

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
 Data File : BP000145.D
 Acq On : 09 Sep 2019 20:27
 Operator : HP/JU
 Sample : K4633-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D01

Manual Integrations
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mohammad
 9/10/2019 2:52:26 PM

Quant Time: Sep 18 04:54:53 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	402905	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1564739	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	858561	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1575025	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1311724	20.00	ng/ul	0.00
86) Perylene-d12	15.68	264	1311557	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.61	96	43223	3.80	ng/uL	0.00
5) Phenol-d5	6.51	99	790975	23.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	419776	23.39	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	644795	23.23	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	593733	23.03	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	310429	26.13	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	329122	28.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	573128	23.34	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	721121	23.75	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1738914	27.43	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1994654	25.46	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	252145	22.26	ng/ul	0.00
58) Fluorene-d10	10.47	176	1407830	26.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	171762	23.73	ng/ul	0.00
71) Anthracene-d10	11.50	188	2010266	26.36	ng/ul	0.00
79) Pyrene-d10	12.90	212	2180357	27.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.58	264	1980201	29.13	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.52	94	130437	3.647 ng/ul	97
45) Dimethylphthalate	9.65	163	824998	12.896 ng/ul	100
70) Phenanthrene	11.47	178	622604	6.684 ng/ul	99
75) Carbazole	11.67	167	93288	1.190 ng/ul	98
77) Fluoranthene	12.68	202	1430283	15.225 ng/ul	99
80) Pyrene	12.92	202	1238318	12.513 ng/ul	94
83) Benzo(a)anthracene	14.13	228	747618	7.874 ng/ul	98
85) Chrysene	14.16	228	829973	9.526 ng/ul	97
88) Benzo(b)fluoranthene	15.22	252	1346007	15.484 ng/ul	99
89) Benzo(k)fluoranthene	15.25	252	358074m	4.370 ng/ul	
91) Benzo(a)pyrene	15.61	252	795606	9.755 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	17.23	276	642603	6.849 ng/ul	98
93) Dibenzo(a,h)anthracene	17.25	278	171141	2.202 ng/ul	96
94) Benzo(g,h,i)perylene	17.70	276	573272	7.328 ng/ul	98

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

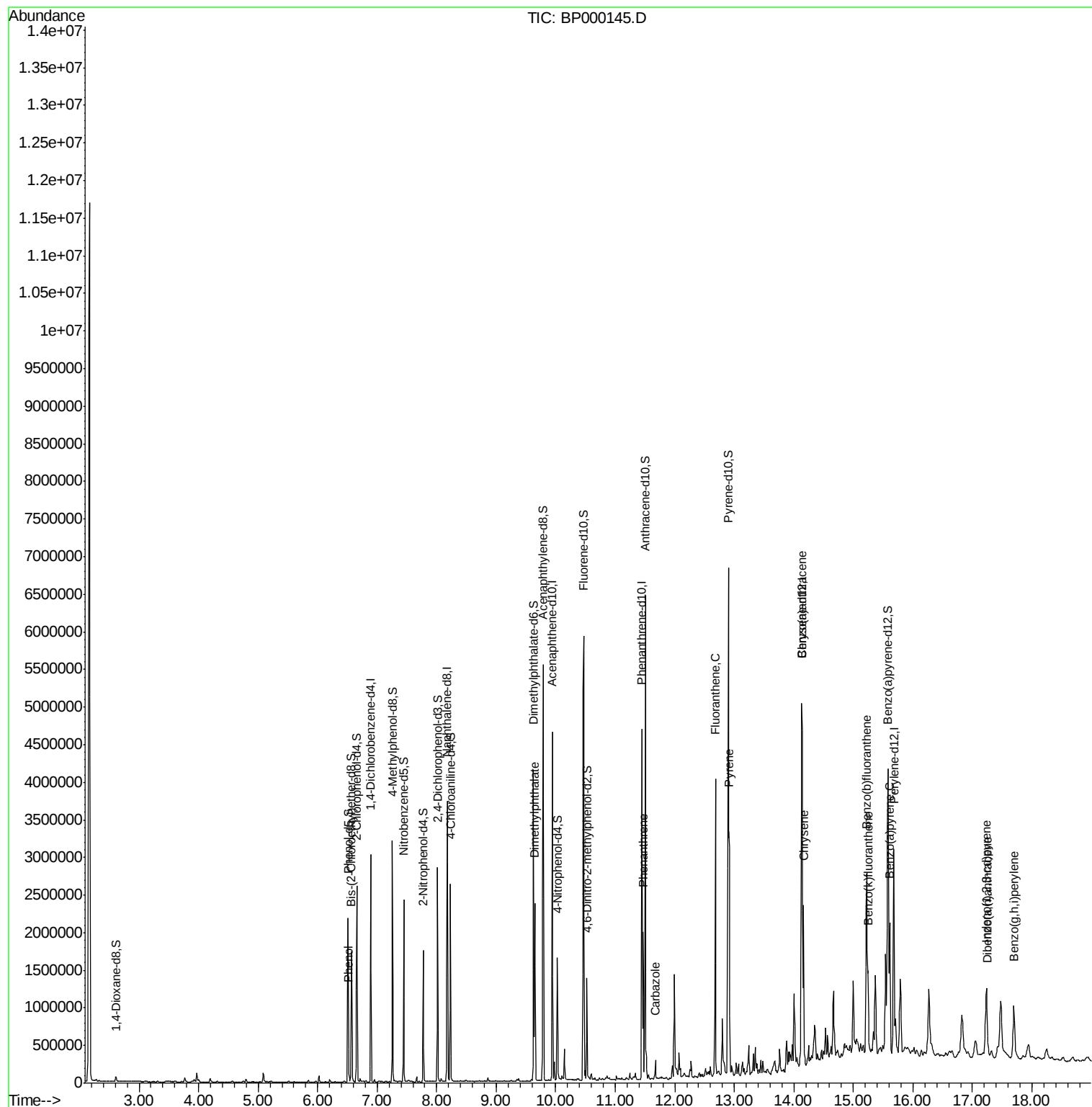
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000145.D
Acq On : 09 Sep 2019 20:27
Operator : HP/JU
Sample : K4633-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

