15.62	252	347333	4.653 ng/ul	94
92) Indeno(1,2,3-cd)pyrene	17.24	276	289211	3.368 ng/ul	99
93) Dibenzo(a,h)anthracene	17.26	278	80308	1.129 ng/ul	94
94) Benzo(g,h,i)perylene	17.71	276	296206	4.137 ng/ul	97

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

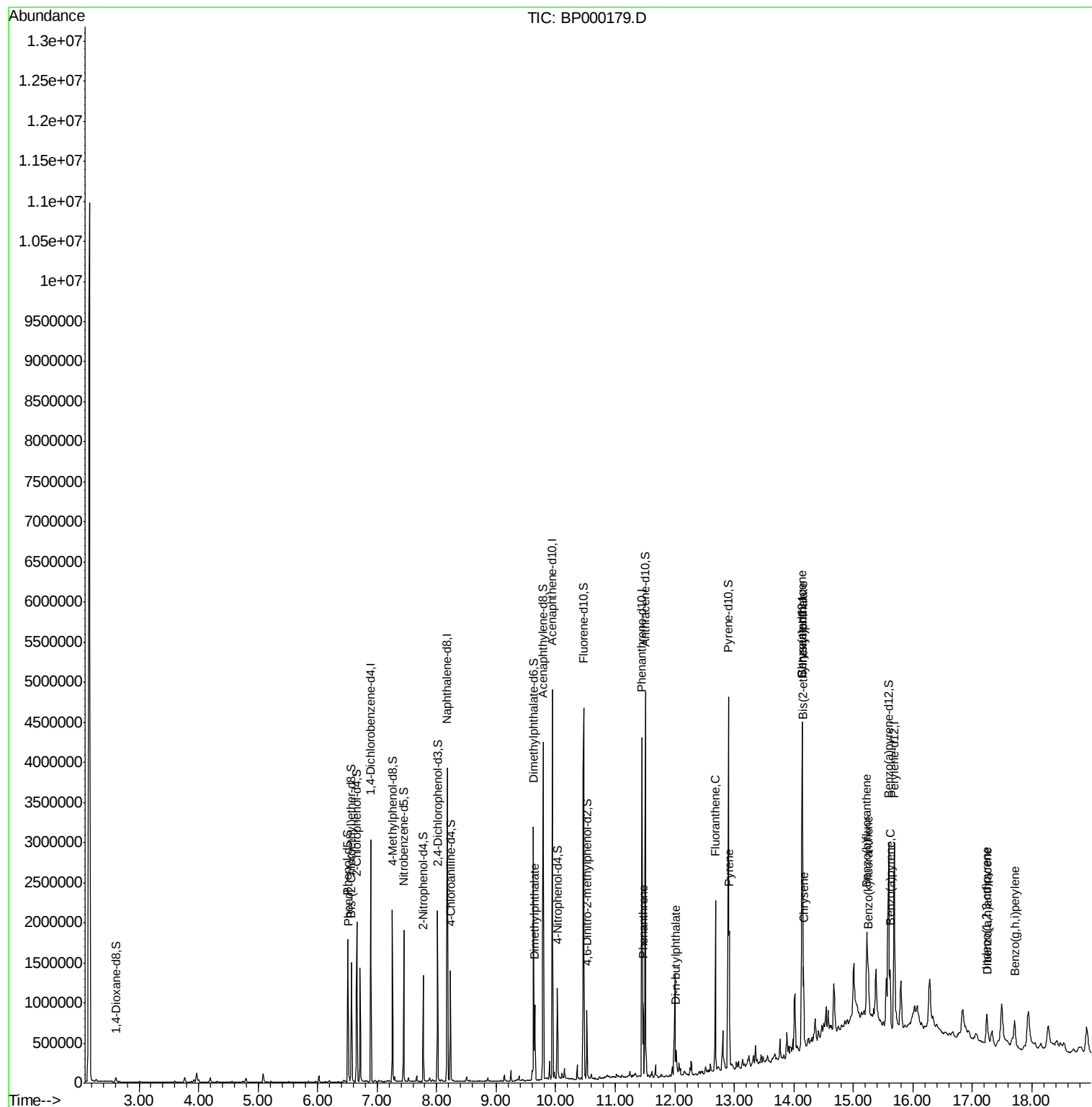
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000179.D
Acq On : 10 Sep 2019 21:02
Operator : HP/JU
Sample : K4634-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

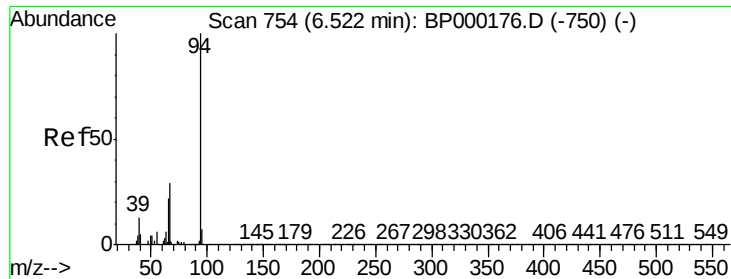
Instrument :
BNA_P
ClientSampleId :
F2D35

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Quant Time: Sep 11 03:39:59 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: 3.171 ng/ul

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BP000179.D

Acq: 10 Sep 2019 21:02

Instrument :

