

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000185.D
 Acq On : 10 Sep 2019 23:28
 Operator : HP/JU
 Sample : K4633-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D04

Manual Integrations
 APPROVED

mohammad
 9/12/2019 10:25:48 AM

Quant Time: Sep 11 04:16:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 02:03:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	469032	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1783809	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	931961	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1532207	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	993859	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1121298	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.62	96	54084	4.09	ng/uL	0.01
5) Phenol-d5	6.51	99	1033342	25.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	534273	25.57	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	847457	26.23	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	799588	26.64	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	410231	30.29	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	441709	33.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	769015	27.48	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	743661	21.49	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	2064861	30.01	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2396467	28.18	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	281113	22.86	ng/ul	0.00
58) Fluorene-d10	10.47	176	1634680	27.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	102236	14.52	ng/ul	0.00
71) Anthracene-d10	11.51	188	2084764	28.10	ng/ul	0.00
79) Pyrene-d10	12.90	212	1947524	32.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.60	264	1728415	29.74	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	6.52	94	161974	3.890	ng/ul	97
28) Naphthalene	8.20	128	277383	2.855	ng/ul	99
45) Dimethylphthalate	9.66	163	758045	10.916	ng/ul	98
50) Acenaphthene	9.98	153	543591	8.830	ng/ul	99
54) Dibenzofuran	10.15	168	179794	2.129	ng/ul	96
59) Fluorene	10.50	166	233889	3.580	ng/ul	99
70) Phenanthrene	11.47	178	3152781	34.795	ng/ul	98
72) Anthracene	11.53	178	644602	7.230	ng/ul	99
75) Carbazole	11.68	167	517038	6.782	ng/ul	98
77) Fluoranthene	12.69	202	5065665	55.428	ng/ul	100
83) Benzo(a)anthracene	14.14	228	3417565	47.504	ng/ul	98
85) Chrysene	14.18	228	3249292	49.219	ng/ul	96
88) Benzo(b)fluoranthene	15.26	252	5214552m	70.166	ng/ul	
89) Benzo(k)fluoranthene	15.27	252	1284590m	18.337	ng/ul	
91) Benzo(a)pyrene	15.64	252	3817381	54.747	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	17.29	276	2906013m	36.227	ng/ul	
93) Dibenzo(a,h)anthracene	17.30	278	781462	11.761	ng/ul	95
94) Benzo(g,h,i)perylene	17.76	276	2442278	36.516	ng/ul	98

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

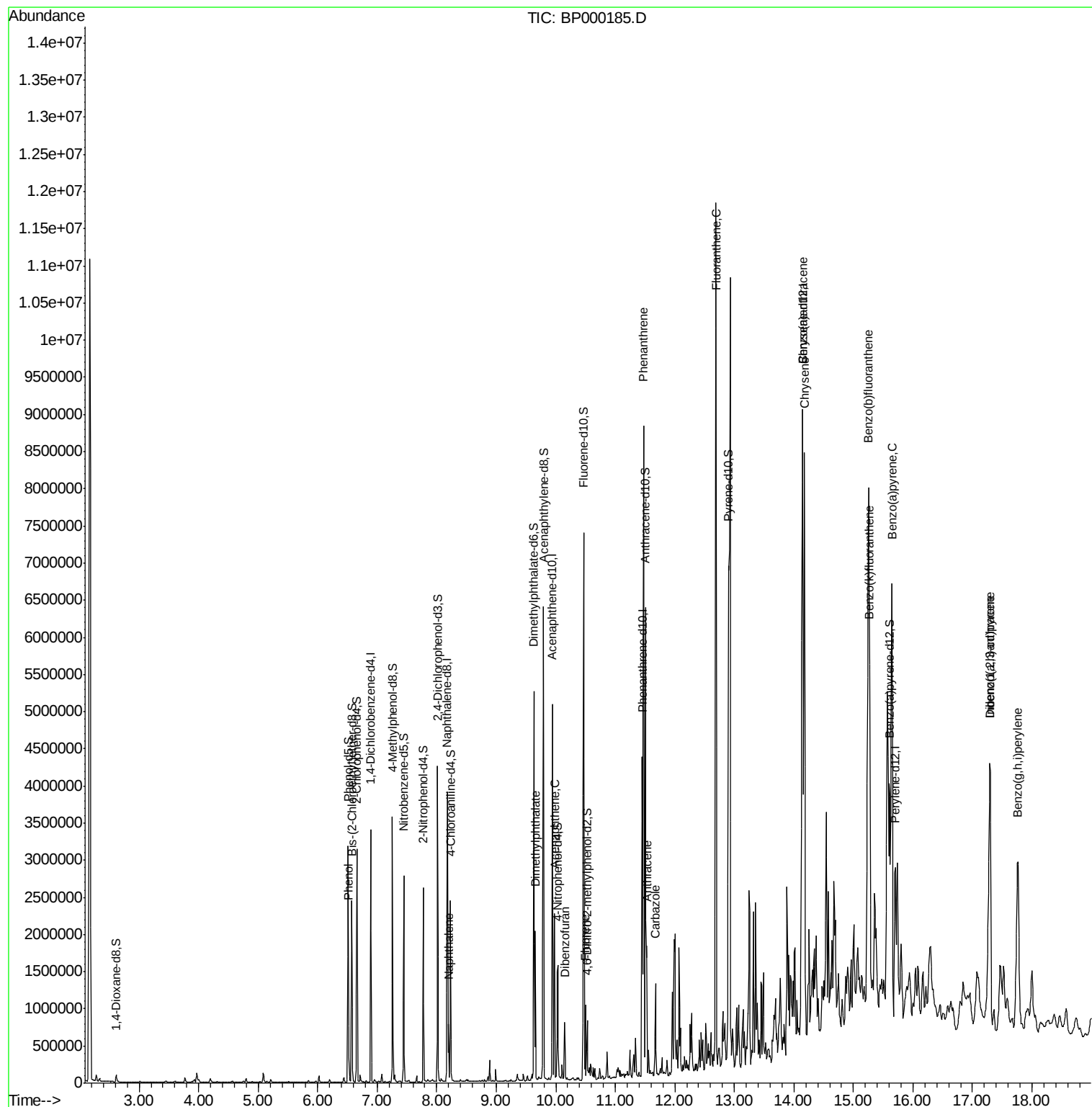
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000185.D
Acq On : 10 Sep 2019 23:28
Operator : HP/JU
Sample : K4633-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

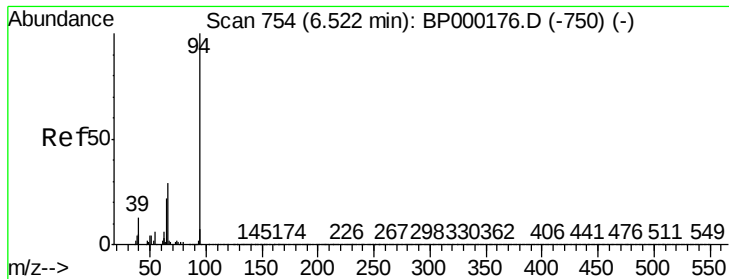
Instrument :
BNA_P
ClientSampled :
F2D04