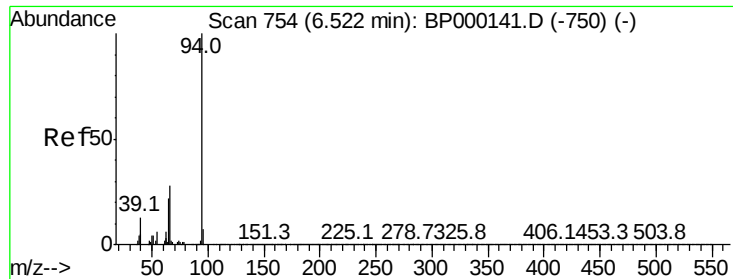
Instrument :
BNA_P
ClientSampleId :
F2D01

Quant Time: Sep 18 04:54:53 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

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#6

Phenol

Concen: 3.647 ng/ul

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BP000145.D

Acq: 09 Sep 2019 20:27

Instrument :

BNA_P

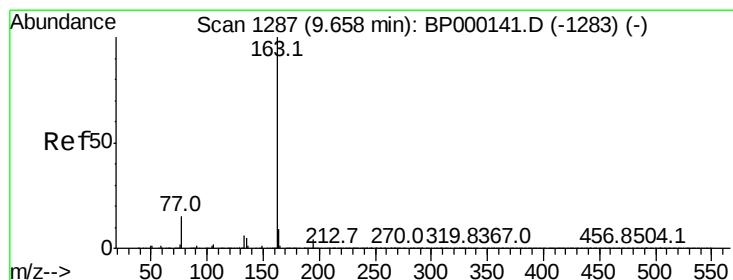
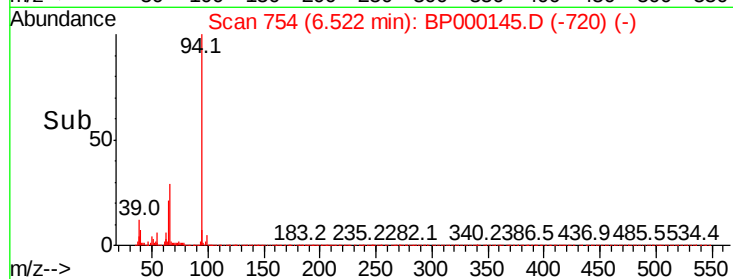
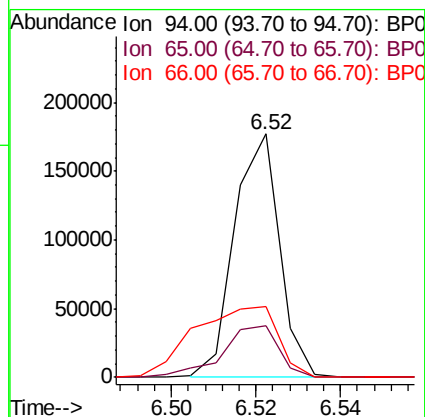
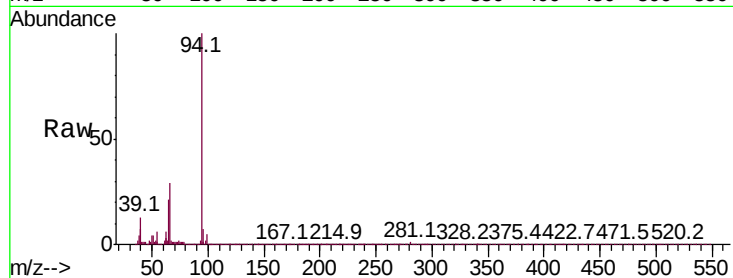
ClientSampleId :

F2D01

Tot Ion:	94	Resp:	130437
Ion Ratio	Lower	Upper	
94	100		
65	21.1	18.8	28.2
66	29.3	24.2	36.2

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#45

Dimethylphthalate

Concen: 12.896 ng/ul

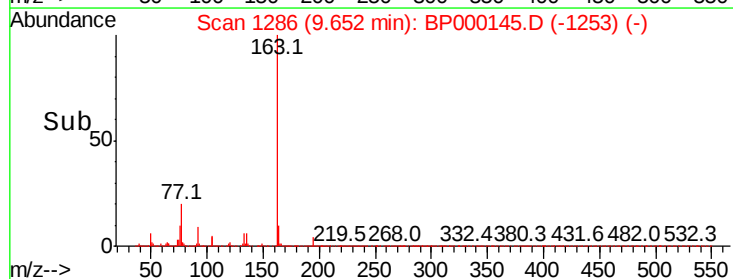
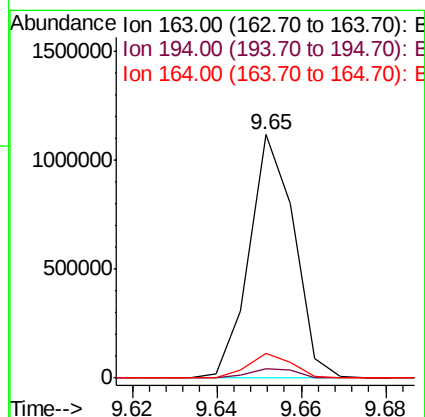
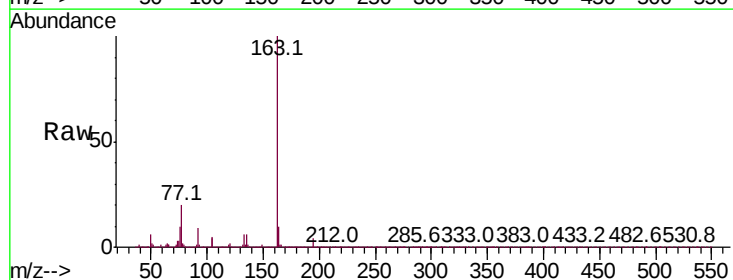
RT: 9.65 min Scan# 1286