BNA_P

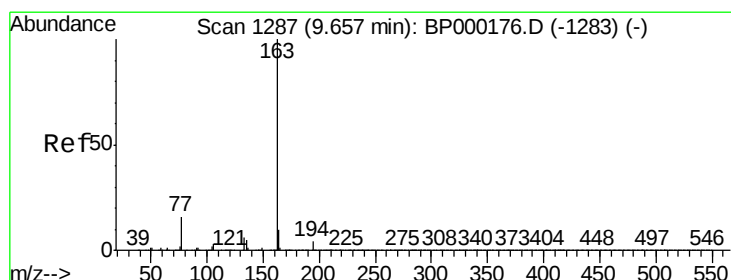
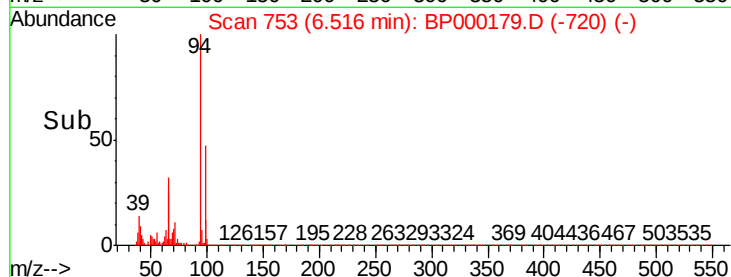
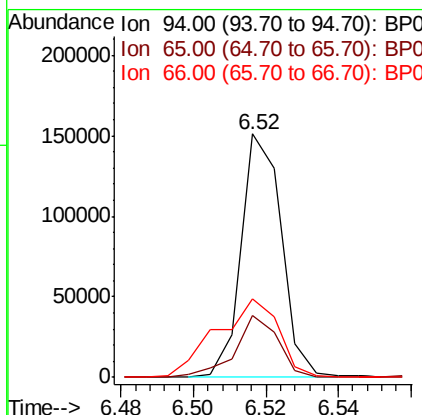
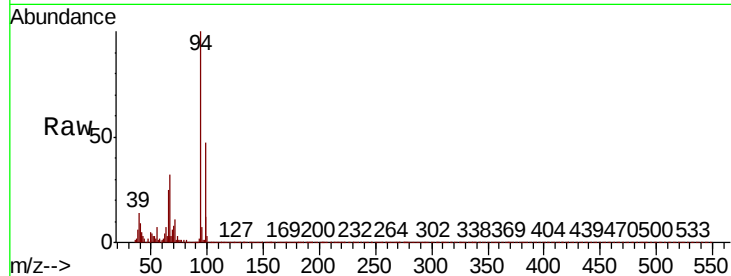
ClientSampleId :

F2D35

Tot Ion:	94	Resp:	117144
Ion Ratio	Lower	Upper	
94	100		
65	25.2	18.8	28.2
66	32.4	24.2	36.2

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#45

Dimethylphthalate

Concen: 4.605 ng/ul

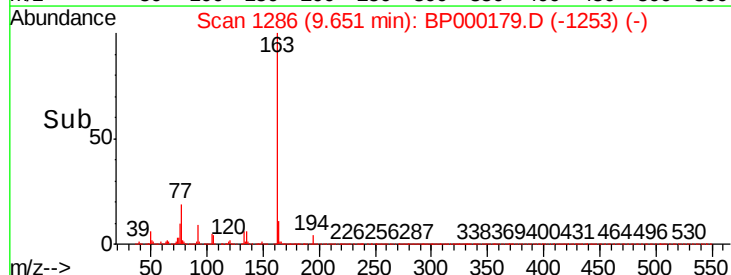
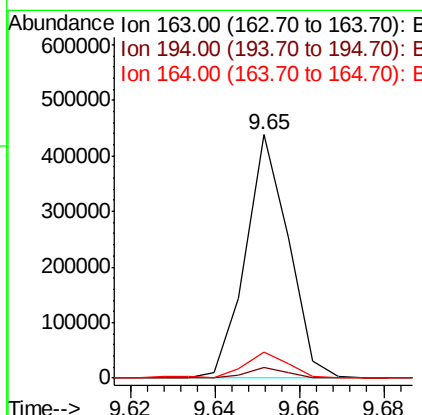
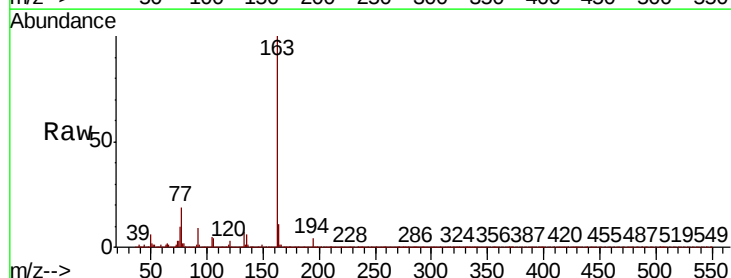
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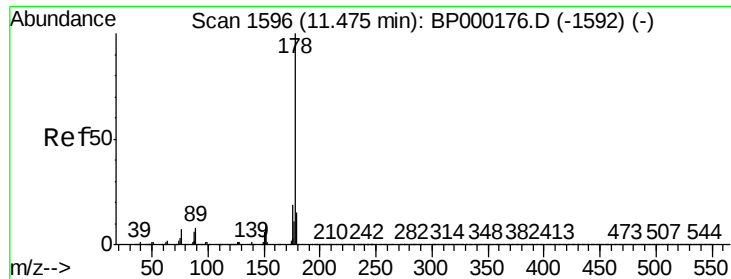
Delta R.T. -0.01 min

Lab File: BP000179.D

Acq: 10 Sep 2019 21:02

Tgt Ion:	163	Resp:	307926
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.2	4.8
164	10.9	8.4	12.6





