

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000226.D
 Acq On : 12 Sep 2019 20:09
 Operator : HP/JU
 Sample : K4633-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D20

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:13:57 AM

Quant Time: Sep 13 06:01:29 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	6.90	152	329773	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1226952	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	679139	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1156818	20.00	ng/ul	0.00
78) Chrysene-d12	14.17	240	901407	20.00	ng/ul	0.03
86) Perylene-d12	15.76	264	665670	20.00	ng/ul	0.08

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.62	96	33272	3.58	ng/uL	0.01
5) Phenol-d5	6.52	99	610527	21.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	300908	20.49	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	499924	22.01	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	461407	21.87	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	234456	25.17	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	260848	28.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	482390	25.06	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	342879	14.40	ng/ul	0.00
44) Dimethylphthalate-d6	9.64	166	1223841	24.41	ng/ul	0.00
47) Acenaphthylene-d8	9.80	160	1491375	24.06	ng/ul	0.00
52) 4-Nitrophenol-d4	10.05	143	204204	22.79	ng/ul	0.01
58) Fluorene-d10	10.48	176	1008329	23.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	100313	18.87	ng/ul	0.02
71) Anthracene-d10	11.52	188	1444843	25.79	ng/ul	0.00
79) Pyrene-d10	12.92	212	1400143	26.12	ng/ul	0.02
90) Benzo(a)pyrene-d12	15.66	264	928486	26.91	ng/ul	0.08

Target Compounds

					Ovalue	
6) Phenol	6.53	94	114630	3.916	ng/ul	98
45) Dimethylphthalate	9.66	163	342508	6.768	ng/ul	99
50) Acenaphthene	9.99	153	111251	2.480	ng/ul	95
54) Dibenzofuran	10.16	168	62587	1.017	ng/ul	98
59) Fluorene	10.50	166	73295	1.539	ng/ul	98
70) Phenanthrene	11.49	178	1570306	22.954	ng/ul	99
72) Anthracene	11.54	178	308214	4.579	ng/ul	99
75) Carbazole	11.69	167	308414	5.359	ng/ul	98
77) Fluoranthene	12.70	202	3703100	53.668	ng/ul	98
80) Pyrene	12.94	202	2924693	43.006	ng/ul	94
83) Benzo(a)anthracene	14.16	228	1414572	21.679	ng/ul	95
85) Chrysene	14.20	228	2056746	34.350	ng/ul	97
88) Benzo(b)fluoranthene	15.30	252	1188931m	26.948	ng/ul	
89) Benzo(k)fluoranthene	15.31	252	1097012m	26.378	ng/ul	
91) Benzo(a)pyrene	15.69	252	1183322	28.586	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	17.40	276	708125m	14.870	ng/ul	
93) Dibenzo(a,h)anthracene	17.39	278	175813	4.457	ng/ul#	92
94) Benzo(g,h,i)perylene	17.88	276	570778m	14.375	ng/ul	

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

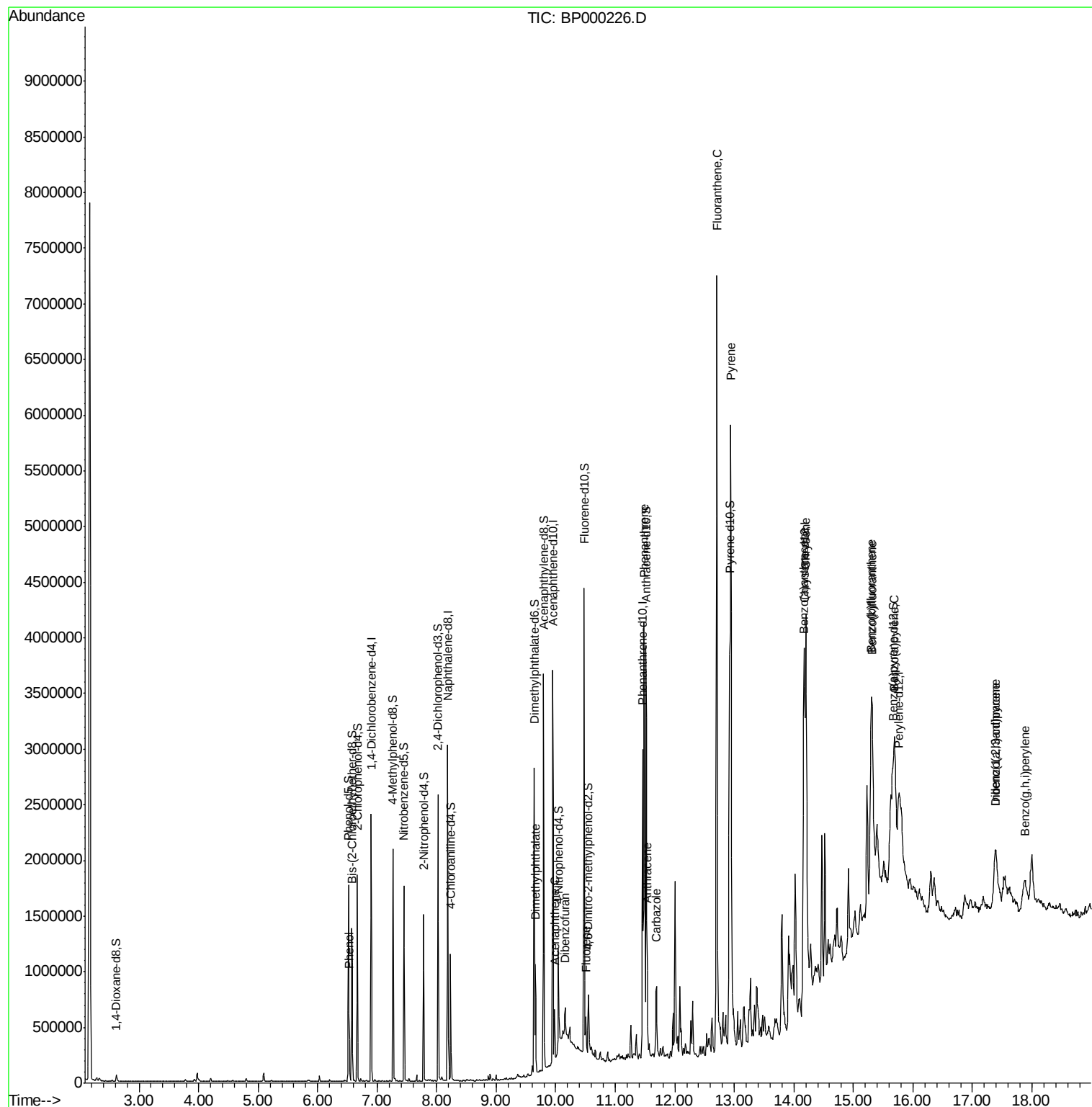
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000226.D
Acq On : 12 Sep 2019 20:09
Operator : HP/JU
Sample : K4633-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