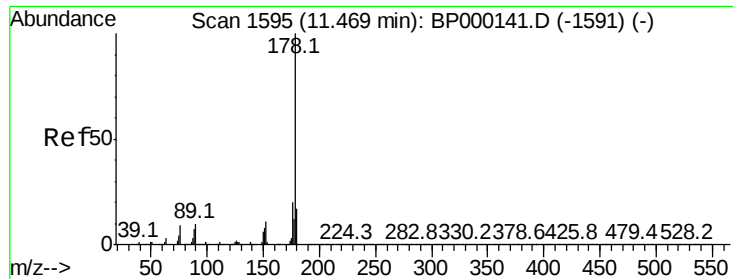
Delta R.T. -0.01 min

Lab File: BP000145.D

Acq: 09 Sep 2019 20:27

Tgt Ion:	163	Resp:	824998
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.2	4.8
164	10.3	8.4	12.6





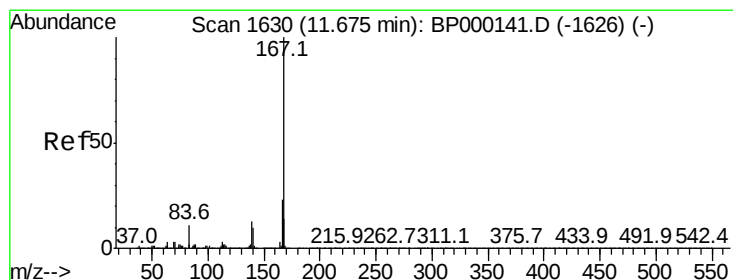
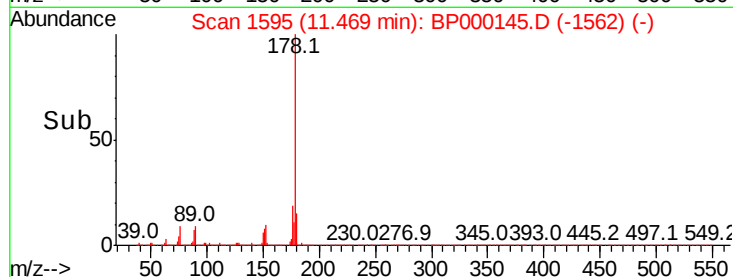
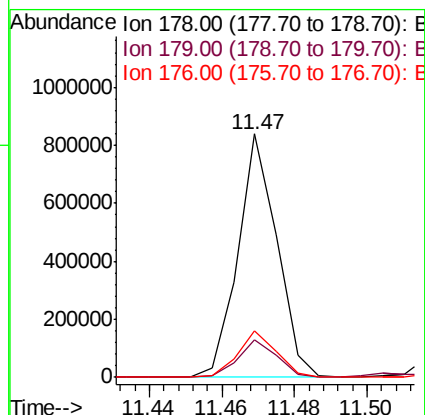
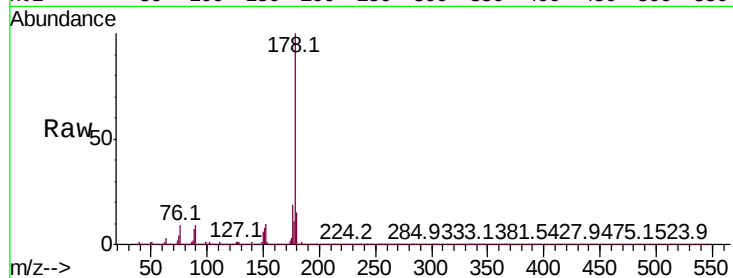
#70
Phenanthrene
Concen: 6.684 ng/ul
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