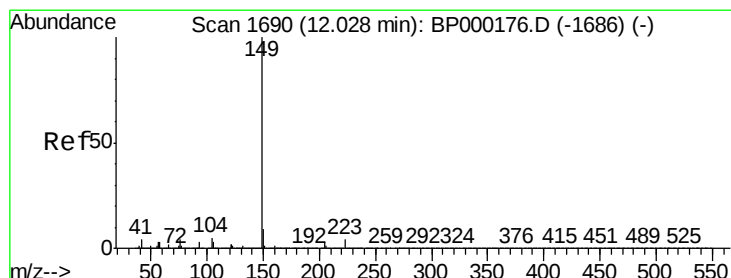
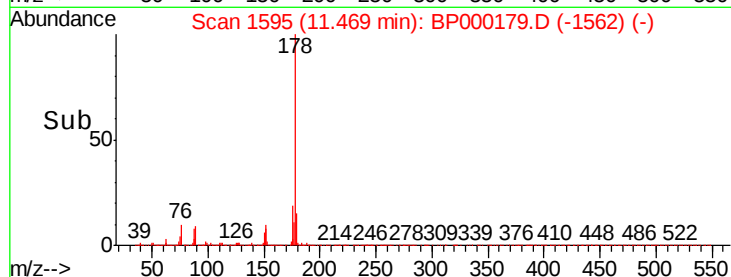
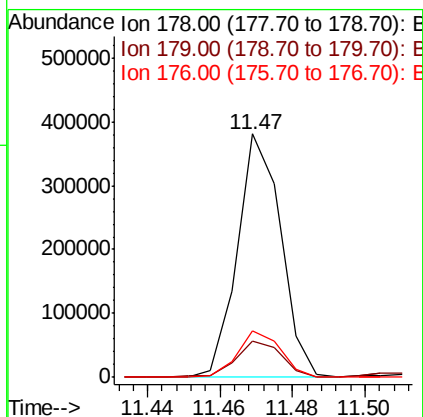
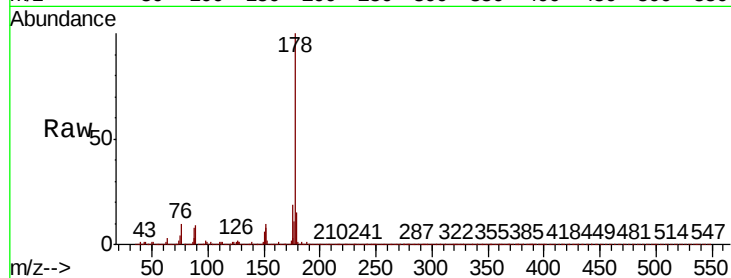
#70
Phenanthrene
Concen: 3.463 ng/ul
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

Instrument :
BNA_P
ClientSampled :
F2D35

Tot Ion:	178	Resp:	315012
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.5	18.7
176	19.3	15.7	23.5

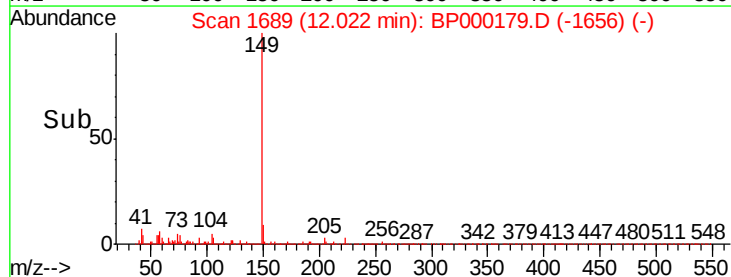
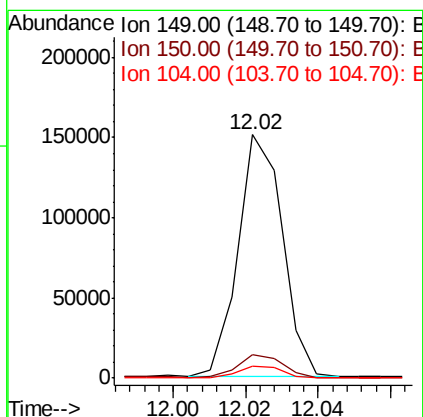
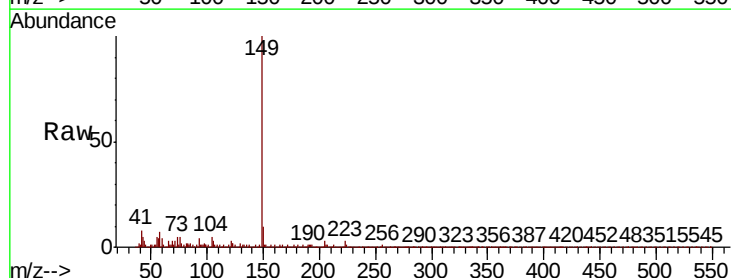
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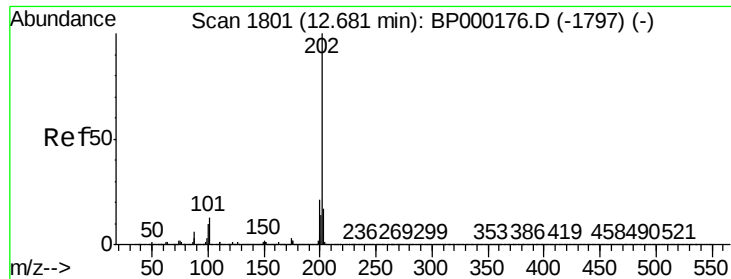
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#76
Di-n-butylphthalate
Concen: 1.386 ng/ul
RT: 12.02 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

Tgt Ion:	149	Resp:	128459
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.5	11.3
104	5.0	4.0	6.0