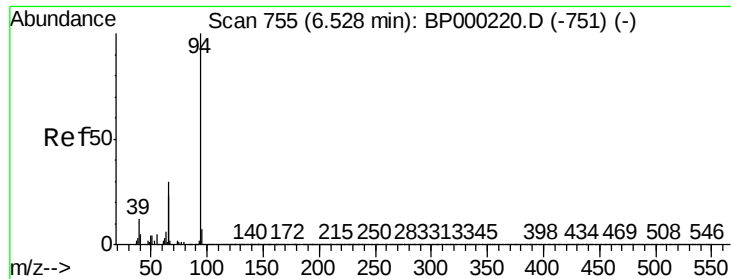
Instrument :
BNA_P
ClientSampled :
F2D20

Manual Integrations
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Quant Time: Sep 13 06:01:29 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: 3.916 ng/ul

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BP000226.D

Acq: 12 Sep 2019 20:09

Instrument :

BNA_P

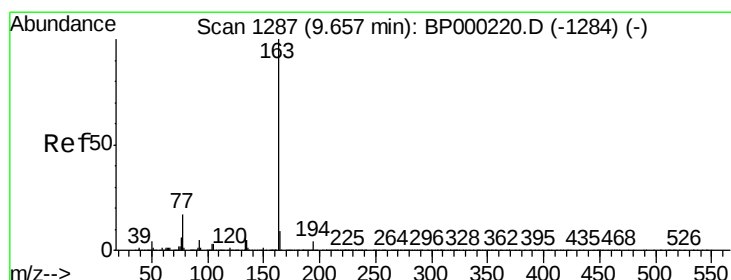
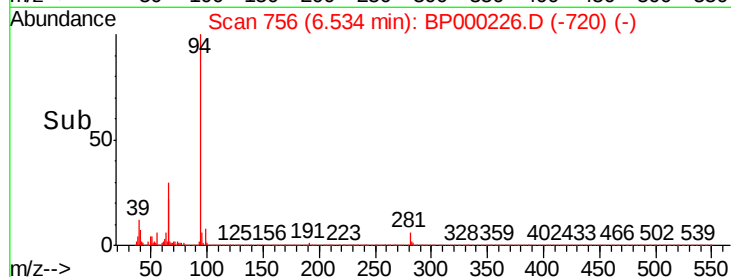
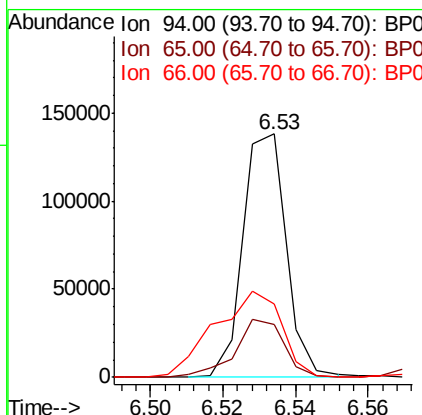
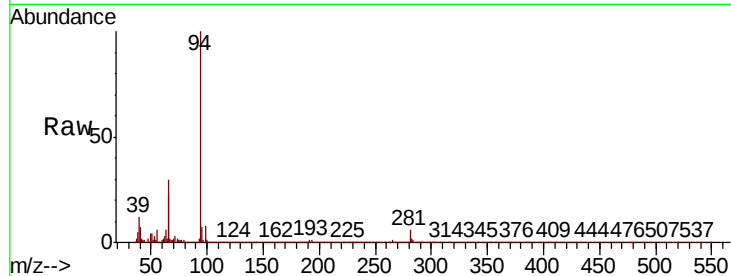
ClientSampleId :

F2D20

Tot Ion:	94	Resp:	114630
Ion Ratio	Lower	Upper	
94	100		
65	21.6	18.8	28.2
66	30.1	24.2	36.2

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#45

Dimethylphthalate

Concen: 6.768 ng/ul

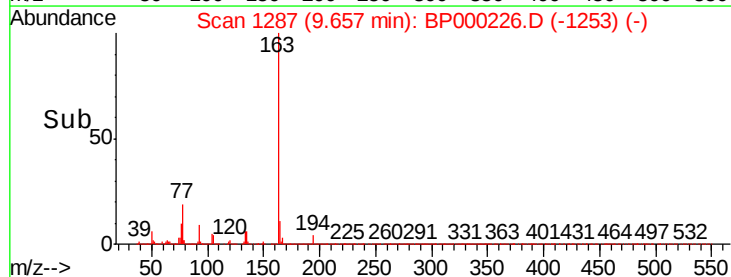
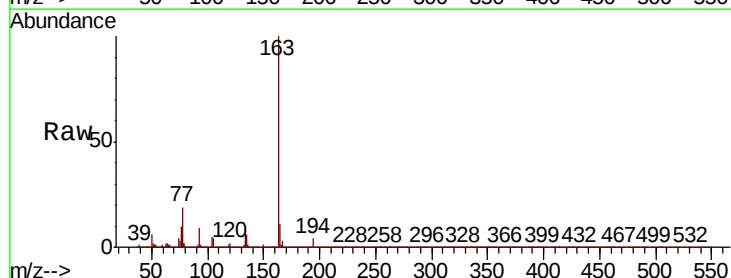
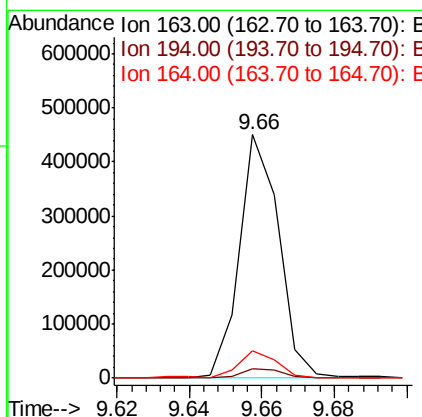
RT: 9.66 min Scan# 1287

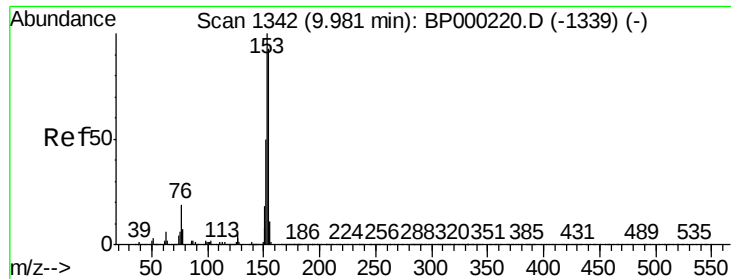
Delta R.T. 0.00 min

Lab File: BP000226.D

Acq: 12 Sep 2019 20:09

Tgt Ion:	163	Resp:	342508
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.2	4.8
164	11.0	8.4	12.6





#50

Acenaphthene

Concen: 2.480 ng/ul

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BP000226.D

Acq: 12 Sep 2019 20:09

Instrument :

