

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091219\
 Data File : BP000227.D
 Acq On : 12 Sep 2019 20:34
 Operator : HP/JU
 Sample : K4633-12 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D11

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:14:03 AM

Quant Time: Sep 13 06:06:30 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	246997	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	950858	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	528158	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	891650	20.00	ng/ul	0.00
78) Chrysene-d12	14.18	240	645869	20.00	ng/ul	0.04
86) Perylene-d12	15.77	264	673211	20.00	ng/ul	0.09

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.63	96	3037m	0.44	ng/uL	0.02
5) Phenol-d5	6.52	99	49480	2.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	29239	2.66	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	43164	2.54	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	29956	1.90	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	19827	2.75	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	20512	2.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	37074	2.49	ng/ul	0.00
29) 4-Chloroaniline-d4	8.24	131	18765	1.02	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	114779	2.94	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	139196	2.89	ng/ul	0.00
52) 4-Nitrophenol-d4	10.05	143	6945	1.00	ng/ul	0.01
58) Fluorene-d10	10.47	176	94732	2.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	4513	1.10	ng/ul	0.02
71) Anthracene-d10	11.52	188	133560	3.09	ng/ul	0.00
79) Pyrene-d10	12.92	212	122525	3.19	ng/ul	0.02
90) Benzo(a)pyrene-d12	15.67	264	91292	2.62	ng/ul	0.08

Target Compounds

					Ovalue	
50) Acenaphthene	9.99	153	60575	1.736	ng/ul	97
70) Phenanthrene	11.48	178	884186	16.768	ng/ul	98
72) Anthracene	11.53	178	194875	3.756	ng/ul	99
75) Carbazole	11.69	167	88569	1.996	ng/ul	99
77) Fluoranthene	12.70	202	1703270	32.026	ng/ul	97
80) Pyrene	12.94	202	2393369	49.117	ng/ul	93
83) Benzo(a)anthracene	14.17	228	1738317	37.181	ng/ul#	89
85) Chrysene	14.21	228	2489319	58.024	ng/ul#	89
88) Benzo(b)fluoranthene	15.32	252	781728m	17.520	ng/ul	
89) Benzo(k)fluoranthene	15.32	252	556037m	13.220	ng/ul	
91) Benzo(a)pyrene	15.71	252	1894398	45.252	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	17.42	276	430096m	8.930	ng/ul	
93) Dibenzo(a,h)anthracene	17.42	278	258580m	6.482	ng/ul	
94) Benzo(g,h,i)perylene	17.91	276	610671m	15.208	ng/ul	

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

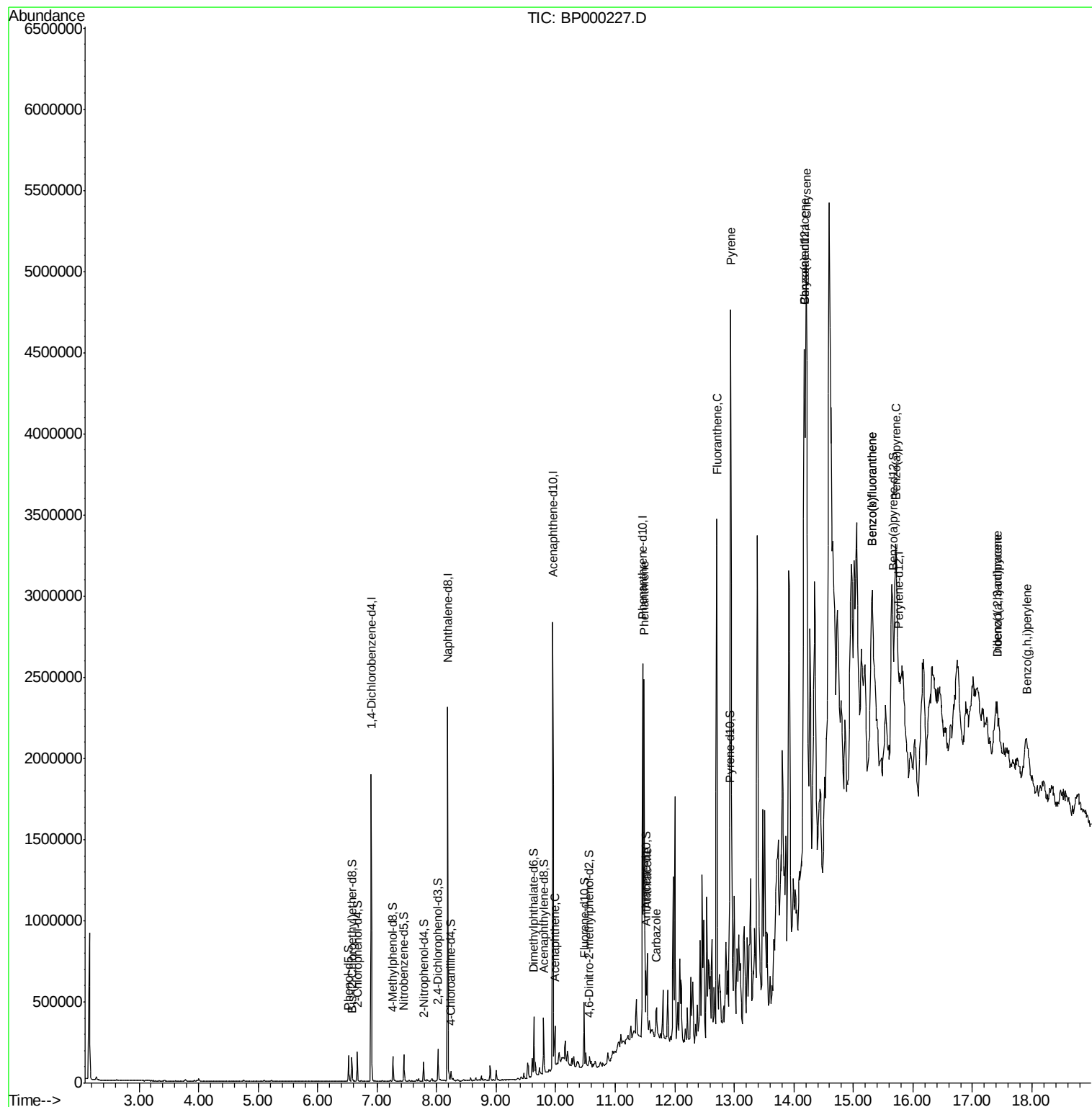
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000227.D
Acq On : 12 Sep 2019 20:34
Operator : HP/JU
Sample : K4633-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

