

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090919\
 Data File : BP000151.D
 Acq On : 09 Sep 2019 22:53
 Operator : HP/JU
 Sample : K4634-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D24

Manual Integrations
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 9/10/2019 2:52:40 PM

Quant Time: Sep 10 05:20:56 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	508329	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1951162	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	1053943	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1778476	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1309269	20.00	ng/ul	0.00
86) Perylene-d12	15.68	264	1329092	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.63	96	35569	2.48	ng/uL	0.02
5) Phenol-d5	6.50	99	643182	14.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	348790	15.40	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	534186	15.26	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	402141	12.36	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	250936	16.94	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	259617	18.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.01	165	458229	14.97	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	538835	14.23	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1357621	17.45	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1594231	16.58	ng/ul	0.00
52) 4-Nitrophenol-d4	10.02	143	161694	11.63	ng/ul	-0.01
58) Fluorene-d10	10.46	176	1118412	16.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	100318	12.27	ng/ul	0.00
71) Anthracene-d10	11.50	188	1521592	17.67	ng/ul	0.00
79) Pyrene-d10	12.89	212	1511318	19.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.58	264	1265543	18.37	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.52	94	124469	2.758	ng/ul 99
45) Dimethylphthalate	9.65	163	333047	4.241	ng/ul 99
50) Acenaphthene	9.98	153	99936	1.435	ng/ul 98
59) Fluorene	10.49	166	82675	1.119	ng/ul 99
70) Phenanthrene	11.47	178	1616011	15.365	ng/ul 99
72) Anthracene	11.52	178	240746	2.326	ng/ul 99
75) Carbazole	11.68	167	243290	2.749	ng/ul 99
77) Fluoranthene	12.68	202	2515057	23.709	ng/ul 98
80) Pyrene	12.92	202	1975801	20.002	ng/ul 96
83) Benzo(a)anthracene	14.13	228	1018095	10.742	ng/ul 98
85) Chrysene	14.16	228	1088068	12.511	ng/ul 97
88) Benzo(b)fluoranthene	15.22	252	1521523	17.273	ng/ul 99
89) Benzo(k)fluoranthene	15.25	252	274998m	3.312	ng/ul
91) Benzo(a)pyrene	15.61	252	842011	10.188	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	17.23	276	614592	6.464	ng/ul 98
93) Dibenzo(a,h)anthracene	17.25	278	163536	2.077	ng/ul 94
94) Benzo(g,h,i)perylene	17.70	276	585102	7.380	ng/ul 98

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

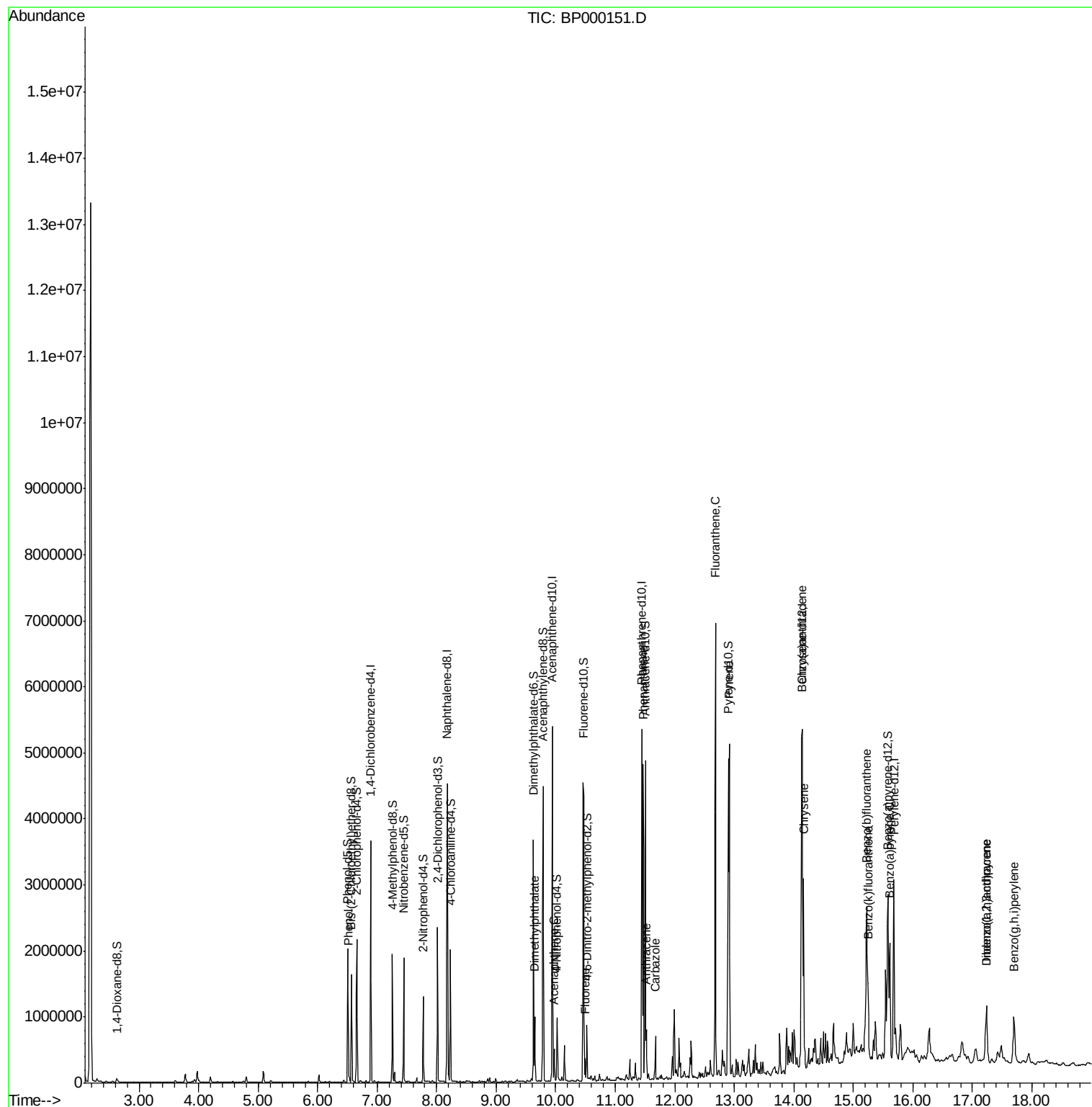
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000151.D
Acq On : 09 Sep 2019 22:53
Operator : HP/JU
Sample : K4634-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