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 02:03:45 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.890 ng/ul

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BP000185.D

Acq: 10 Sep 2019 23:28

Instrument :

BNA_P

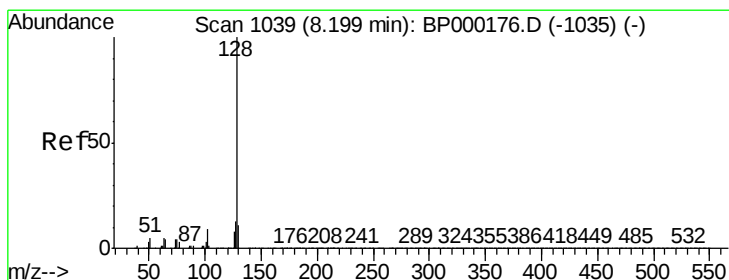
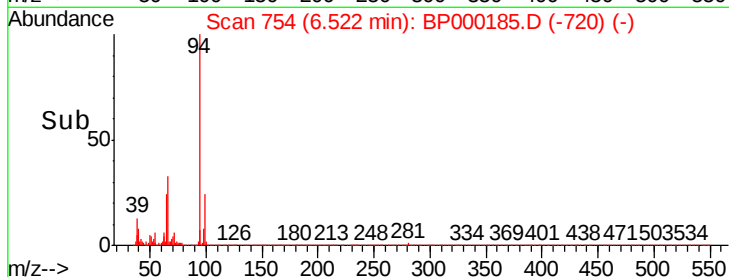
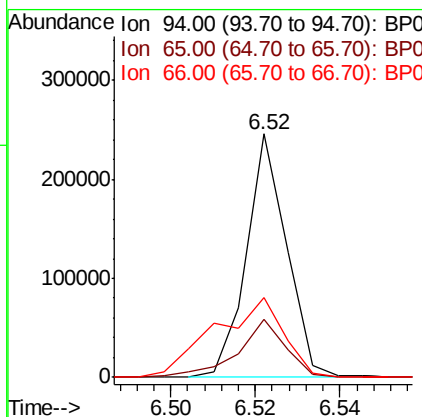
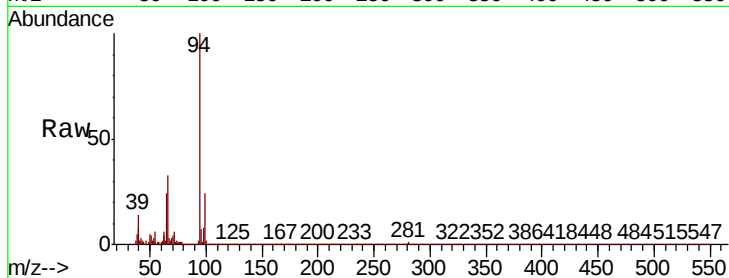
ClientSampleId :

F2D04

Tot Ion:	94	Resp:	161974
Ion Ratio	Lower	Upper	
94	100		
65	24.0	18.8	28.2
66	32.5	24.2	36.2

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#28

Naphthalene

Concen: 2.855 ng/ul

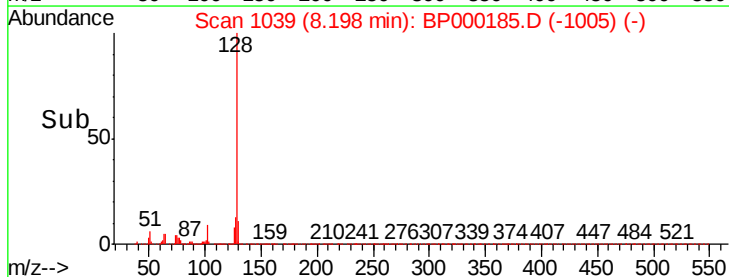
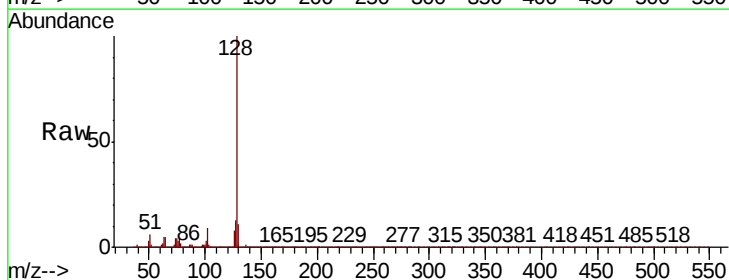
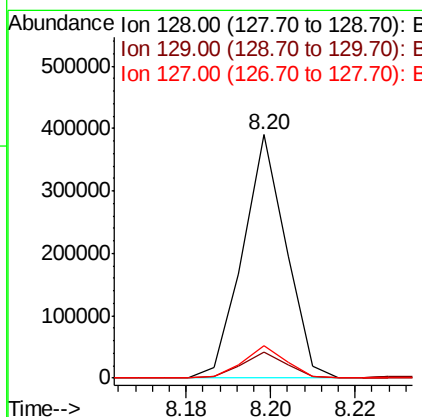
RT: 8.20 min Scan# 1039

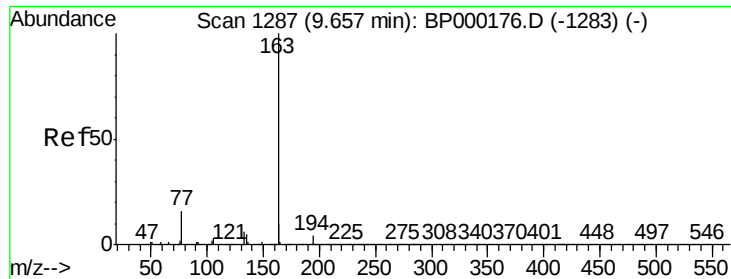
Delta R.T. -0.00 min

Lab File: BP000185.D

Acq: 10 Sep 2019 23:28

Tgt Ion:	128	Resp:	277383
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.1	13.7
127	13.2	10.7	16.1