BNA_P

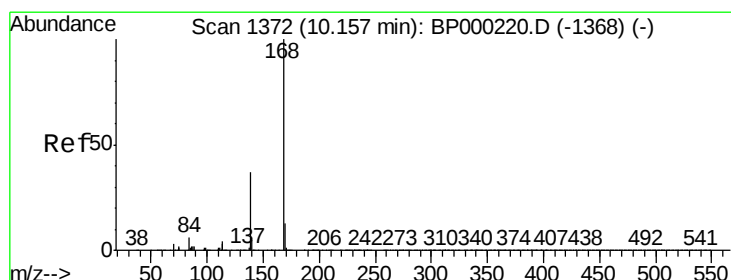
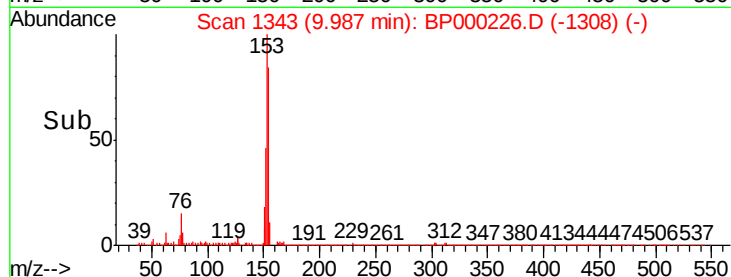
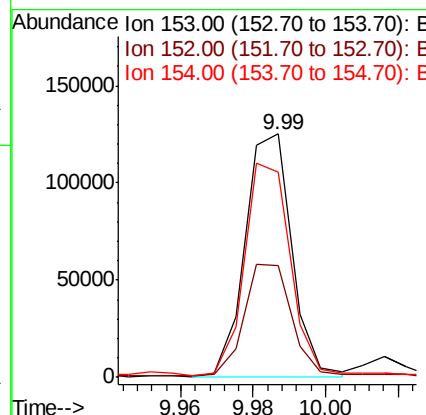
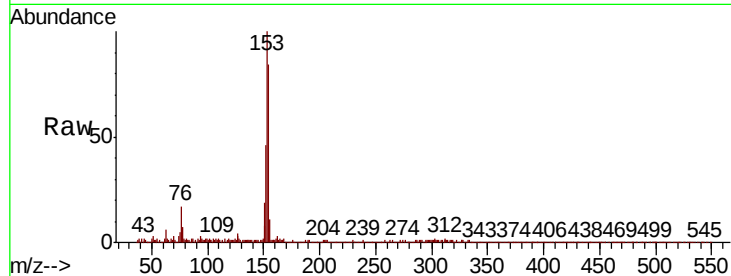
ClientSampleId :

F2D20

Tot Ion:	153	Resp:	111251
Ion Ratio	Lower	Upper	
153	100		
152	46.0	38.0	57.0
154	84.1	72.6	108.8

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#54

Dibenzofuran

Concen: 1.017 ng/ul

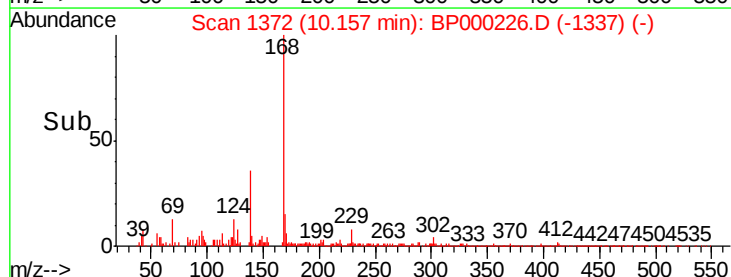
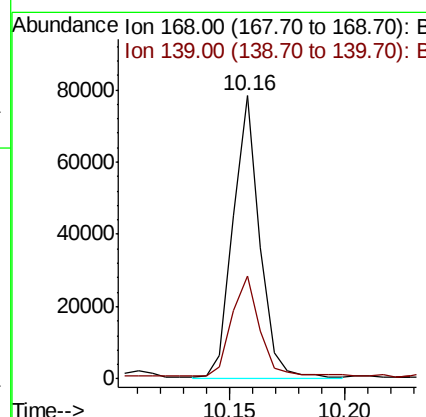
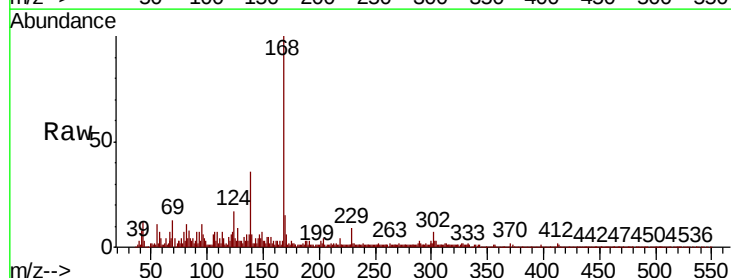
RT: 10.16 min Scan# 1372

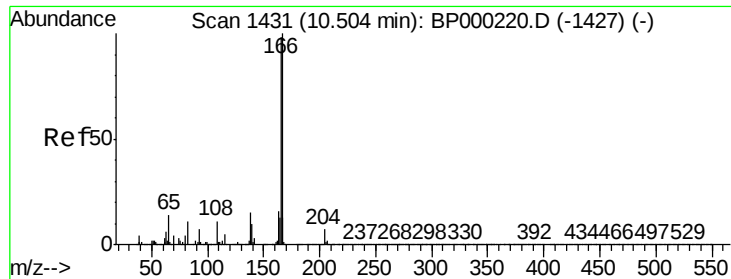
Delta R.T. 0.01 min

Lab File: BP000226.D

Acq: 12 Sep 2019 20:09

Tgt Ion:	168	Resp:	62587
Ion Ratio	Lower	Upper	
168	100		
139	36.4	30.0	45.0





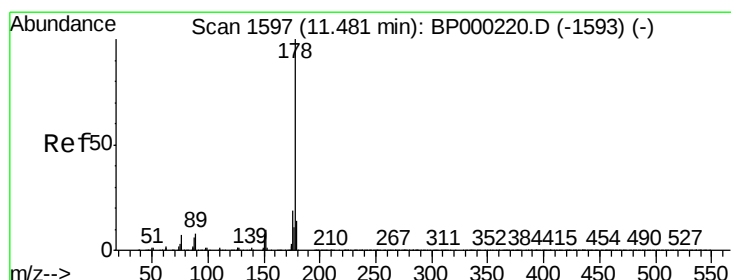
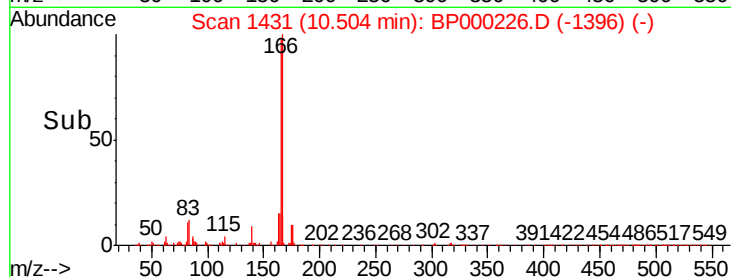
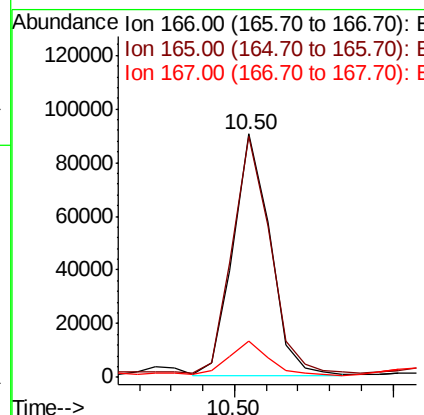
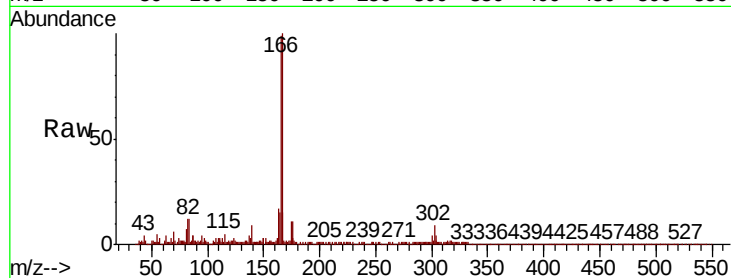
#59
Fluorene
Concen: 1.539 ng/ul
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Instrument :
BNA_P
ClientSampleId :
F2D20