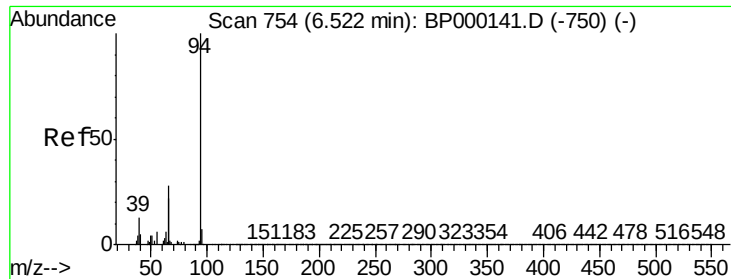
Instrument :
BNA_P
ClientSampleId :
F2D24

Quant Time: Sep 10 05:20:56 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
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#6

Phenol

Concen: 2.758 ng/ul

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BP000151.D

Acq: 09 Sep 2019 22:53

Instrument :

BNA_P

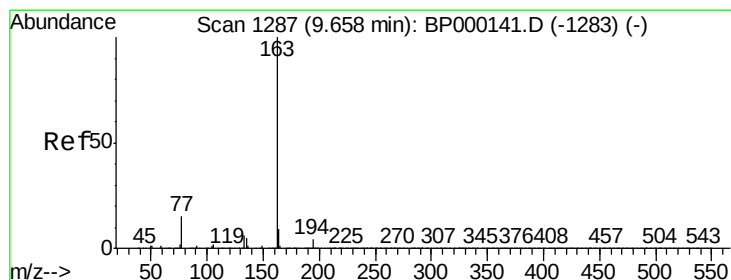
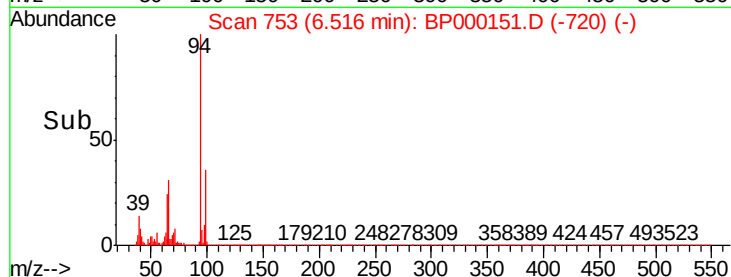
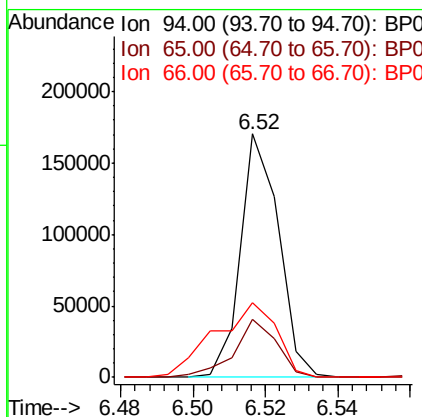
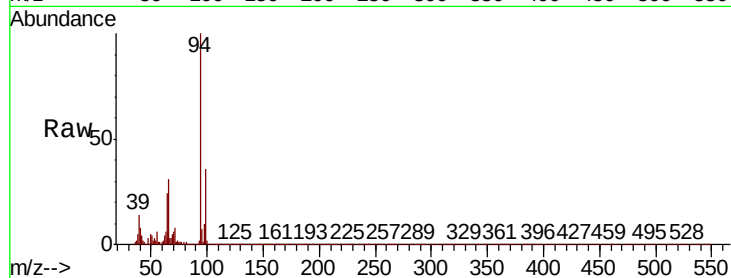
ClientSampleId :

F2D24

Tot Ion:	94	Resp:	124469
Ion Ratio	Lower	Upper	
94	100		
65	23.8	18.8	28.2
66	30.8	24.2	36.2

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#45

Dimethylphthalate

Concen: 4.241 ng/ul

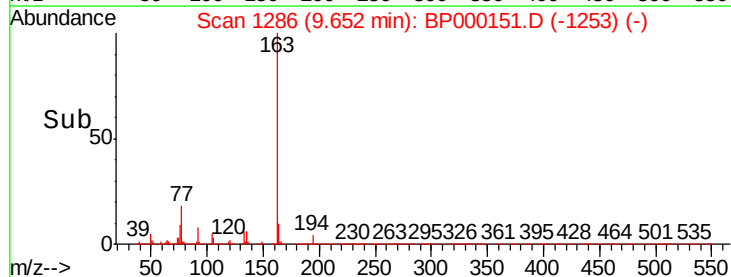
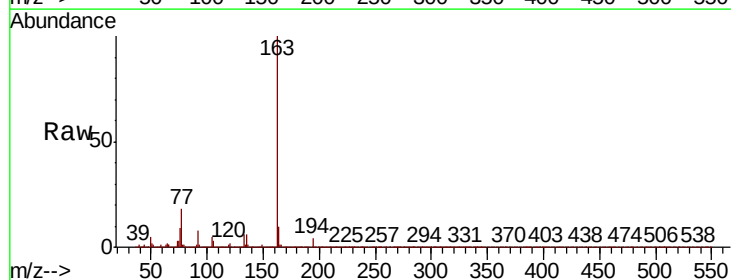
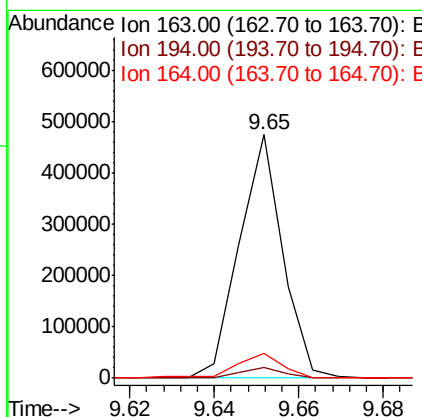
RT: 9.65 min Scan# 1286

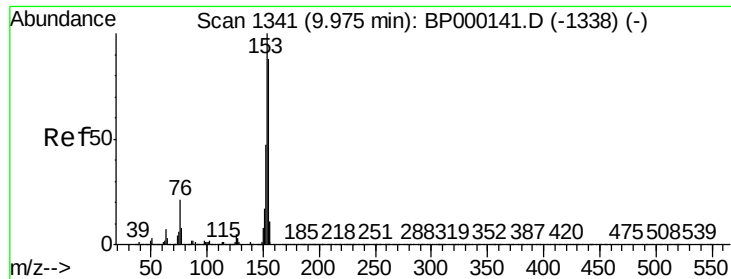
Delta R.T. -0.01 min

Lab File: BP000151.D

Acq: 09 Sep 2019 22:53

Tgt Ion:	163	Resp:	333047
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.2	4.8
164	10.3	8.4	12.6





