

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
 Data File : BP002173.D
 Acq On : 11 Mar 2020 11:22
 Operator : CG/JU
 Sample : L1786-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

mohammad
 3/13/2020 8:56:32 AM

Quant Time: Mar 12 01:39:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 12 01:18:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	275360	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1166989	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	738101	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1565136	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1473000	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1730603	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	10180	1.59	ng/uL	0.00
5) Phenol-d5	6.82	99	159272	7.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	106973	9.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	147568	8.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	130033	7.53	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	61504	6.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	59770	5.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	134107	6.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	168394	7.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	483565	8.66	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	510261	7.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	18854	1.77	ng/ul	0.02
58) Fluorene-d10	15.27	176	437413	9.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	24358	2.82	ng/ul	0.00
71) Anthracene-d10	17.12	188	644674	9.16	ng/ul	0.00
79) Pyrene-d10	19.37	212	726856	9.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	753704	8.51	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.46	128	127651	2.042	ng/ul 99
34) 2-Methylnaphthalene	12.08	142	71709	1.633	ng/ul 95
45) Dimethylphthalate	13.73	163	77253	1.340	ng/ul 100
48) Acenaphthylene	13.99	152	205047	2.895	ng/ul 99
50) Acenaphthene	14.33	153	109475	2.299	ng/ul 97
54) Dibenzofuran	14.67	168	191672	2.849	ng/ul 98
59) Fluorene	15.32	166	289466	5.385	ng/ul 99
70) Phenanthrene	17.06	178	1522775	17.661	ng/ul 99
72) Anthracene	17.16	178	1511889	17.709	ng/ul 99
75) Carbazole	17.43	167	204106	2.839	ng/ul 99
77) Fluoranthene	19.05	202	2990889	30.069	ng/ul 99
80) Pyrene	19.40	202	2210653	22.043	ng/ul 99
83) Benzo(a)anthracene	21.10	228	1436094	14.410	ng/ul 96
85) Chrysene	21.15	228	1130834	11.894	ng/ul 97
88) Benzo(b)fluoranthene	22.67	252	1400012	12.900	ng/ul 97
89) Benzo(k)fluoranthene	22.70	252	543553m	5.117	ng/ul
91) Benzo(a)pyrene	23.23	252	923813	9.376	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.54	276	525222	4.113	ng/ul 98
93) Dibenzo(a,h)anthracene	25.55	278	164278	1.556	ng/ul# 82
94) Benzo(g,h,i)perylene	26.22	276	326732	3.031	ng/ul 96

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

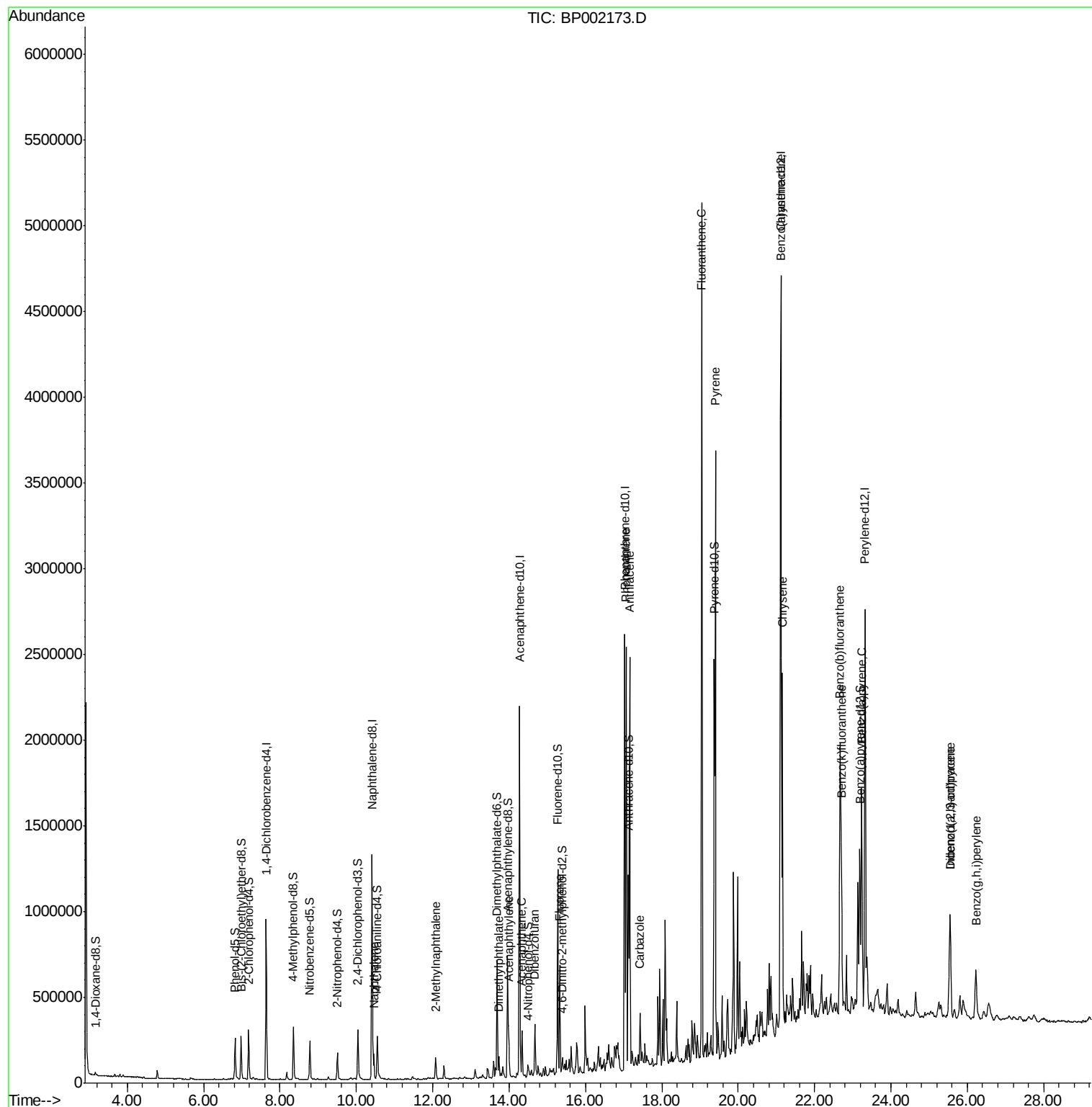
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002173.D
Acq On : 11 Mar 2020 11:22
Operator : CG/JU
Sample : L1786-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

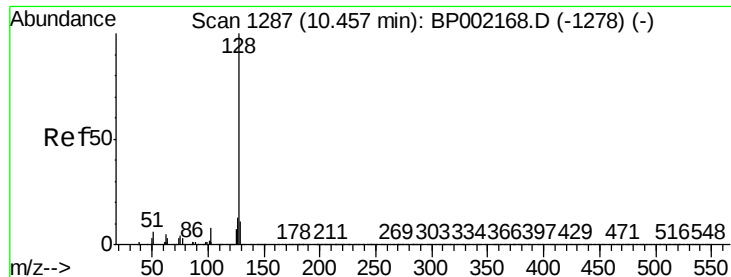
Instrument :
BNA_P
ClientSampled :
C0AC3