Instrument :
BNA_P
ClientSampleId :
F2D01

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	19.2	15.7	23.5

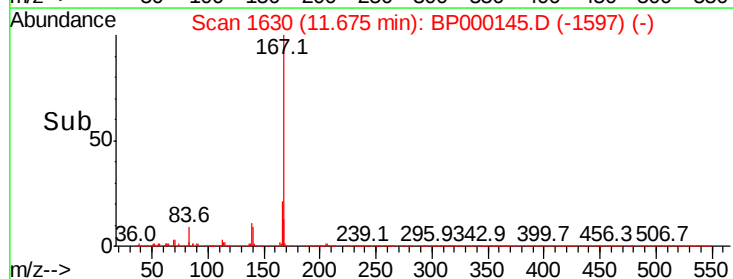
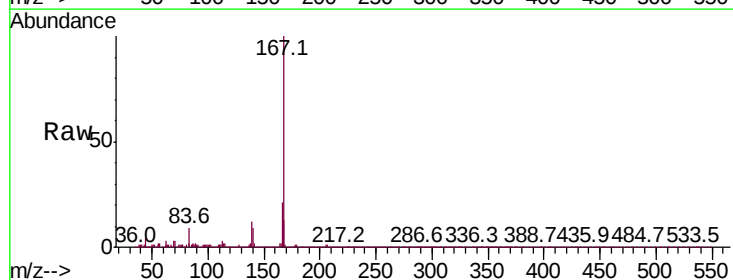
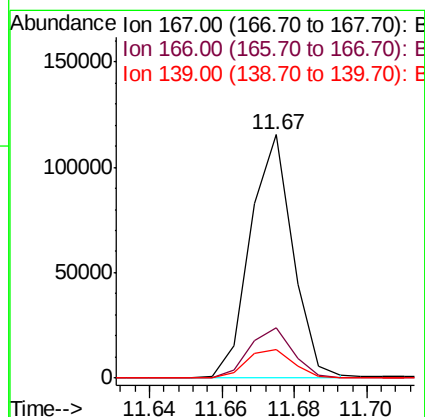
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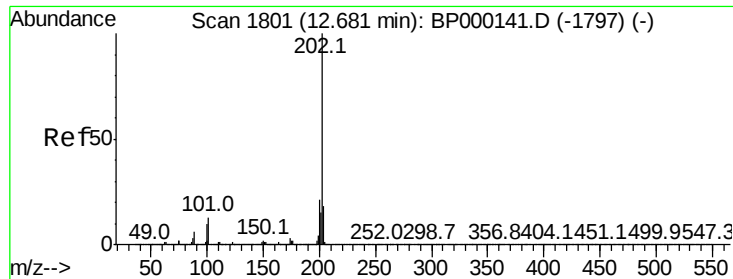
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#75
Carbazole
Concen: 1.190 ng/ul
RT: 11.67 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.3	25.9
139	11.9	10.6	15.8





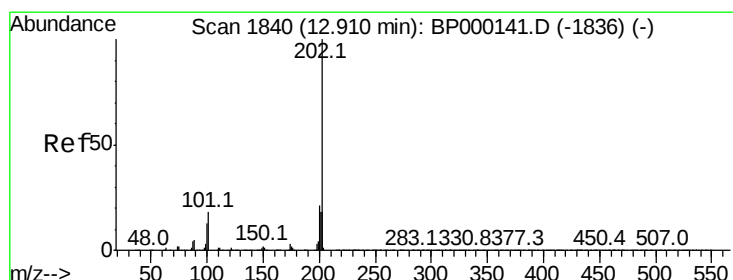
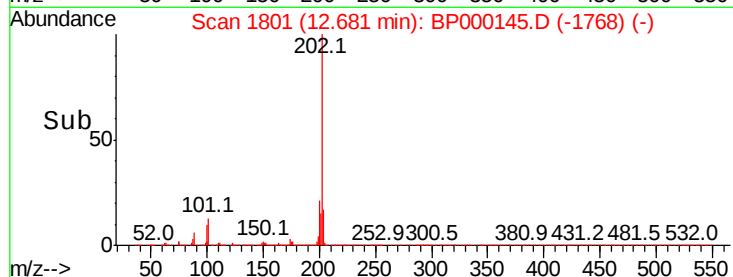
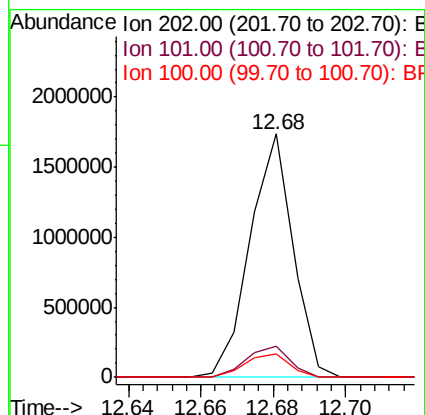
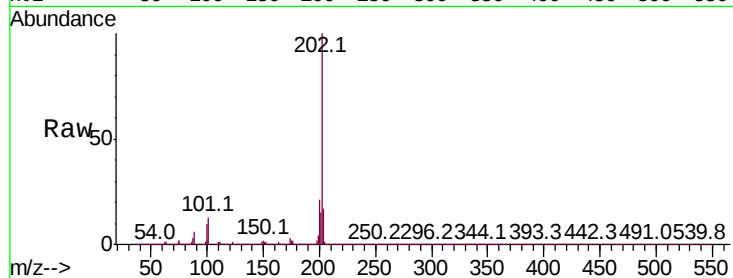
#77
Fluoranthene
Concen: 15.225 ng/ul
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

