

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000182.D
 Acq On : 10 Sep 2019 22:15
 Operator : HP/JU
 Sample : K4634-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D29

Manual Integrations
 APPROVED

mohammad
 9/12/2019 9:29:53 AM

Quant Time: Sep 11 03:55:36 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	466725	20.00	ng/ul	0.00
18) Naphthalene-d8	8.17	136	1787851	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	944677	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1565670	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1017518	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1117369	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.62	96	32556	2.47	ng/uL	0.01
5) Phenol-d5	6.51	99	628207	15.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	328267	15.79	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	515153	16.02	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	452030	15.14	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	250698	18.47	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	264820	20.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	466482	16.63	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	279796	8.07	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1289976	18.49	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1538848	17.85	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	133585	10.72	ng/ul	0.00
58) Fluorene-d10	10.47	176	1023128	17.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	64538	8.97	ng/ul	0.00
71) Anthracene-d10	11.50	188	1363037	17.98	ng/ul	0.00
79) Pyrene-d10	12.90	212	1301096	21.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.60	264	1130213	19.51	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	6.52	94	146578	3.538	ng/ul 99
14) Acetophenone	7.29	105	160615	3.584	ng/ul 98
28) Naphthalene	8.20	128	205414	2.109	ng/ul 99
45) Dimethylphthalate	9.65	163	356157	5.060	ng/ul 99
50) Acenaphthene	9.97	153	467863	7.497	ng/ul 97
54) Dibenzofuran	10.15	168	152380	1.780	ng/ul 97
59) Fluorene	10.50	166	203520	3.073	ng/ul 98
70) Phenanthrene	11.47	178	2969440	32.071	ng/ul 98
72) Anthracene	11.52	178	596813	6.551	ng/ul 99
75) Carbazole	11.67	167	469038	6.021	ng/ul 98
77) Fluoranthene	12.69	202	5088171	54.485	ng/ul 99
80) Pyrene	12.92	202	4773515	62.182	ng/ul 96
83) Benzo(a)anthracene	14.14	228	3174557	43.100	ng/ul 96
85) Chrysene	14.17	228	3356646	49.663	ng/ul 99
88) Benzo(b)fluoranthene	15.25	252	5649569m	76.287	ng/ul
89) Benzo(k)fluoranthene	15.27	252	1106593m	15.852	ng/ul
91) Benzo(a)pyrene	15.65	252	3735239	53.757	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	17.29	276	2853941	35.703	ng/ul 97
93) Dibenzo(a,h)anthracene	17.29	278	698877	10.555	ng/ul 97
94) Benzo(g,h,i)perylene	17.76	276	2733937	41.020	ng/ul 97

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

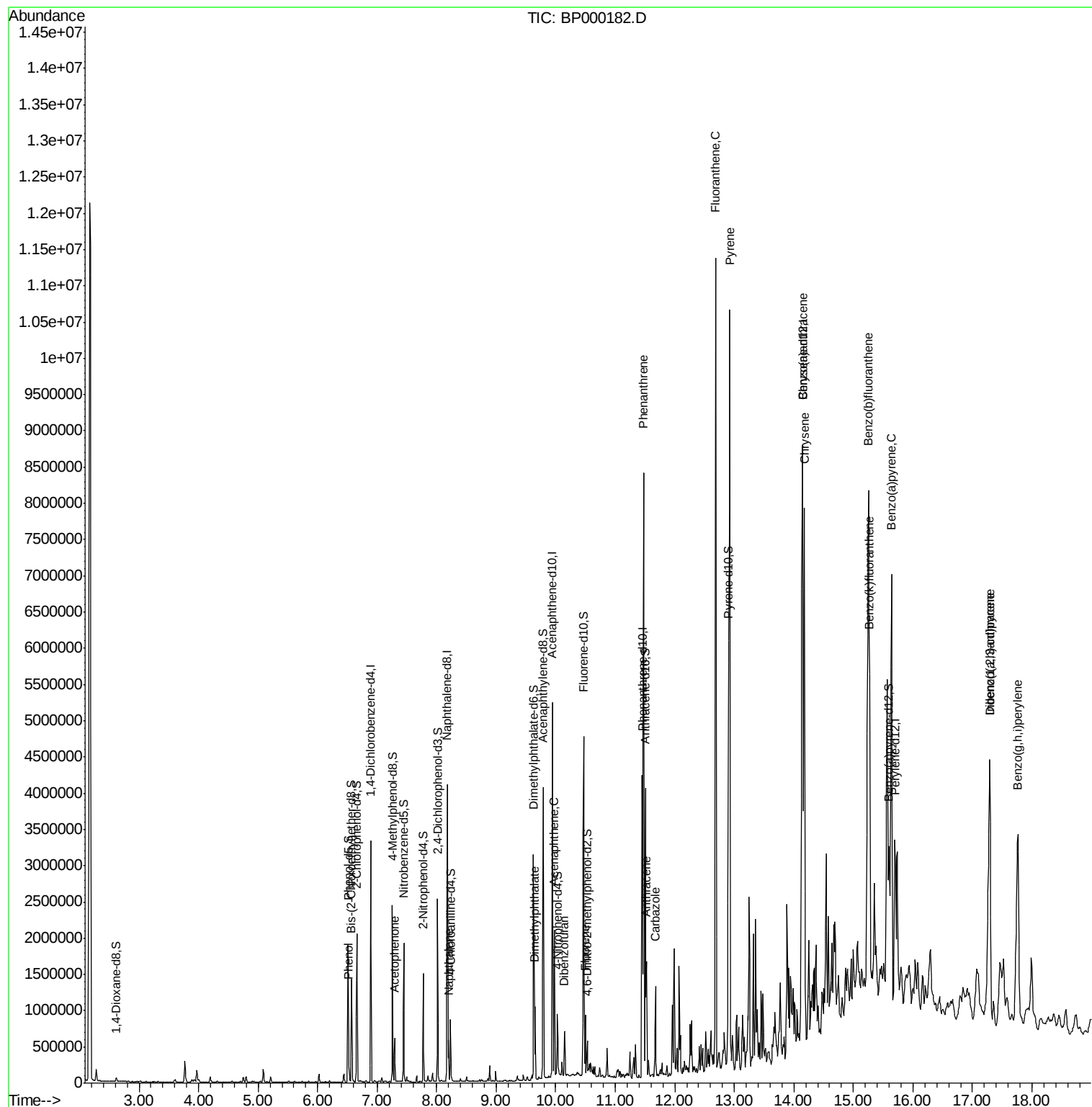
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000182.D
Acq On : 10 Sep 2019 22:15
Operator : HP/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

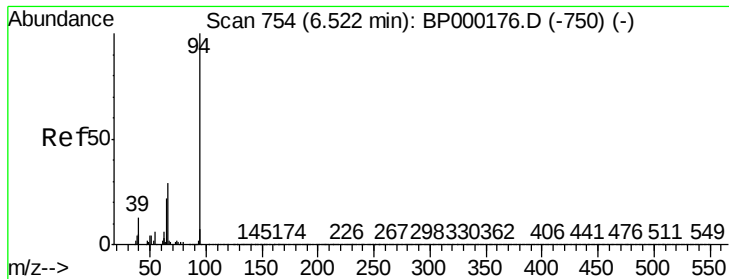
Instrument :
BNA_P
ClientSampleId :
F2D29

Quant Time: Sep 11 03:55:36 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: 3.538 ng/ul

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

Instrument :