Manual Integrations
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Quant Time: Mar 12 01:39:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
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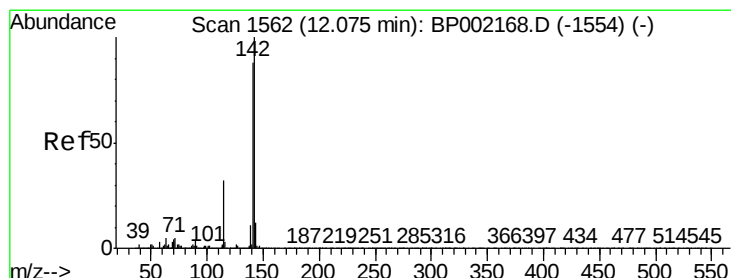
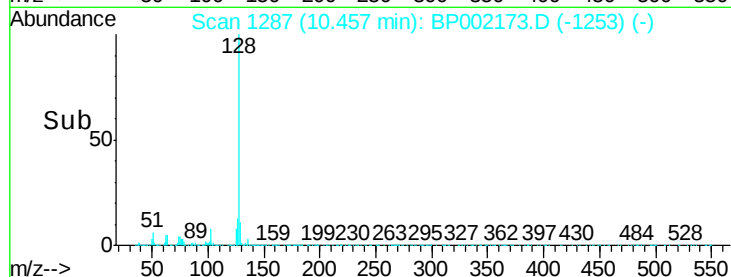
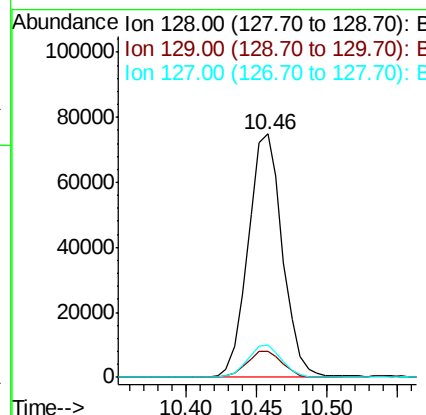
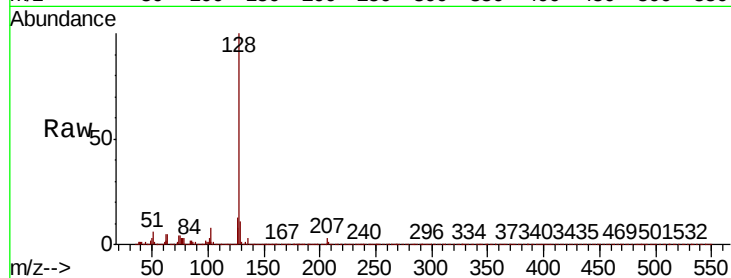
#28
Naphthalene
Concen: 2.042 ng/ul
RT: 10.46 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Instrument :
BNA_P
ClientSampleId :
C0AC3

Tot Ion:128	Resp:	127651
Ion Ratio	Lower	Upper
128 100		
129 10.8	8.8	13.2
127 13.2	10.2	15.2

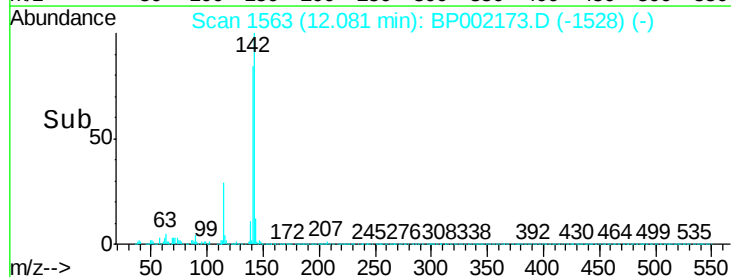
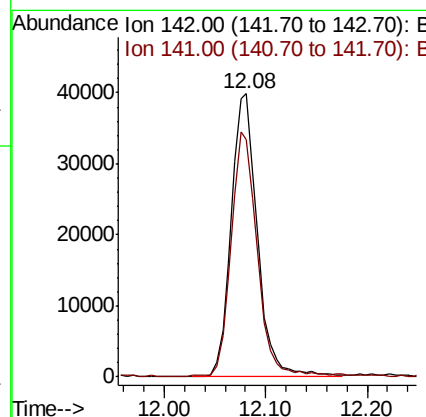
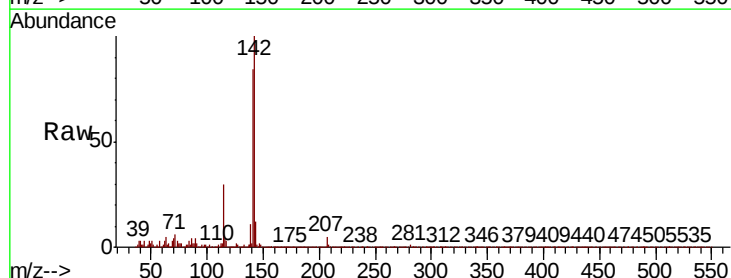
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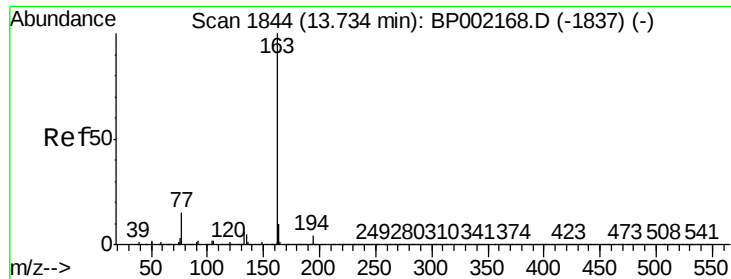
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#34
2-Methylnaphthalene
Concen: 1.633 ng/ul
RT: 12.08 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Tgt Ion:142	Resp:	71709
Ion Ratio	Lower	Upper
142 100		
141 83.7	70.8	106.2





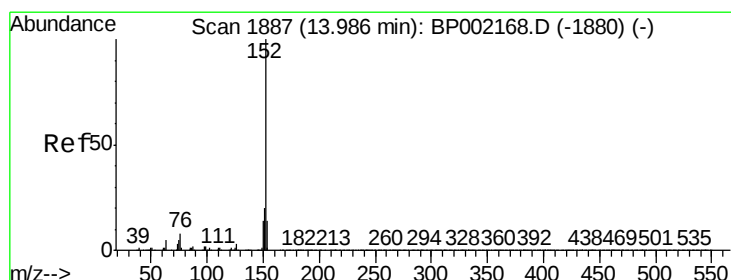
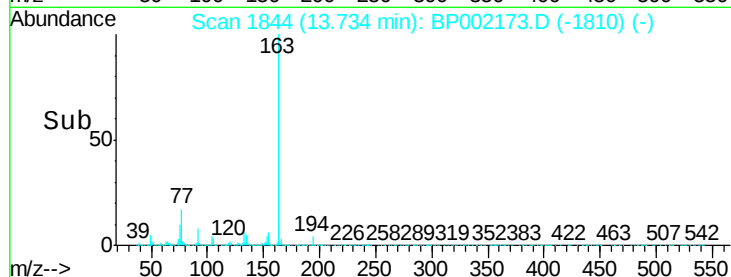
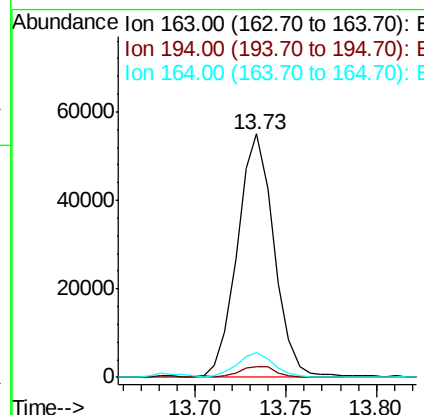
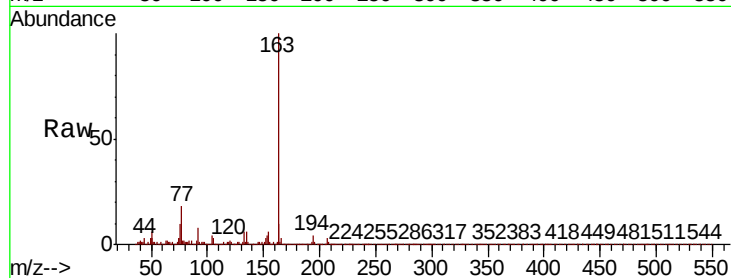
#45
Dimethylphthalate
Concen: 1.340 ng/ul
RT: 13.73 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Instrument :
BNA_P
ClientSampleId :
C0AC3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		77253		
194	4.4		3.6	5.4	
164	10.2		8.2	12.4	