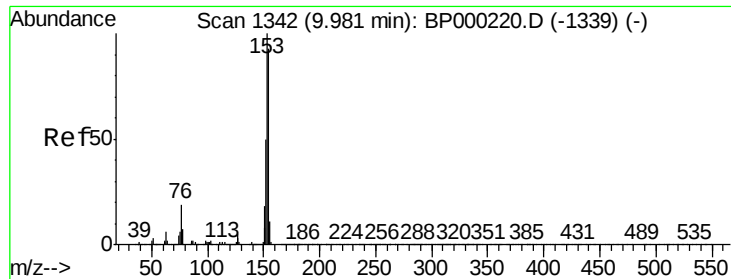
Instrument :
BNA_P
ClientSampleId :
F2D11

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Quant Time: Sep 13 06:06:30 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





#50

Acenaphthene

Concen: 1.736 ng/ul

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BP000227.D

Acq: 12 Sep 2019 20:34

Instrument :

BNA_P

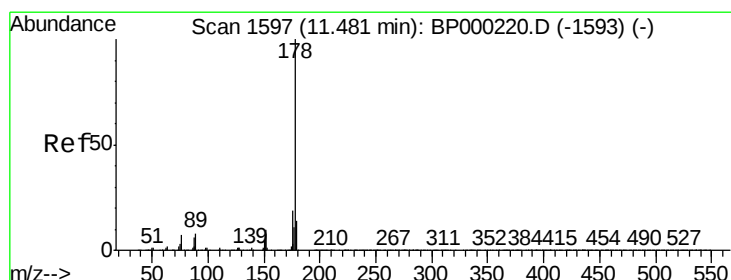
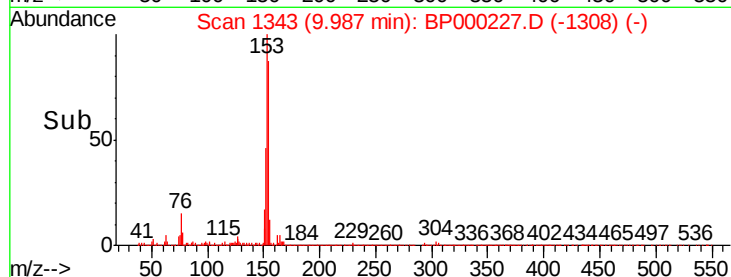
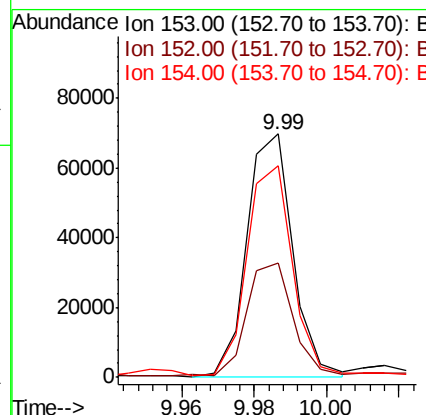
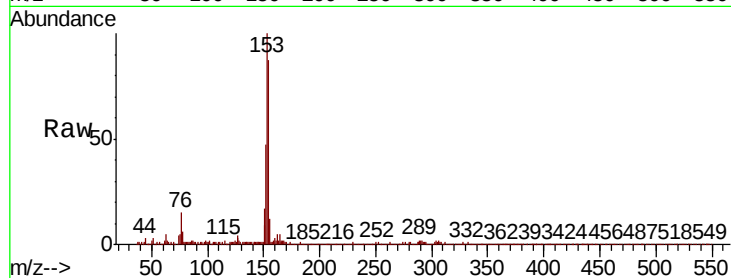
ClientSampleId :

F2D11

Tot Ion:	153	Resp:	60575
Ion Ratio	Lower	Upper	
153	100		
152	46.7	38.0	57.0
154	86.8	72.6	108.8

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#70

Phenanthrene

Concen: 16.768 ng/ul

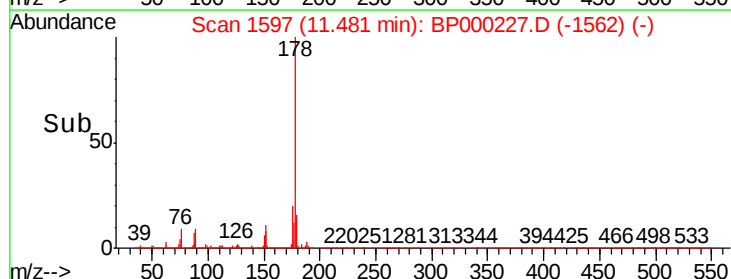
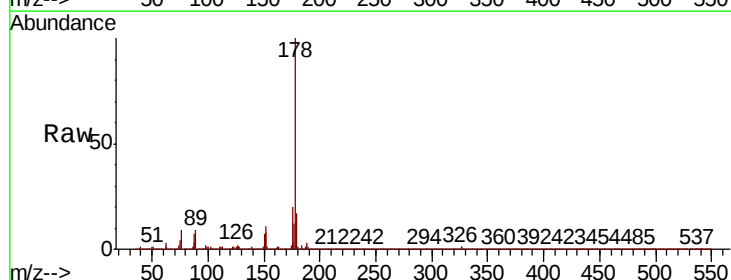
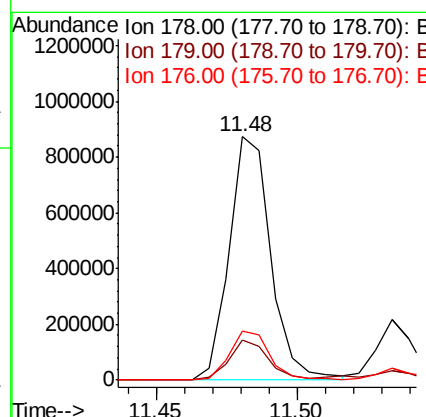
RT: 11.48 min Scan# 1597