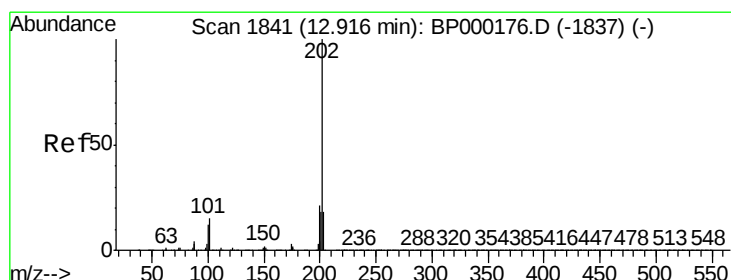
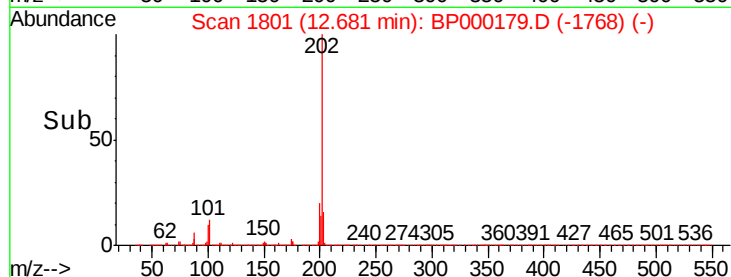
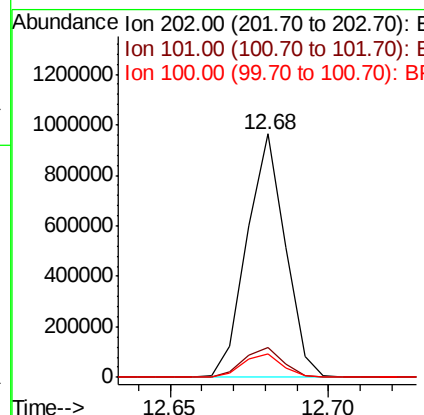
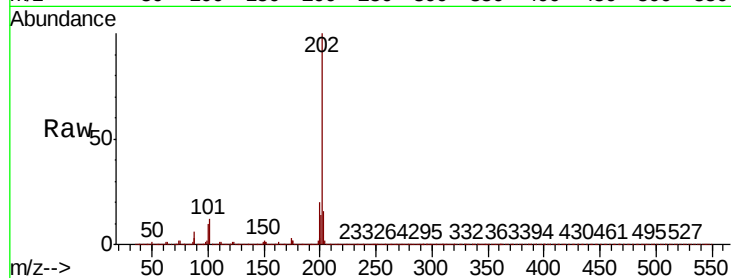
#77
Fluoranthene
Concen: 8.832 ng/ul
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :
F2D35

Tot Ion	Ratio	Resp	Lower	Upper
202	100	810400		
101	12.1	10.0	15.0	
100	9.8	7.4	11.2	

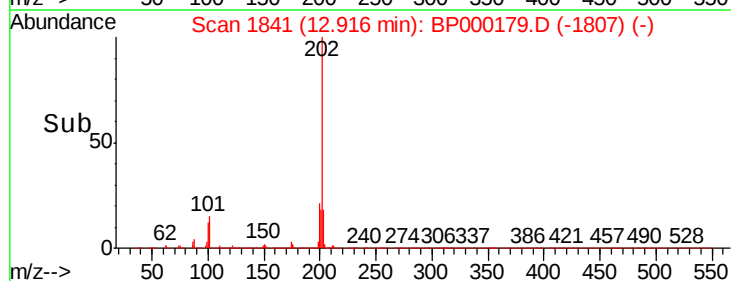
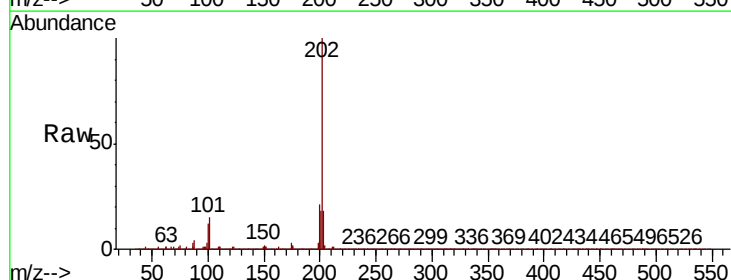
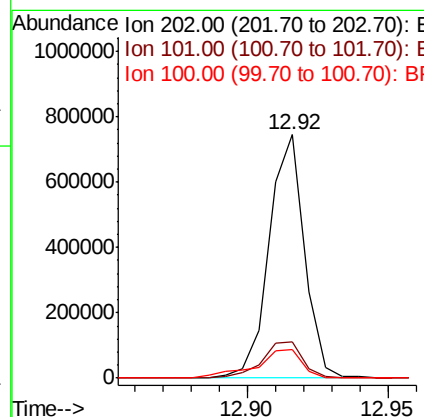
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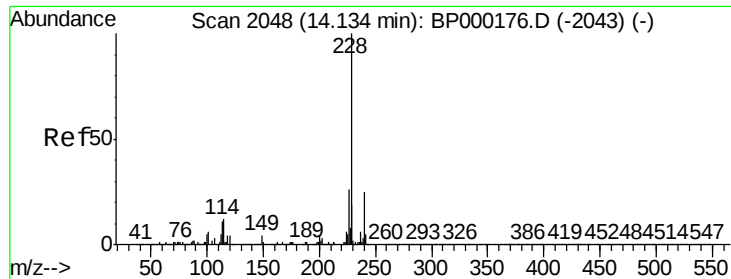
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#80
Pyrene
Concen: 6.996 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	643290		
101	15.0	13.4	20.0	
100	11.7	10.8	16.2	