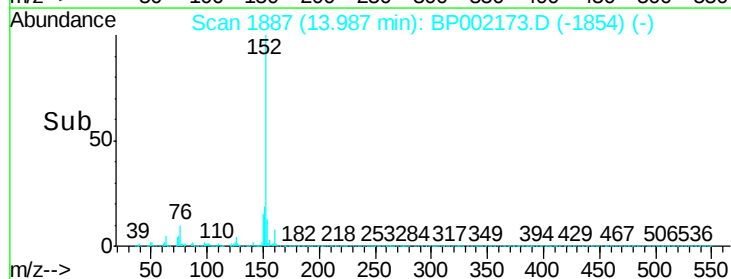
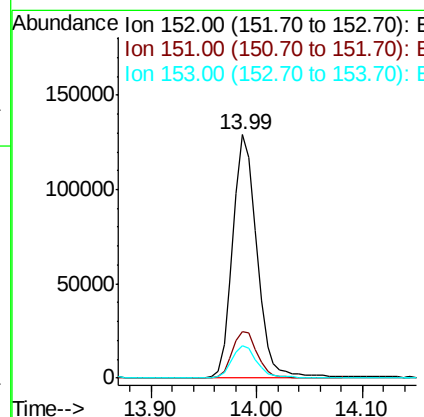
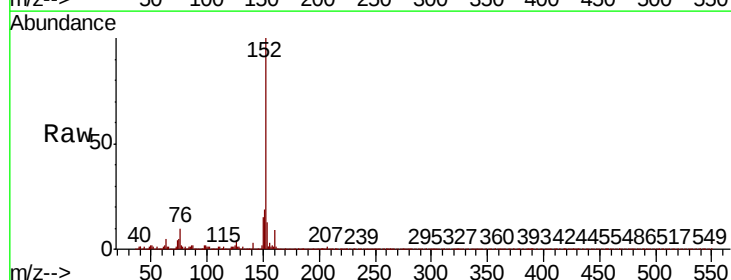
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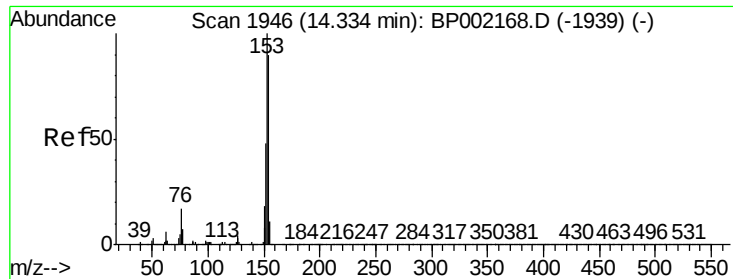
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#48
Acenaphthylene
Concen: 2.895 ng/ul
RT: 13.99 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		205047		
151	19.0		15.7	23.5	
153	13.2		10.6	15.8	





#50

Acenaphthene

Concen: 2.299 ng/ul

RT: 14.33 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BP002173.D

Acq: 11 Mar 2020 11:22

Instrument :

BNA_P

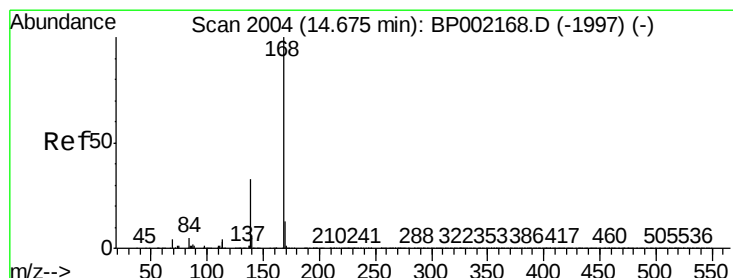
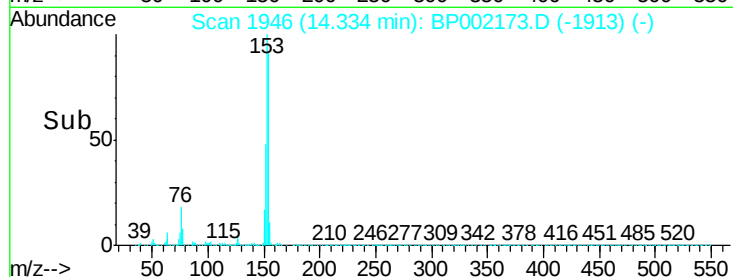
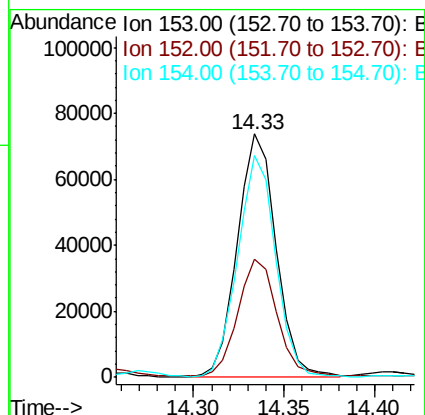
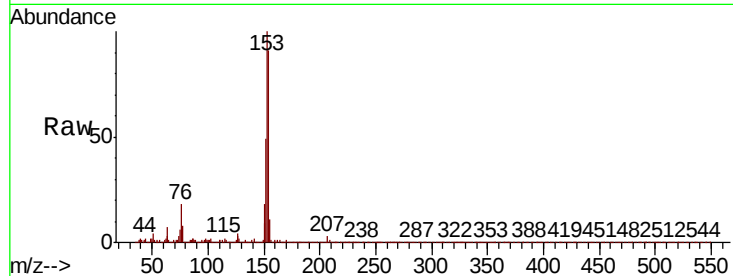
ClientSampleId :

C0AC3

Tot Ion:	153	Resp:	109475
Ion Ratio	Lower	Upper	
153	100		
152	48.7	37.1	55.7
154	91.3	70.5	105.7

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#54

Dibenzofuran

Concen: 2.849 ng/ul

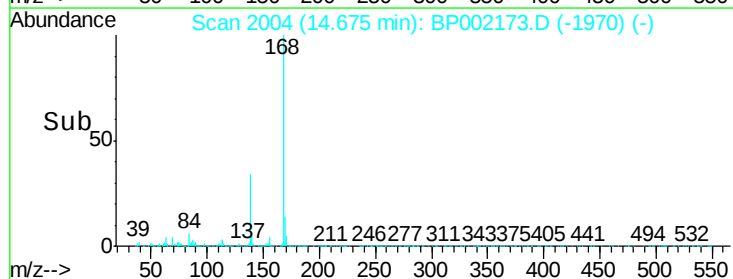
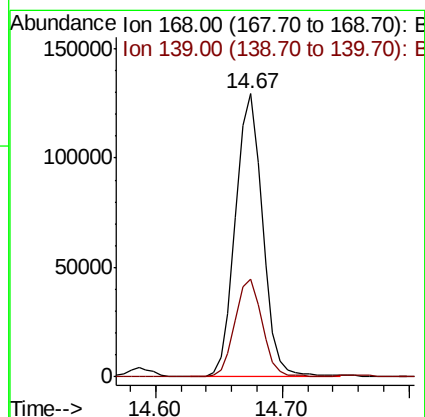
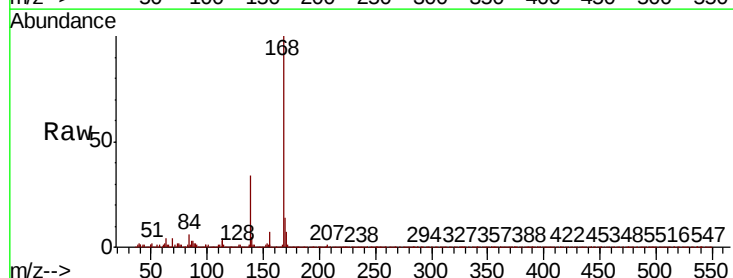
RT: 14.67 min Scan# 2004