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.8
167	14.7	10.9	16.3

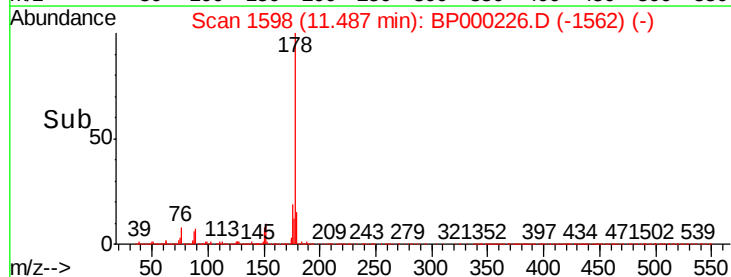
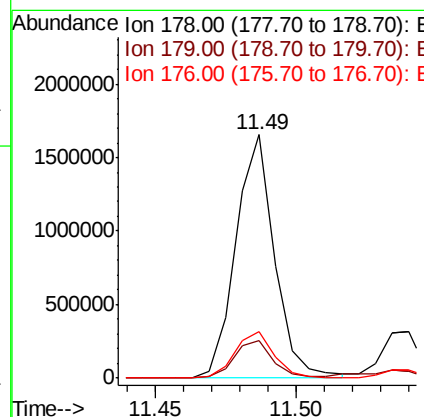
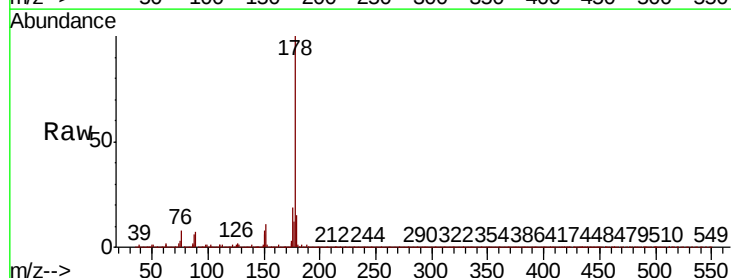
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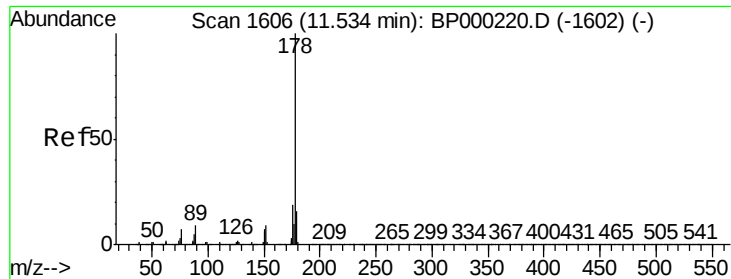
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#70
Phenanthrene
Concen: 22.954 ng/ul
RT: 11.49 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.1	15.7	23.5





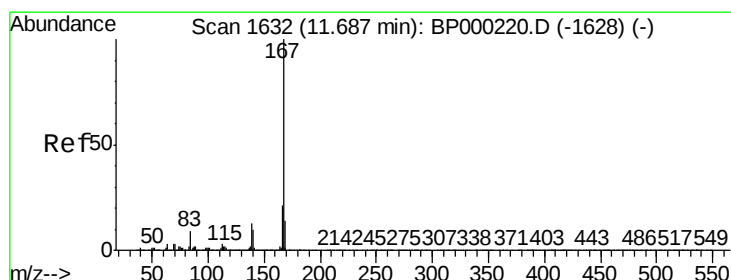
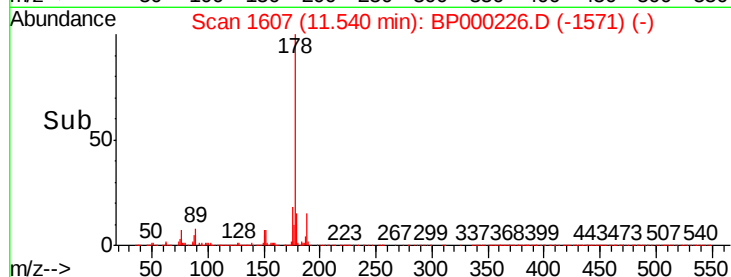
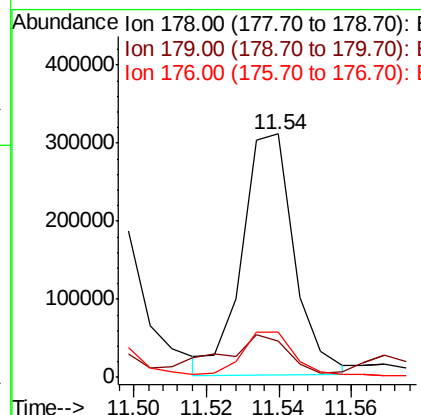
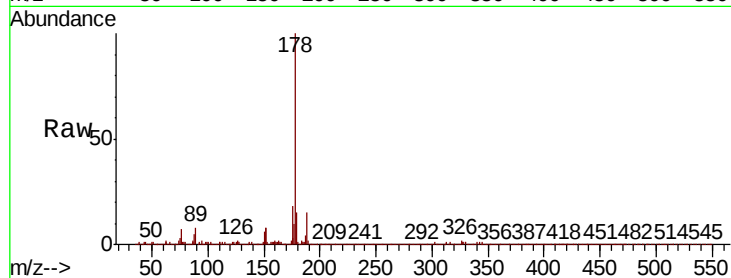
#72
 Anthracene
 Concen: 4.579 ng/ul
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BP000226.D
 Acq: 12 Sep 2019 20:09

Instrument :
 BNA_P
 ClientSampleId :
 F2D20

Tot Ion:178	Resp:	308214
Ion Ratio	Lower	Upper
178 100		
179 14.9	12.3	18.5
176 18.4	15.1	22.7