BNA_P

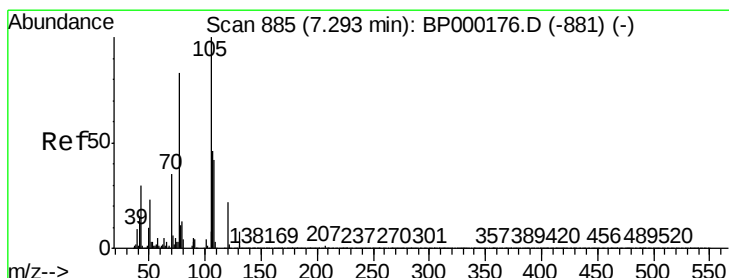
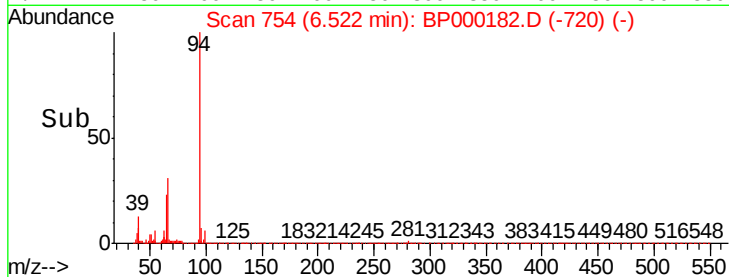
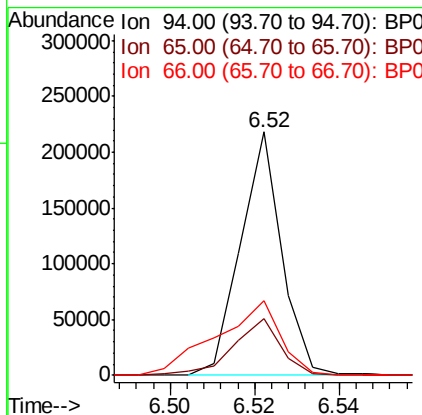
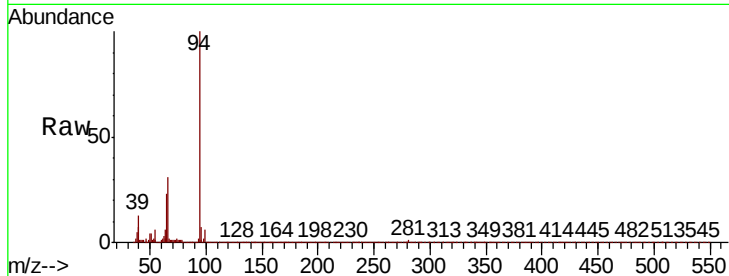
ClientSampled :

F2D29

Tot Ion:	94	Resp:	146578
Ion Ratio	Lower	Upper	
94	100		
65	23.3	18.8	28.2
66	30.8	24.2	36.2

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#14

Acetophenone

Concen: 3.584 ng/ul

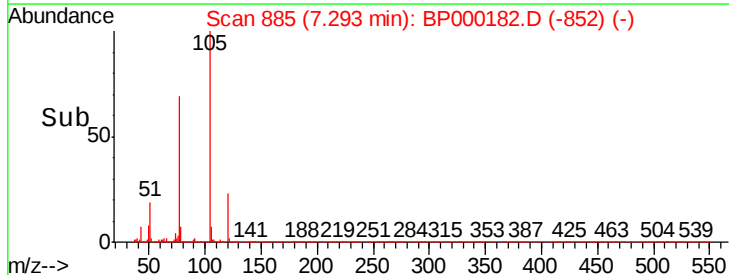
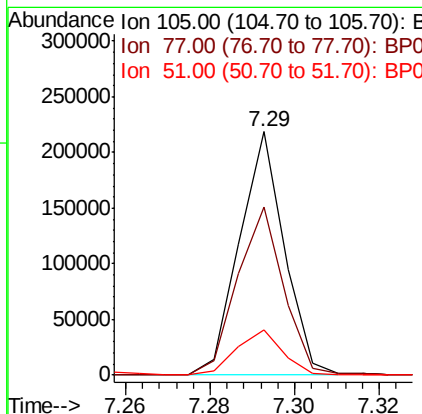
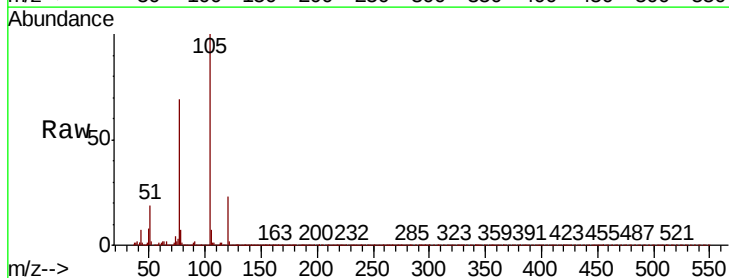
RT: 7.29 min Scan# 885

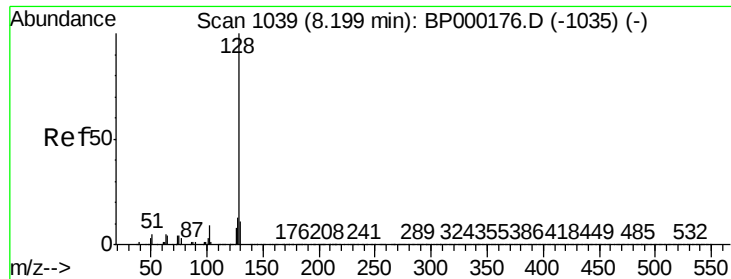
Delta R.T. -0.01 min

Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

Tgt Ion:	105	Resp:	160615
Ion Ratio	Lower	Upper	
105	100		
77	69.2	57.2	85.8
51	18.7	14.7	22.1





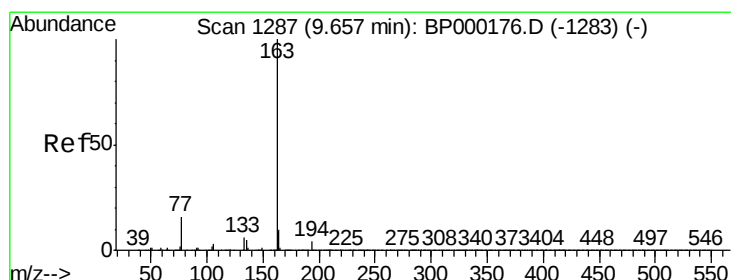
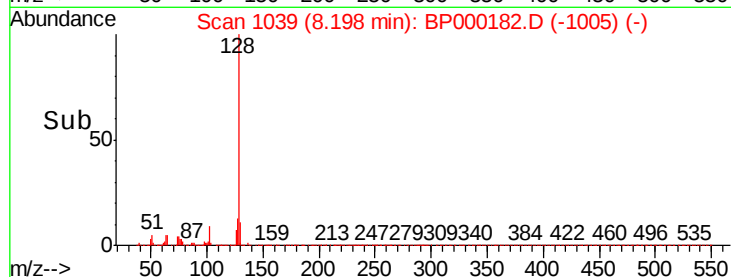
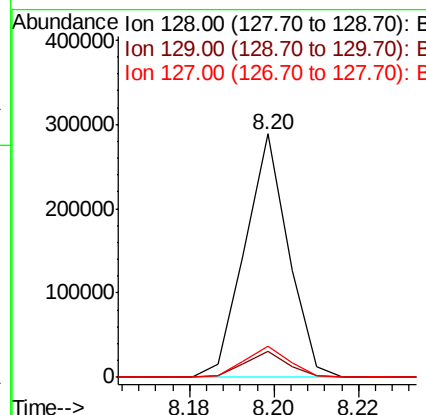
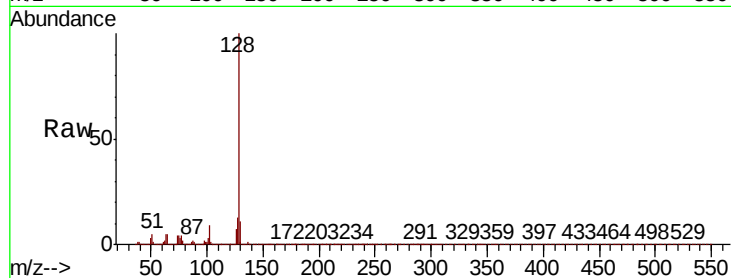
#28
Naphthalene
Concen: 2.109 ng/ul
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Instrument :
BNA_P
ClientSampleId :
F2D29