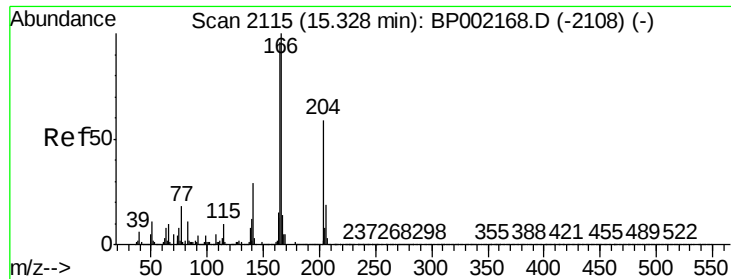
Delta R.T. 0.00 min

Lab File: BP002173.D

Acq: 11 Mar 2020 11:22

Tgt Ion:	168	Resp:	191672
Ion Ratio	Lower	Upper	
168	100		
139	34.4	28.3	42.5





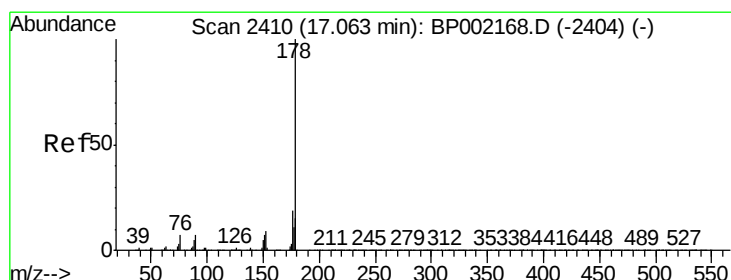
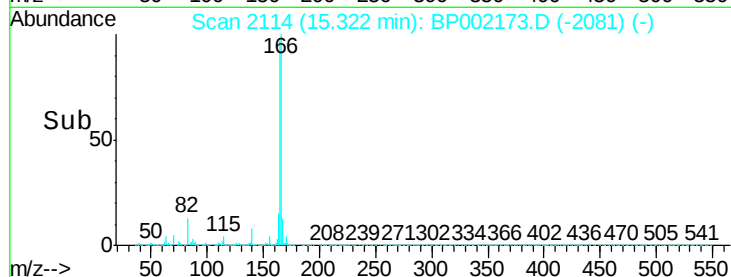
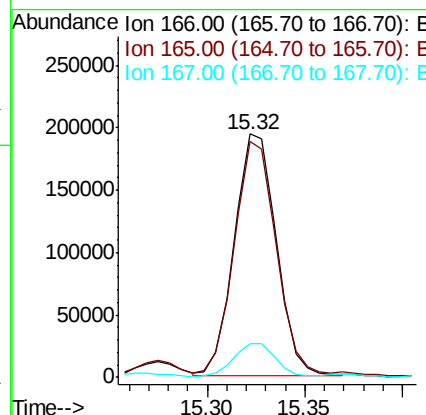
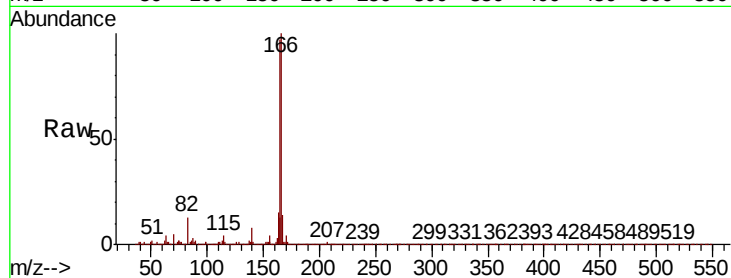
#59
Fluorene
Concen: 5.385 ng/ul
RT: 15.32 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Instrument :
BNA_P
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.1	117.1
167	13.8	10.7	16.1

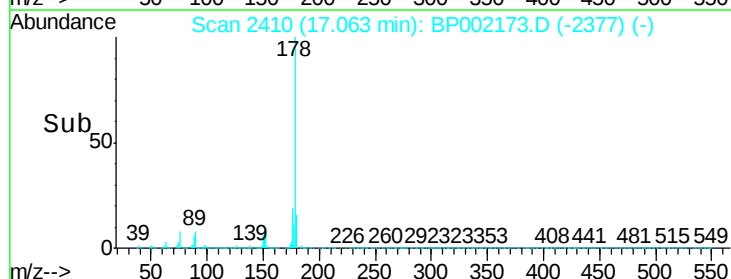
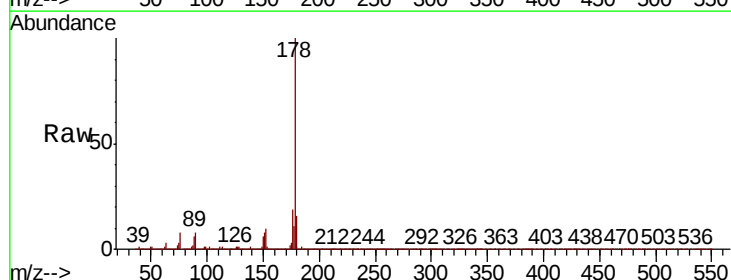
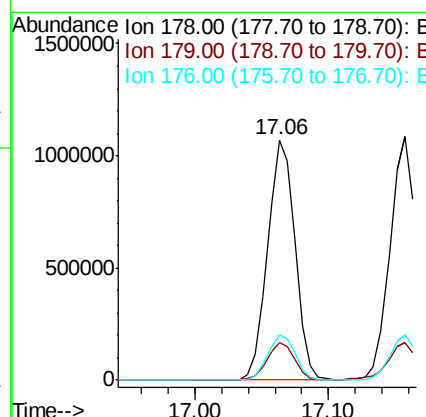
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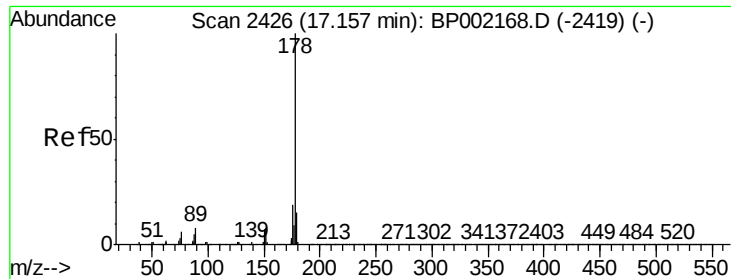
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#70
Phenanthrene
Concen: 17.661 ng/ul
RT: 17.06 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	19.1	14.9	22.3





#72

Anthracene

Concen: 17.709 ng/ul

RT: 17.16 min Scan# 2426

Delta R.T. 0.00 min

Lab File: BP002173.D

Acq: 11 Mar 2020 11:22

Instrument :

BNA_P

ClientSampleId :