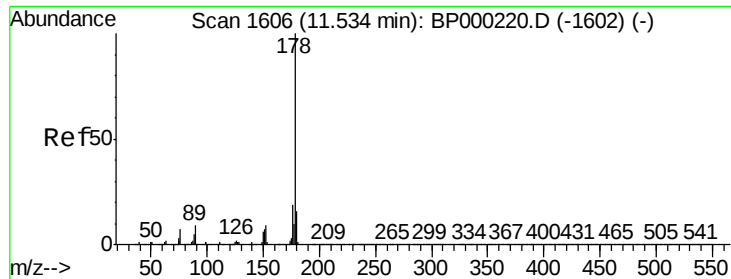
Delta R.T. 0.01 min

Lab File: BP000227.D

Acq: 12 Sep 2019 20:34

Tgt Ion:	178	Resp:	884186
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.5	18.7
176	20.1	15.7	23.5





#72

Anthracene

Concen: 3.756 ng/ul

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BP000227.D

Acq: 12 Sep 2019 20:34

Instrument :

BNA_P

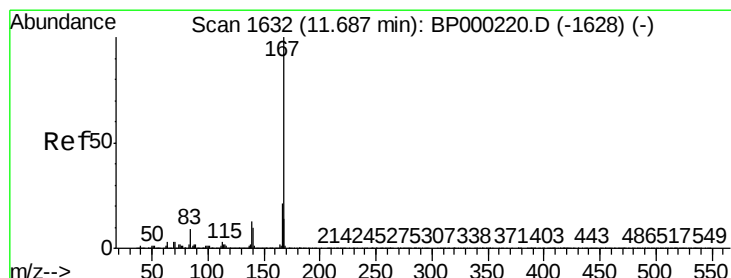
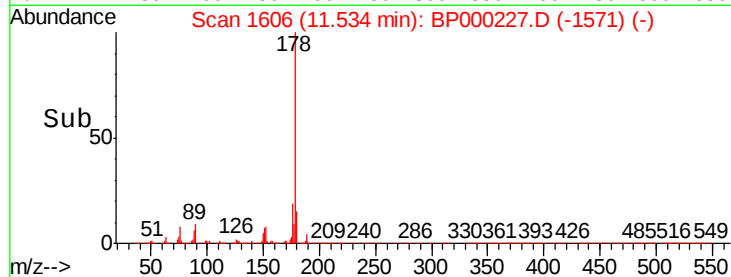
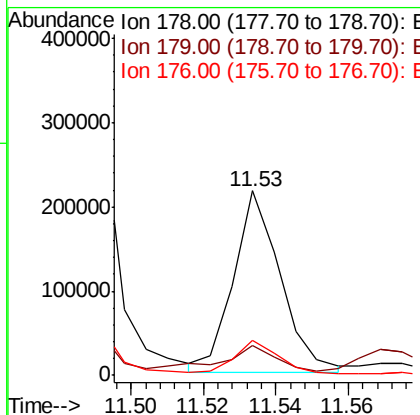
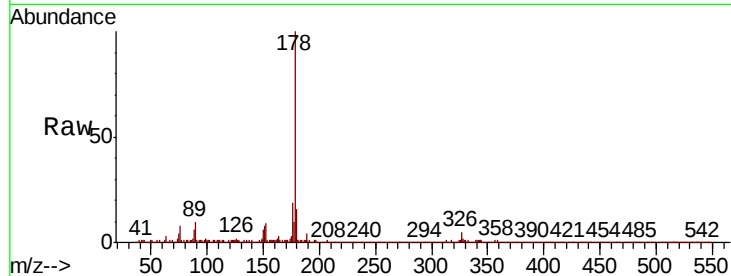
ClientSampleId :

F2D11

Tot Ion:	178	Resp:	194875
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.3	18.5
176	19.1	15.1	22.7

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#75

Carbazole

Concen: 1.996 ng/ul

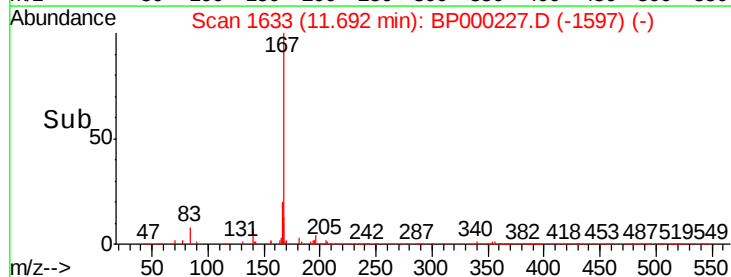
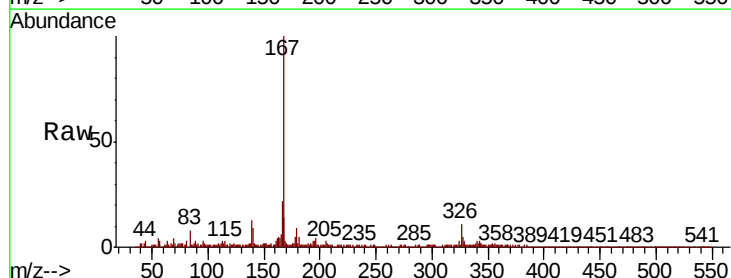
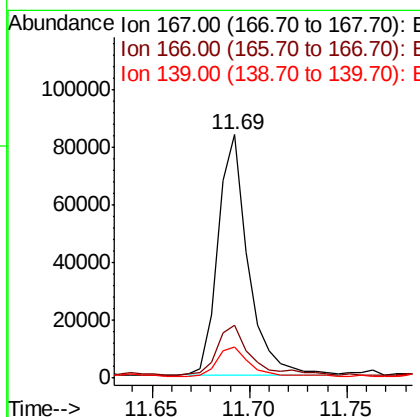
RT: 11.69 min Scan# 1633