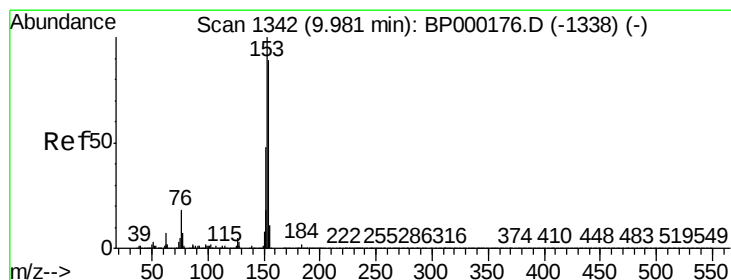
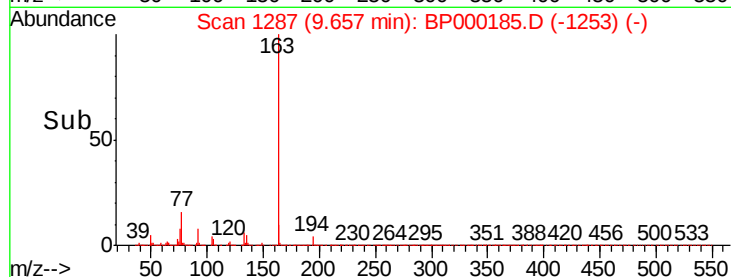
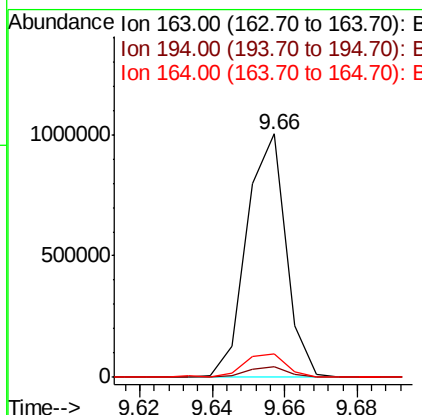
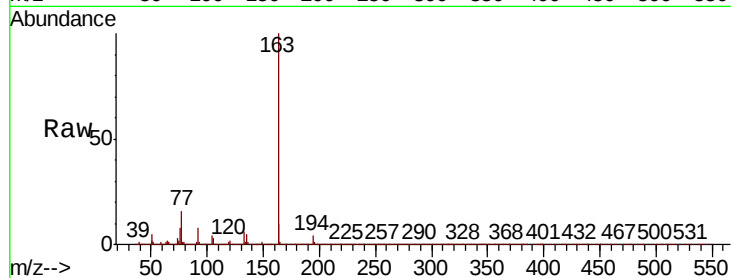
#45
Dimethylphthalate
Concen: 10.916 ng/ul
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BP000185.D
Acq: 10 Sep 2019 23:28

Instrument :
BNA_P
ClientSampled :
F2D04

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.7	8.4	12.6

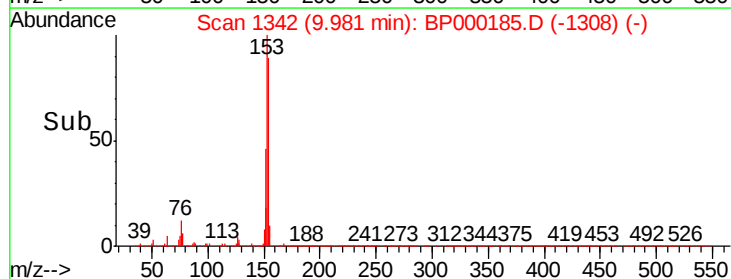
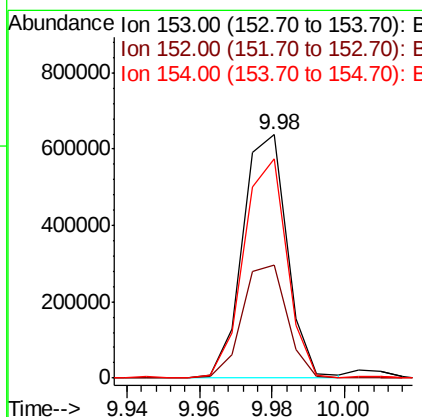
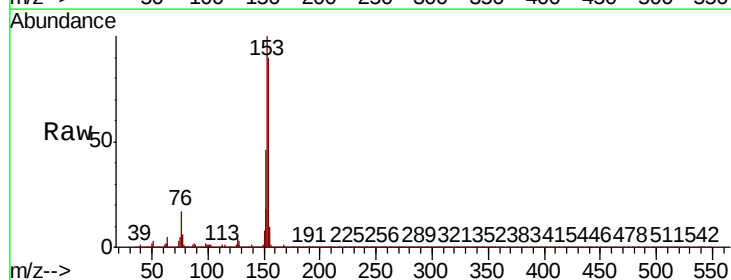
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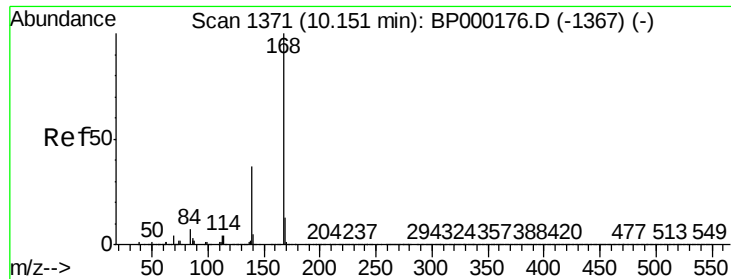
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#50
Acenaphthene
Concen: 8.830 ng/ul
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BP000185.D
Acq: 10 Sep 2019 23:28

Tgt Ion	Ratio	Resp Lower	Upper
153	100		
152	46.3	38.0	57.0
154	90.1	72.6	108.8





#54

Dibenzofuran

Concen: 2.129 ng/ul

RT: 10.15 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BP000185.D

Acq: 10 Sep 2019 23:28

Instrument :

BNA_P

ClientSampled :

F2D04

Tot Ion:168 Resp: 179794

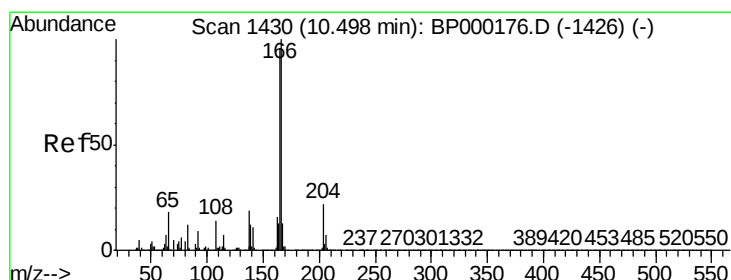
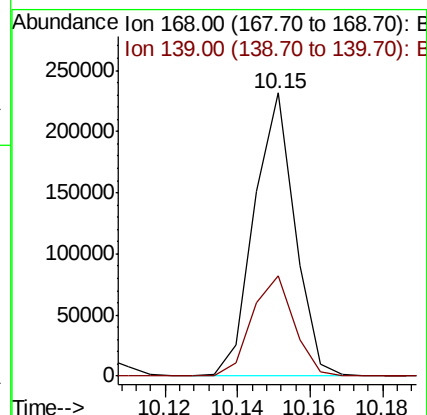
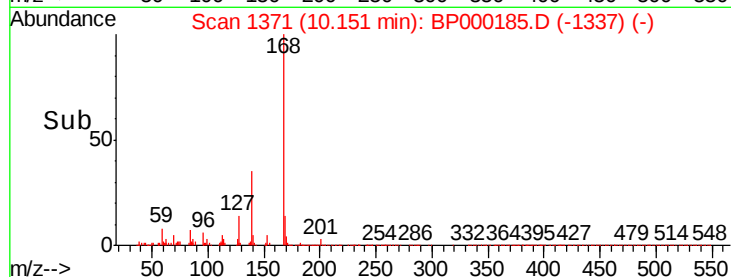
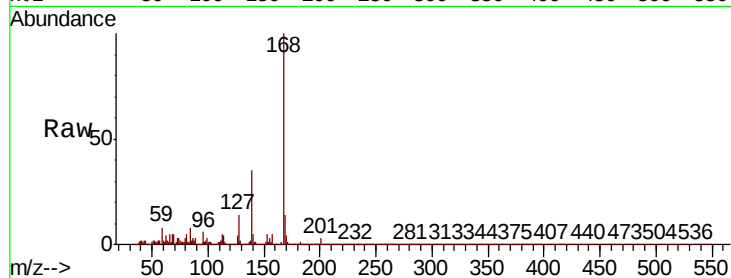
Ion Ratio Lower Upper