Instrument :
BNA_P
ClientSampleId :
F2D01

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.0	15.0
100	9.7	7.4	11.2

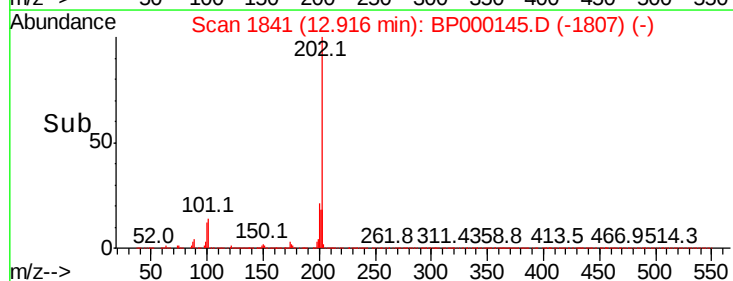
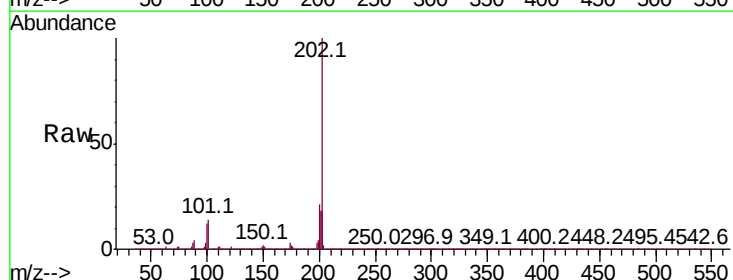
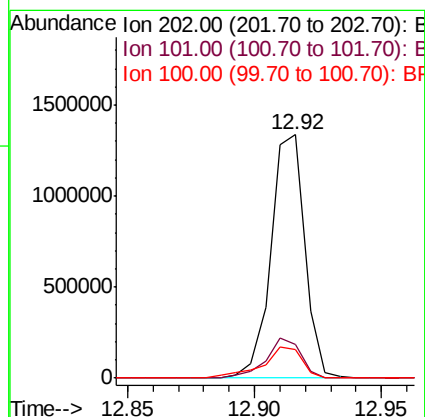
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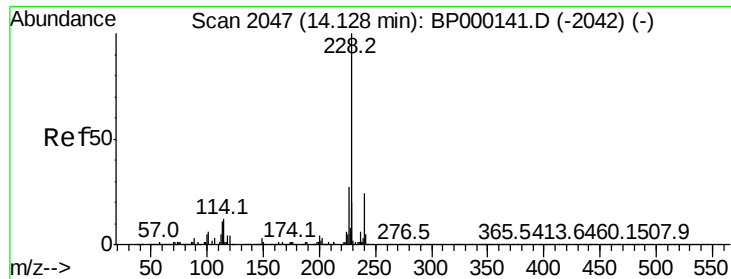
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#80
Pyrene
Concen: 12.513 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	13.4	20.0
100	11.6	10.8	16.2





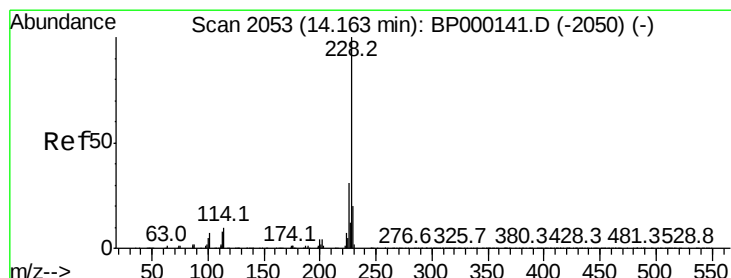
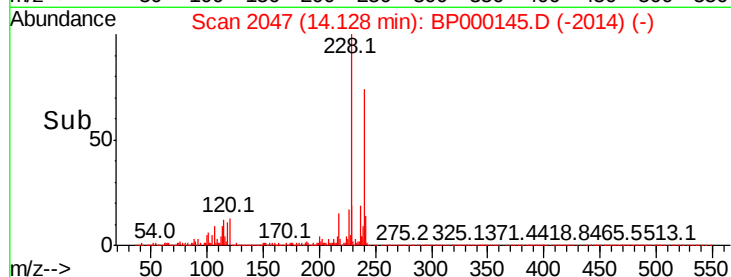
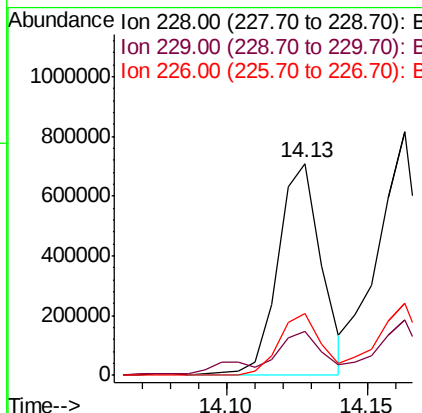
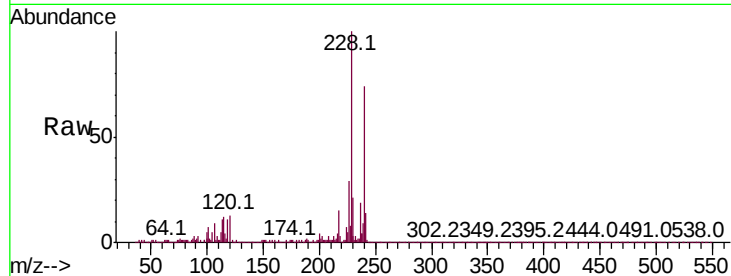
#83
Benzo(a)anthracene
Concen: 7.874 ng/ul
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