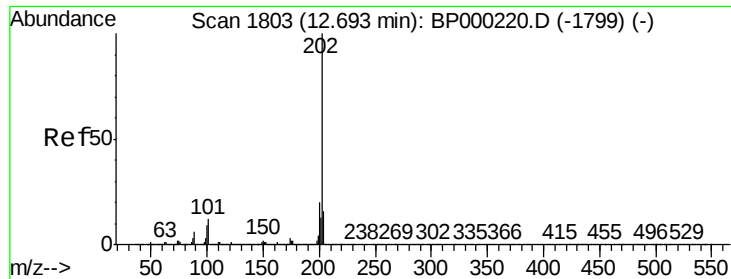
Delta R.T. 0.01 min

Lab File: BP000227.D

Acq: 12 Sep 2019 20:34

Tgt Ion:	167	Resp:	88569
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.3	25.9
139	12.6	10.6	15.8





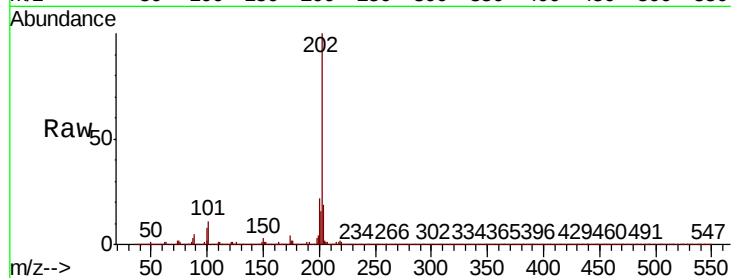
#77
 Fluoranthene
 Concen: 32.026 ng/ul
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.02 min
 Lab File: BP000227.D
 Acq: 12 Sep 2019 20:34

Instrument :
 BNA_P
 ClientSampleId :
 F2D11

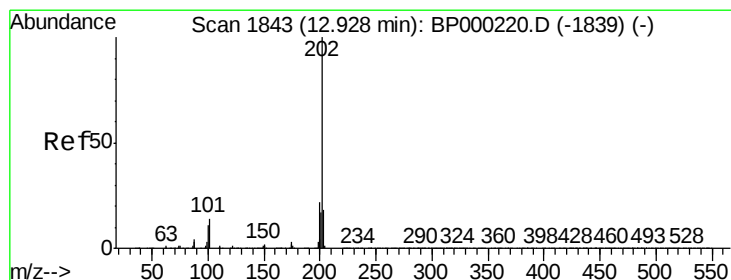
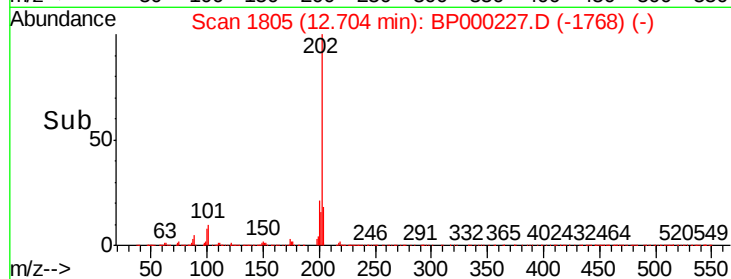
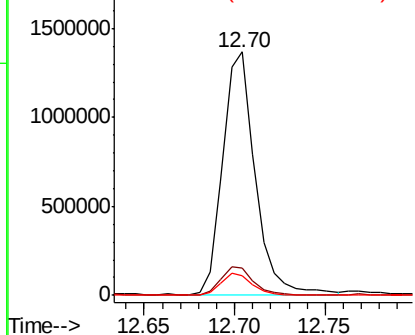
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.0	15.0
100	8.3	7.4	11.2

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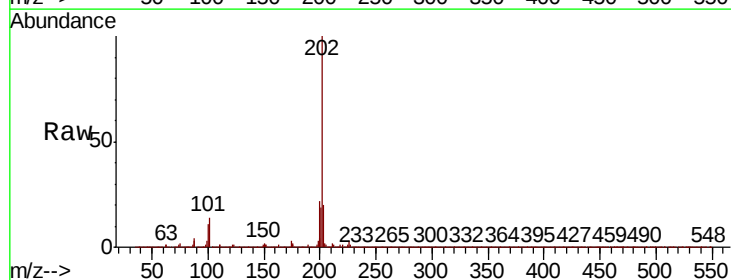