Tot Ion	Ratio	Resp	Lower	Upper
128	100	205414		
129	10.9		9.1	13.7
127	12.9		10.7	16.1

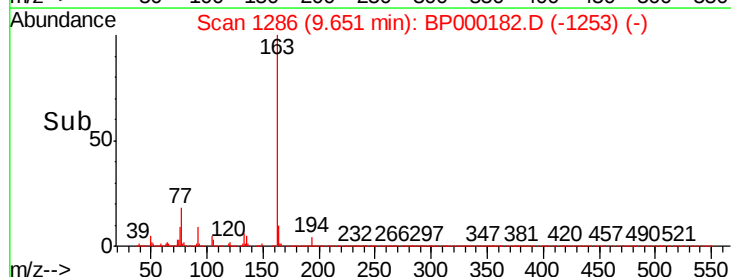
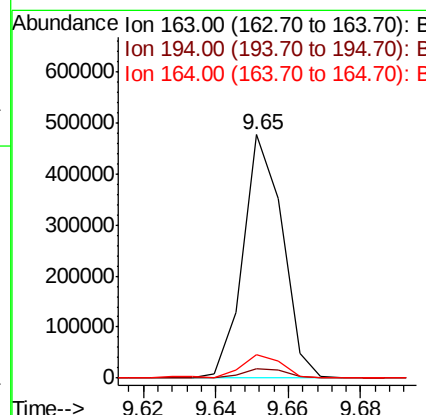
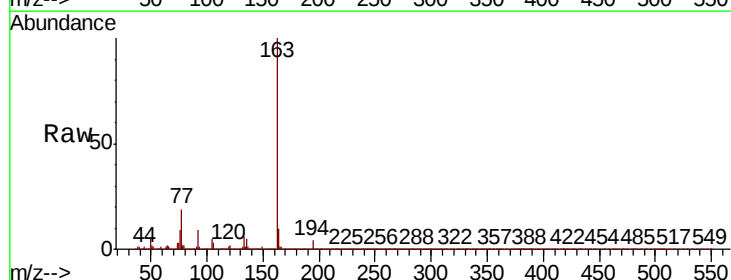
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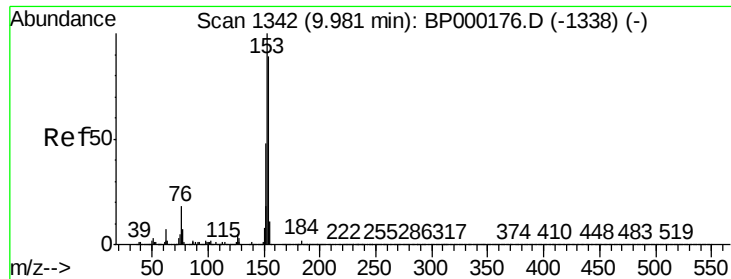
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#45
Dimethylphthalate
Concen: 5.060 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	356157		
194	4.0		3.2	4.8
164	9.8		8.4	12.6





#50

Acenaphthene

Concen: 7.497 ng/ul

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

Instrument :

BNA_P

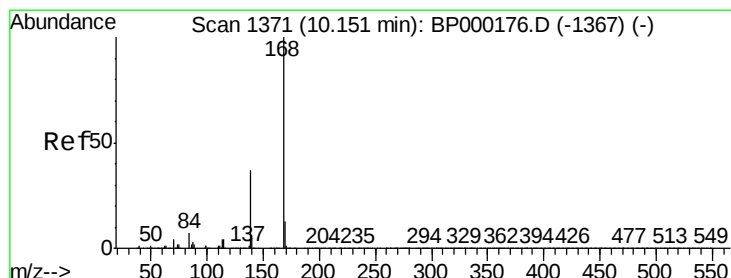
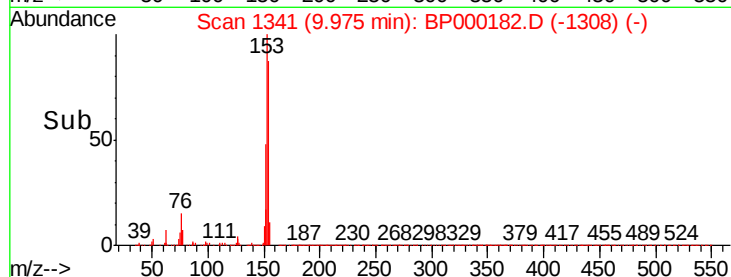
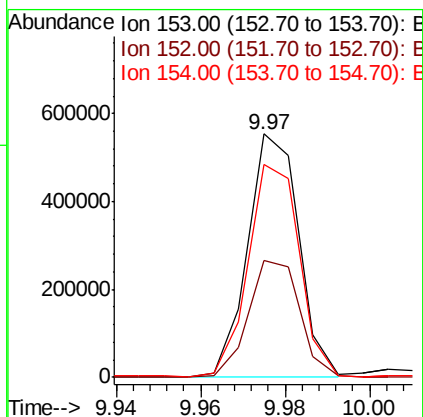
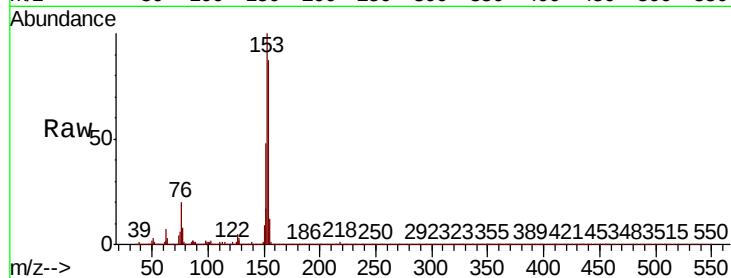
ClientSampleId :

F2D29

Tot Ion:	153	Resp:	467863
Ion Ratio	Lower	Upper	
153	100		
152	48.2	38.0	57.0
154	87.5	72.6	108.8

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#54

Dibenzofuran

Concen: 1.780 ng/ul

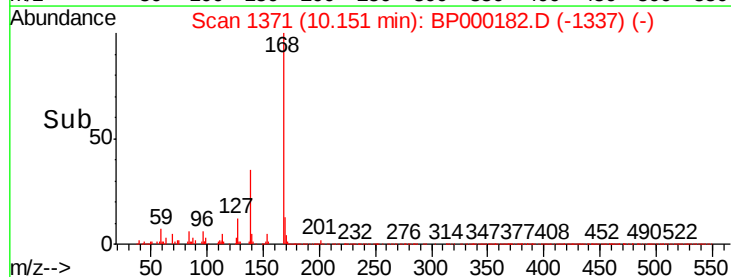
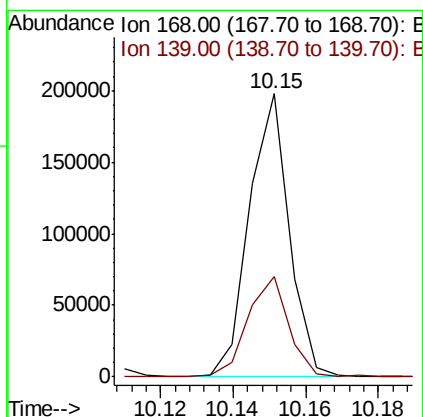
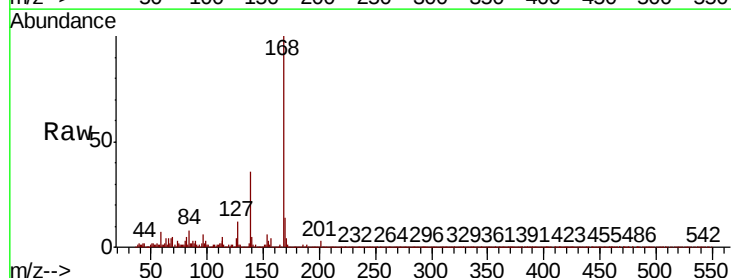
RT: 10.15 min Scan# 1371