C0AC3

Tot Ion:178 Resp: 1511889

Ion Ratio Lower Upper

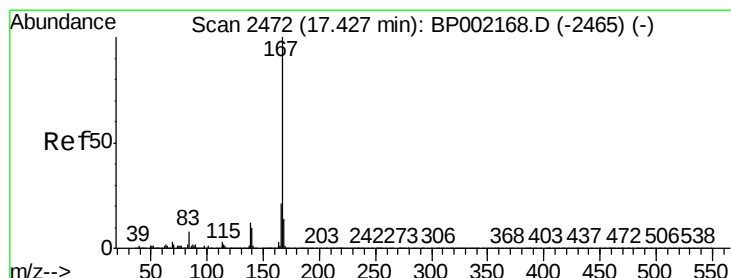
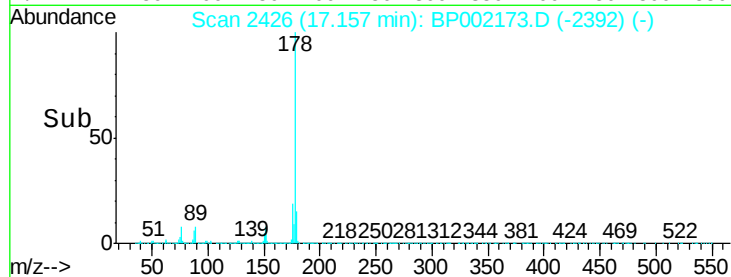
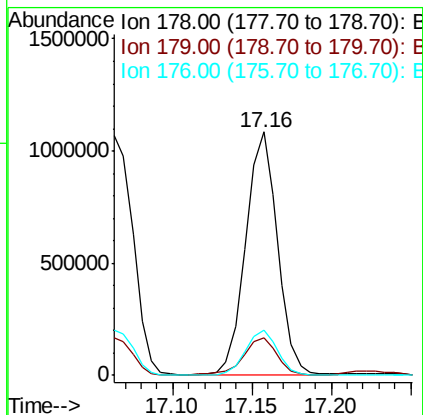
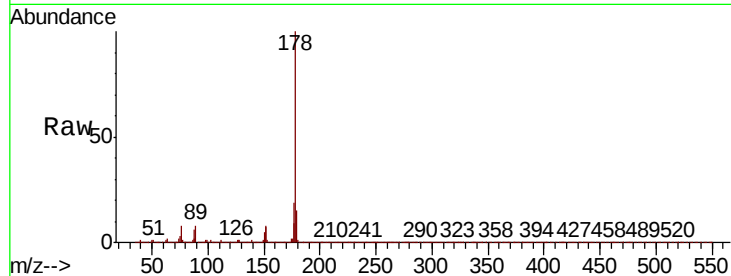
178 100

179 15.3 12.8 19.2

176 18.7 14.6 22.0

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#75

Carbazole

Concen: 2.839 ng/ul

RT: 17.43 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BP002173.D

Acq: 11 Mar 2020 11:22

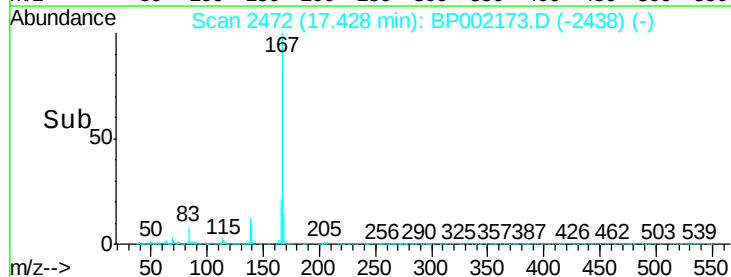
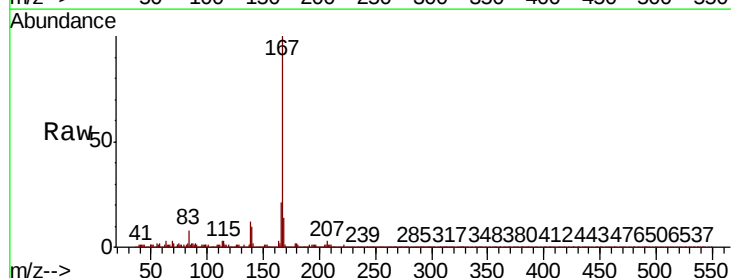
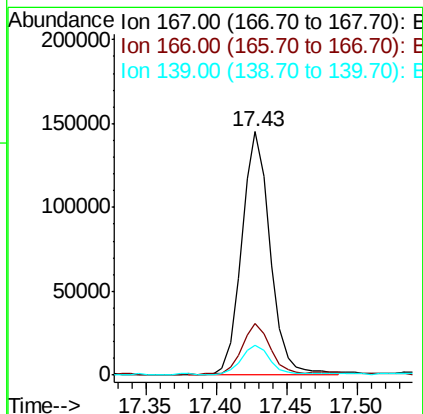
Tgt Ion:167 Resp: 204106

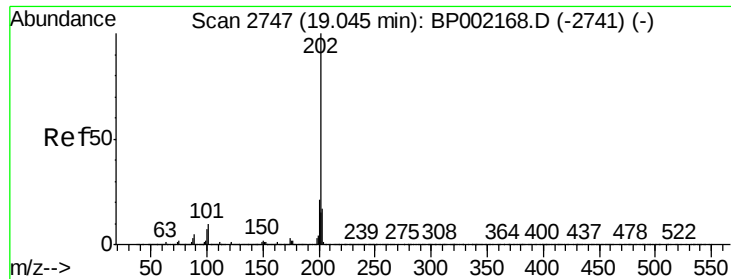
Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.1 10.1 15.1





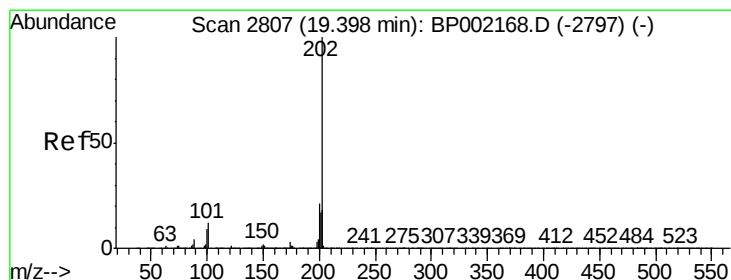
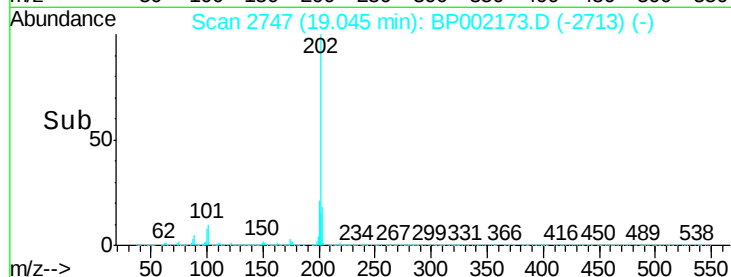
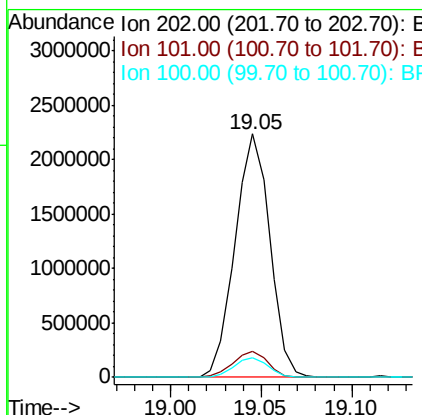
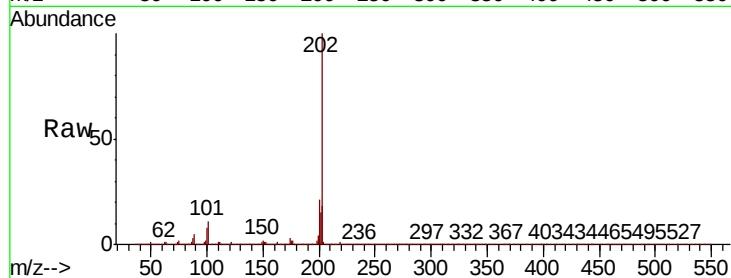
#77
Fluoranthene
Concen: 30.069 ng/ul
RT: 19.05 min Scan# 2747
Delta R.T. 0.00 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Instrument :
BNA_P
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.2	12.2
100	7.9	6.3	9.5

