

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
 Data File : BP002047.D
 Acq On : 04 Mar 2020 12:53
 Operator : CG/JU
 Sample : L1616-14DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBDQ8DL

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:55:03 PM

Quant Time: Mar 05 11:26:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 05 06:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	272551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1101248	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	678654	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1439023	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1284879	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1436498	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	17119	2.70	ng/uL	0.00
5) Phenol-d5	6.82	99	329984	15.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	198097	17.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	299977	16.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	263091	15.40	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	130280	15.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	138393	14.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	299516	16.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	234148	11.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	886085	17.25	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1083859	17.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	89696	9.14	ng/ul	0.00
58) Fluorene-d10	15.27	176	820451	18.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	70944	8.94	ng/ul	0.00
71) Anthracene-d10	17.12	188	1218616	18.84	ng/ul	0.00
79) Pyrene-d10	19.37	212	1384800	20.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1376104	18.72	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.73	163	74455	1.404 ng/ul	99
48) Acenaphthylene	13.99	152	166857	2.562 ng/ul	99
70) Phenanthrene	17.07	178	144931	1.828 ng/ul	99
72) Anthracene	17.16	178	694487	8.848 ng/ul	100
75) Carbazole	17.43	167	229284	3.469 ng/ul	99
77) Fluoranthene	19.05	202	1985549	21.711 ng/ul	100
80) Pyrene	19.40	202	2740305	31.324 ng/ul	100
83) Benzo(a)anthracene	21.11	228	1401077	16.118 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.06	149	93254	1.790 ng/ul	98
85) Chrysene	21.16	228	2237974	26.985 ng/ul	98
88) Benzo(b)fluoranthene	22.67	252	4373697	48.550 ng/ul	98
89) Benzo(k)fluoranthene	22.71	252	1273982m	14.447 ng/ul	
91) Benzo(a)pyrene	23.24	252	1478600	18.080 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.56	276	1755721	16.564 ng/ul#	93
93) Dibenzo(a,h)anthracene	25.56	278	376291	4.294 ng/ul#	83
94) Benzo(g,h,i)perylene	26.24	276	1198127	13.391 ng/ul	98

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

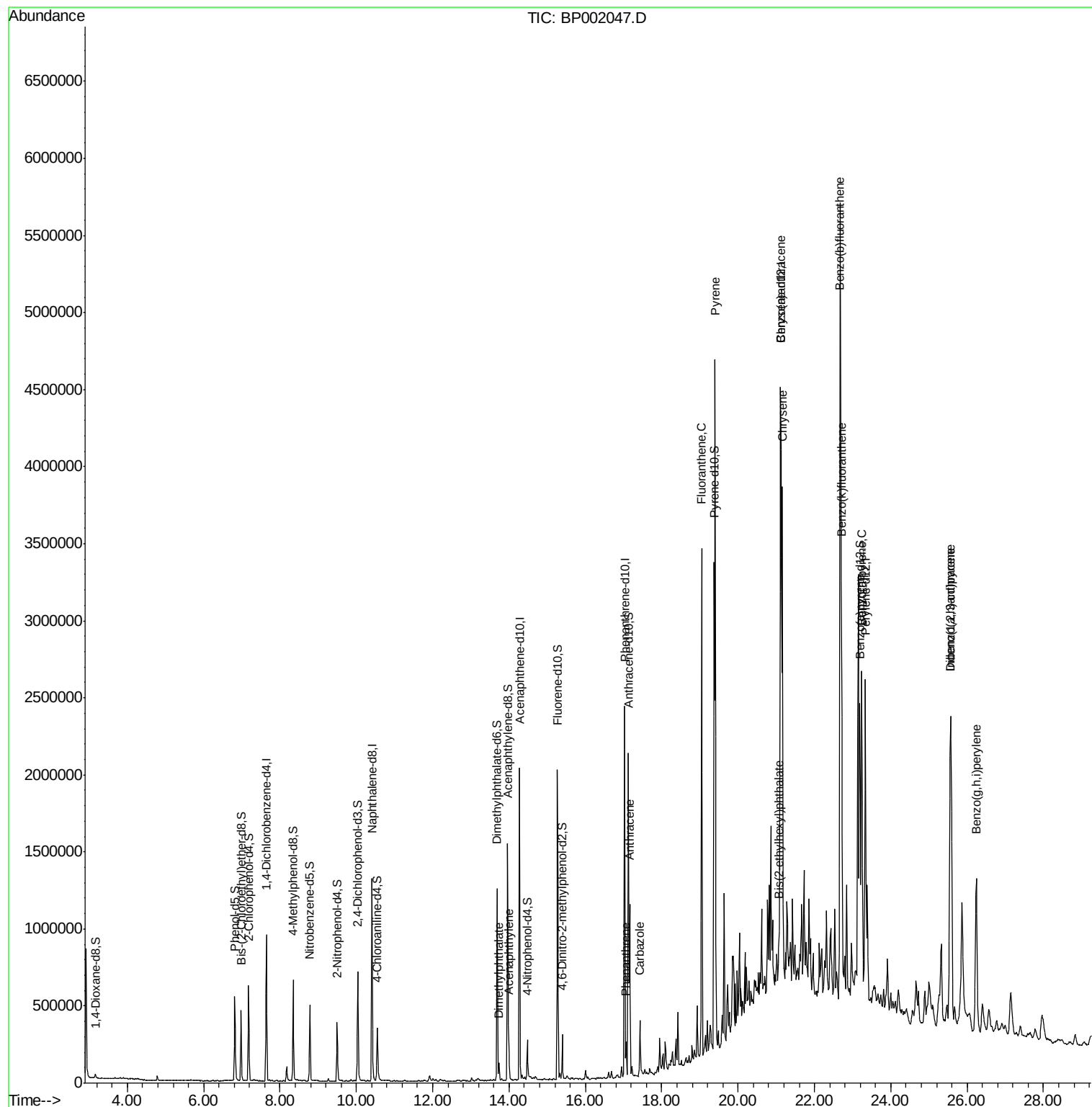
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