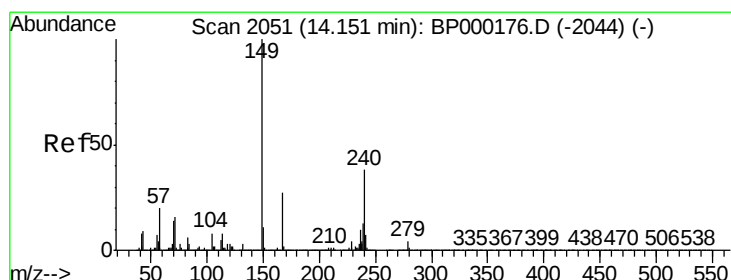
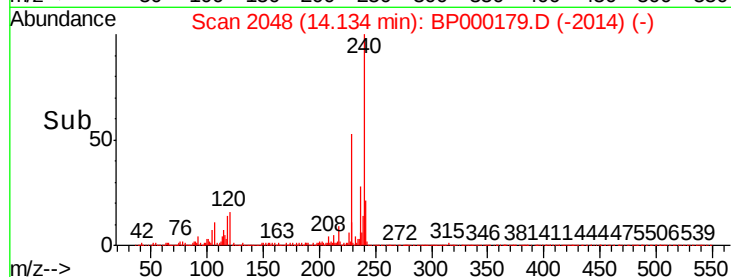
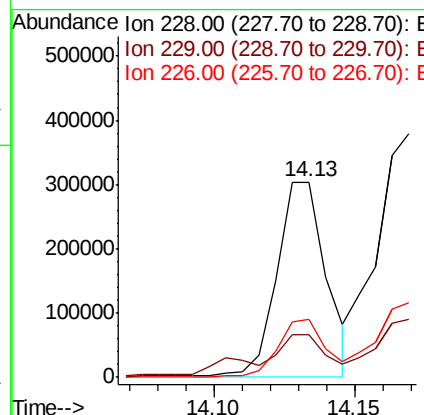
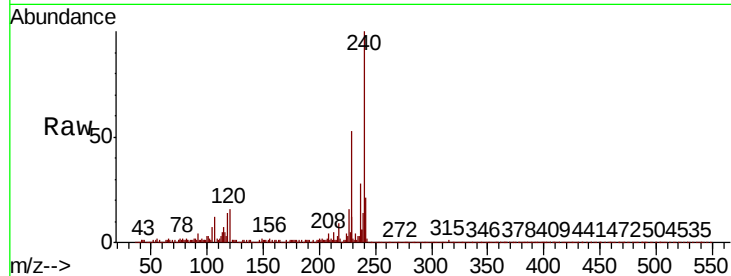
#83
Benzo(a)anthracene
Concen: 4.167 ng/ul
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

Instrument :
BNA_P
ClientSampled :
F2D35

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.9	23.9
226	29.8	22.1	33.1

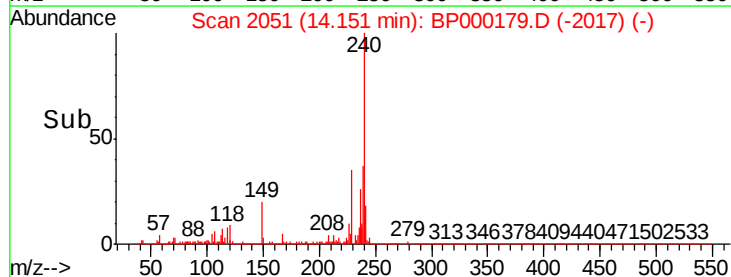
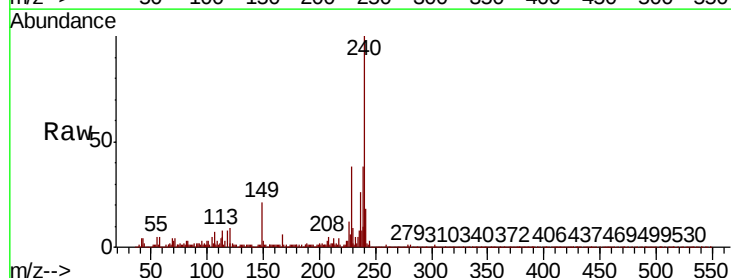
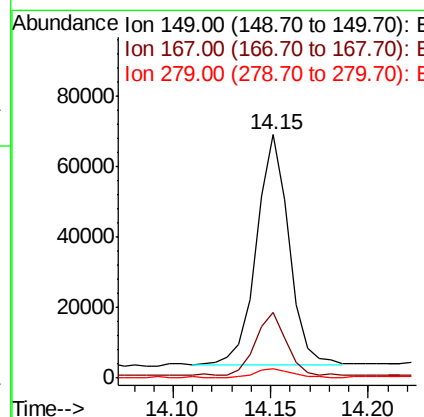
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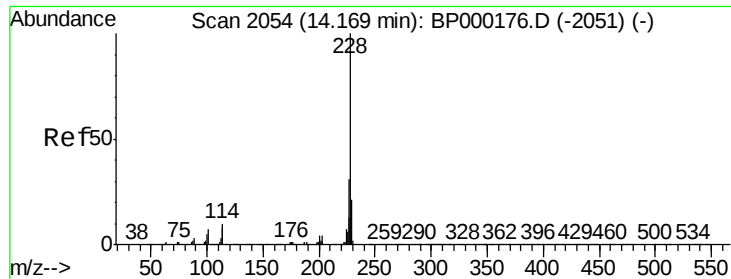
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.500 ng/ul
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	3.7	3.0	4.4





#85

Chrysene

Concen: 5.343 ng/ul

RT: 14.17 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BP000179.D

Acq: 10 Sep 2019 21:02

Instrument :