168 100

139 35.3 30.0 45.0

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#59

Fluorene

Concen: 3.580 ng/ul

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BP000185.D

Acq: 10 Sep 2019 23:28

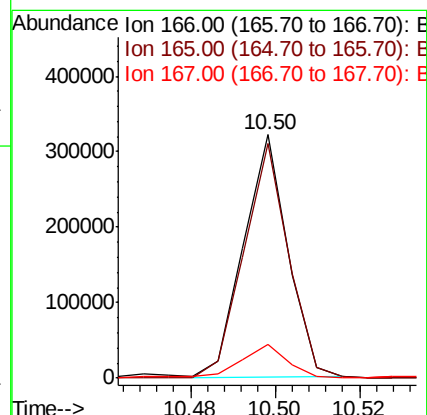
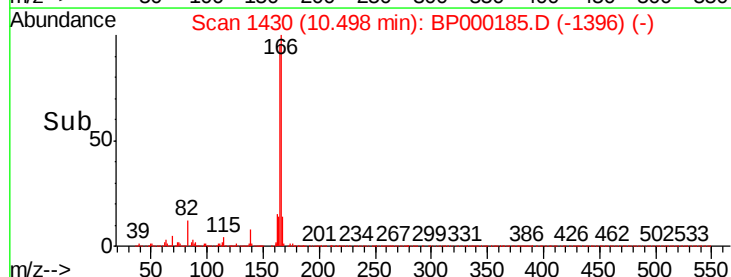
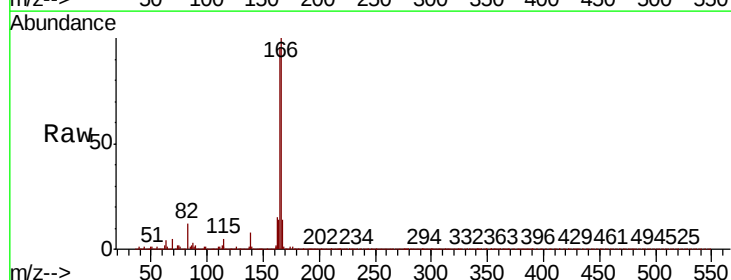
Tgt Ion:166 Resp: 233889

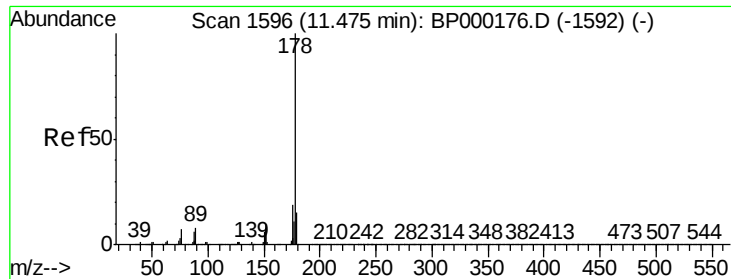
Ion Ratio Lower Upper

166 100

165 96.3 77.8 116.8

167 13.6 10.9 16.3





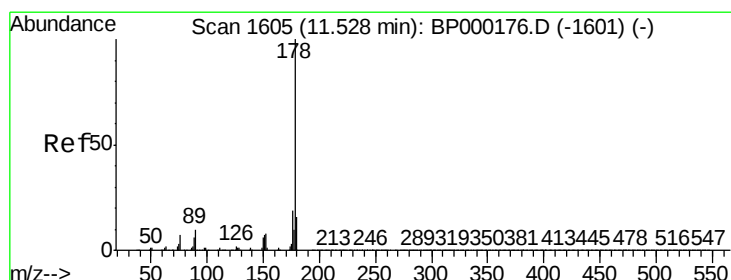
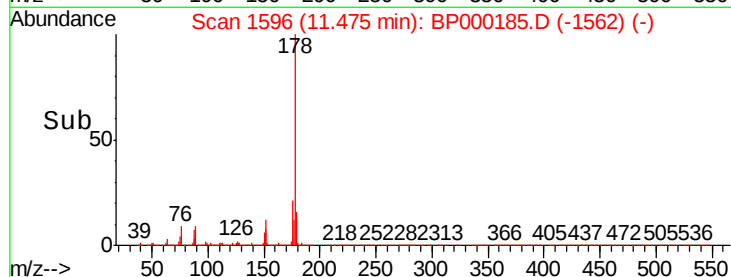
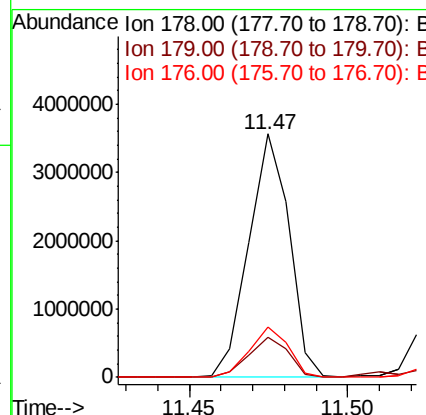
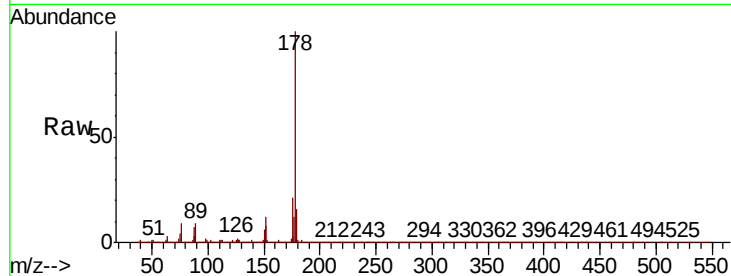
#70
Phenanthrene
Concen: 34.795 ng/ul
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BP000185.D
Acq: 10 Sep 2019 23:28