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): BF

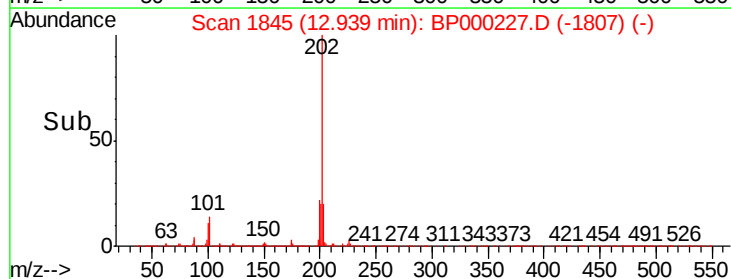
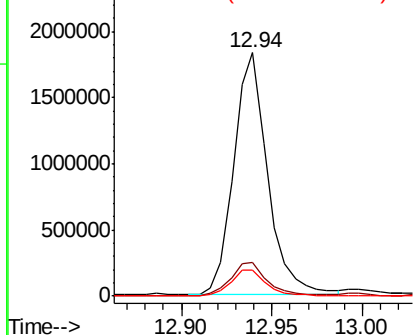


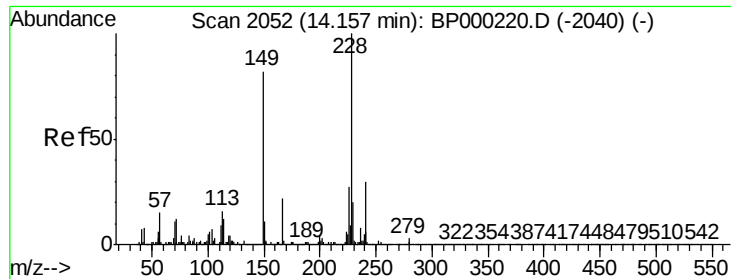
#80
 Pyrene
 Concen: 49.117 ng/ul
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.02 min
 Lab File: BP000227.D
 Acq: 12 Sep 2019 20:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	13.4	20.0
100	10.9	10.8	16.2



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): BF





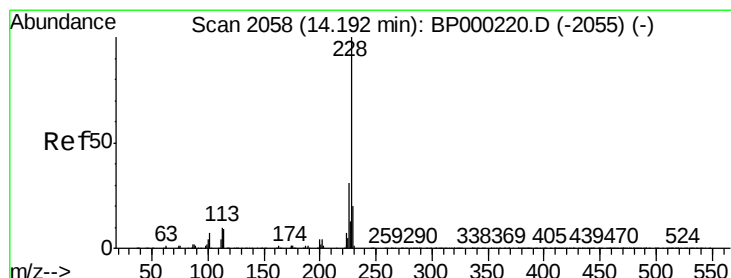
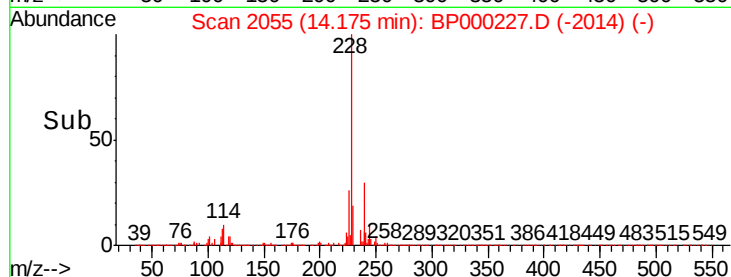
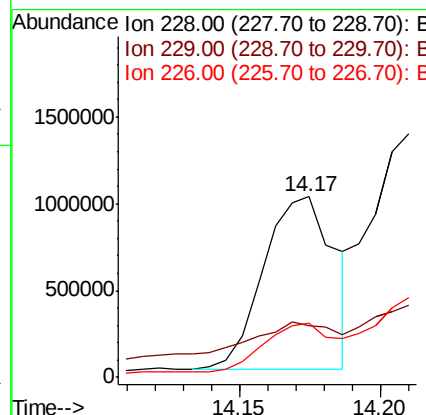
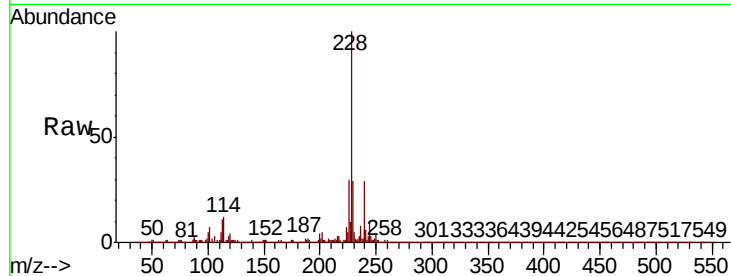
#83
Benzo(a)anthracene
Concen: 37.181 ng/ul
RT: 14.17 min Scan# 2055
Delta R.T. 0.04 min
Lab File: BP000227.D
Acq: 12 Sep 2019 20:34

Instrument :
BNA_P
ClientSampleId :
F2D11

Tot Ion:228 Resp: 1738317
Ion Ratio Lower Upper
228 100
229 28.9 15.9 23.9#
226 29.8 22.1 33.1