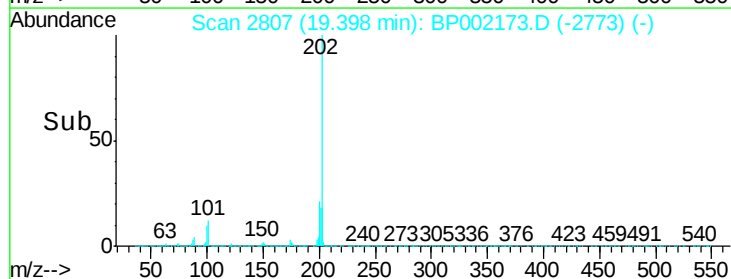
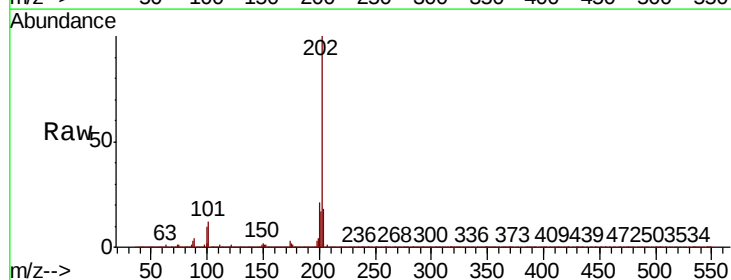
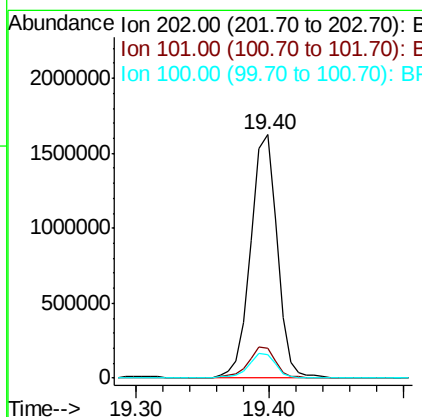
Manual Integrations
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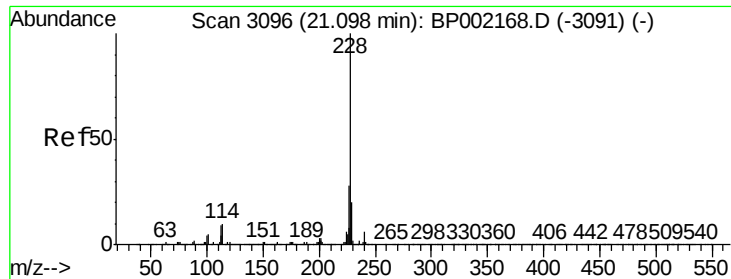
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#80
Pyrene
Concen: 22.043 ng/ul
RT: 19.40 min Scan# 2807
Delta R.T. 0.00 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.3	13.9
100	9.6	7.6	11.4





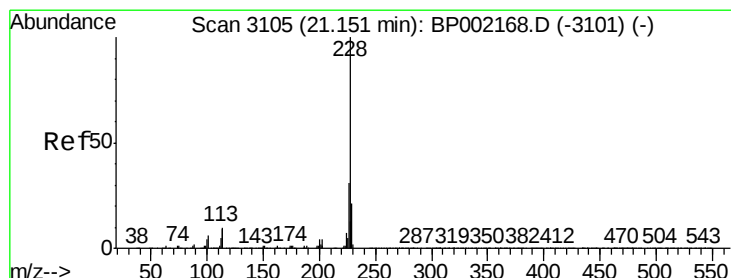
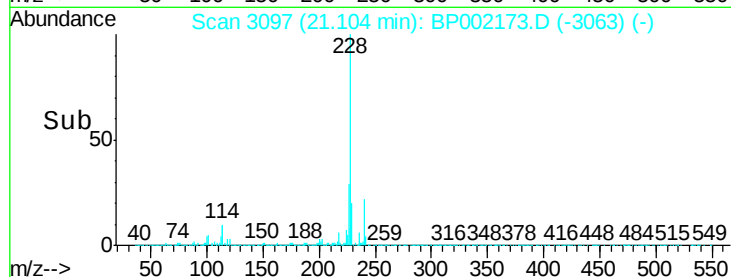
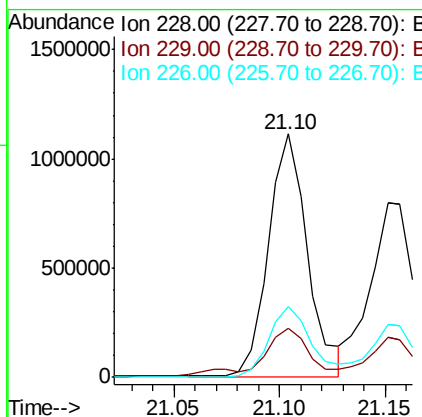
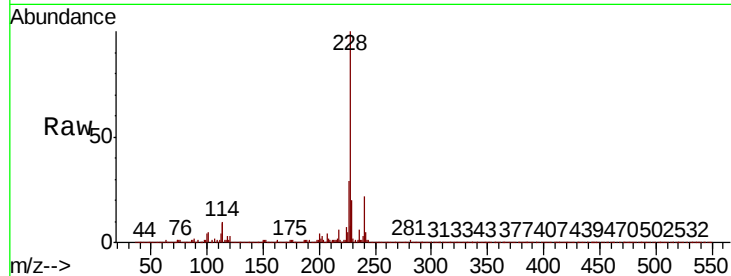
#83
Benzo(a)anthracene
Concen: 14.410 ng/ul
RT: 21.10 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Instrument :
BNA_P
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	29.3	21.4	32.0

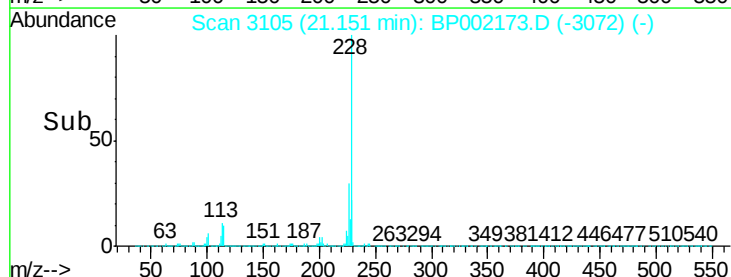
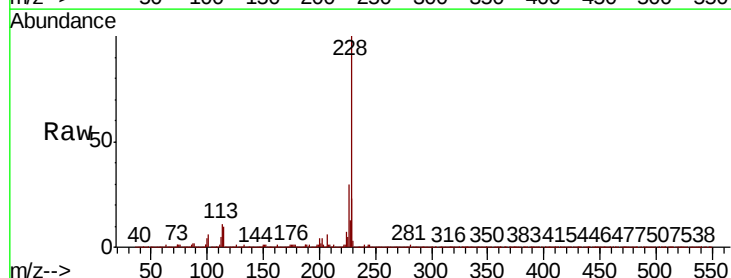
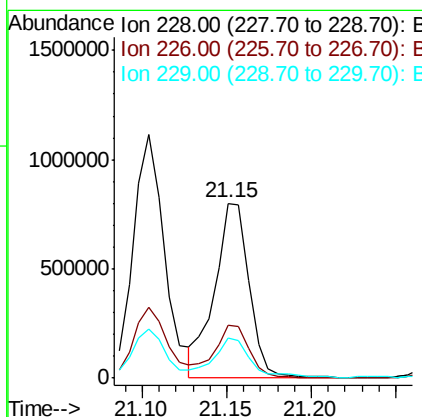
Manual Integrations
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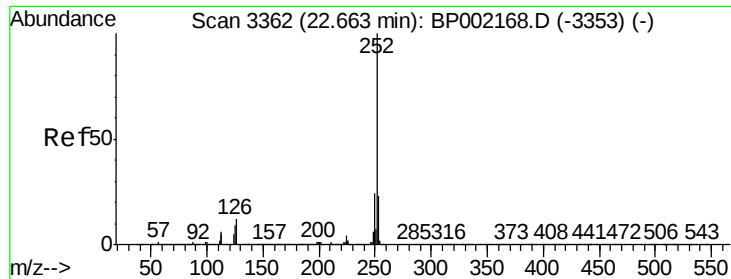
mohammad
3/13/2020 8:56:32 AM