Instrument :
BNA_P
ClientSampleId :
F2D04

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.5	18.7
176	20.6	15.7	23.5

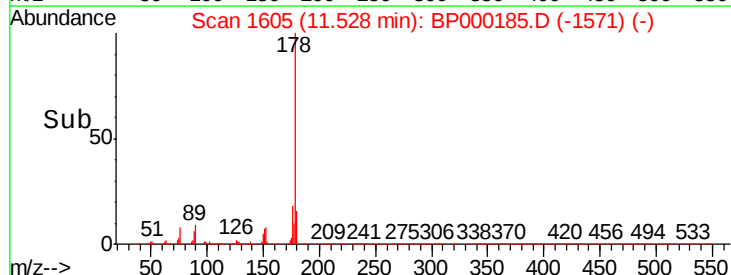
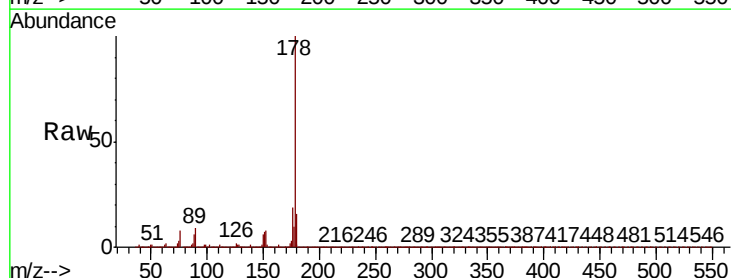
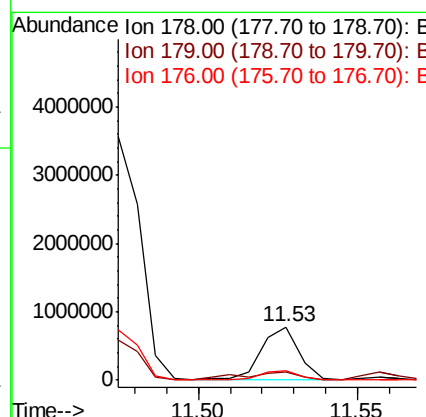
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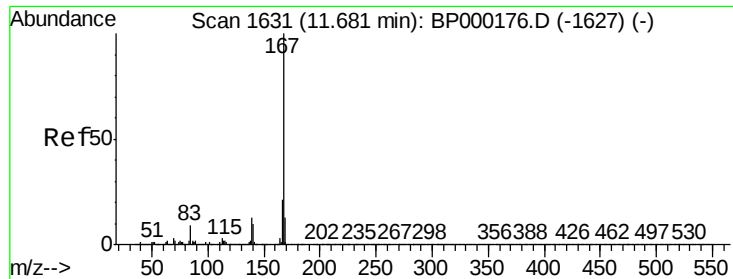
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#72
Anthracene
Concen: 7.230 ng/ul
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BP000185.D
Acq: 10 Sep 2019 23:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.5	15.1	22.7





#75

Carbazole

Concen: 6.782 ng/ul

RT: 11.68 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BP000185.D

Acq: 10 Sep 2019 23:28

Instrument :

BNA_P

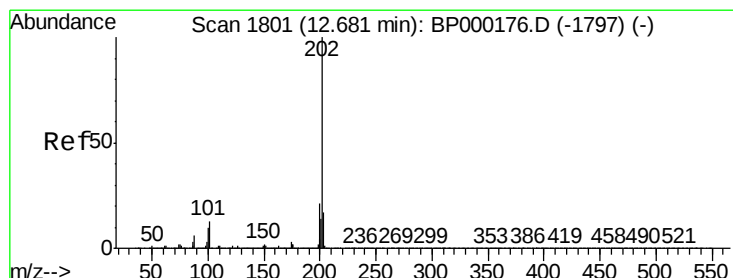
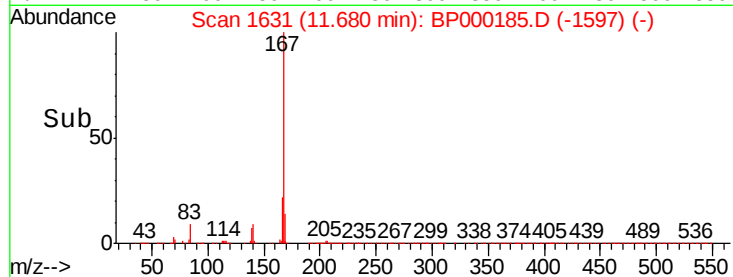
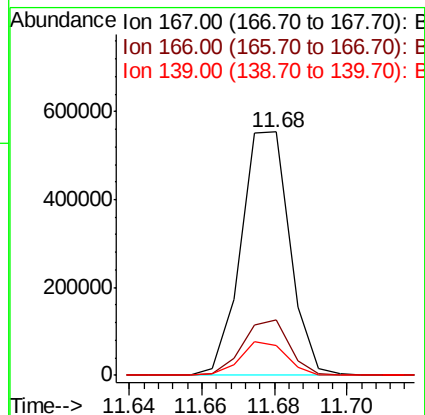
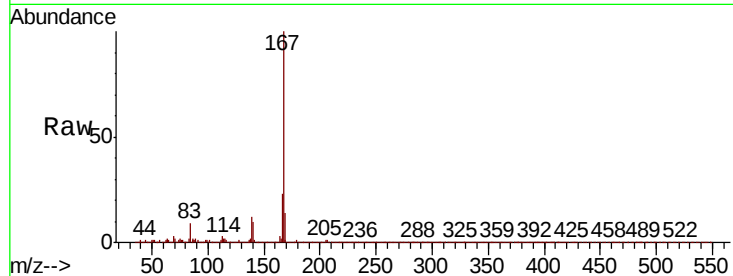
ClientSampleId :

F2D04

Tot Ion:	167	Resp:	517038
Ion Ratio	Lower	Upper	
167	100		
166	22.7	17.3	25.9
139	12.5	10.6	15.8

Manual Integrations
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#77

Fluoranthene

Concen: 55.428 ng/ul

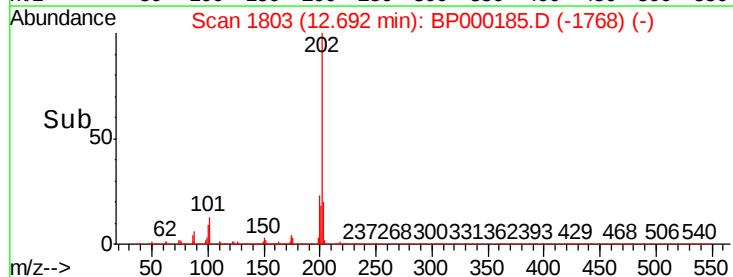
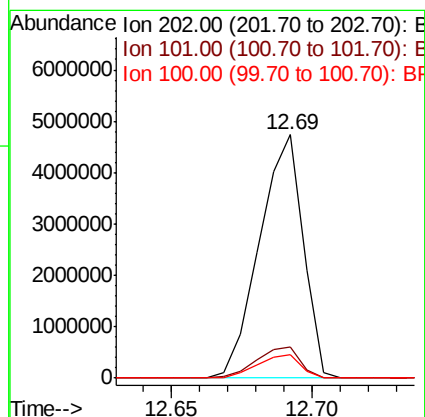
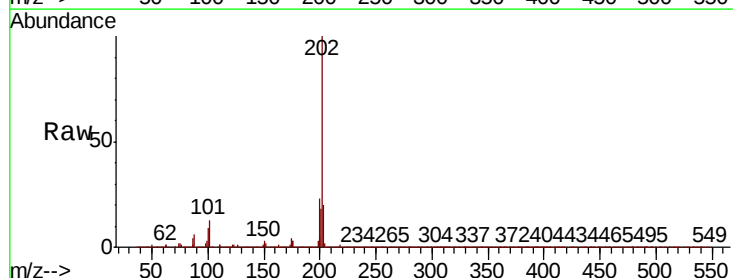
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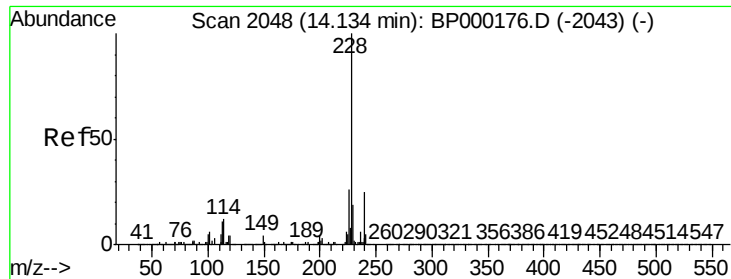
Delta R.T. 0.01 min