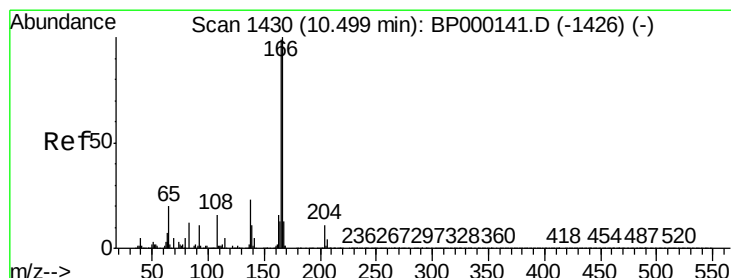
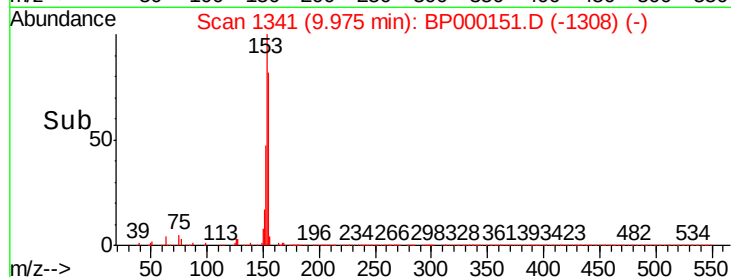
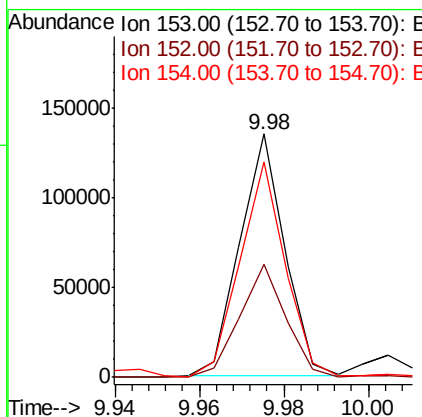
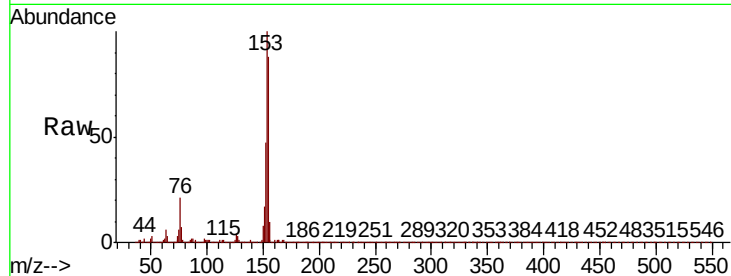
#50
Acenaphthene
Concen: 1.435 ng/ul
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000151.D
Acq: 09 Sep 2019 22:53

Instrument :
BNA_P
ClientSampleId :
F2D24

Tot Ion	Ratio	Lower	Upper
153	100		
152	46.6	38.0	57.0
154	88.3	72.6	108.8

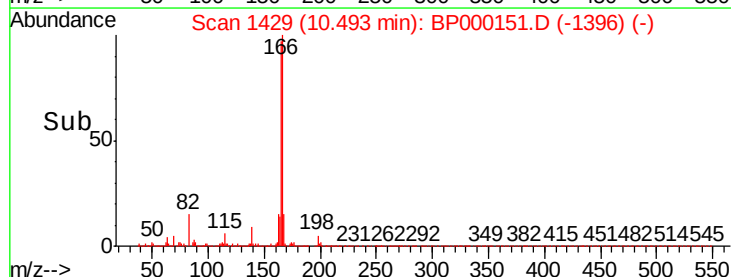
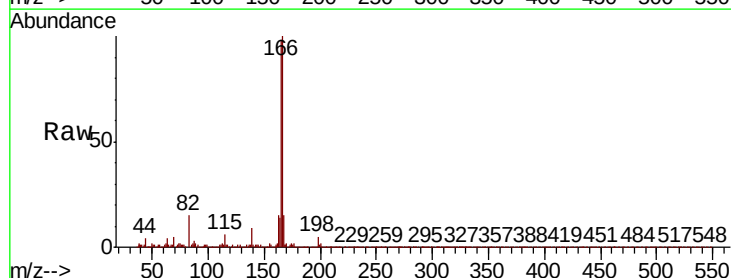
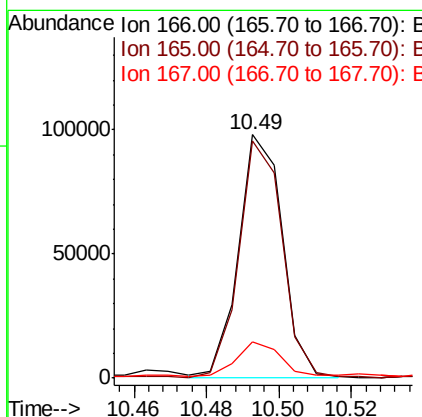
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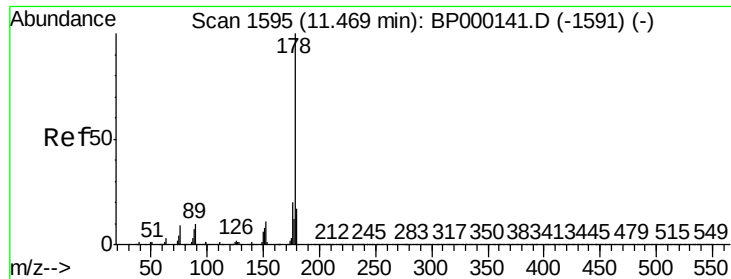
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#59
Fluorene
Concen: 1.119 ng/ul
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BP000151.D
Acq: 09 Sep 2019 22:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.8
167	14.8	10.9	16.3