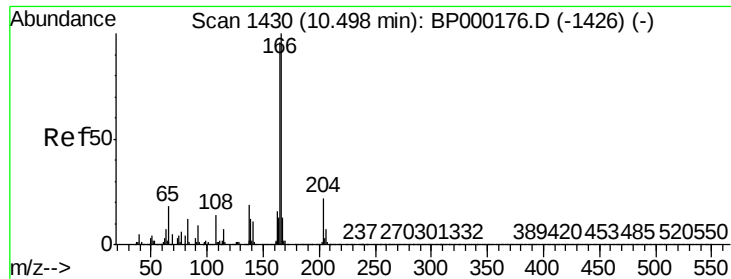
Delta R.T. -0.00 min

Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

Tgt Ion:	168	Resp:	152380
Ion Ratio	Lower	Upper	
168	100		
139	35.5	30.0	45.0





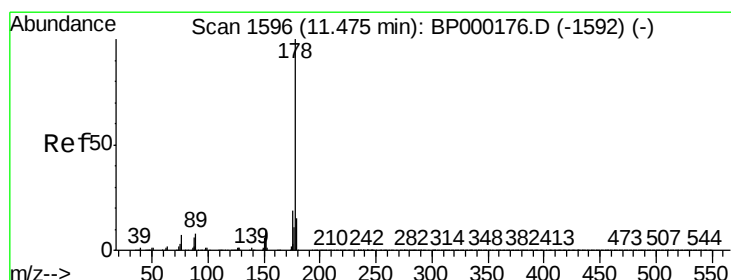
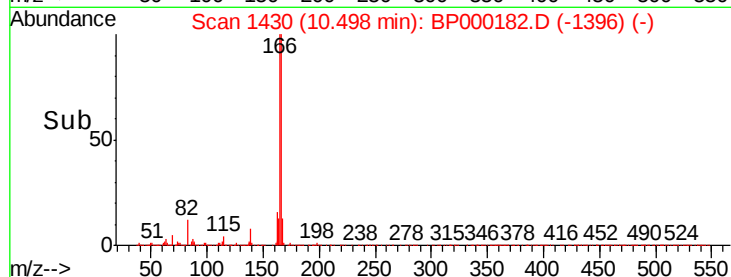
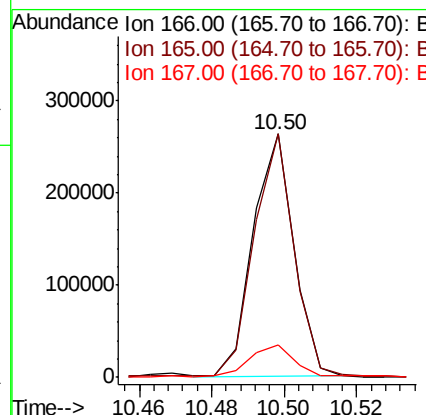
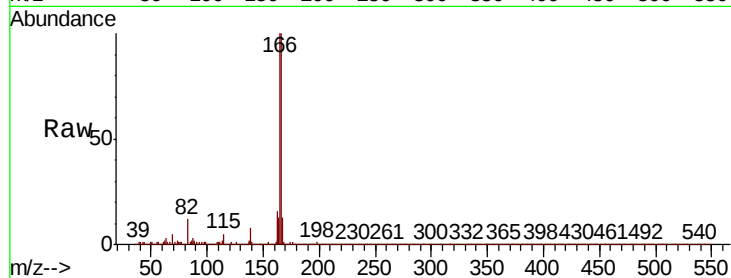
#59
Fluorene
Concen: 3.073 ng/ul
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Instrument :
BNA_P
ClientSampleId :
F2D29

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.8	116.8
167	13.3	10.9	16.3

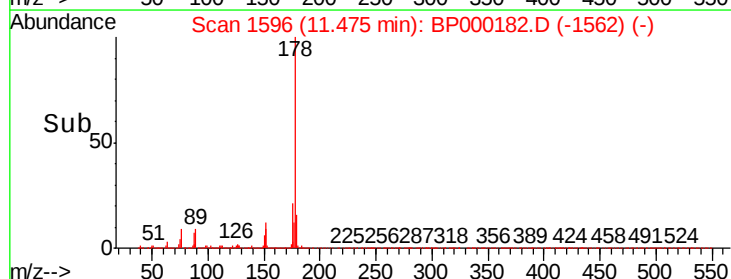
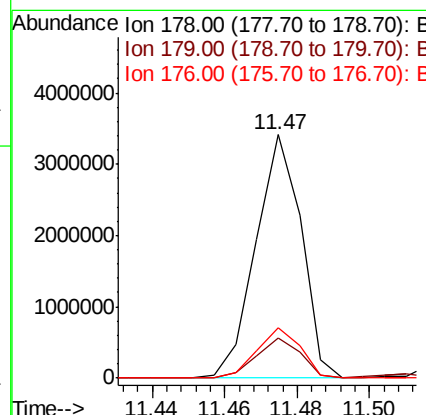
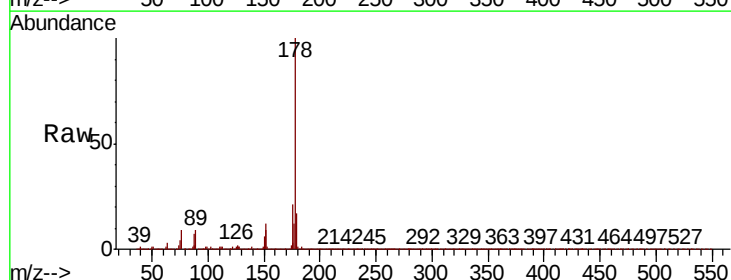
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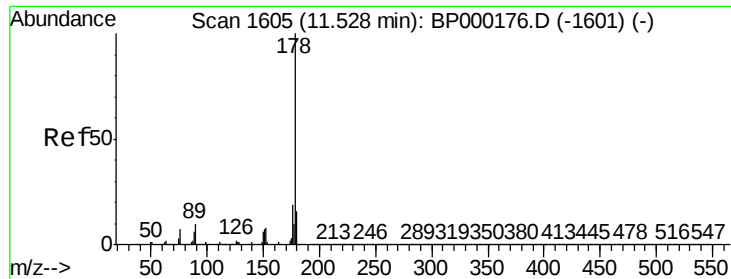
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#70
Phenanthrene
Concen: 32.071 ng/ul
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.5	18.7
176	20.7	15.7	23.5