Lab File: BP000185.D

Acq: 10 Sep 2019 23:28

Tgt Ion:	202	Resp:	5065665
Ion Ratio	Lower	Upper	
202	100		
101	12.5	10.0	15.0
100	9.5	7.4	11.2





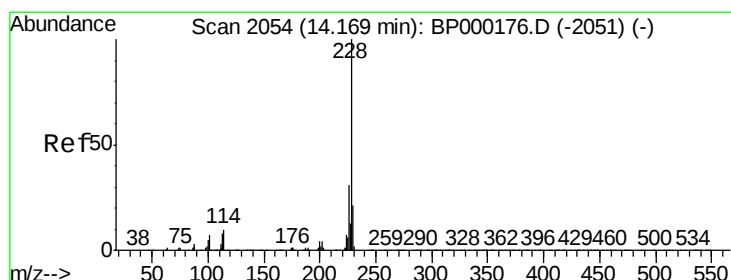
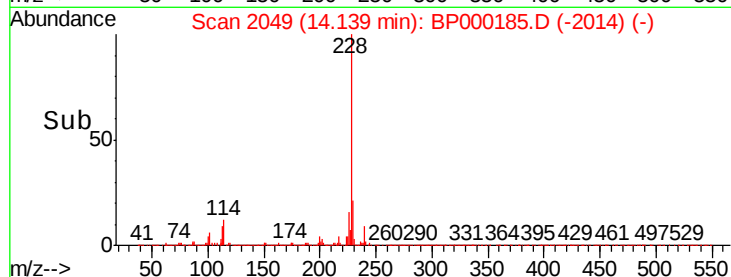
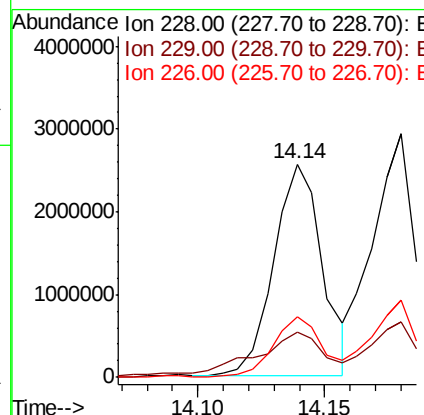
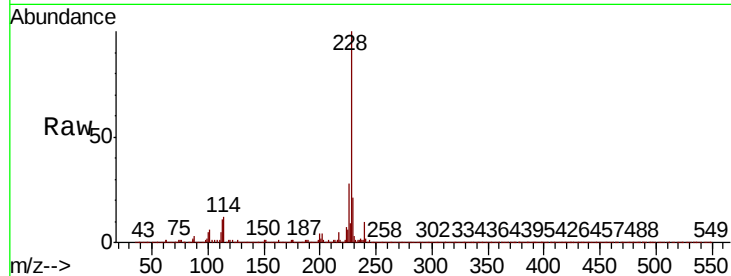
#83
Benzo(a)anthracene
Concen: 47.504 ng/ul
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BP000185.D
Acq: 10 Sep 2019 23:28

Instrument :
BNA_P
ClientSampleId :
F2D04

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.9	23.9
226	28.2	22.1	33.1

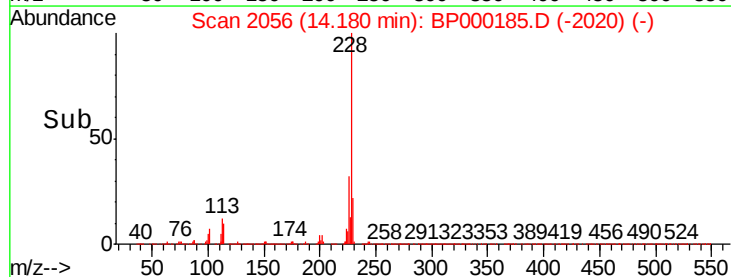
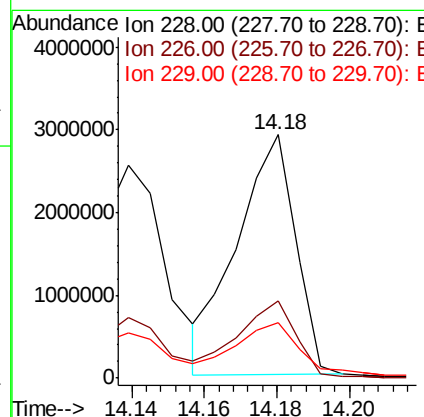
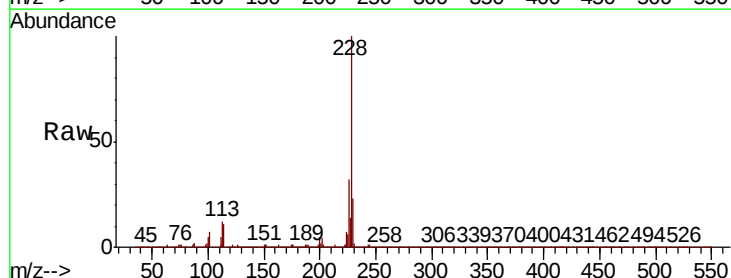
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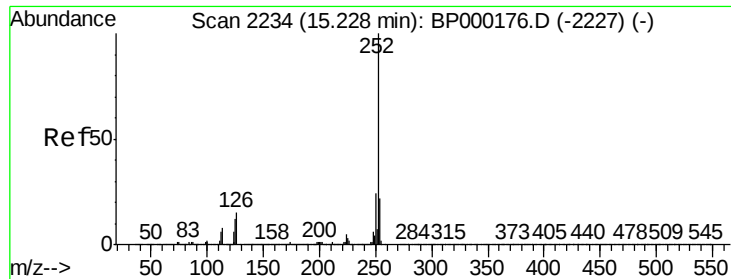
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#85
Chrysene
Concen: 49.219 ng/ul
RT: 14.18 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BP000185.D
Acq: 10 Sep 2019 23:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.4	36.6
229	23.0	16.0	24.0