Instrument :
BNA_P
ClientSampled :
F2D01

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	28.9	22.1	33.1

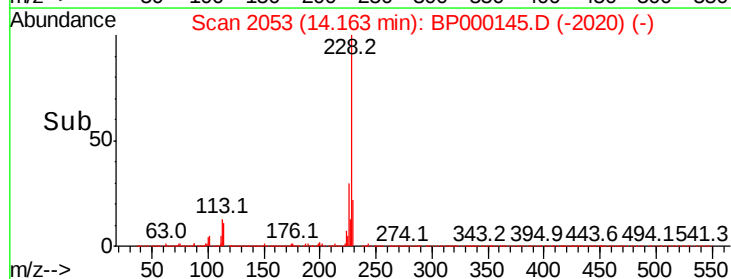
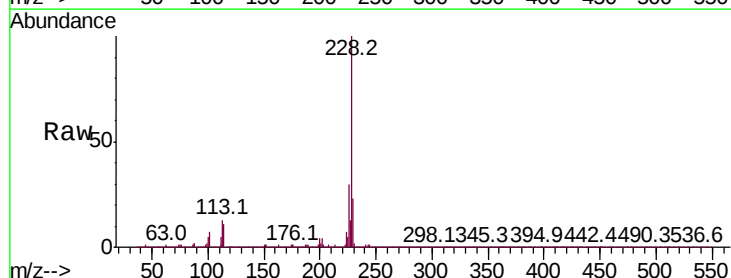
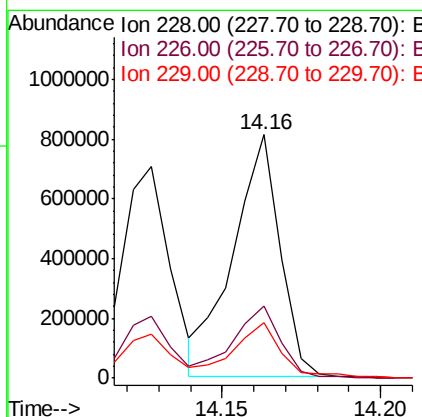
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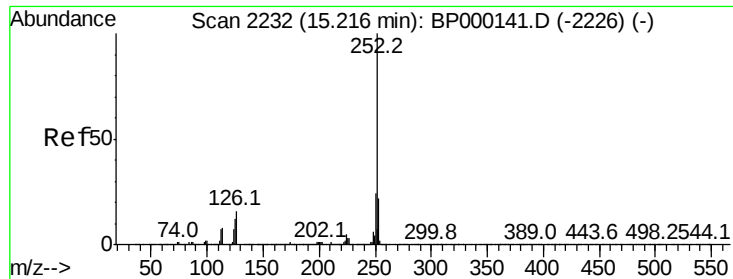
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#85
Chrysene
Concen: 9.526 ng/ul
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	22.6	16.0	24.0





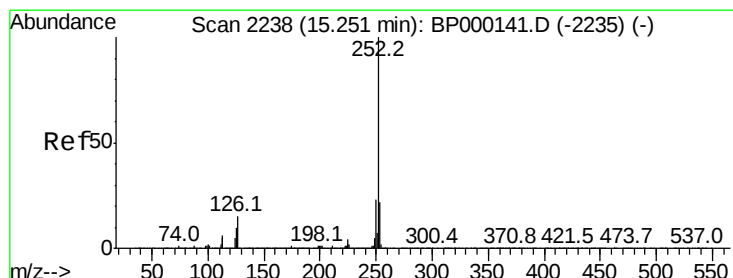
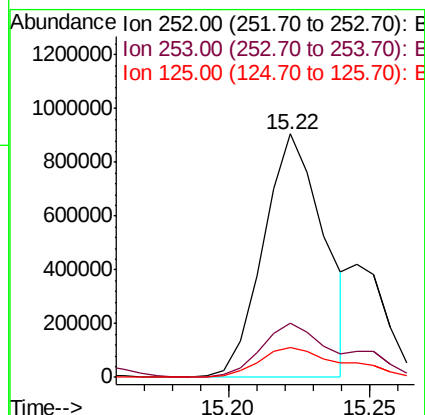
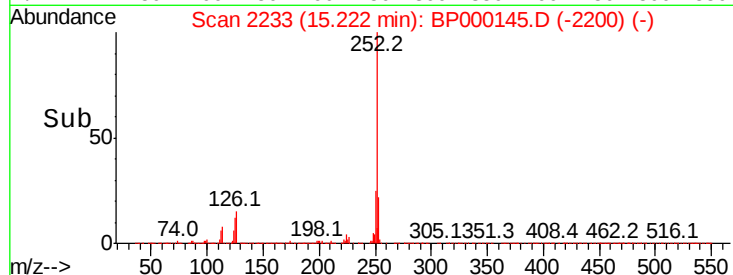
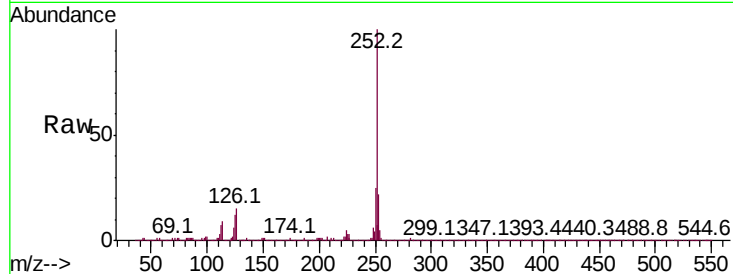
#88
Benzo(b)fluoranthene
Concen: 15.484 ng/ul
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