#85
Chrysene
Concen: 11.894 ng/ul
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	22.8	15.9	23.9





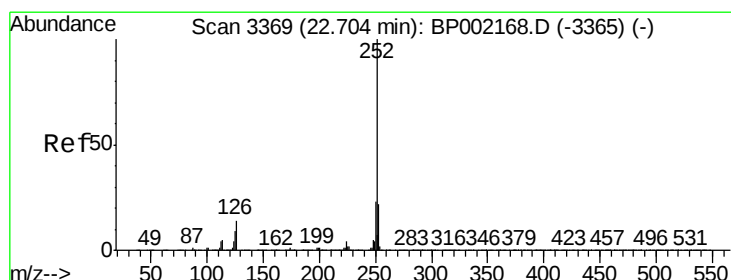
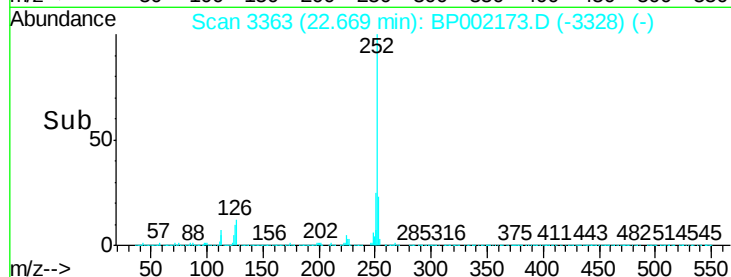
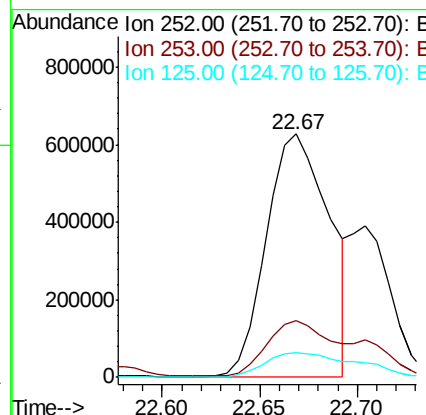
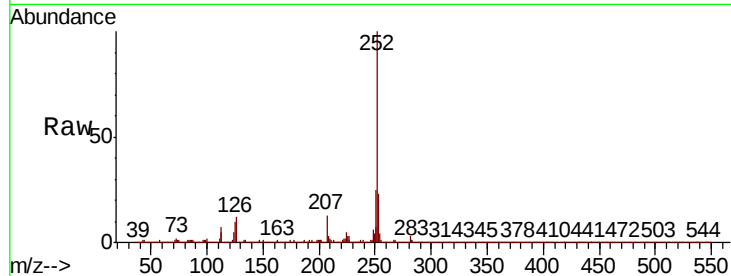
#88
Benzo(b)fluoranthene
Concen: 12.900 ng/u1
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Instrument :
BNA_P
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	10.4	7.4	11.0

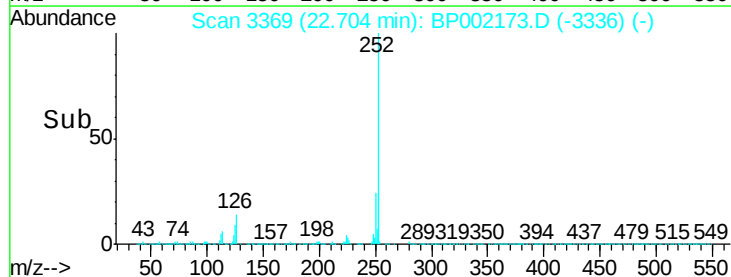
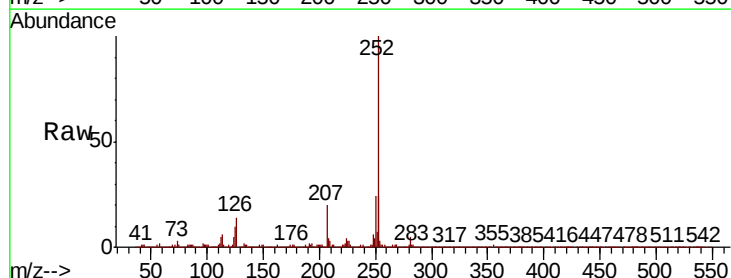
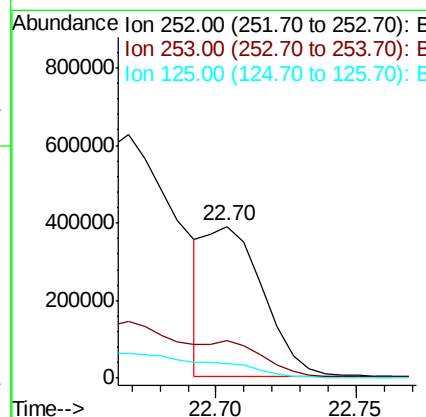
Manual Integrations
APPROVED

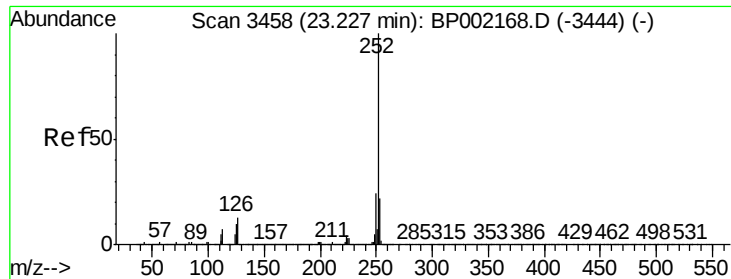
mohammad
3/13/2020 8:56:32 AM



#89
Benzo(k)fluoranthene
Concen: 5.117 ng/u1 m
RT: 22.70 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	9.5	7.4	11.0