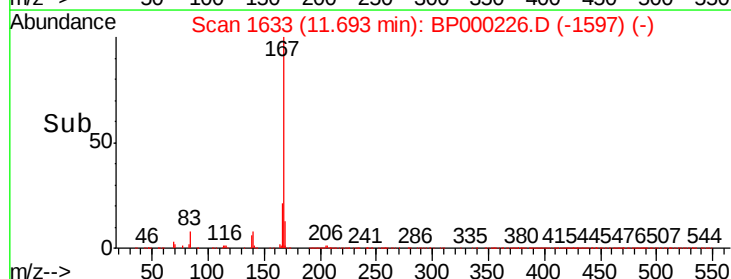
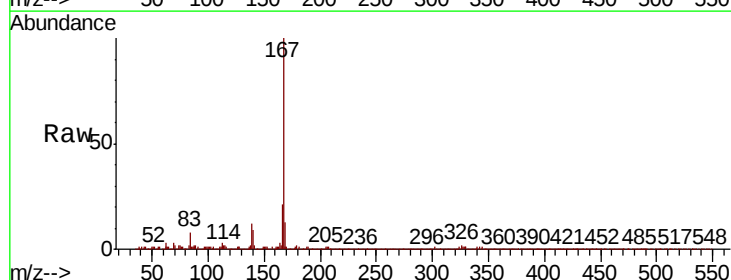
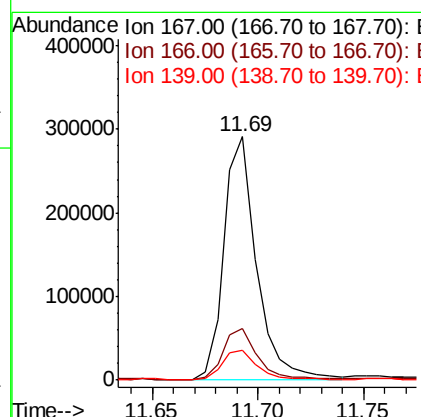
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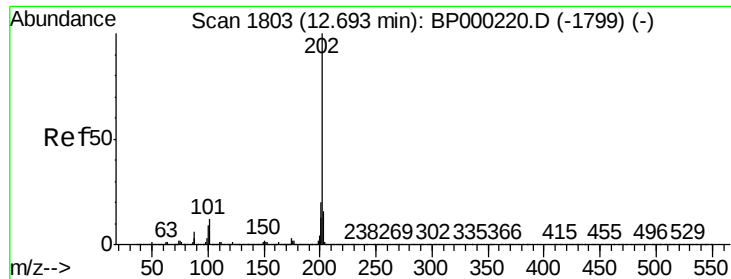
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#75
 Carbazole
 Concen: 5.359 ng/ul
 RT: 11.69 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BP000226.D
 Acq: 12 Sep 2019 20:09

Tgt Ion:167	Resp:	308414
Ion Ratio	Lower	Upper
167 100		
166 21.0	17.3	25.9
139 12.5	10.6	15.8





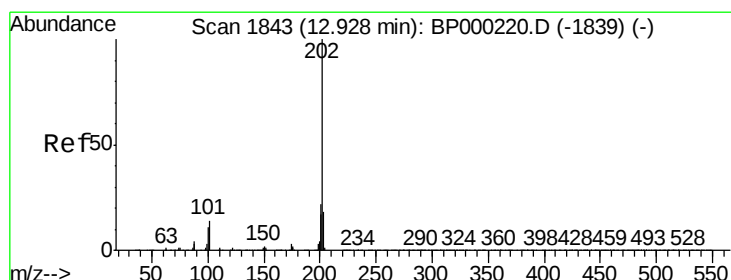
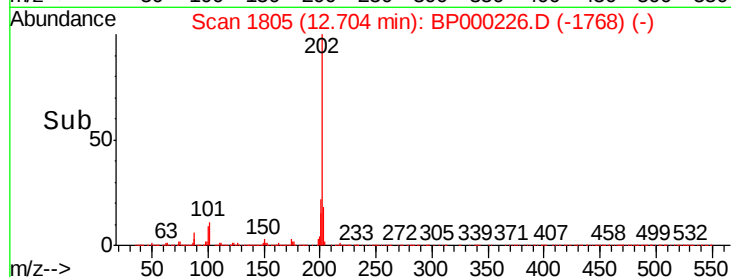
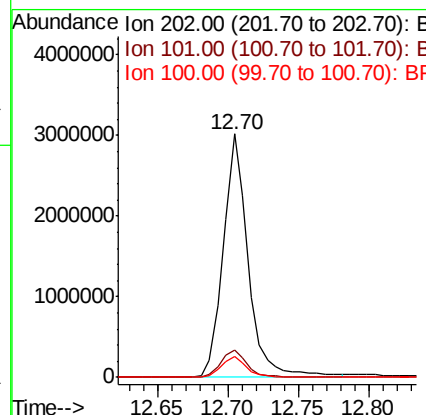
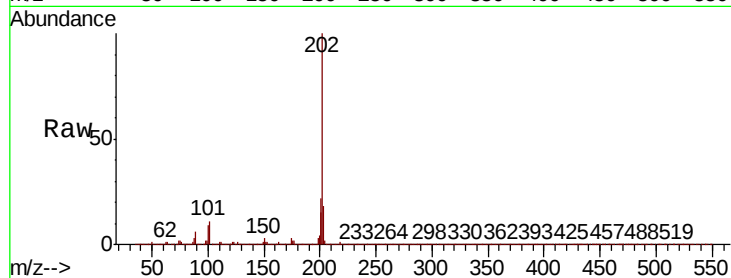
#77
Fluoranthene
Concen: 53.668 ng/ul
RT: 12.70 min Scan# 1805
Delta R.T. 0.02 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Instrument :
BNA_P
ClientSampleId :
F2D20

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.0	15.0
100	8.6	7.4	11.2

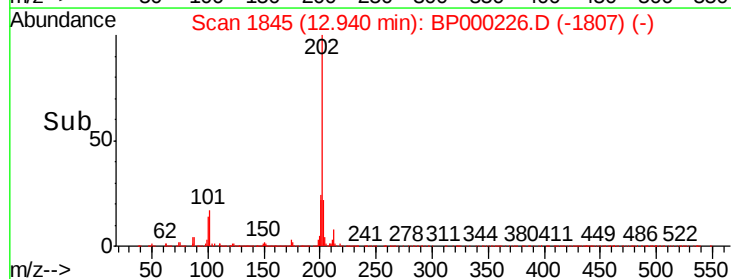
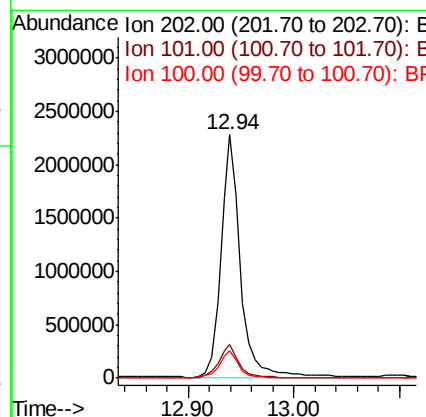
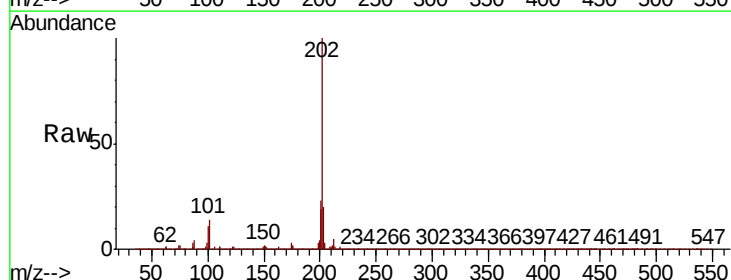
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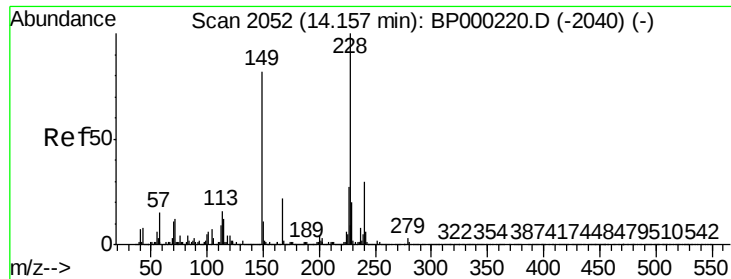
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#80
Pyrene
Concen: 43.006 ng/ul
RT: 12.94 min Scan# 1845
Delta R.T. 0.02 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	13.4	20.0
100	11.1	10.8	16.2