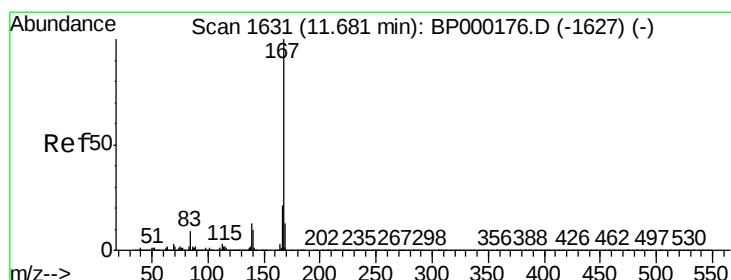
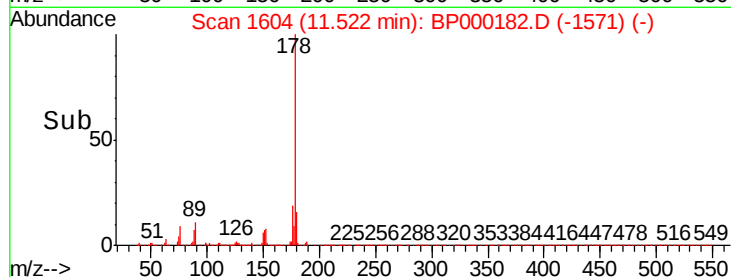
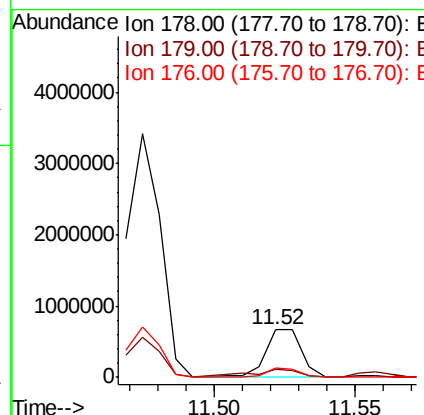
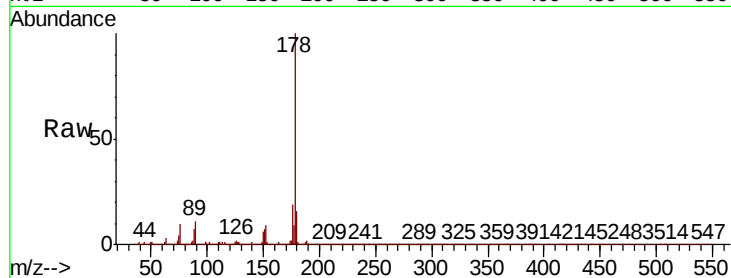
#72
 Anthracene
 Concen: 6.551 ng/ul
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BP000182.D
 Acq: 10 Sep 2019 22:15

Instrument :
 BNA_P
 ClientSampled :
 F2D29

Tot Ion:	178	Resp:	596813
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	18.8	15.1	22.7

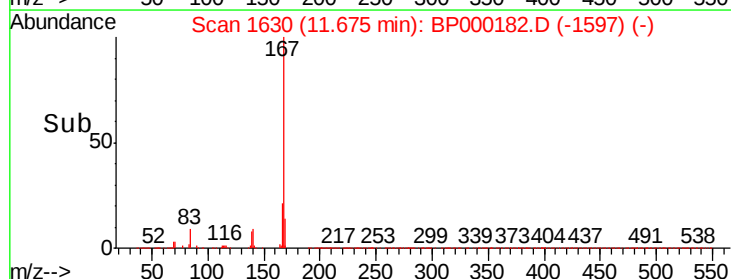
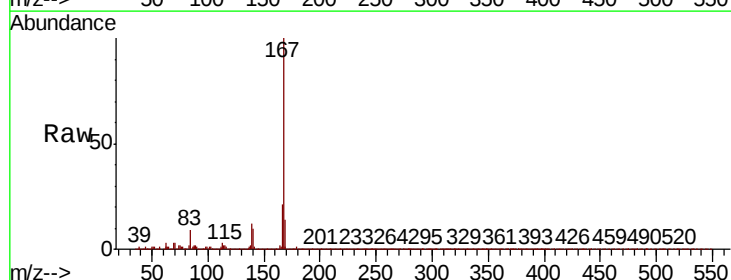
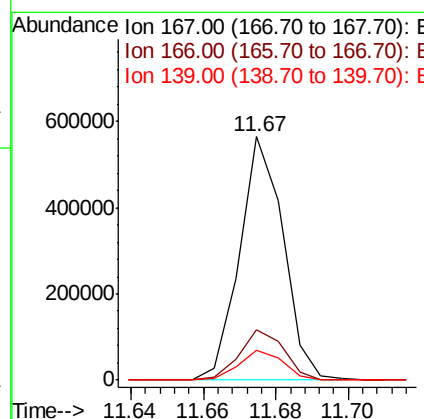
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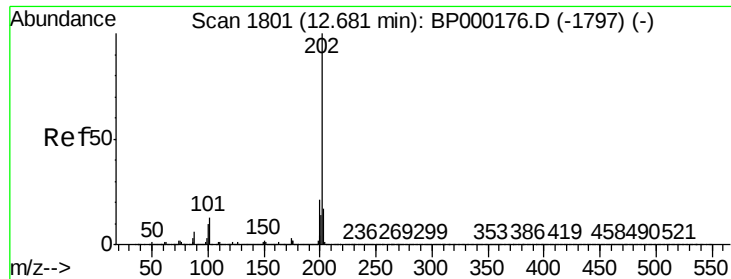
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#75
 Carbazole
 Concen: 6.021 ng/ul
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BP000182.D
 Acq: 10 Sep 2019 22:15

Tgt Ion:	167	Resp:	469038
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.3	25.9
139	12.3	10.6	15.8





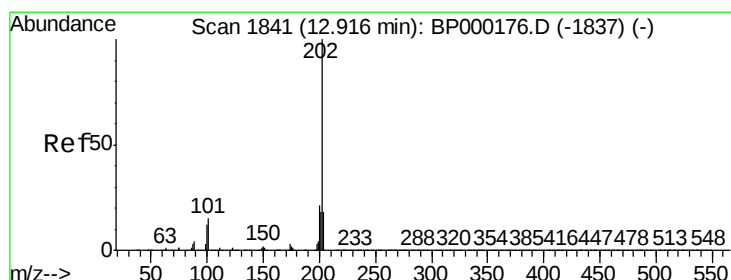
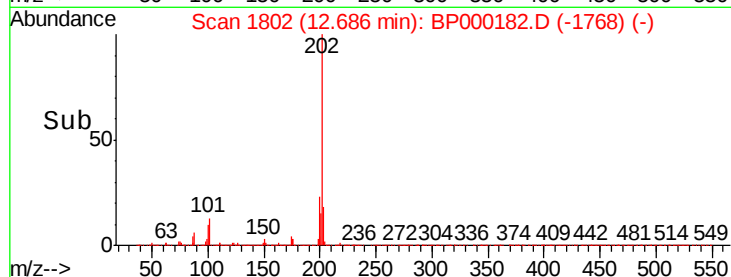
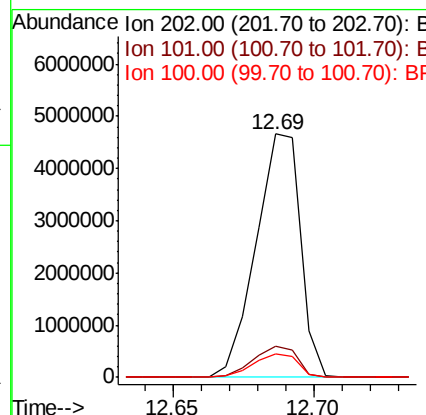
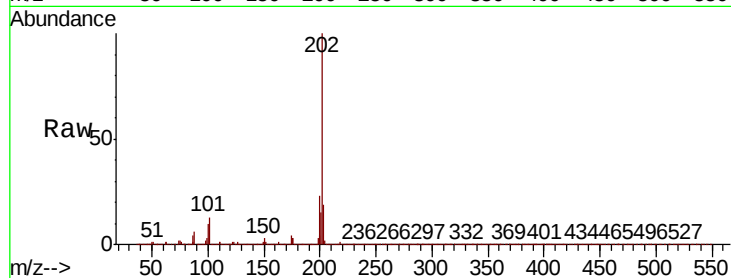
#77
Fluoranthene
Concen: 54.485 ng/ul
RT: 12.69 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Instrument :
BNA_P
ClientSampleId :
F2D29