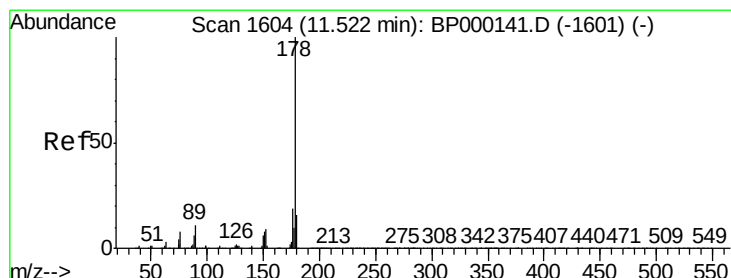
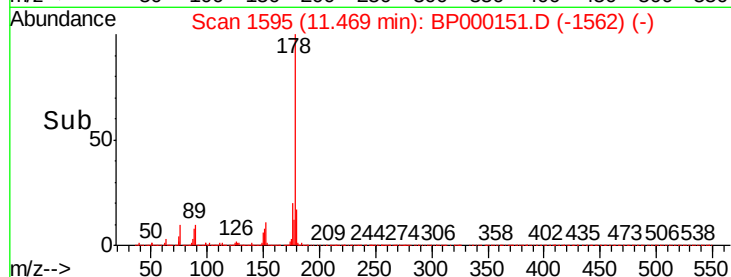
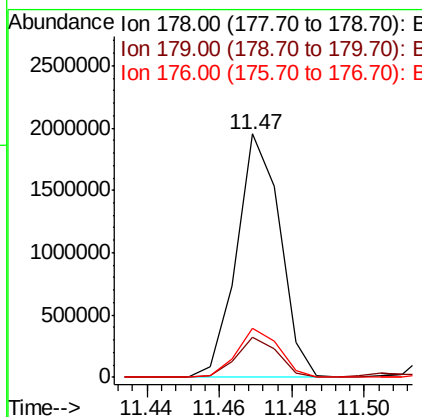
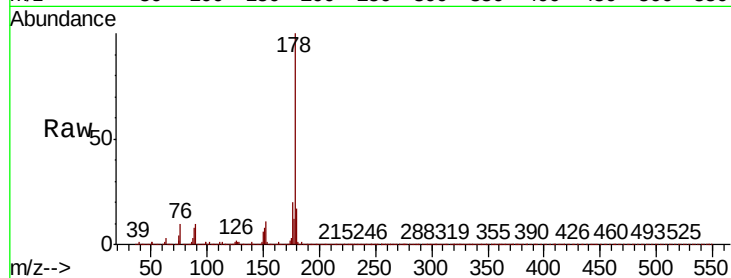
#70
Phenanthrene
Concen: 15.365 ng/ul
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BP000151.D
Acq: 09 Sep 2019 22:53

Instrument :
BNA_P
ClientSampled :
F2D24

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.5	18.7
176	19.9	15.7	23.5

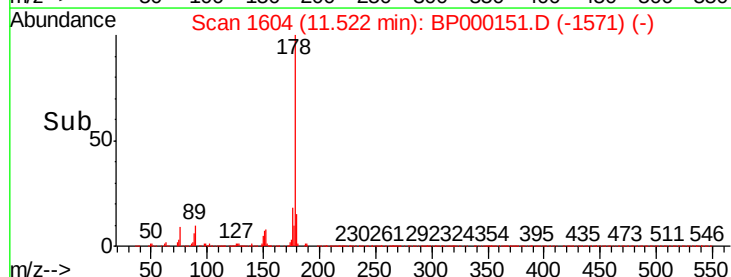
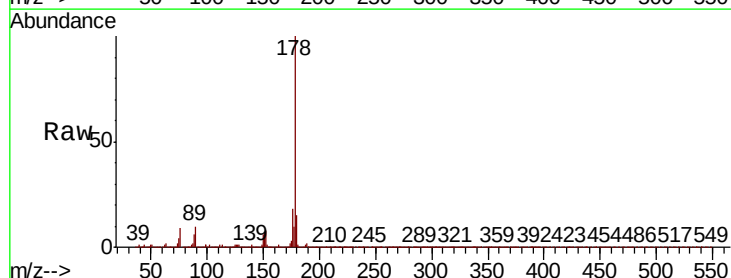
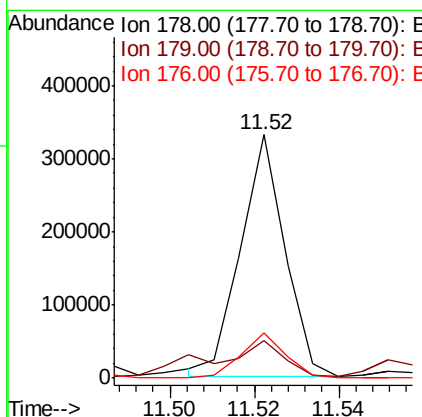
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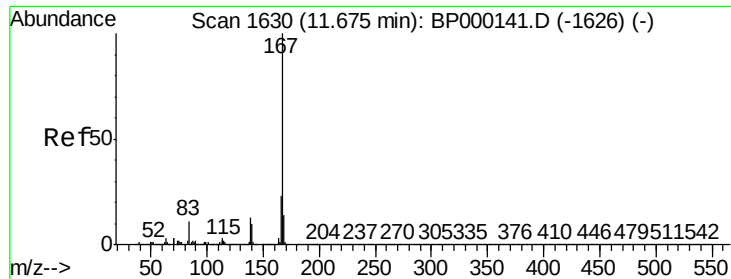
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#72
Anthracene
Concen: 2.326 ng/ul
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BP000151.D
Acq: 09 Sep 2019 22:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.5	15.1	22.7





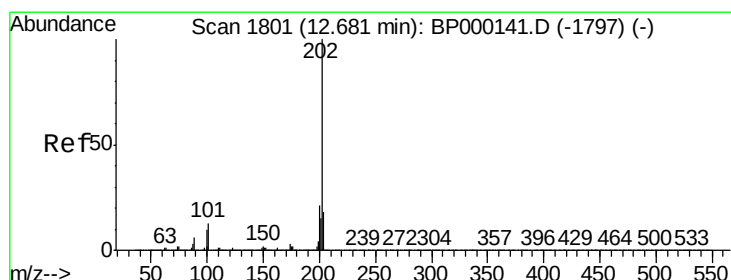
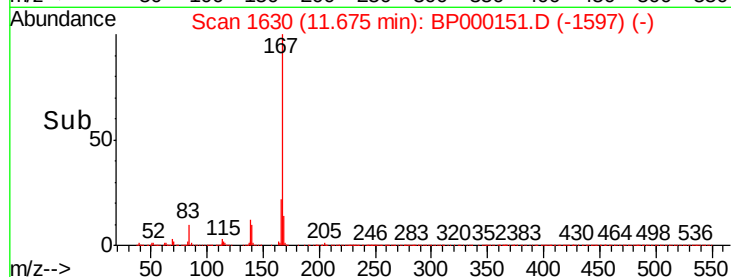
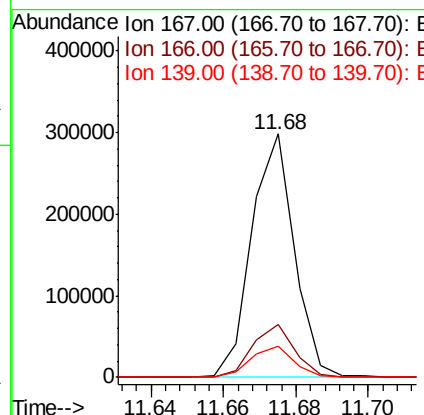
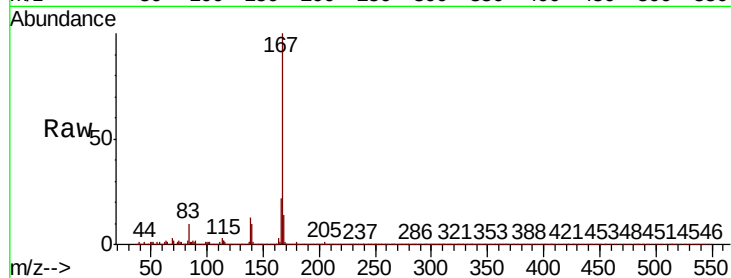
#75
 Carbazole
 Concen: 2.749 ng/ul
 RT: 11.68 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BP000151.D
 Acq: 09 Sep 2019 22:53