BNA_P

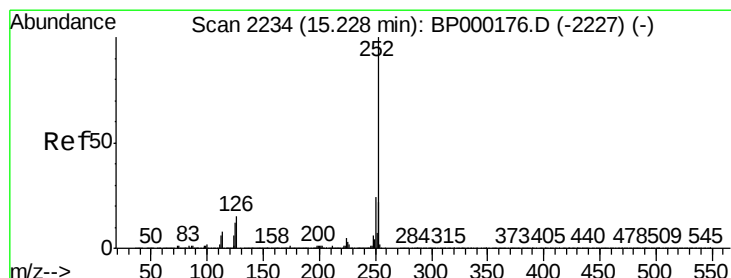
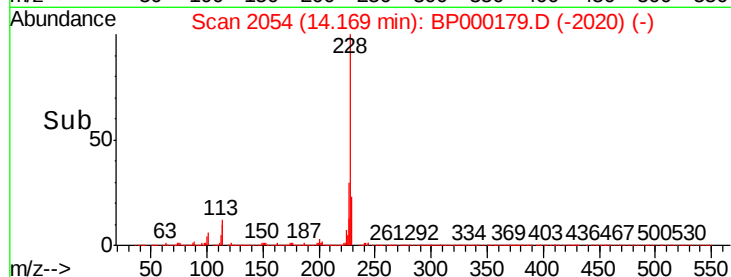
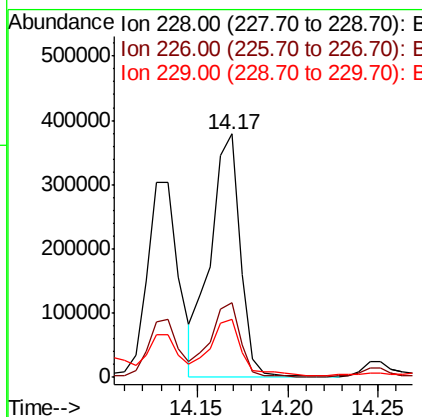
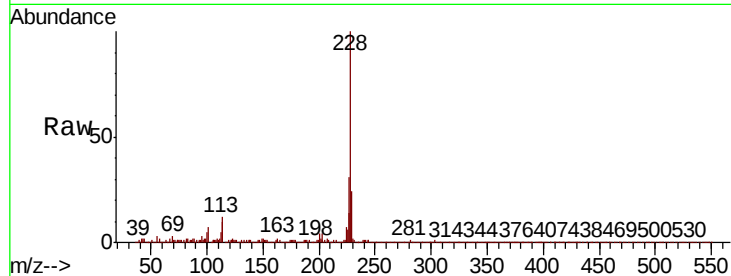
ClientSampled :

F2D35

Tot Ion:	228	Resp:	432543
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.4	36.6
229	23.7	16.0	24.0

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#88

Benzo(b)fluoranthene

Concen: 8.376 ng/ul

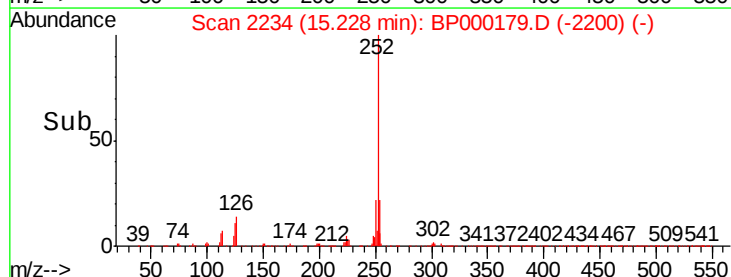
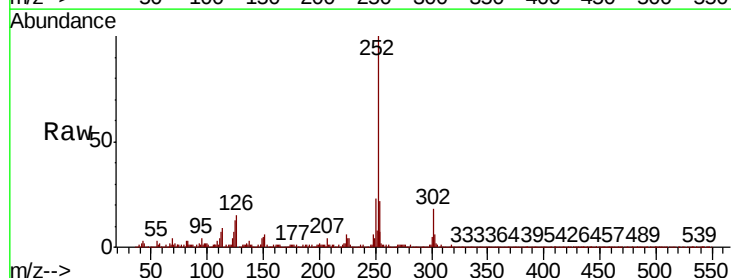
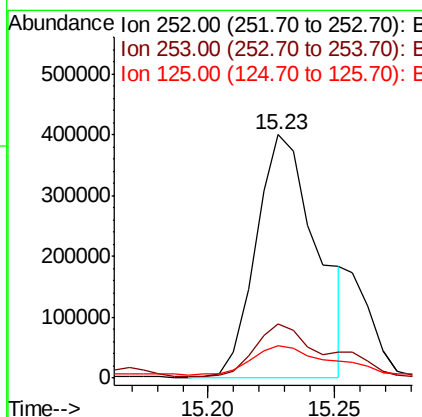
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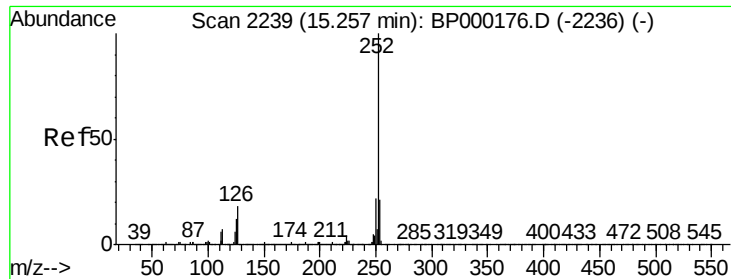
Delta R.T. 0.00 min

Lab File: BP000179.D

Acq: 10 Sep 2019 21:02

Tgt Ion:	252	Resp:	666377
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	13.3	9.9	14.9