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.0	15.0
100	9.8	7.4	11.2

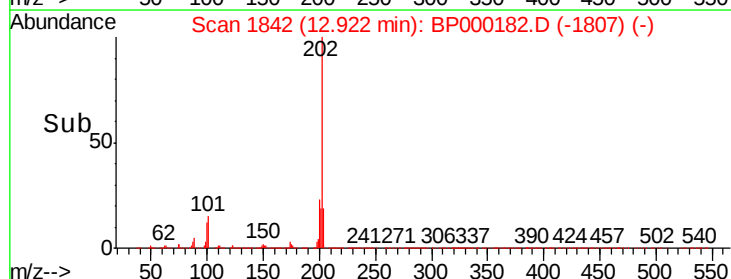
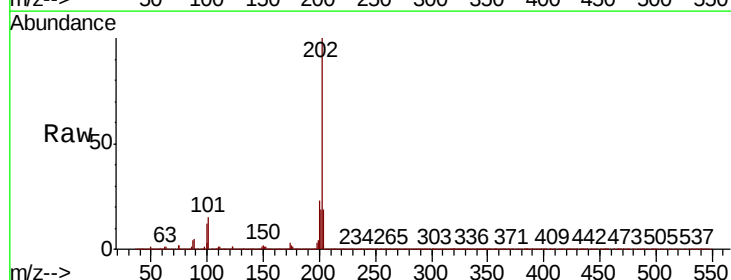
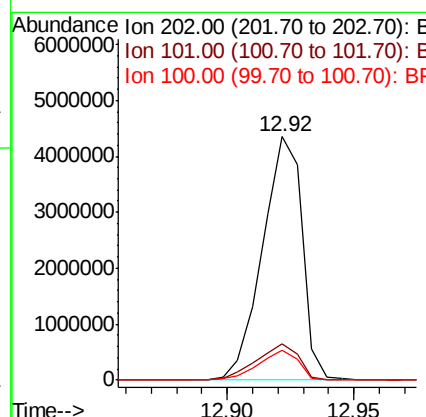
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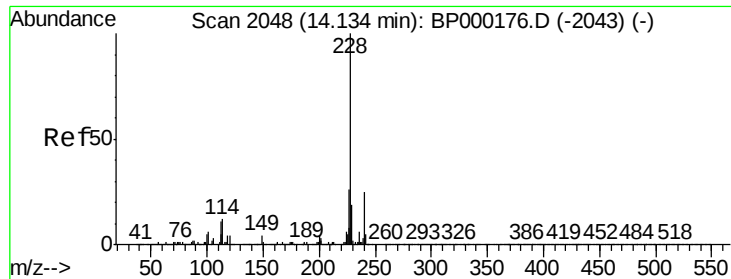
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#80
Pyrene
Concen: 62.182 ng/ul
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	13.4	20.0
100	12.3	10.8	16.2





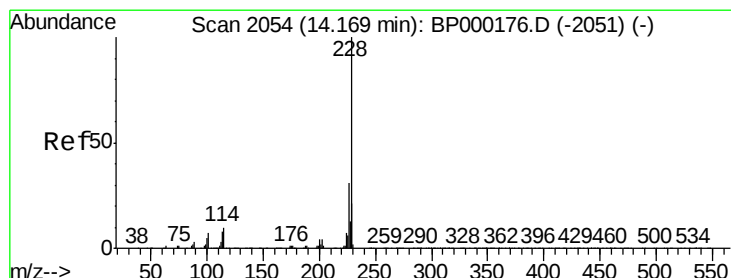
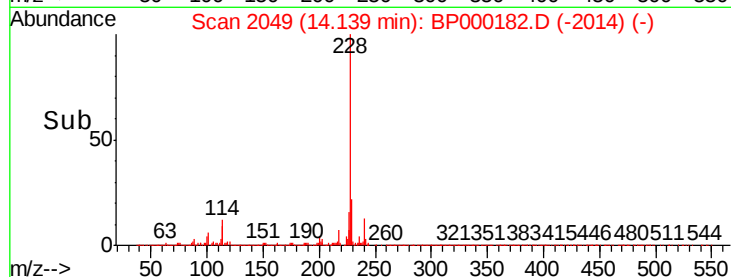
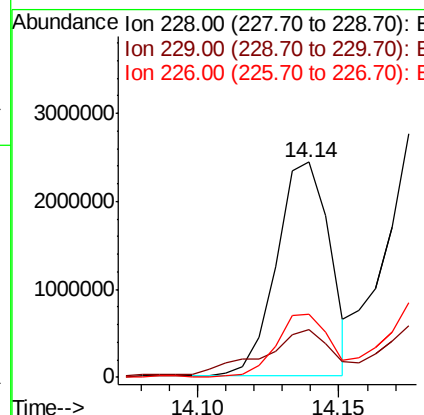
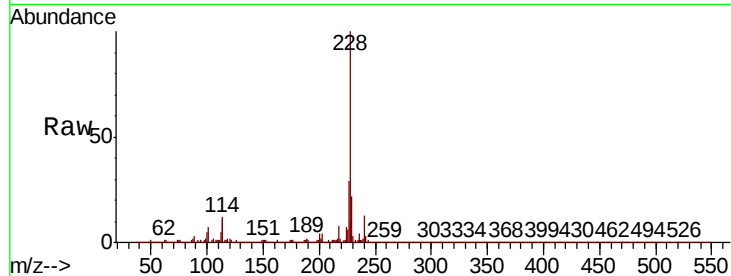
#83
Benzo(a)anthracene
Concen: 43.100 ng/ul
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Instrument :
BNA_P
ClientSampleId :
F2D29

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.9	23.9
226	29.3	22.1	33.1

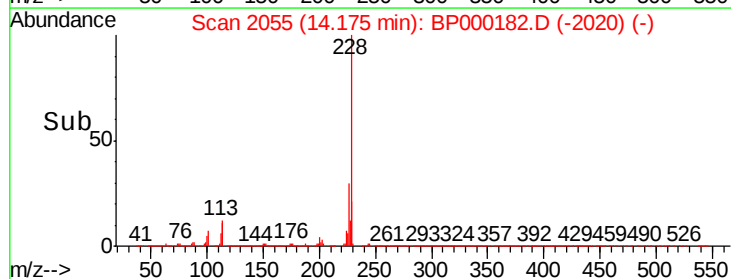
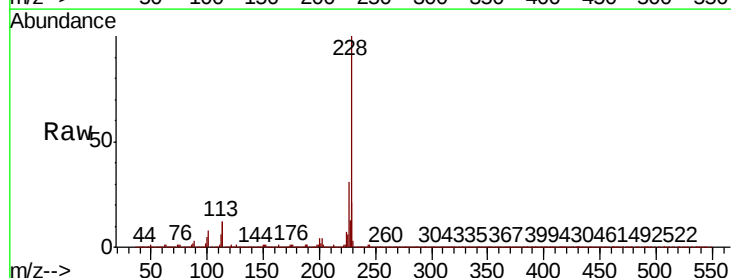
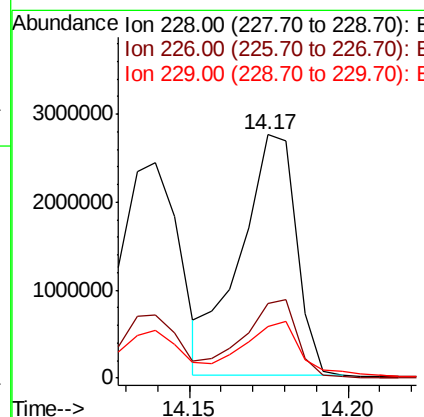
Manual Integrations
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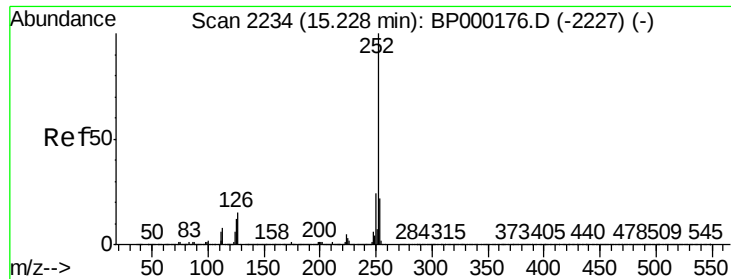
mohammad
9/12/2019 9:29:53 AM