Instrument :
 BNA_P
 ClientSampleId :
 F2D24

Tot Ion	Ratio	Resp	Lower	Upper
167	100	243290		
166	21.8		17.3	25.9
139	12.7		10.6	15.8

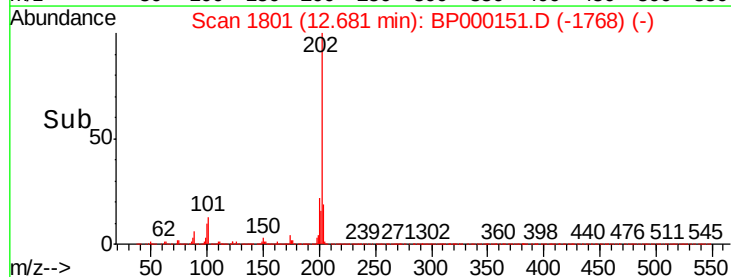
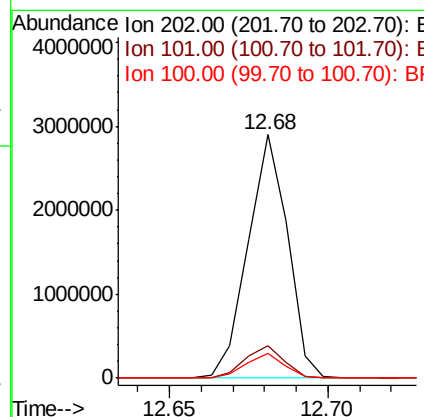
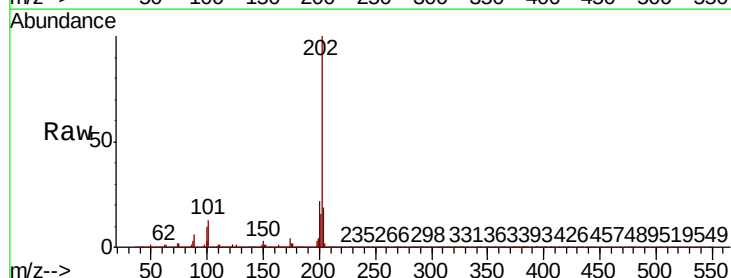
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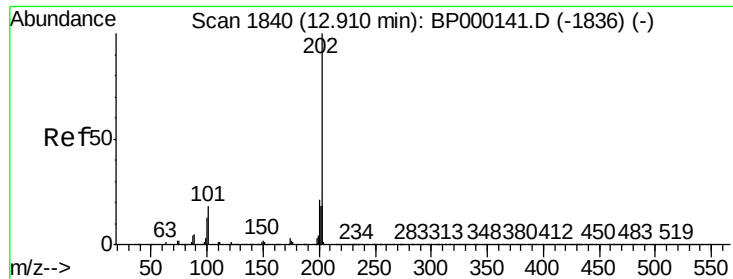
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#77
 Fluoranthene
 Concen: 23.709 ng/ul
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BP000151.D
 Acq: 09 Sep 2019 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2515057		
101	13.4		10.0	15.0
100	10.1		7.4	11.2





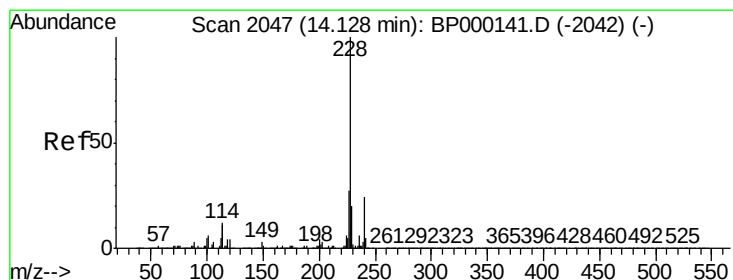
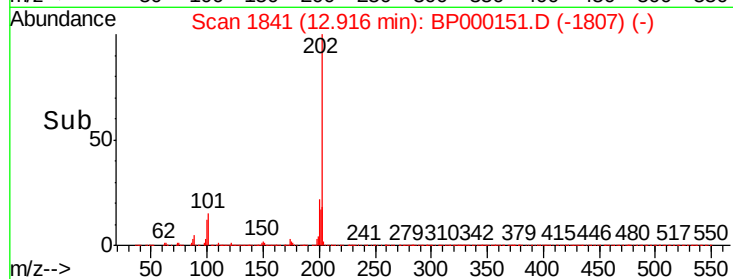
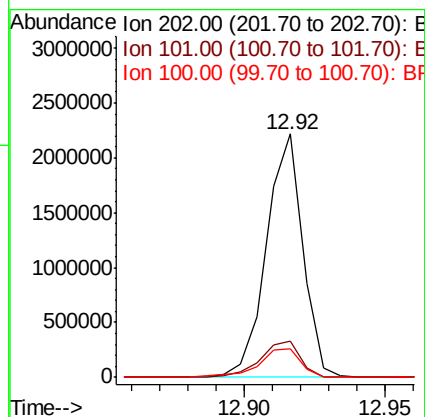
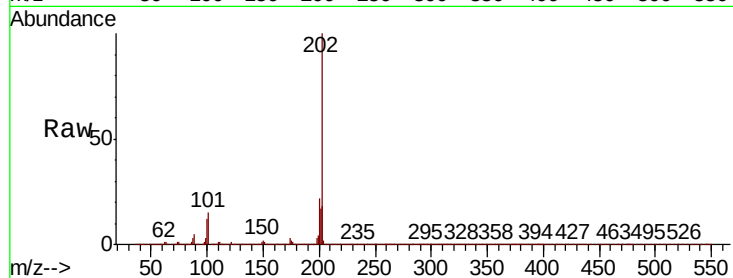
#80
Pvrene
Concen: 20.002 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000151.D
Acq: 09 Sep 2019 22:53

Instrument :
BNA_P
ClientSampleId :
F2D24

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	13.4	20.0
100	12.0	10.8	16.2