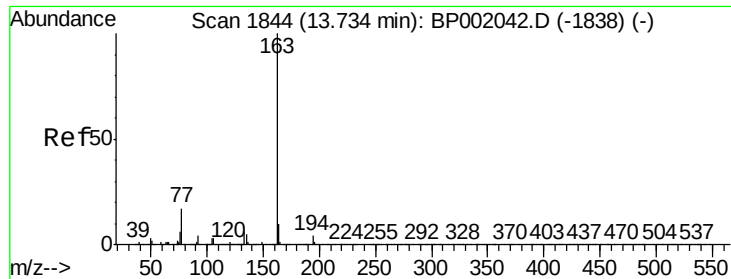
Instrument :
BNA_P
ClientSampleId :
DBDQ8DL

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Quant Time: Mar 05 11:26:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 06:21:29 2020
Response via : Initial Calibration





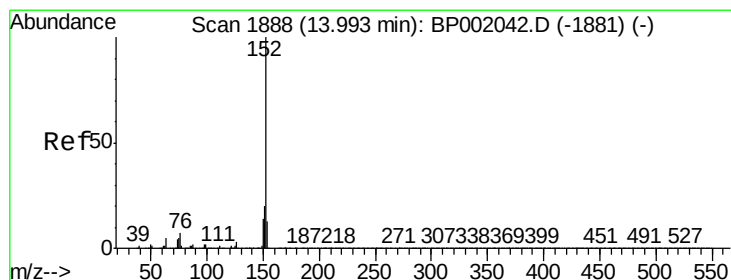
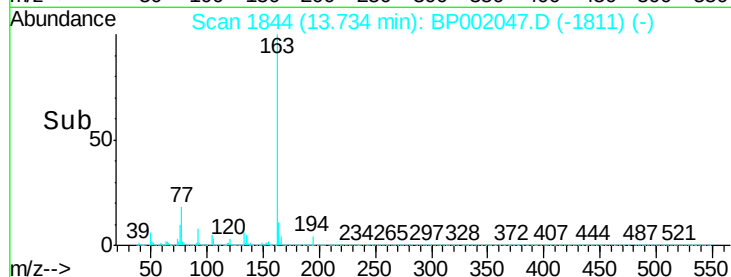
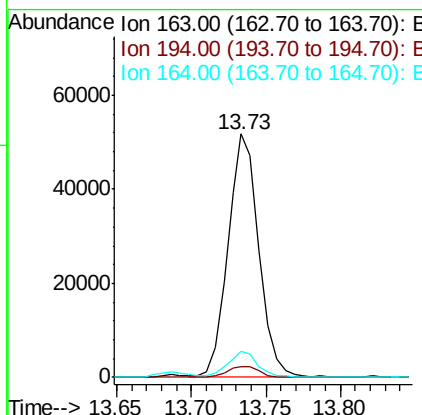
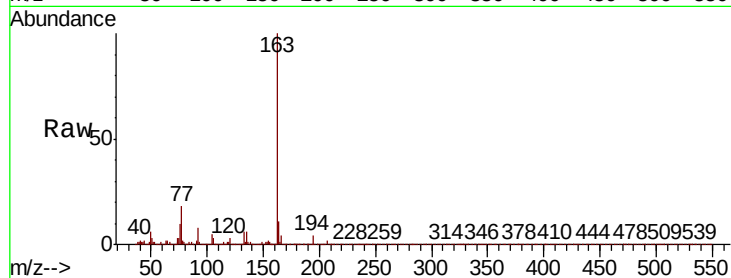
#45
Dimethylphthalate
Concen: 1.404 ng/ul
RT: 13.73 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BP002047.D
Acq: 04 Mar 2020 12:53