#85
Chrysene
Concen: 49.663 ng/ul
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	21.3	16.0	24.0





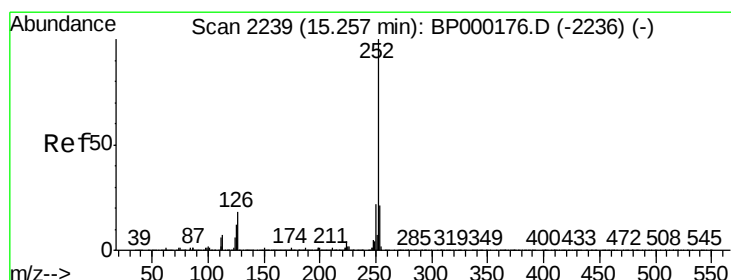
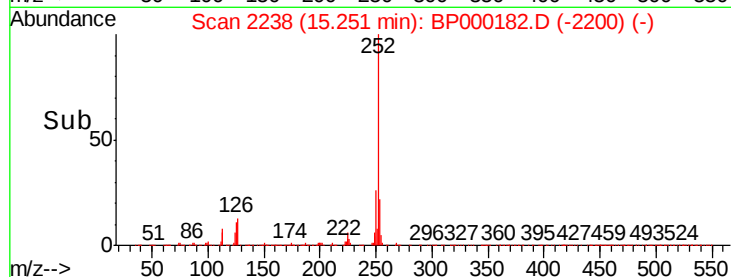
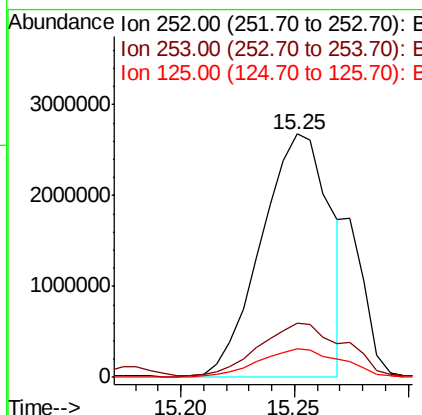
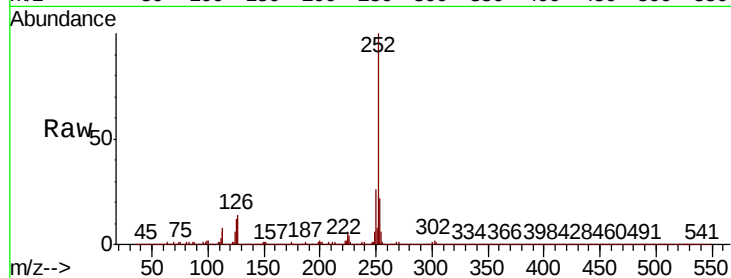
#88
Benzo(b)fluoranthene
Concen: 76.287 ng/ul m
RT: 15.25 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Instrument :
BNA_P
ClientSampleId :
F2D29

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.6	9.9	14.9

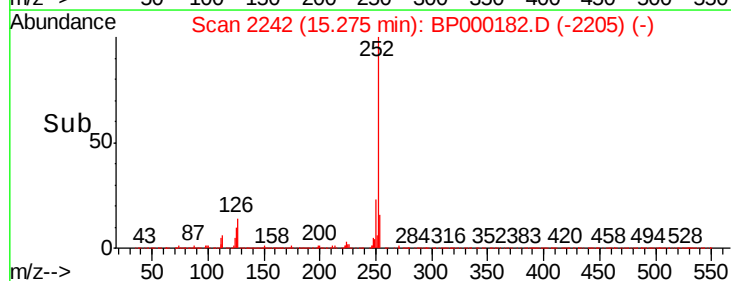
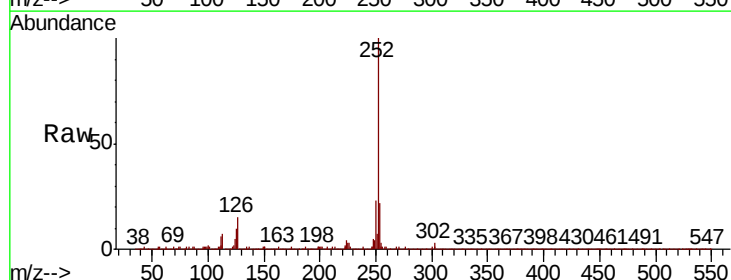
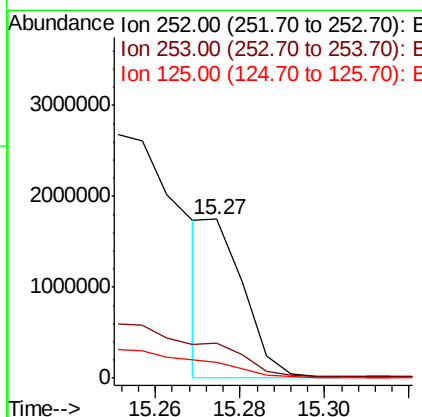
Manual Integrations
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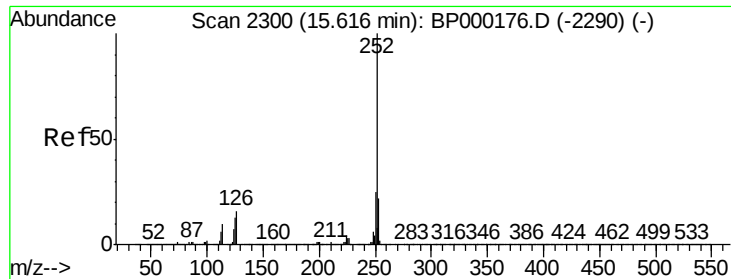
mohammad
9/12/2019 9:29:53 AM



#89
Benzo(k)fluoranthene
Concen: 15.852 ng/ul m
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.2	10.2	15.2