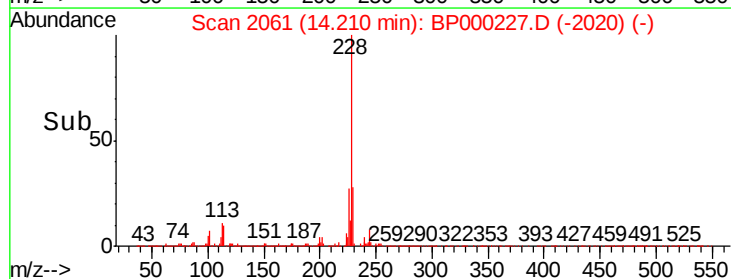
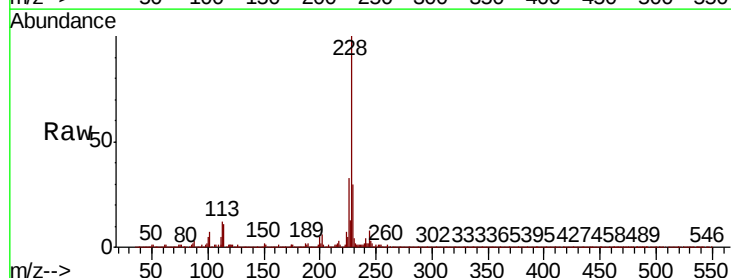
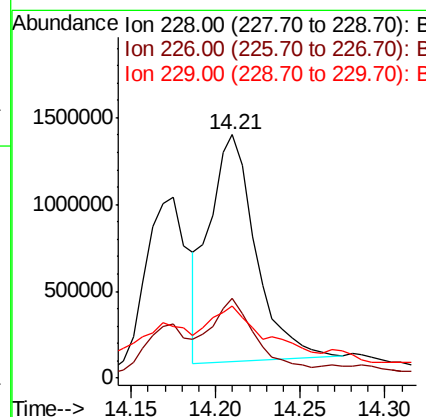
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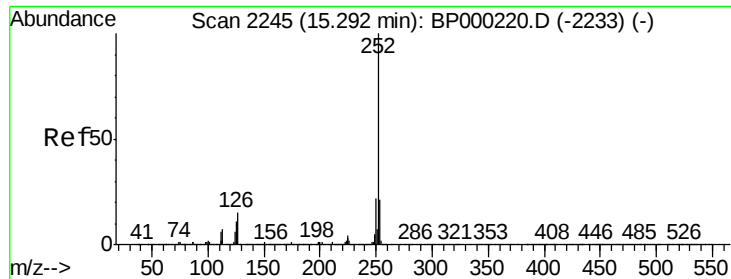
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#85
Chrysene
Concen: 58.024 ng/ul
RT: 14.21 min Scan# 2061
Delta R.T. 0.04 min
Lab File: BP000227.D
Acq: 12 Sep 2019 20:34

Tgt Ion:228 Resp: 2489319
Ion Ratio Lower Upper
228 100
226 32.7 24.4 36.6
229 29.8 16.0 24.0#





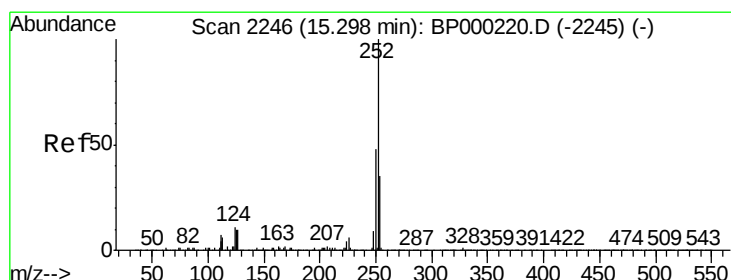
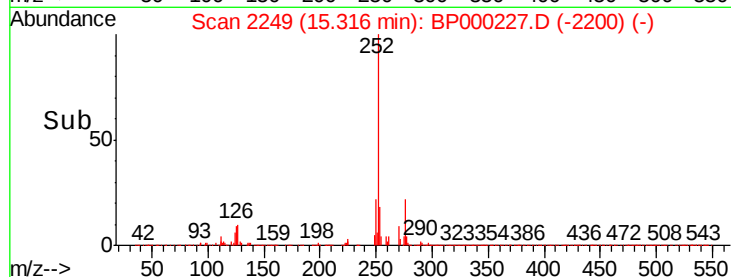
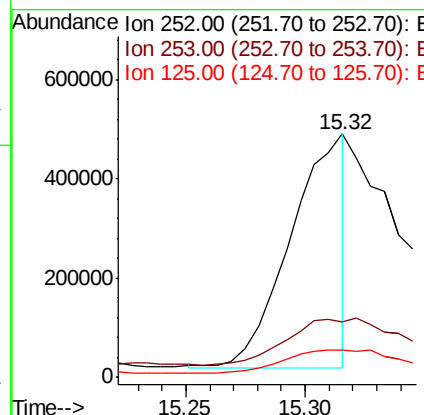
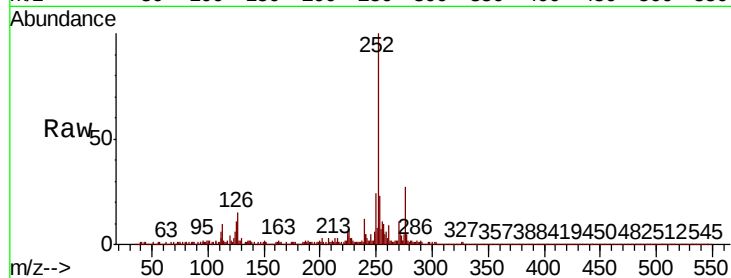
#88
Benzo(b)fluoranthene
Concen: 17.520 ng/ul m
RT: 15.32 min Scan# 2249
Delta R.T. 0.09 min
Lab File: BP000227.D
Acq: 12 Sep 2019 20:34