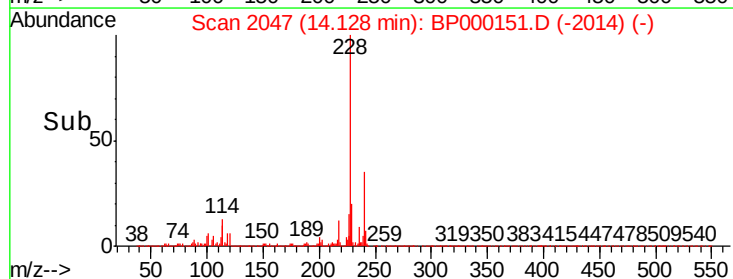
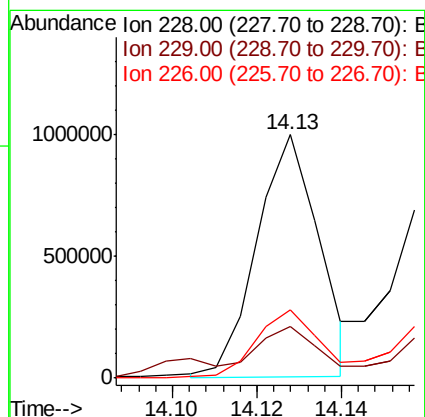
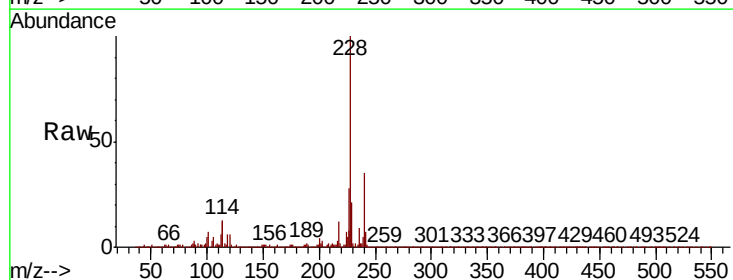
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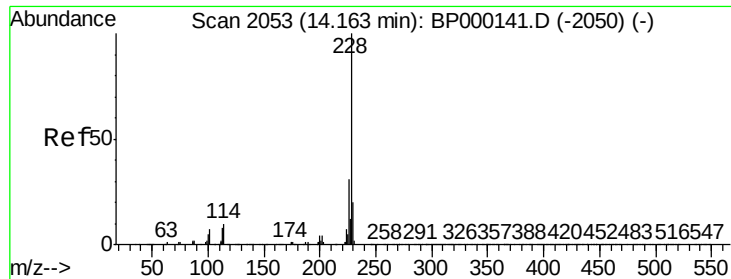
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#83
Benzo(a)anthracene
Concen: 10.742 ng/ul
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000151.D
Acq: 09 Sep 2019 22:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	28.2	22.1	33.1





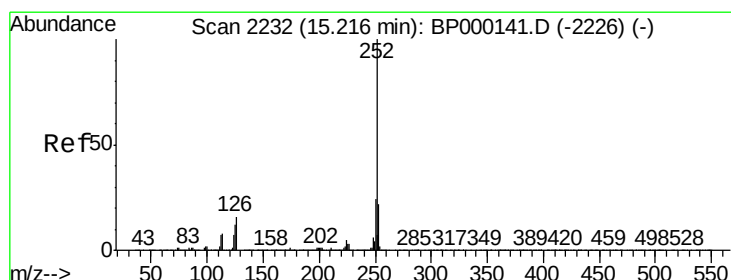
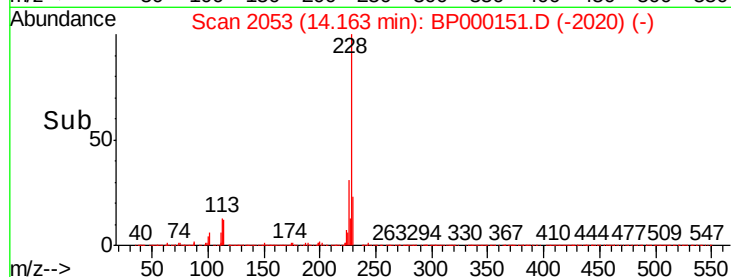
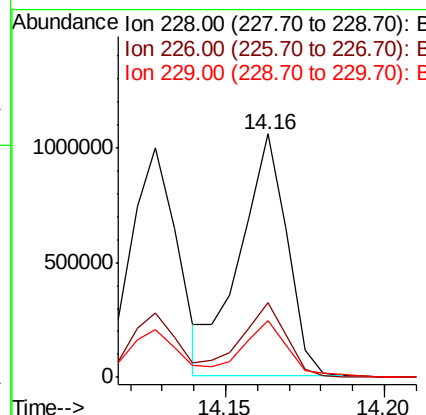
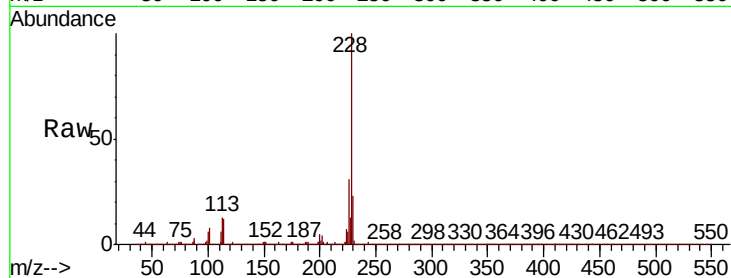
#85
Chrysene
Concen: 12.511 ng/ul
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP000151.D
Acq: 09 Sep 2019 22:53

Instrument :
BNA_P
Client Sampled :
F2D24

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	23.1	16.0	24.0

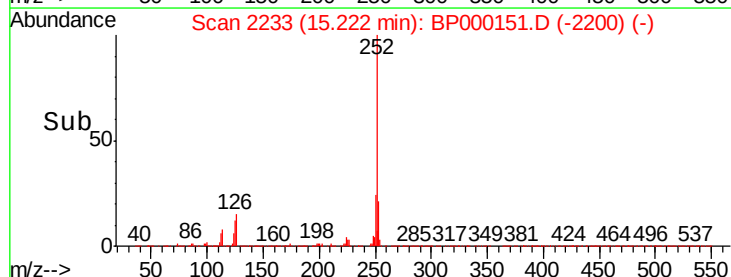
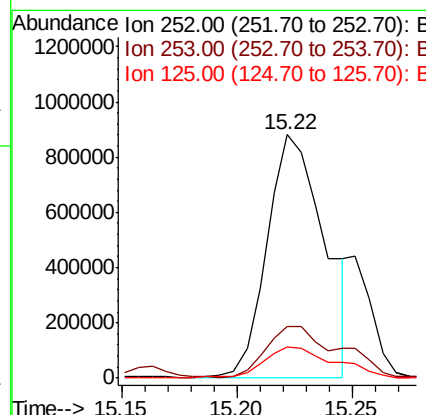
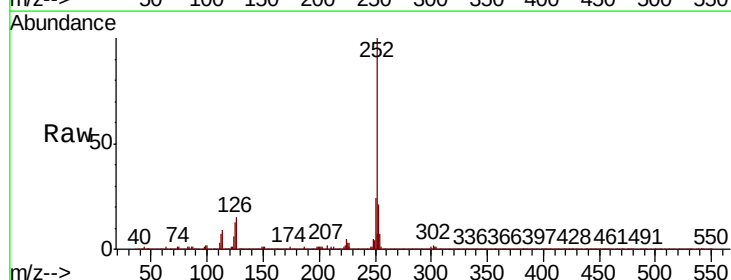
Manual Integrations
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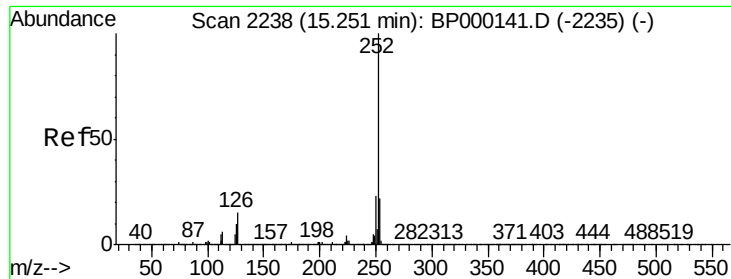
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#88
Benzo(b)fluoranthene
Concen: 17.273 ng/ul
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BP000151.D
Acq: 09 Sep 2019 22:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	12.5	9.9	14.9