Instrument :
BNA_P
ClientSampleId :
DBDQ8DL

Tot Ion:	163	Resp:	74455
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	10.5	8.2	12.4

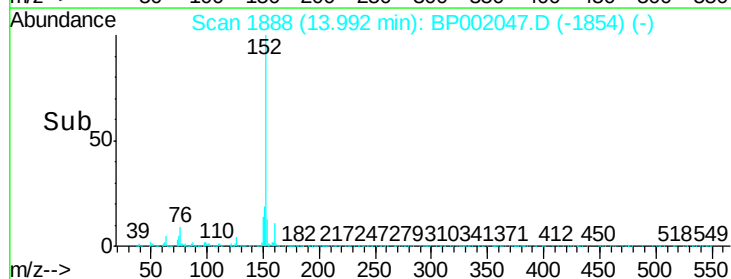
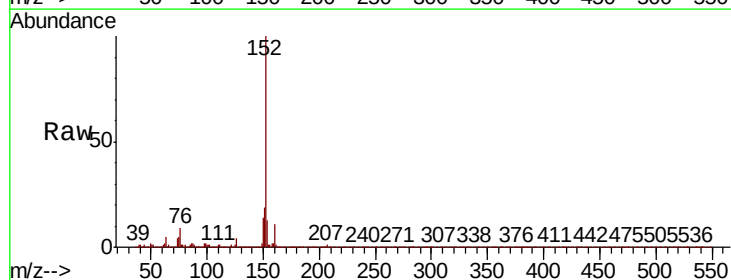
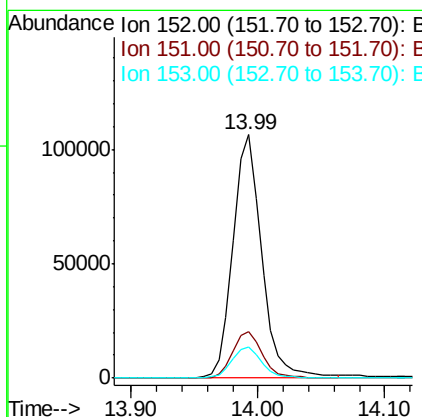
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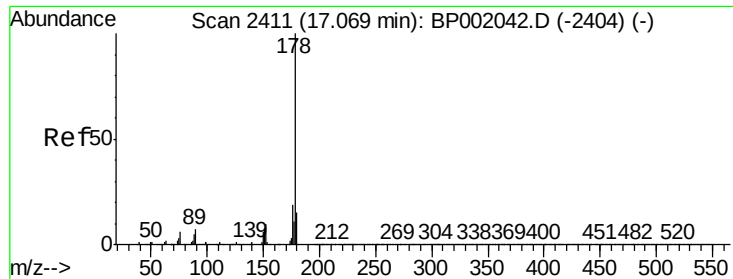
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#48
Acenaphthylene
Concen: 2.562 ng/ul
RT: 13.99 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BP002047.D
Acq: 04 Mar 2020 12:53

Tgt Ion:	152	Resp:	166857
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.7	23.5
153	13.0	10.6	15.8