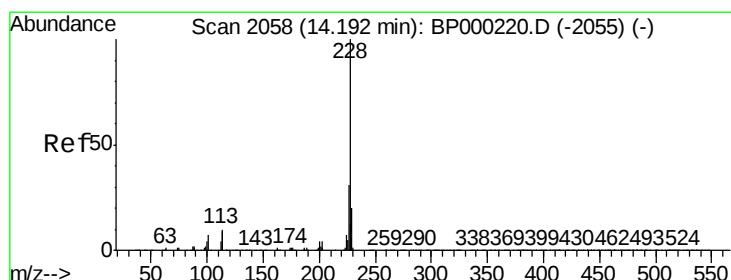
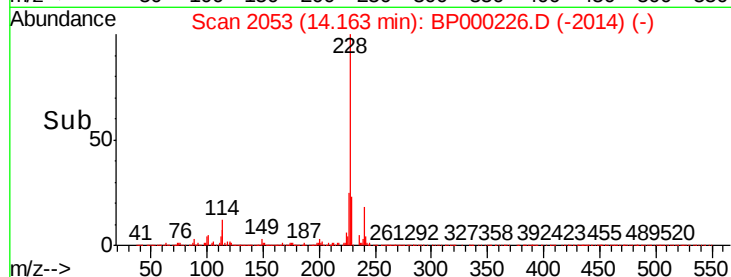
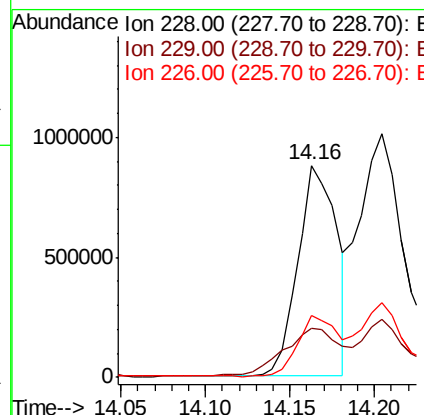
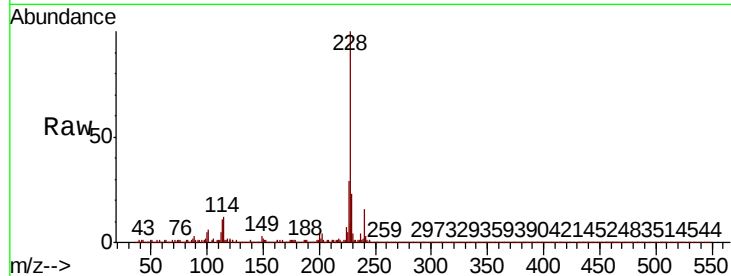
#83
Benzo(a)anthracene
Concen: 21.679 ng/ul
RT: 14.16 min Scan# 2053
Delta R.T. 0.03 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Instrument :
BNA_P
ClientSampleId :
F2D20

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.9	23.9
226	29.3	22.1	33.1

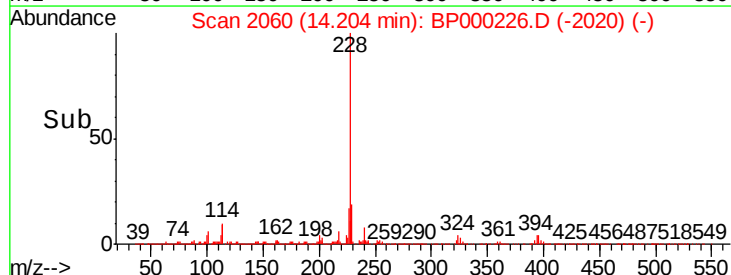
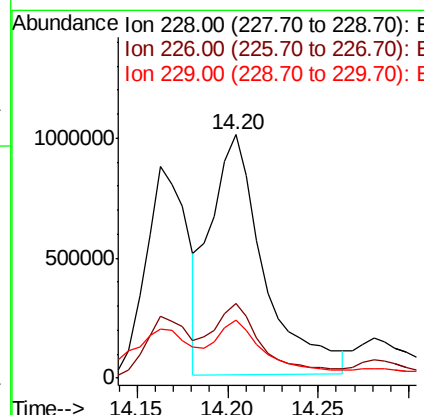
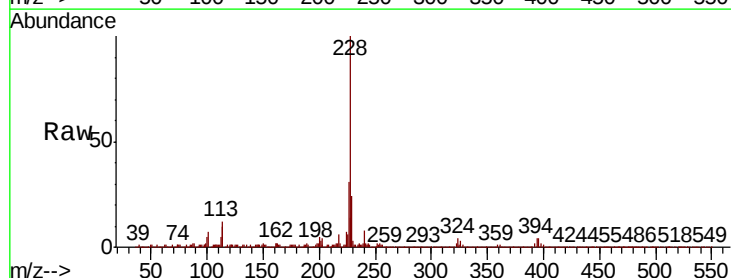
Manual Integrations
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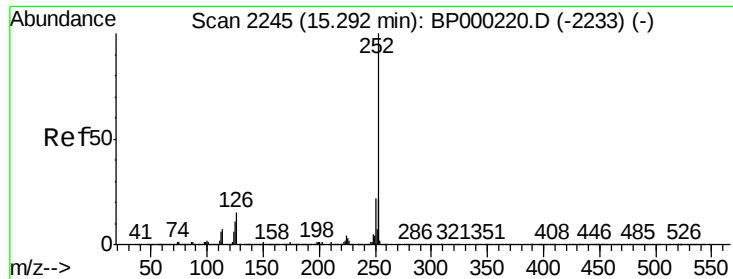
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#85
Chrysene
Concen: 34.350 ng/ul
RT: 14.20 min Scan# 2060
Delta R.T. 0.04 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	23.8	16.0	24.0