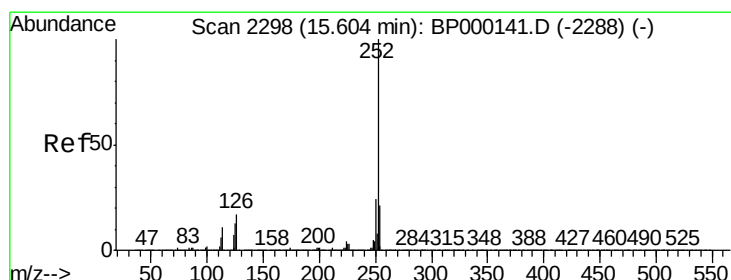
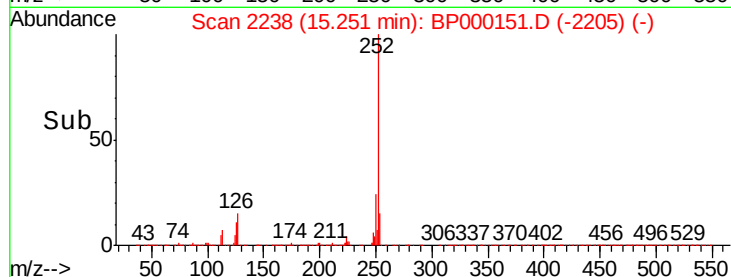
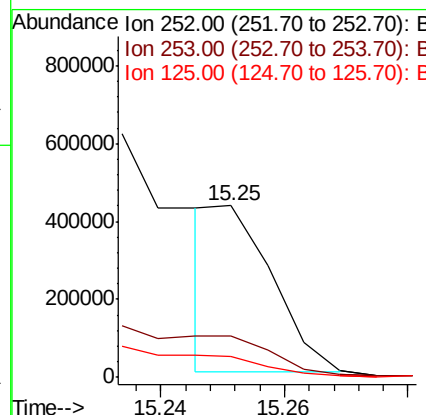
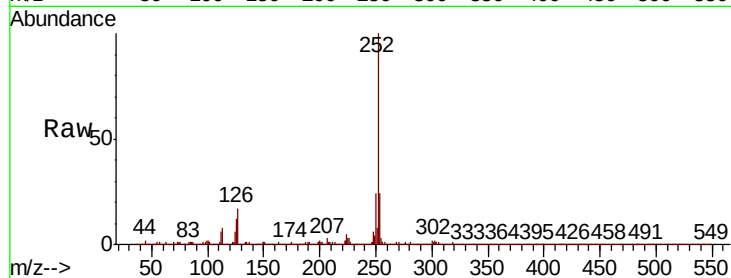
#89
Benzo(k)fluoranthene
Concen: 3.312 ng/ul m
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BP000151.D
Acq: 09 Sep 2019 22:53

Instrument :
BNA_P
ClientSampleId :
F2D24

Tot Ion:	252	Resp:	274998
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.0	27.0
125	12.1	10.2	15.2

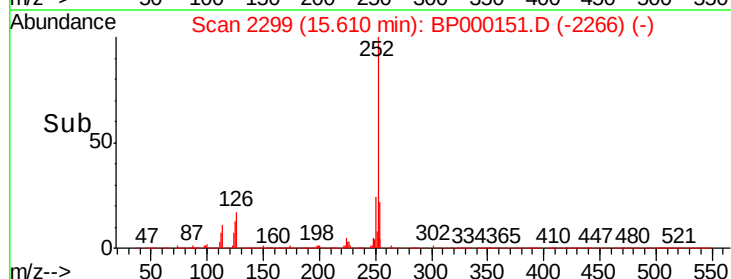
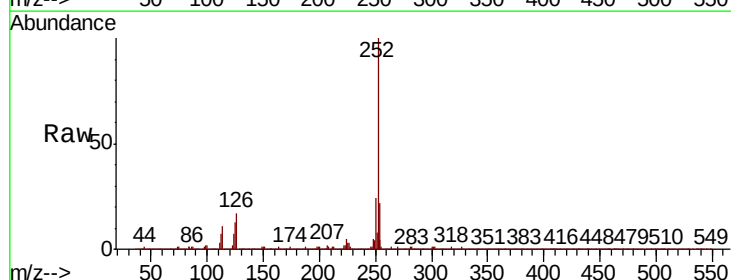
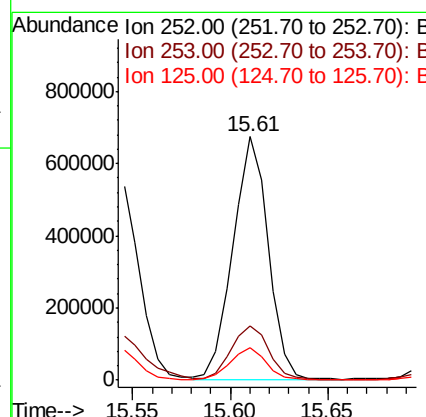
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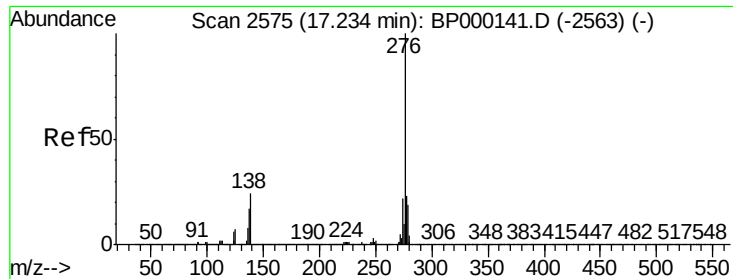
mohammad
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#91
Benzo(a)pyrene
Concen: 10.188 ng/ul
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BP000151.D
Acq: 09 Sep 2019 22:53