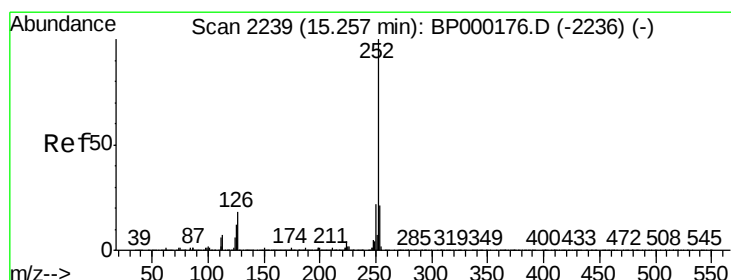
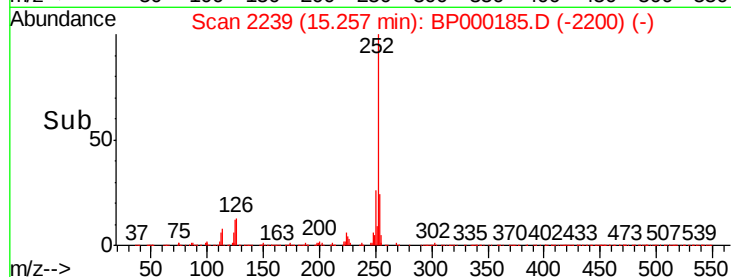
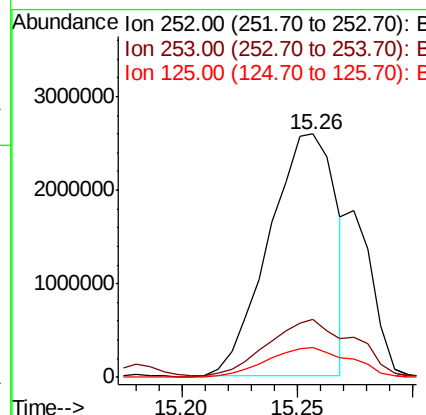
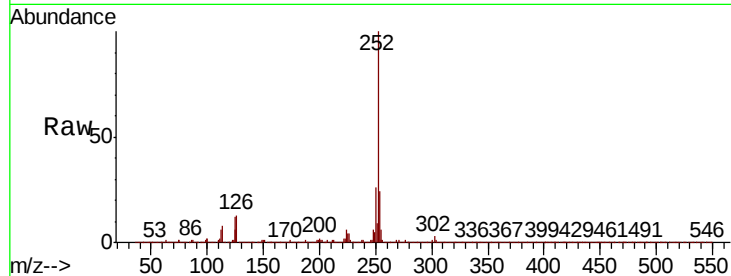
#88
Benzo(b)fluoranthene
Concen: 70.166 ng/ul m
RT: 15.26 min Scan# 2239
Delta R.T. 0.03 min
Lab File: BP000185.D
Acq: 10 Sep 2019 23:28

Instrument :
BNA_P
ClientSampleId :
F2D04

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	12.4	9.9	14.9

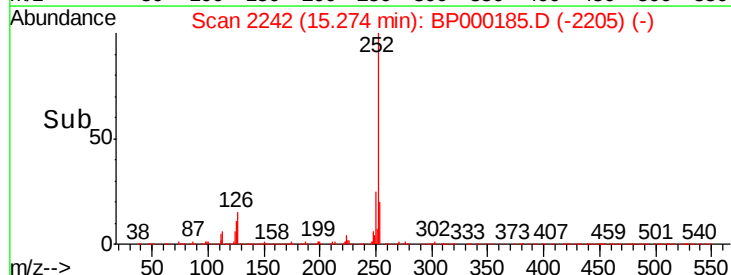
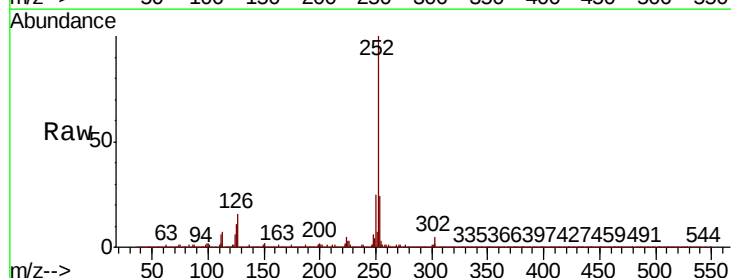
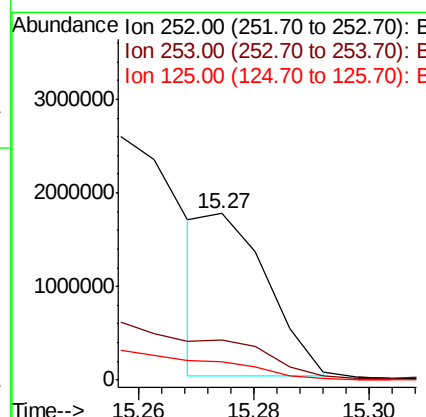
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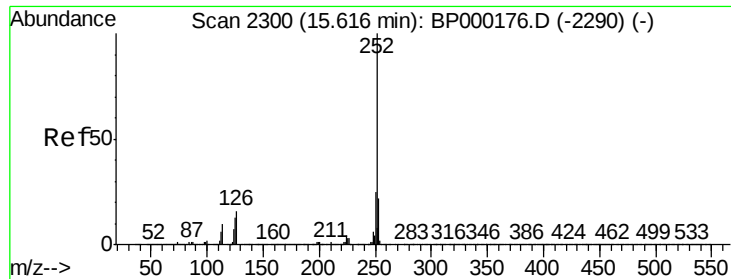
mohammad
9/12/2019 10:25:48 AM



#89
Benzo(k)fluoranthene
Concen: 18.337 ng/ul m
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BP000185.D
Acq: 10 Sep 2019 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	11.3	10.2	15.2





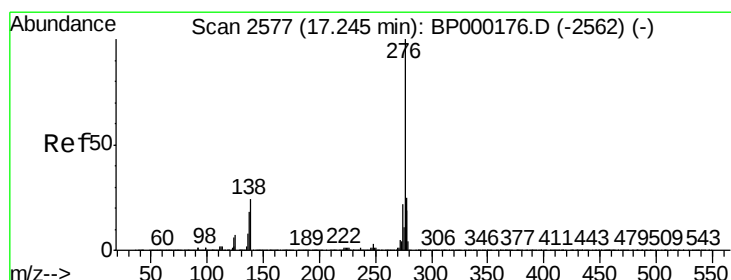
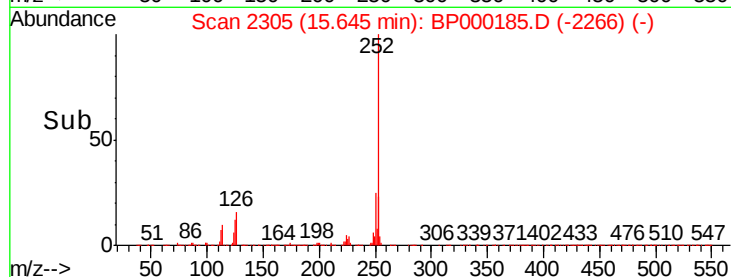
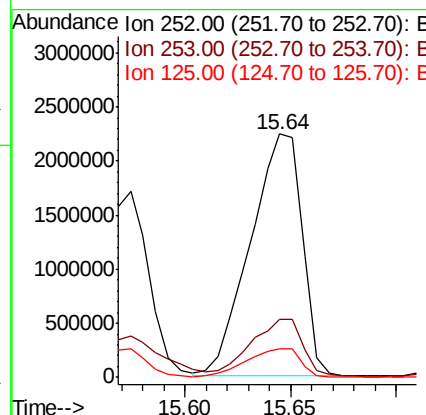
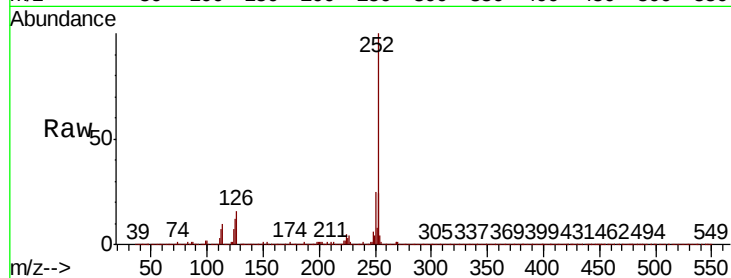
#91
Benzo(a)pyrene
Concen: 54.747 ng/ul
RT: 15.64 min Scan# 2305
Delta R.T. 0.03 min
Lab File: BP000185.D
Acq: 10 Sep 2019 23:28