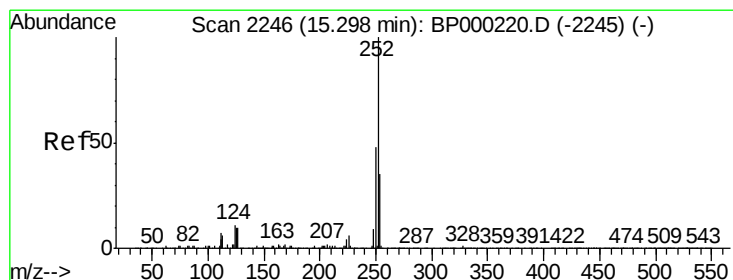
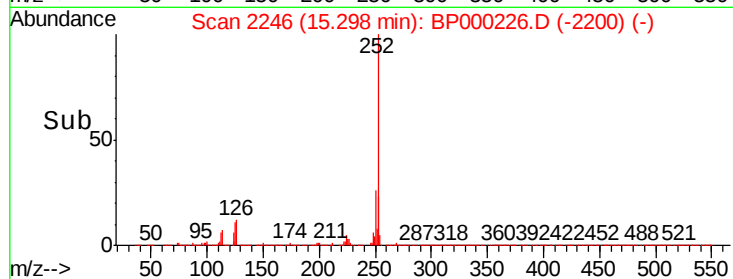
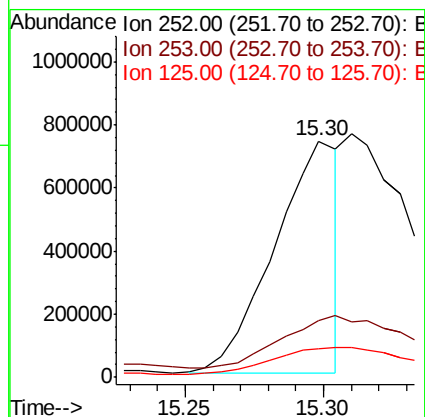
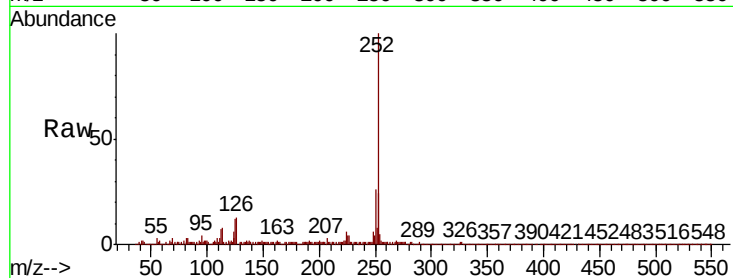
#88
Benzo(b)fluoranthene
Concen: 26.948 ng/ul m
RT: 15.30 min Scan# 2246
Delta R.T. 0.07 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Instrument :
BNA_P
ClientSampleId :
F2D20

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	12.2	9.9	14.9

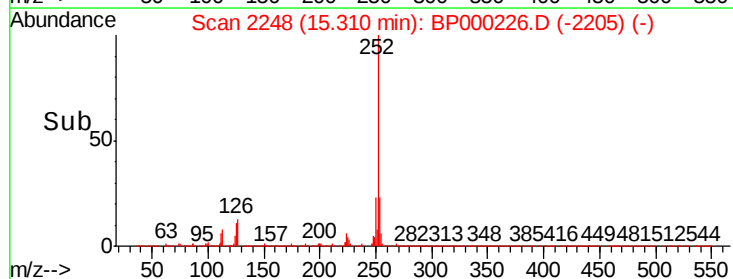
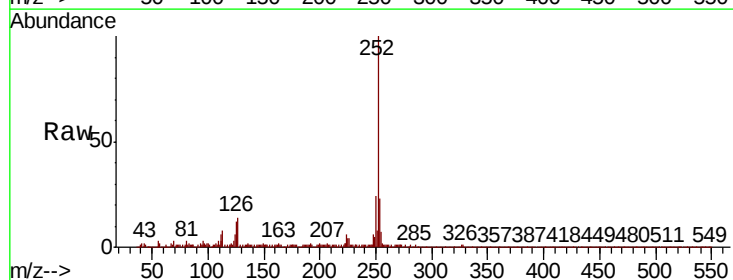
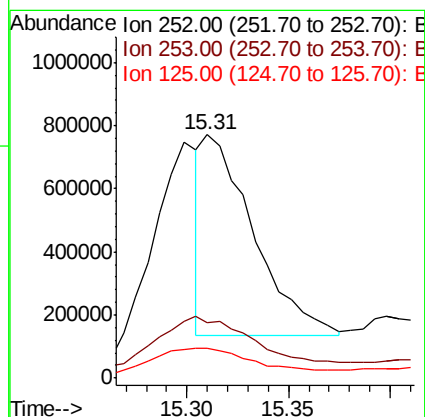
Manual Integrations
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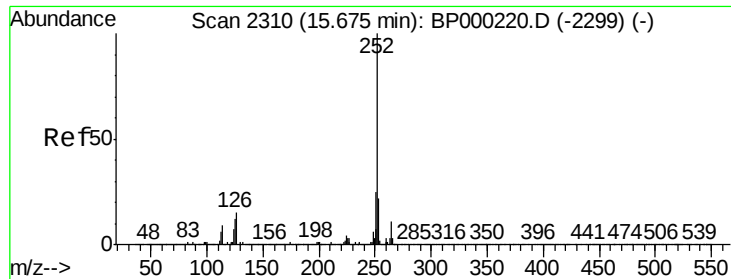
mohammad
9/16/2019 9:13:57 AM



#89
Benzo(k)fluoranthene
Concen: 26.378 ng/ul m
RT: 15.31 min Scan# 2248
Delta R.T. 0.05 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.1	10.2	15.2





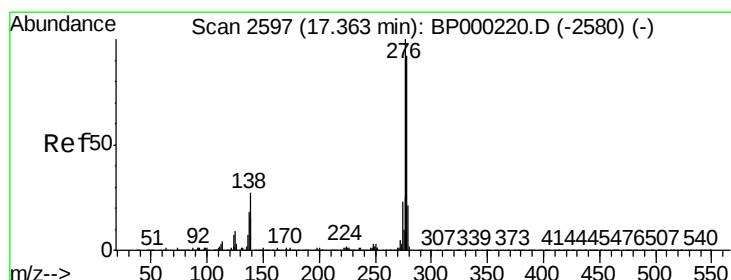
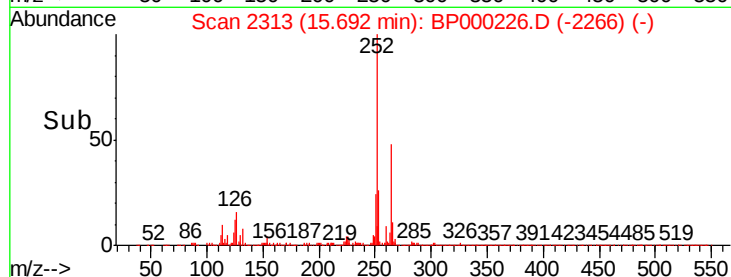
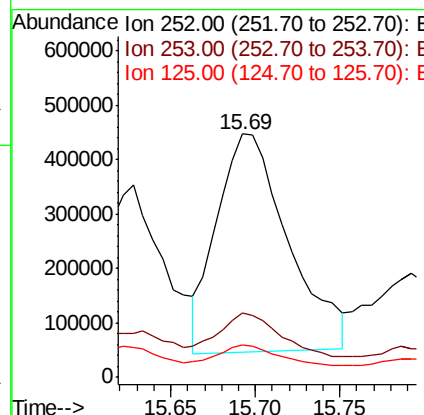
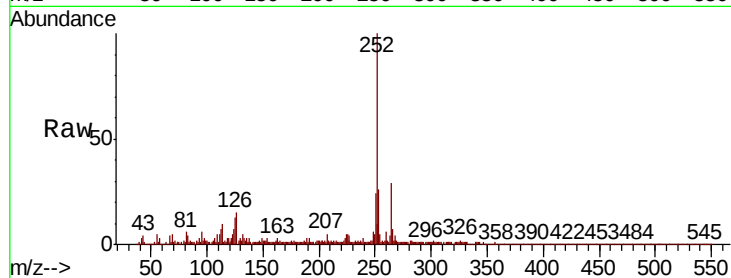
#91
Benzo(a)pyrene
Concen: 28.586 ng/ul
RT: 15.69 min Scan# 2313
Delta R.T. 0.08 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Instrument :
BNA_P
ClientSampleId :
F2D20