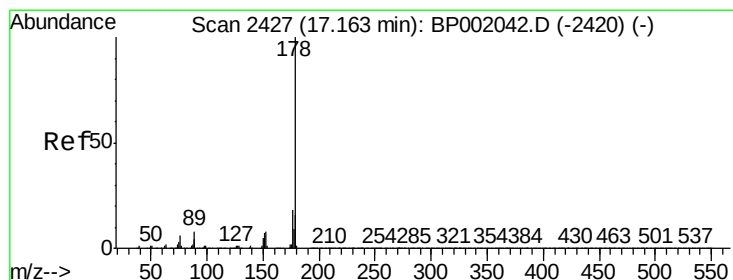
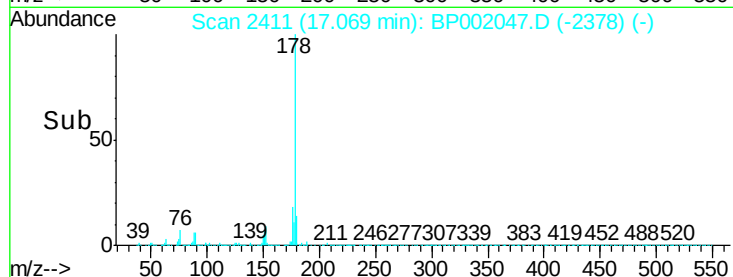
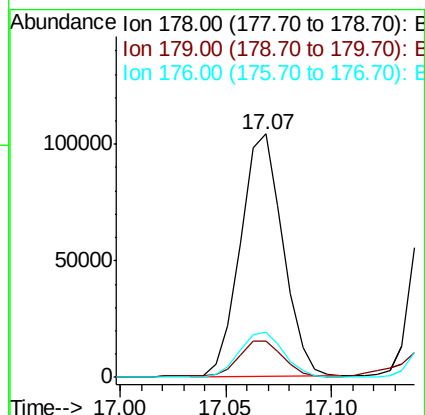
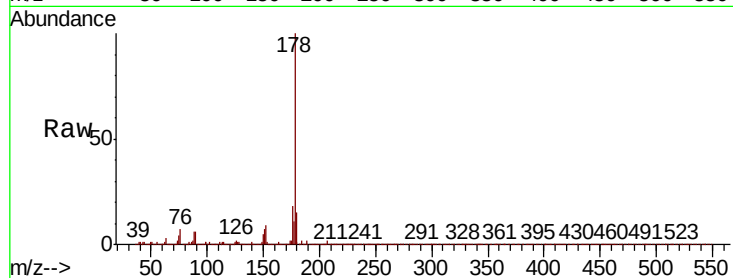
#70
Phenanthrene
Concen: 1.828 ng/ul
RT: 17.07 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BP002047.D
Acq: 04 Mar 2020 12:53

Instrument :
BNA_P
ClientSampled :
DBDQ8DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.2
176	18.4	14.9	22.3

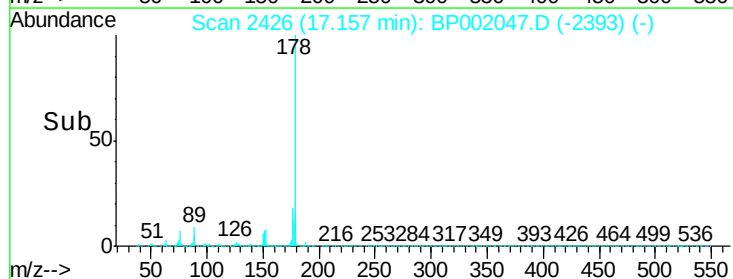
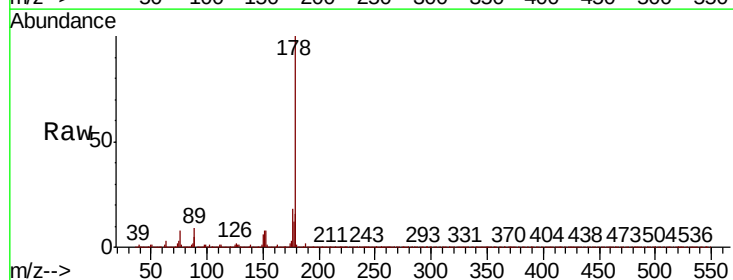
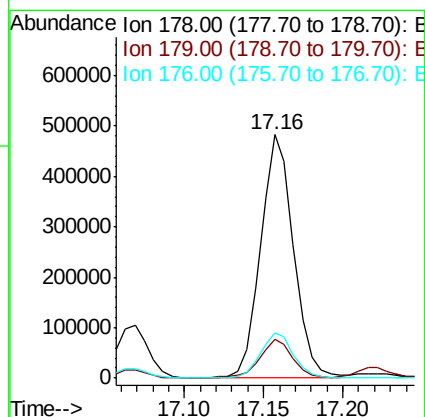
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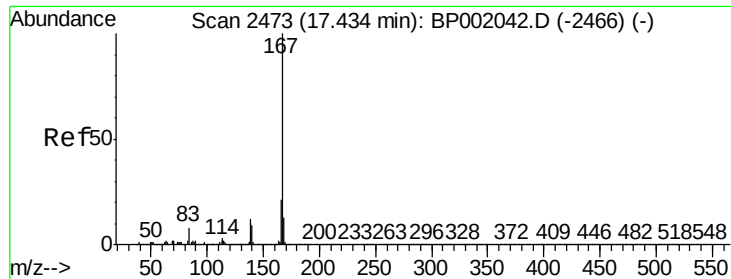
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#72
Anthracene
Concen: 8.848 ng/ul
RT: 17.16 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BP002047.D
Acq: 04 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	18.4	14.6	22.0