Instrument :
BNA_P
ClientSampleId :
F2D01

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	12.3	9.9	14.9

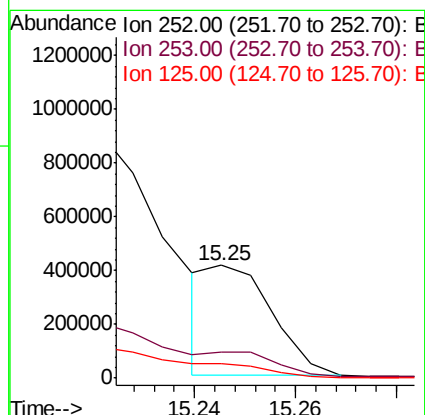
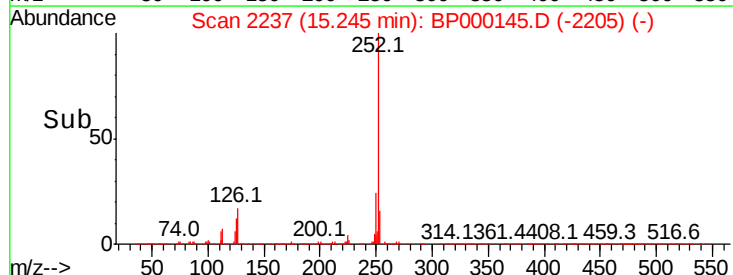
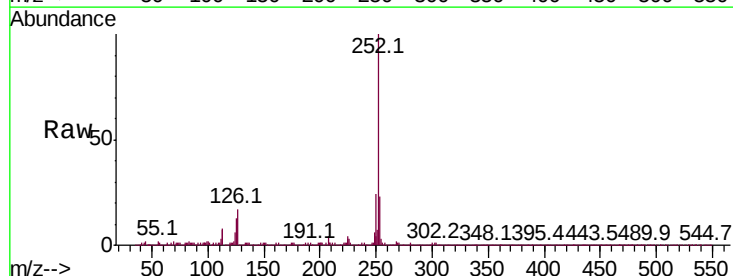
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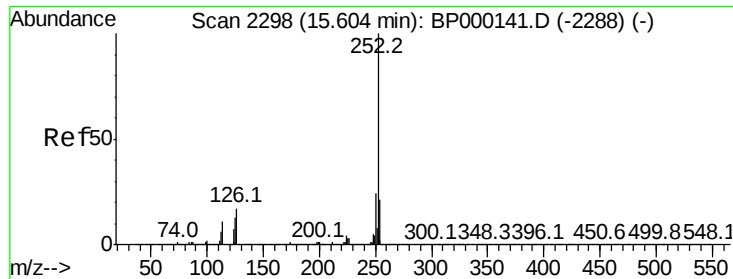
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#89
Benzo(k)fluoranthene
Concen: 4.370 ng/ul m
RT: 15.25 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	12.9	10.2	15.2





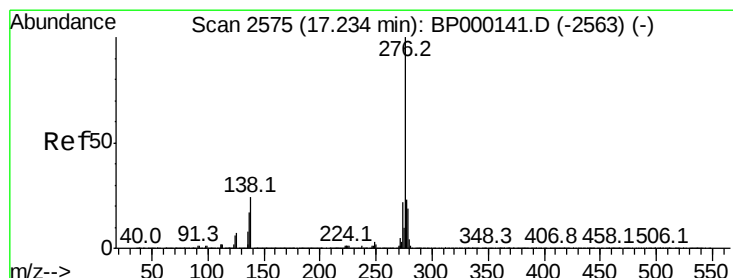
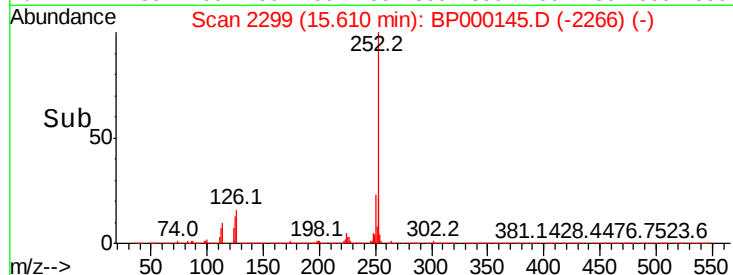
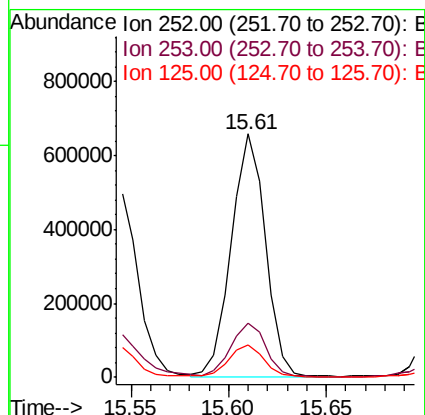
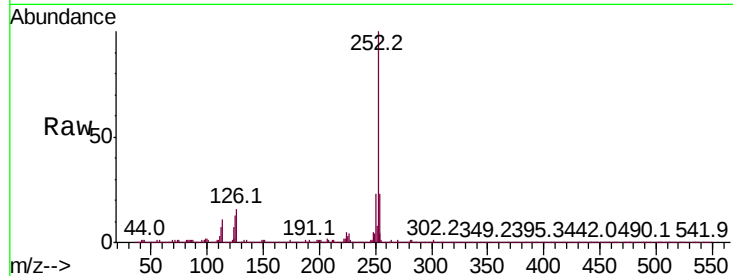
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Benzo(a)pyrene
Concen: 9.755 ng/ul
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

Instrument :
BNA_P
ClientSampleId :
F2D01

Tot Ion:	252	Resp:	795606
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	13.4	10.2	15.2