Instrument :
BNA_P
ClientSampleId :
F2D04

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	11.9	10.2	15.2

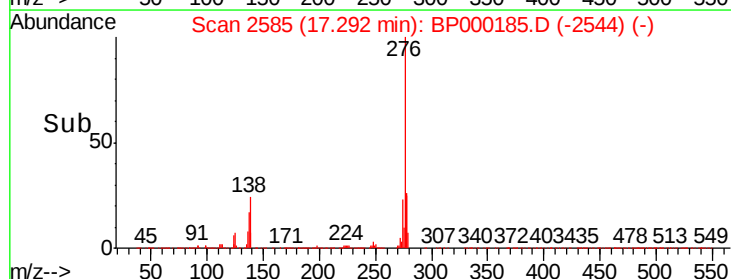
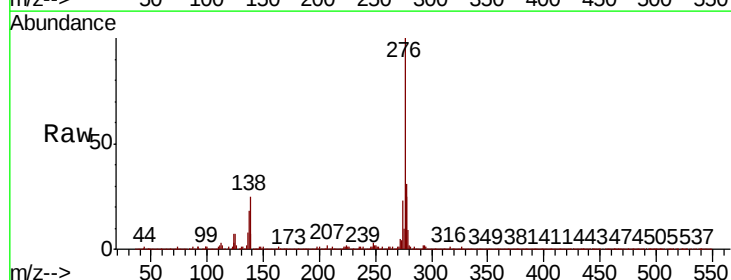
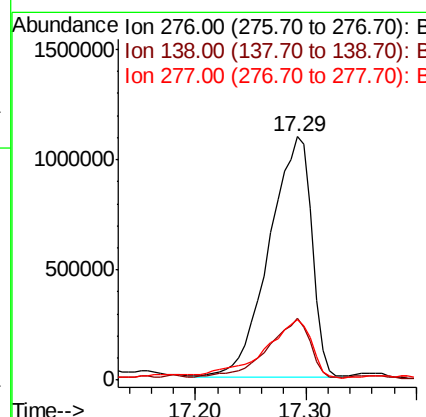
Manual Integrations
APPROVED

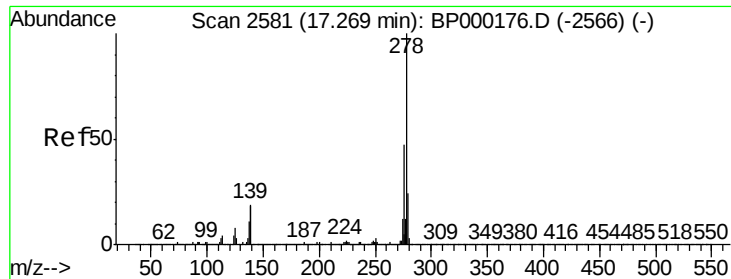
mohammad
9/12/2019 10:25:48 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 36.227 ng/ul m
RT: 17.29 min Scan# 2585
Delta R.T. 0.04 min
Lab File: BP000185.D
Acq: 10 Sep 2019 23:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.0	30.0
277	25.1	19.4	29.0





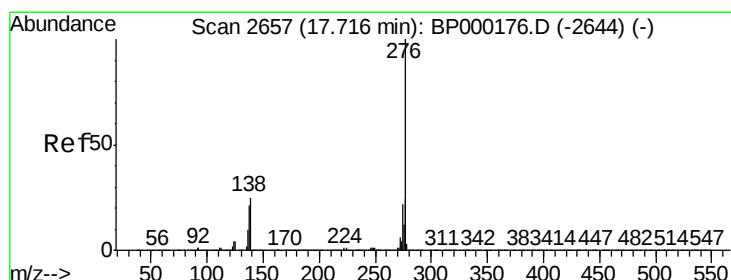
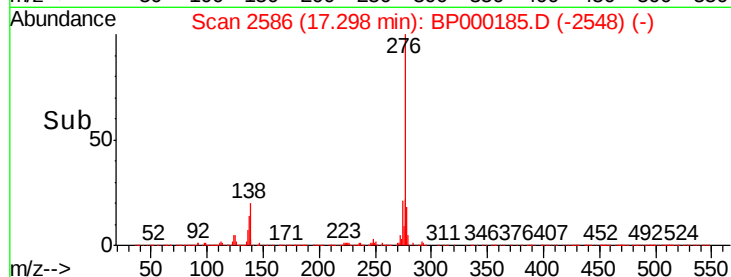
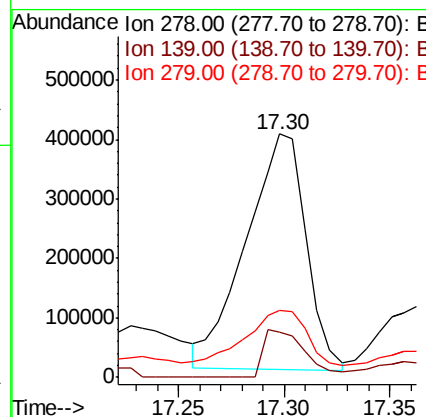
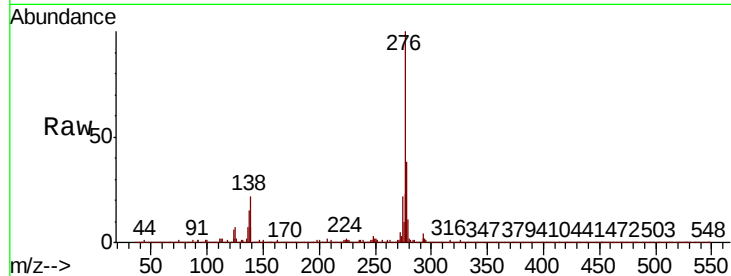
#93
Dibenzo(a,h)anthracene
Concen: 11.761 ng/ul
RT: 17.30 min Scan# 2586
Delta R.T. 0.02 min
Lab File: BP000185.D
Acq: 10 Sep 2019 23:28

Instrument :
BNA_P
ClientSampled :
F2D04

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.1	22.7
279	27.7	19.2	28.8

Manual Integrations
APPROVED

mohammad
9/12/2019 10:25:48 AM



#94
Benzo(g,h,i)perylene
Concen: 36.516 ng/ul
RT: 17.76 min Scan# 2664
Delta R.T. 0.04 min
Lab File: BP000185.D
Acq: 10 Sep 2019 23:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	20.0	30.0
277	22.3	19.1	28.7