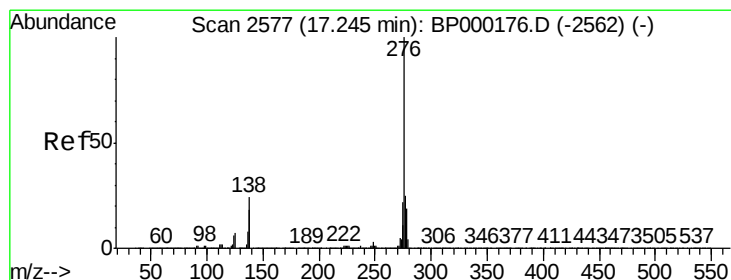
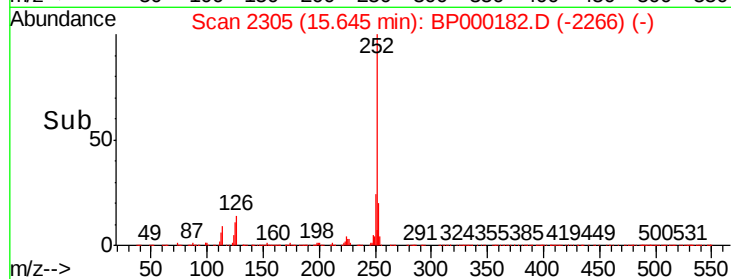
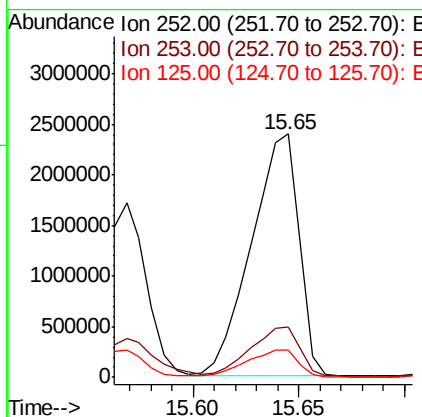
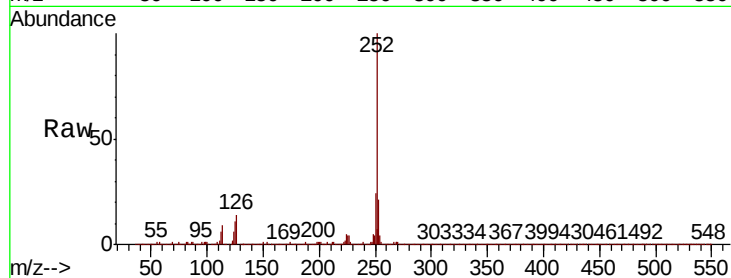
#91
Benzo(a)pyrene
Concen: 53.757 ng/u1
RT: 15.65 min Scan# 2305
Delta R.T. 0.03 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Instrument :
BNA_P
ClientSampleId :
F2D29

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.5	26.3
125	11.0	10.2	15.2

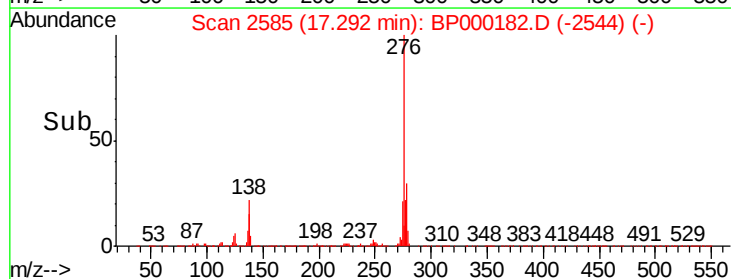
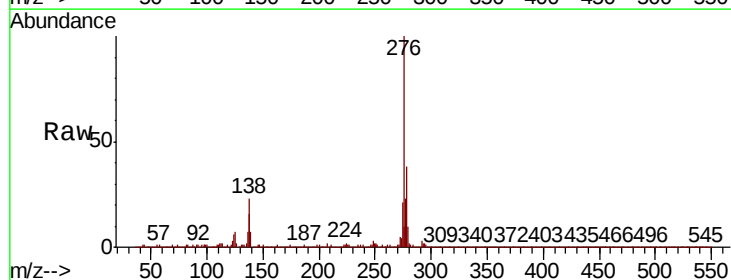
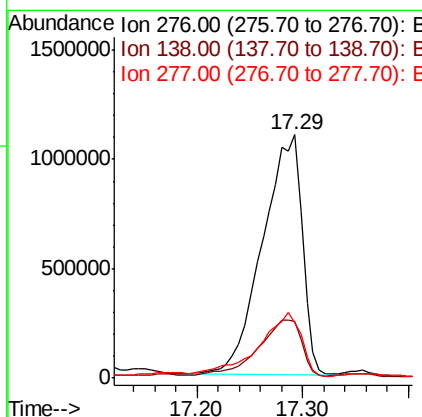
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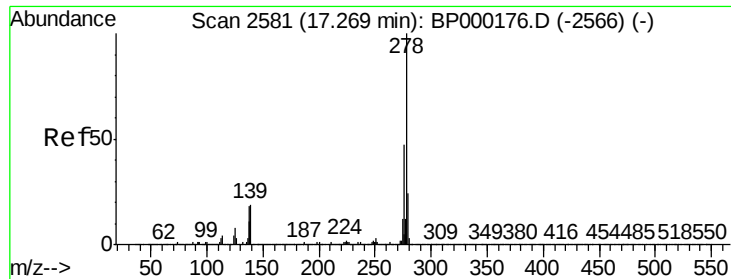
mohammad
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#92
Indeno(1,2,3-cd)pyrene
Concen: 35.703 ng/u1
RT: 17.29 min Scan# 2585
Delta R.T. 0.04 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.0	30.0
277	23.0	19.4	29.0





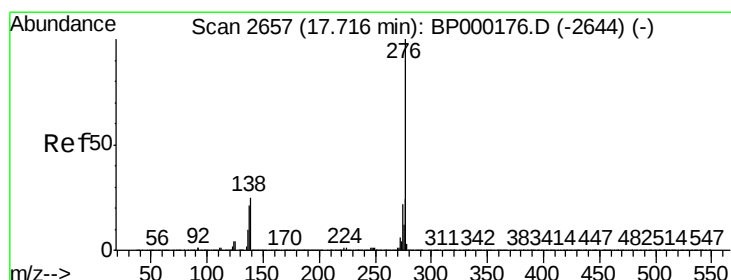
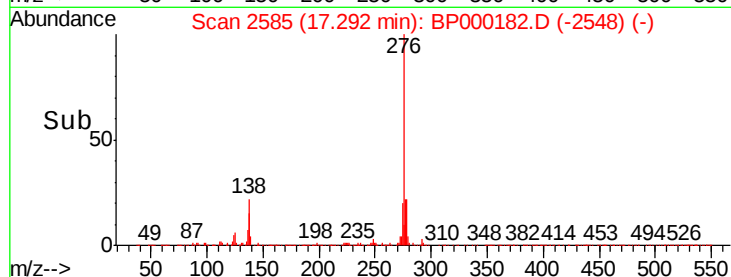
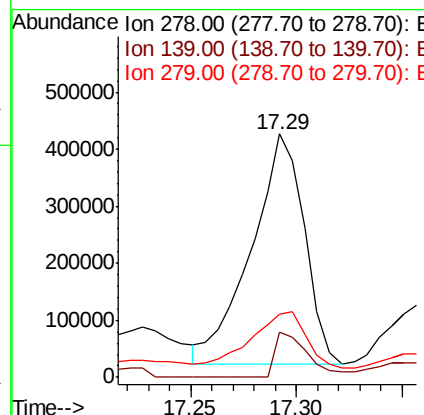
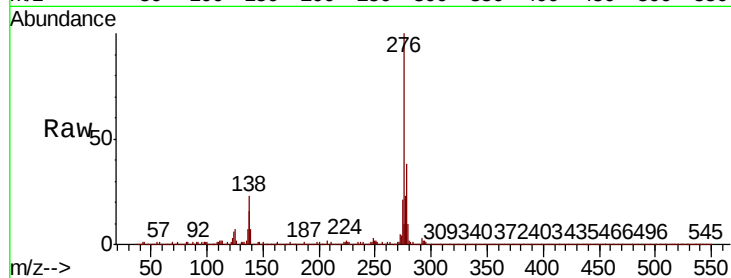
#93
Dibenzo(a,h)anthracene
Concen: 10.555 ng/u1
RT: 17.29 min Scan# 2585
Delta R.T. 0.02 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Instrument :
BNA_P
ClientSampled :
F2D29

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.1	22.7
279	26.1	19.2	28.8

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 41.020 ng/u1
RT: 17.76 min Scan# 2665
Delta R.T. 0.04 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.0	30.0
277	27.2	19.1	28.7