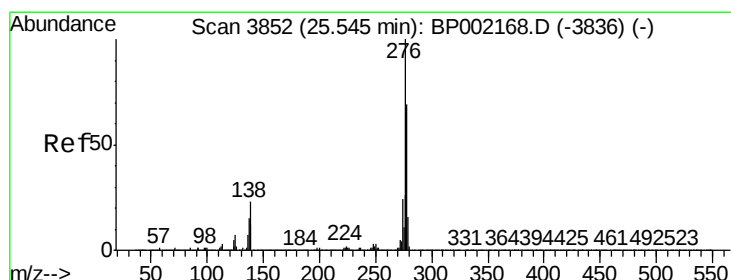
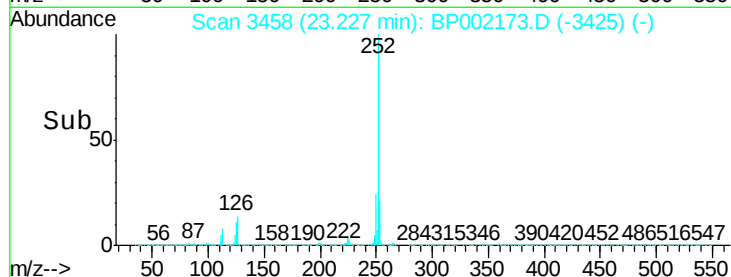
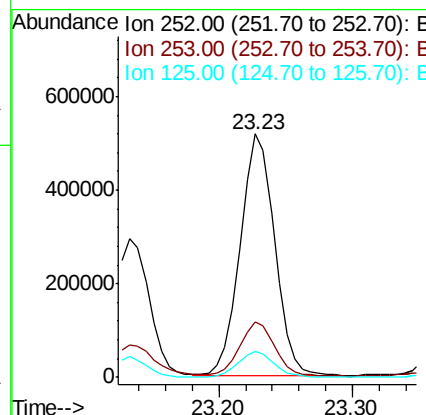
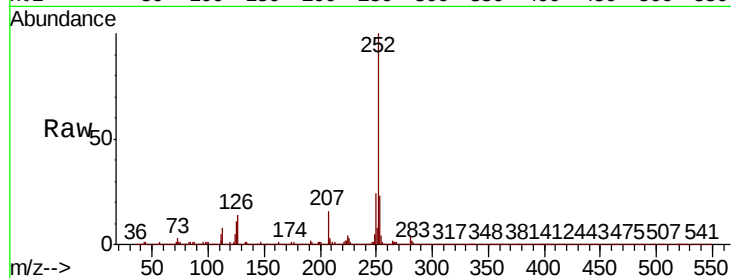
#91
Benzo(a)pyrene
Concen: 9.376 ng/ul
RT: 23.23 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Instrument :
BNA_P
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	10.7	8.2	12.2

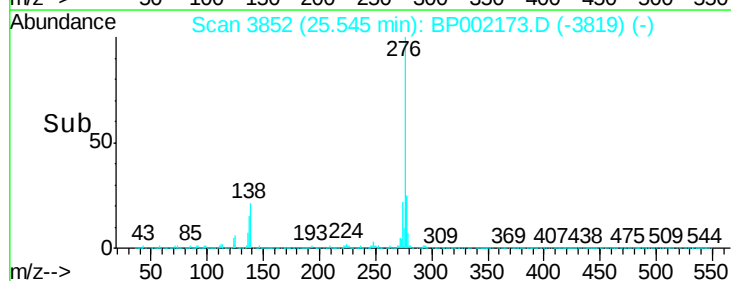
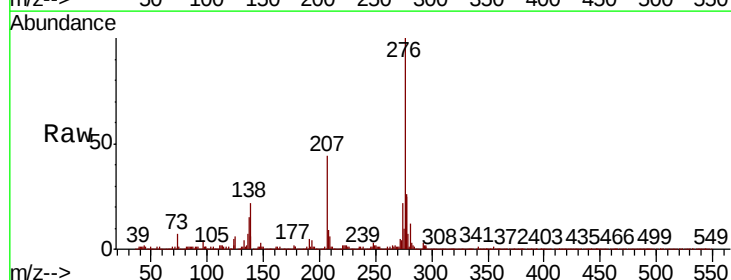
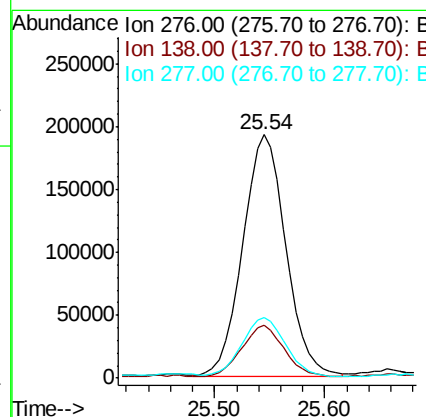
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APPROVED

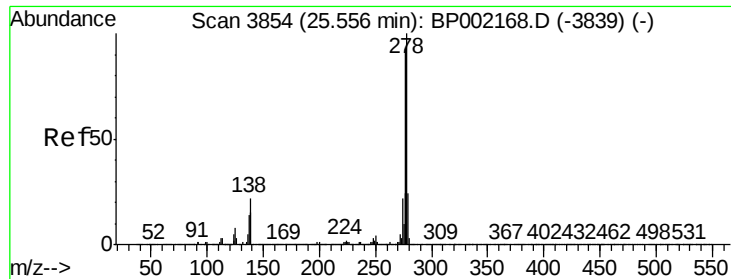
mohammad
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#92
Indeno(1,2,3-cd)pyrene
Concen: 4.113 ng/ul
RT: 25.54 min Scan# 3852
Delta R.T. -0.01 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	18.6	28.0
277	25.0	20.4	30.6





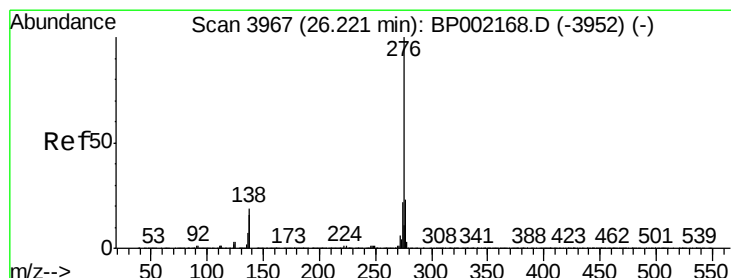
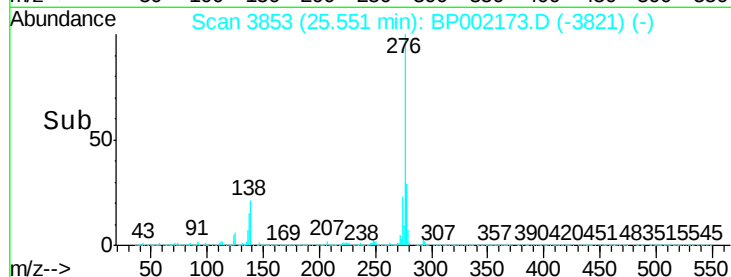
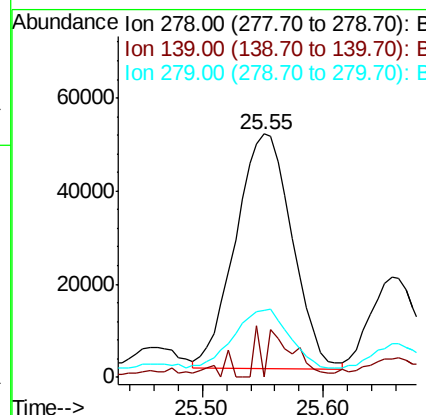
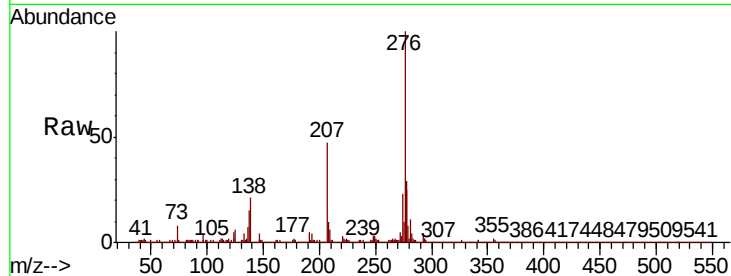
#93
Dibenzo(a,h)anthracene
Concen: 1.556 ng/ul
RT: 25.55 min Scan# 3853
Delta R.T. -0.01 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Instrument :
BNA_P
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.1	18.1#
279	27.4	19.1	28.7

Manual Integrations
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mohammad
3/13/2020 8:56:32 AM



#94
Benzo(g,h,i)perylene
Concen: 3.031 ng/ul
RT: 26.22 min Scan# 3967
Delta R.T. -0.01 min
Lab File: BP002173.D
Acq: 11 Mar 2020 11:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	16.2	24.2
277	25.2	18.1	27.1