Instrument :
BNA_P
ClientSampleId :
F2D11

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.3	9.9	14.9

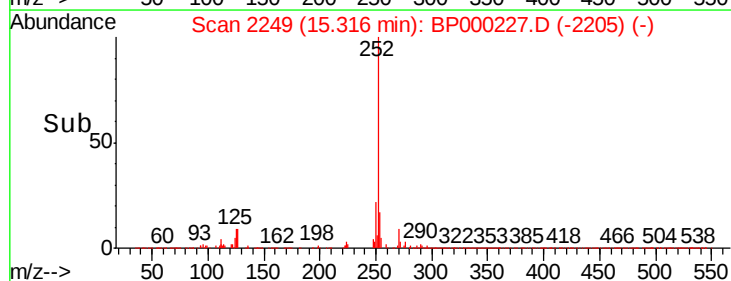
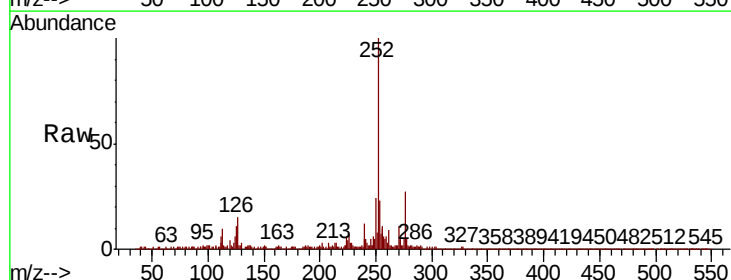
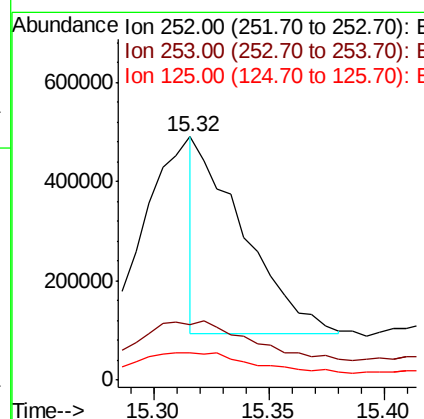
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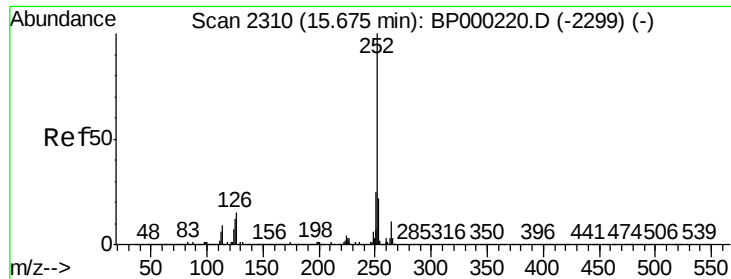
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#89
Benzo(k)fluoranthene
Concen: 13.220 ng/ul m
RT: 15.32 min Scan# 2249
Delta R.T. 0.06 min
Lab File: BP000227.D
Acq: 12 Sep 2019 20:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.3	10.2	15.2





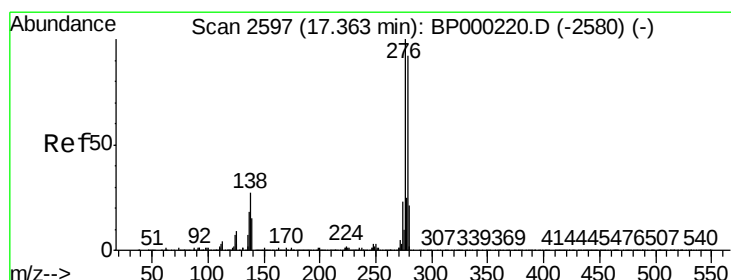
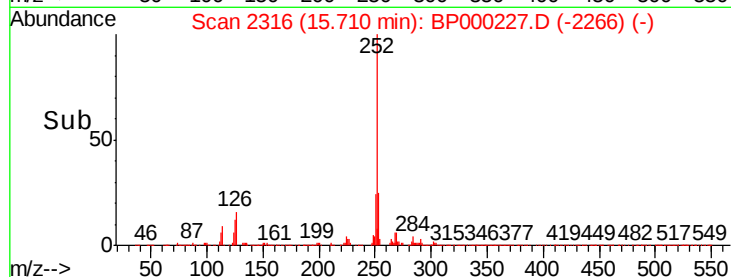
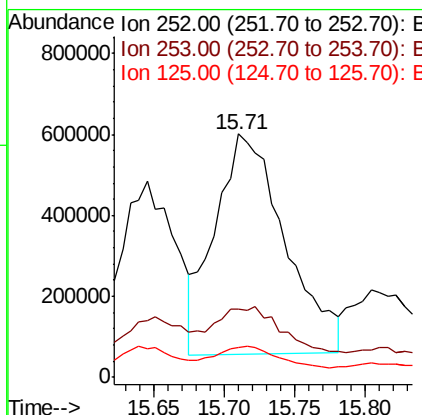
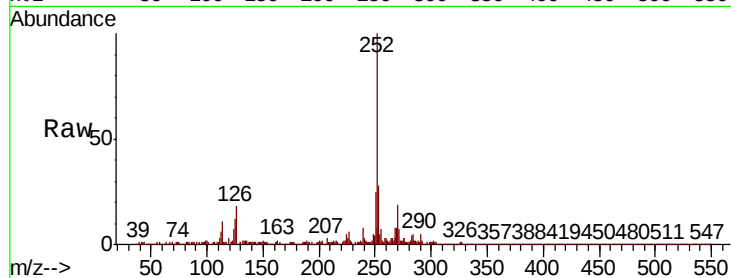
#91
Benzo(a)pyrene
Concen: 45.252 ng/ul
RT: 15.71 min Scan# 2316
Delta R.T. 0.09 min
Lab File: BP000227.D
Acq: 12 Sep 2019 20:34