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.5	26.3#
125	13.1	10.2	15.2

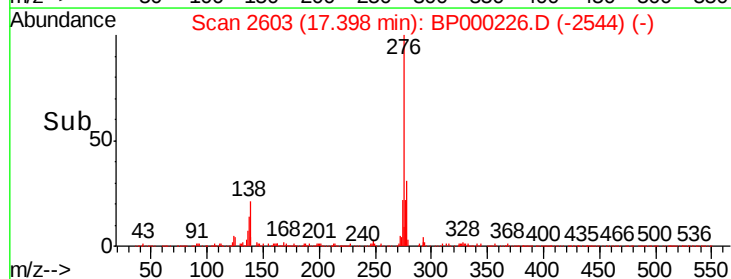
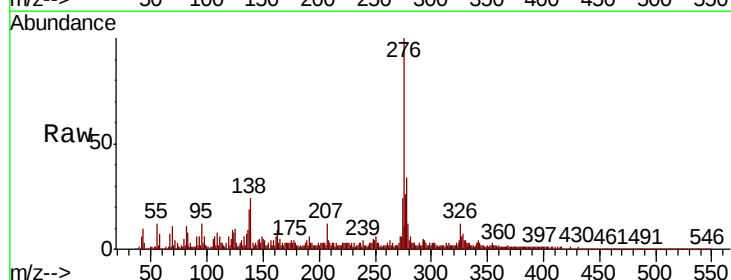
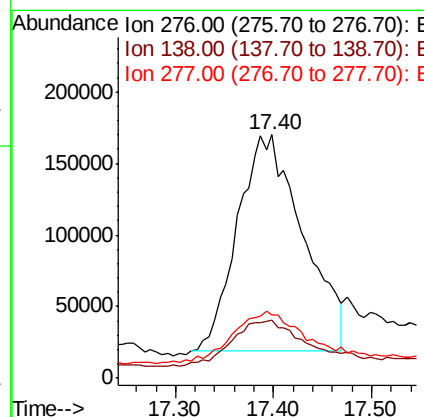
Manual Integrations
APPROVED

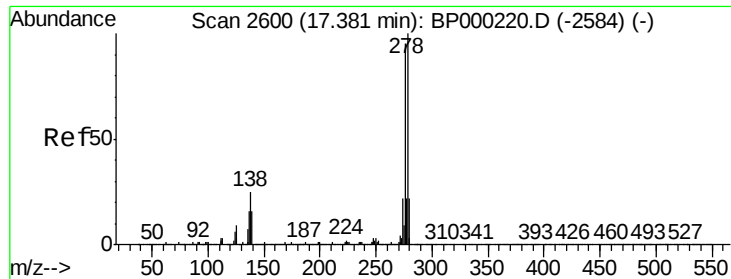
mohammad
9/16/2019 9:13:57 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 14.870 ng/ul m
RT: 17.40 min Scan# 2603
Delta R.T. 0.15 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.0	30.0
277	25.9	19.4	29.0





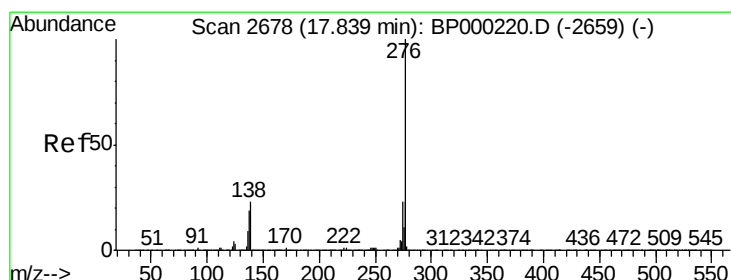
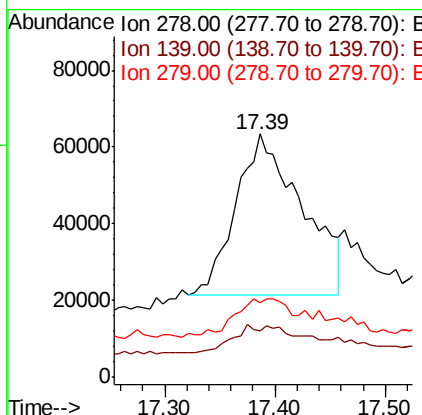
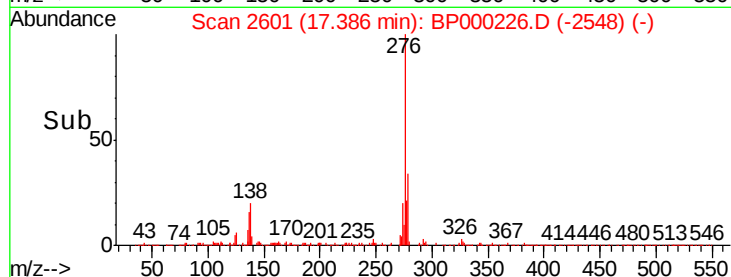
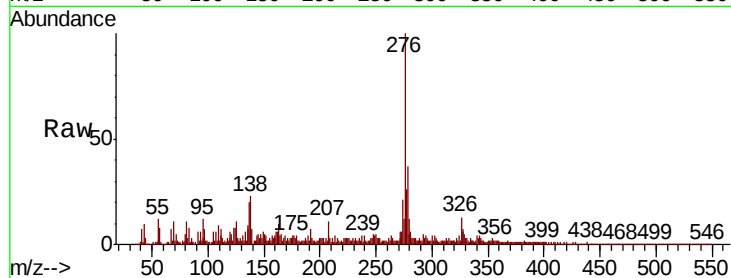
#93
Dibenzo(a,h)anthracene
Concen: 4.457 ng/ul
RT: 17.39 min Scan# 2601
Delta R.T. 0.11 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Instrument :
BNA_P
ClientSampleId :
F2D20

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.1	22.7
279	30.9	19.2	28.8

Manual Integrations
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mohammad
9/16/2019 9:13:57 AM



#94
Benzo(g,h,i)perylene
Concen: 14.375 ng/ul m
RT: 17.88 min Scan# 2685
Delta R.T. 0.16 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.0	30.0
277	24.8	19.1	28.7