Tgt Ion:	252	Resp:	842011
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	13.2	10.2	15.2





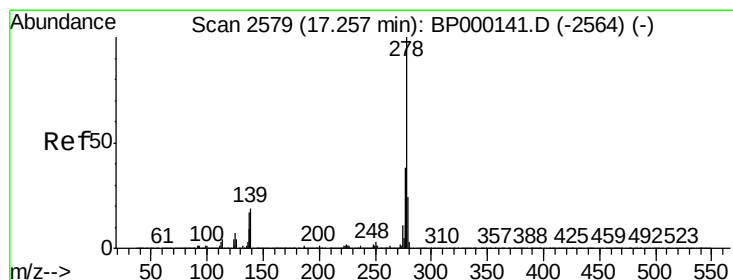
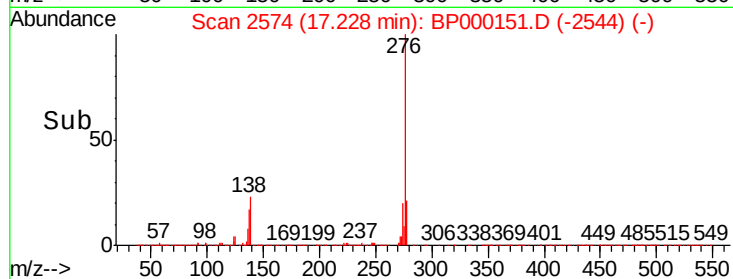
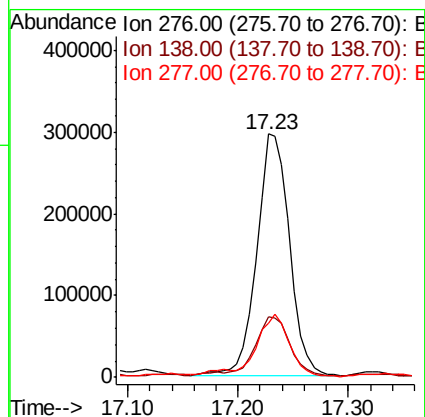
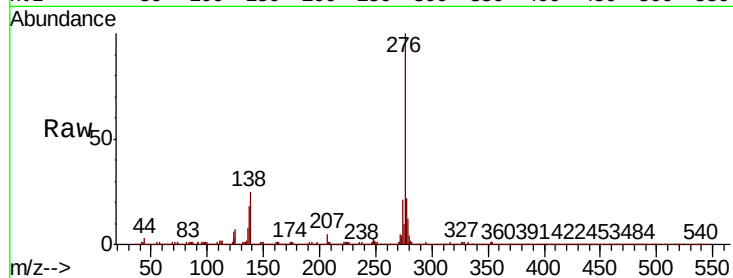
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 6.464 ng/ul
 RT: 17.23 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BP000151.D
 Acq: 09 Sep 2019 22:53

Instrument :
 BNA_P
 ClientSampleId :
 F2D24

Tot Ion:	276	Resp:	614592
Ion Ratio	Lower	Upper	
276	100		
138	24.9	20.0	30.0
277	22.1	19.4	29.0

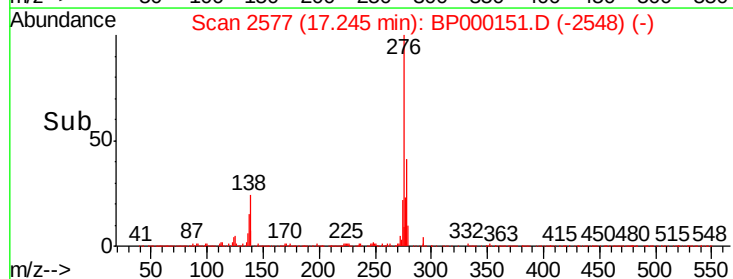
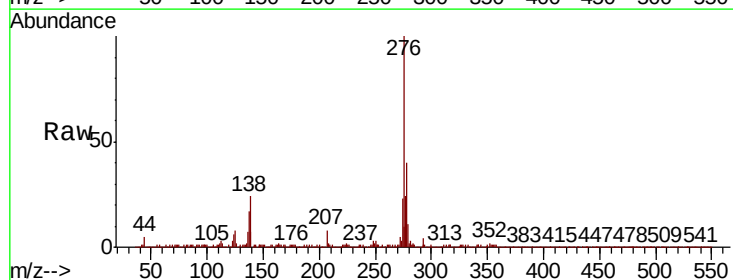
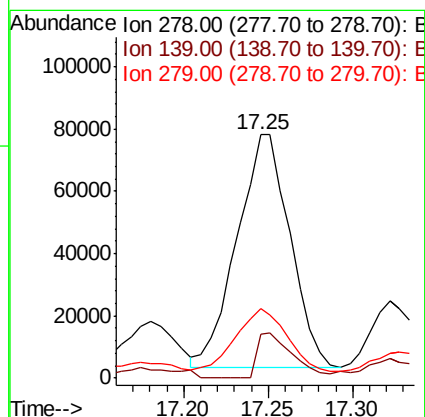
Manual Integrations
 APPROVED

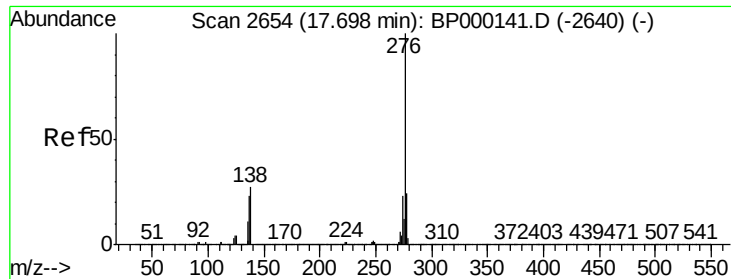
mohammad
 9/10/2019 2:52:40 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 2.077 ng/ul
 RT: 17.25 min Scan# 2577
 Delta R.T. -0.03 min
 Lab File: BP000151.D
 Acq: 09 Sep 2019 22:53

Tgt Ion:	278	Resp:	163536
Ion Ratio	Lower	Upper	
278	100		
139	17.9	15.1	22.7
279	28.4	19.2	28.8





#94

Benzo(a,h,i)perylene

Concen: 7.380 ng/ul

RT: 17.70 min Scan# 2654

Delta R.T. -0.02 min

Lab File: BP000151.D

Acq: 09 Sep 2019 22:53

Instrument :

BNA_P

ClientSampleId :

F2D24

Tot Ion:	276	Resp:	585102
Ion Ratio		Lower	Upper
276	100		
138	26.4	20.0	30.0
277	24.0	19.1	28.7

Manual Integrations
APPROVED

mohammad
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