Instrument :
BNA_P
ClientSampleId :
F2D11

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.5	26.3#
125	12.4	10.2	15.2

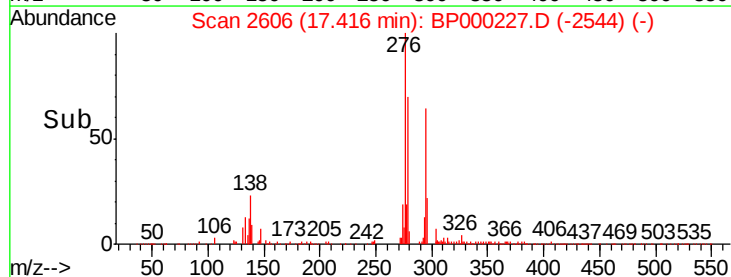
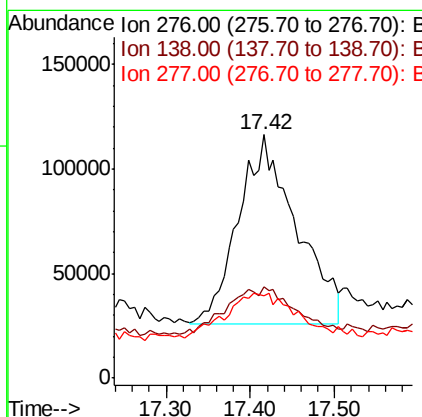
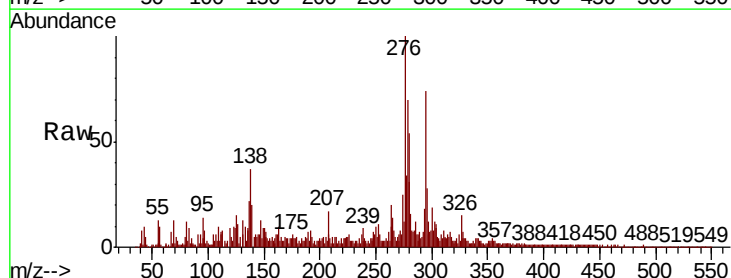
Manual Integrations
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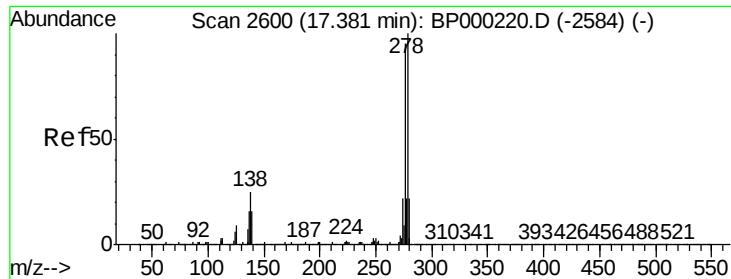
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#92
Indeno(1,2,3-cd)pyrene
Concen: 8.930 ng/ul m
RT: 17.42 min Scan# 2606
Delta R.T. 0.16 min
Lab File: BP000227.D
Acq: 12 Sep 2019 20:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.4	20.0	30.0#
277	33.9	19.4	29.0#





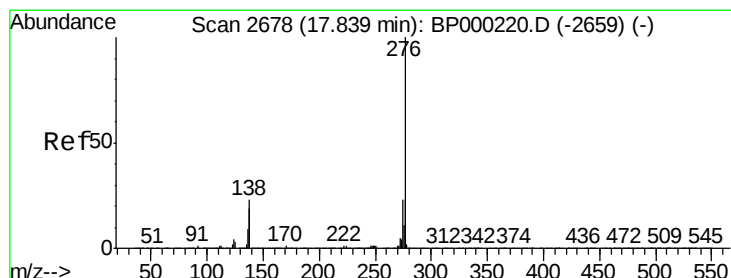
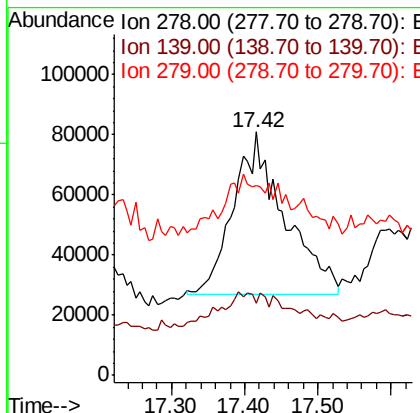
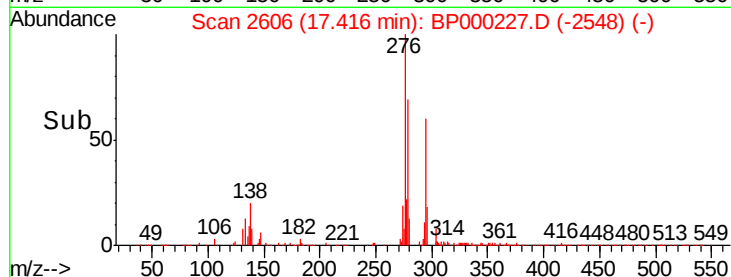
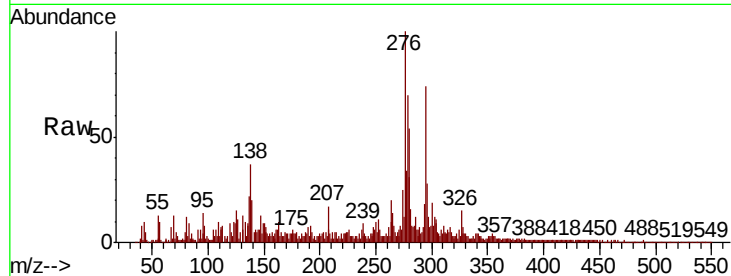
#93
 Dibenzo(a,h)anthracene
 Concen: 6.482 ng/ul m
 RT: 17.42 min Scan# 2606
 Delta R.T. 0.14 min
 Lab File: BP000227.D
 Acq: 12 Sep 2019 20:34

Instrument :
 BNA_P
 ClientSampleId :
 F2D11

Tot Ion	Ratio	Lower	Upper
278	100		
139	29.4	15.1	22.7#
279	78.2	19.2	28.8#

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:14:03 AM



#94
 Benzo(g,h,i)perylene
 Concen: 15.208 ng/ul m
 RT: 17.91 min Scan# 2690
 Delta R.T. 0.19 min
 Lab File: BP000227.D
 Acq: 12 Sep 2019 20:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	20.0	30.0#
277	32.5	19.1	28.7#