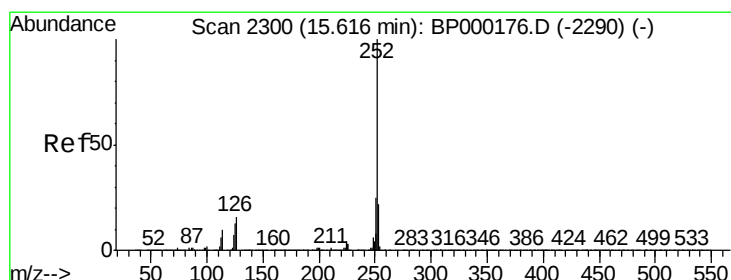
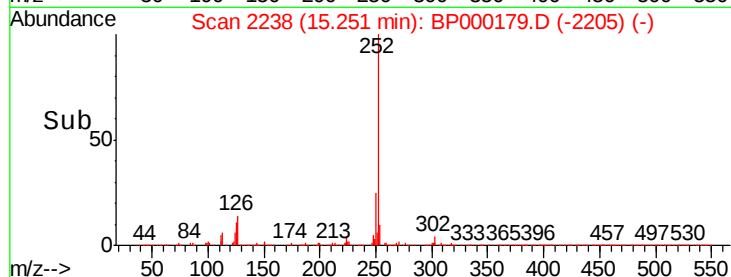
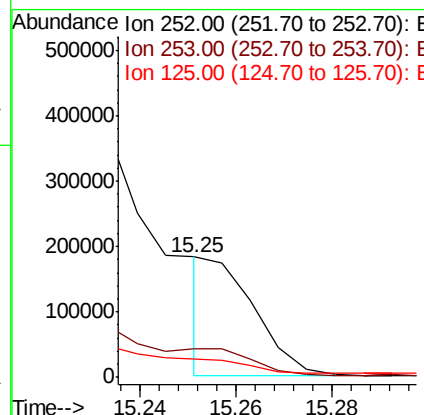
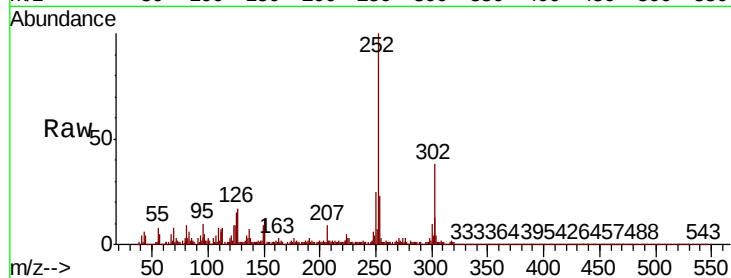
#89
Benzo(k)fluoranthene
Concen: 1.607 ng/ul
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

Instrument :
BNA_P
ClientSampled :
F2D35

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	15.1	10.2	15.2

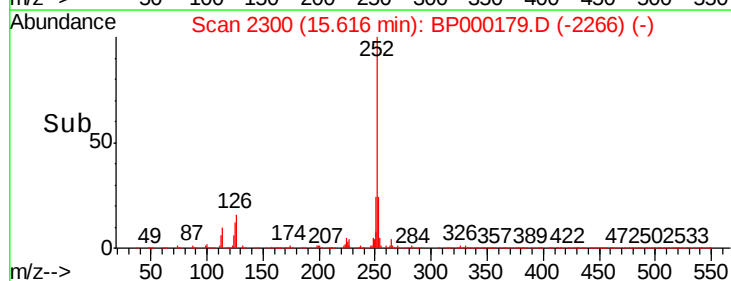
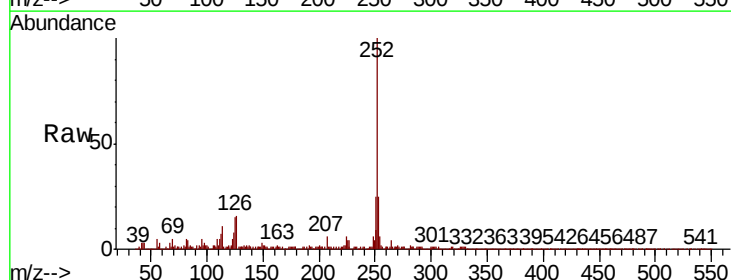
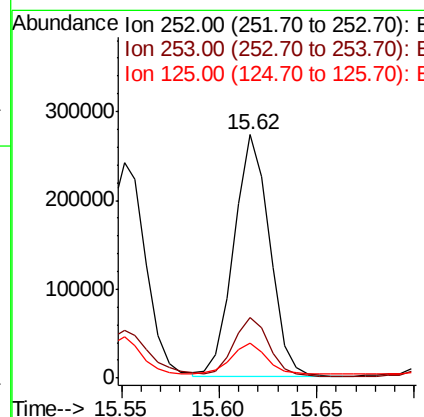
Manual Integrations
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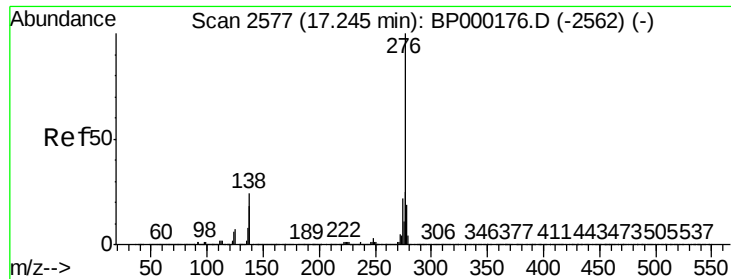
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#91
Benzo(a)pyrene
Concen: 4.653 ng/ul
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	14.6	10.2	15.2





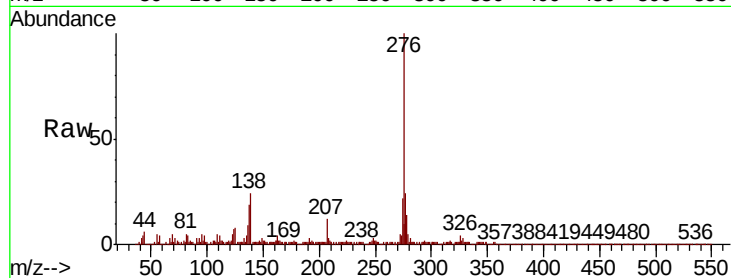
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 Indeno(1,2,3-cd)pyrene
 Concen: 3.368 ng/ul
 RT: 17.24 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BP000179.D
 Acq: 10 Sep 2019 21:02