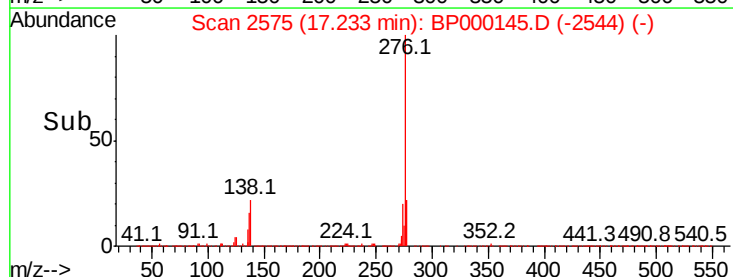
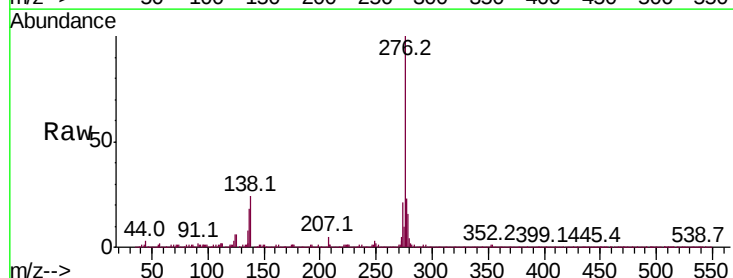
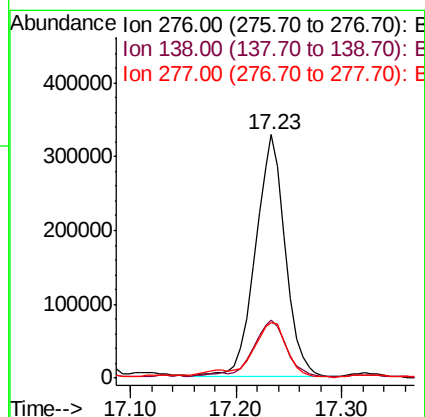
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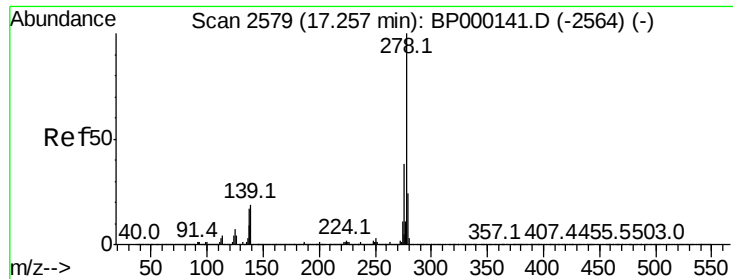
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#92
Indeno(1,2,3-cd)pyrene
Concen: 6.849 ng/ul
RT: 17.23 min Scan# 2575
Delta R.T. -0.02 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

Tgt Ion:	276	Resp:	642603
Ion Ratio	Lower	Upper	
276	100		
138	23.8	20.0	30.0
277	23.0	19.4	29.0





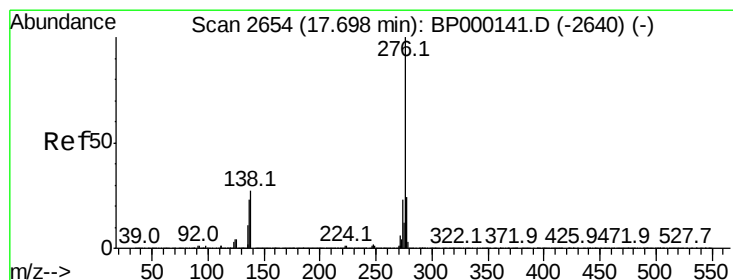
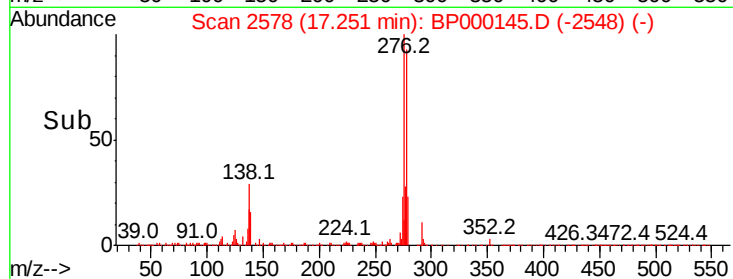
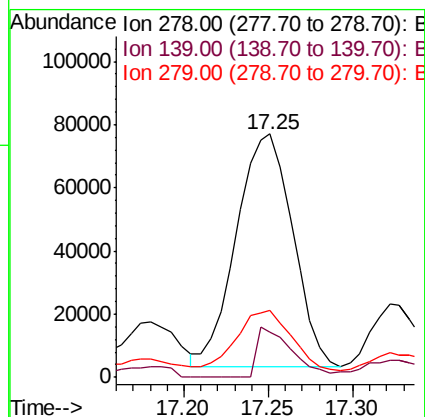
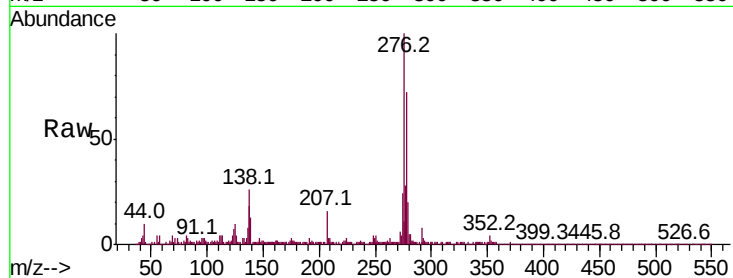
#93
Dibenzo(a,h)anthracene
Concen: 2.202 ng/ul
RT: 17.25 min Scan# 2578
Delta R.T. -0.02 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

Instrument :
BNA_P
ClientSampled :
F2D01

Tot Ion:	278	Resp:	171141
Ion Ratio	Lower	Upper	
278	100		
139	18.6	15.1	22.7
279	27.6	19.2	28.8

Manual Integrations
APPROVED

mohammad
9/10/2019 2:52:26 PM



#94
Benzo(g,h,i)perylene
Concen: 7.328 ng/ul
RT: 17.70 min Scan# 2654
Delta R.T. -0.02 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

Tgt Ion:	276	Resp:	573272
Ion Ratio	Lower	Upper	
276	100		
138	25.7	20.0	30.0
277	24.8	19.1	28.7