Instrument :
 BNA_P
 ClientSampleId :
 F2D35

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.0	30.0
277	24.0	19.4	29.0

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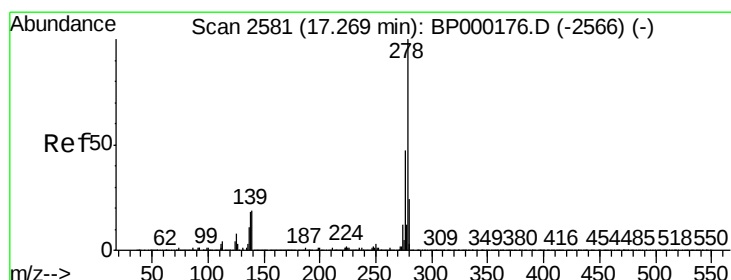
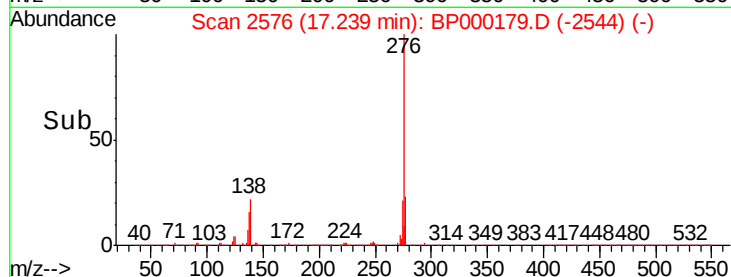
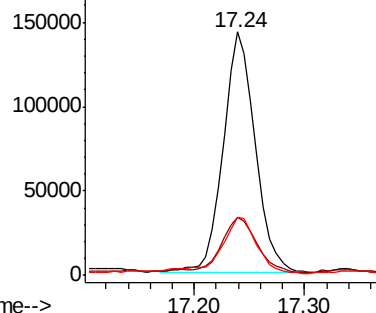


Abundance

Ion 276.00 (275.70 to 276.70): E

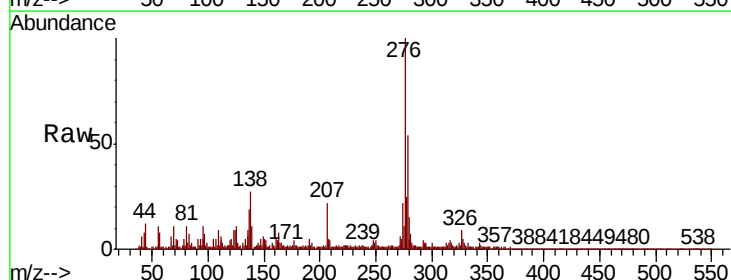
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93
 Dibenzo(a,h)anthracene
 Concen: 1.129 ng/ul
 RT: 17.26 min Scan# 2579
 Delta R.T. -0.02 min
 Lab File: BP000179.D
 Acq: 10 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	15.1	22.7
279	28.1	19.2	28.8

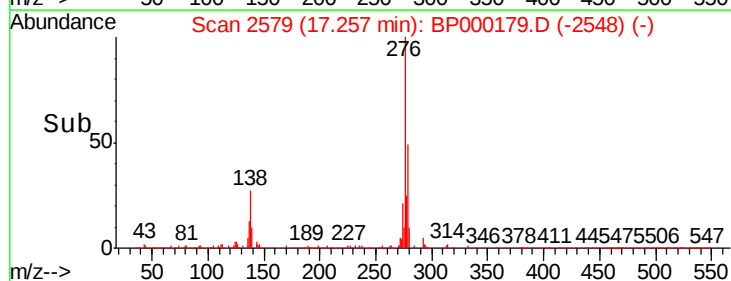
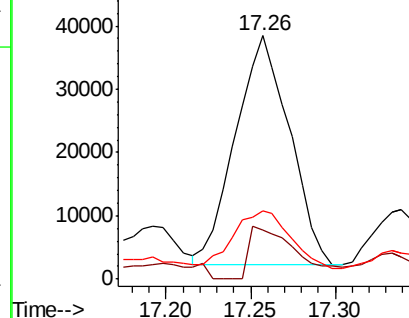


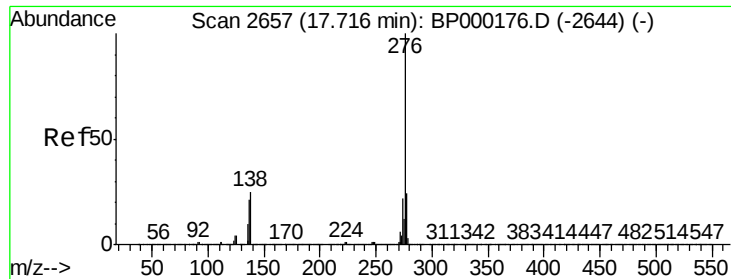
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94
 Benzo(a,h,i)perylene
 Concen: 4.137 ng/ul
 RT: 17.71 min Scan# 2656
 Delta R.T. -0.01 min
 Lab File: BP000179.D
 Acq: 10 Sep 2019 21:02

Instrument :
 BNA_P
 ClientSampleId :
 F2D35

Tot Ion:	276	Resp:	296206
Ion Ratio	Lower	Upper	
276	100		
138	26.2	20.0	30.0
277	25.5	19.1	28.7

Manual Integrations
 APPROVED

mohammad
 9/12/2019 9:29:24 AM