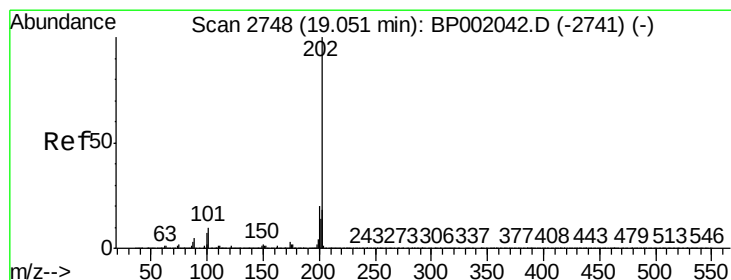
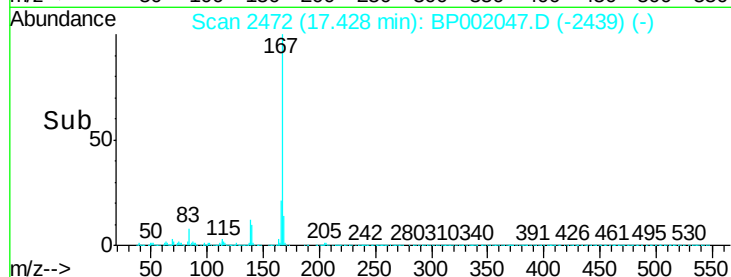
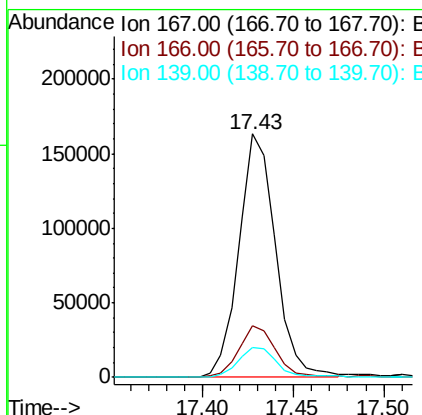
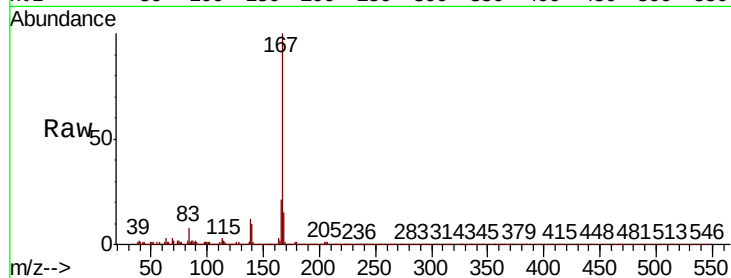
#75
 Carbazole
 Concen: 3.469 ng/ul
 RT: 17.43 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BP002047.D
 Acq: 04 Mar 2020 12:53

Instrument :
 BNA_P
 ClientSampleId :
 DBDQ8DL

Tot Ion:	167	Resp:	229284
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.2	25.8
139	12.1	10.1	15.1

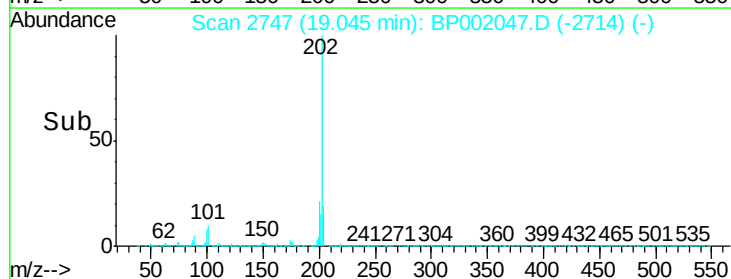
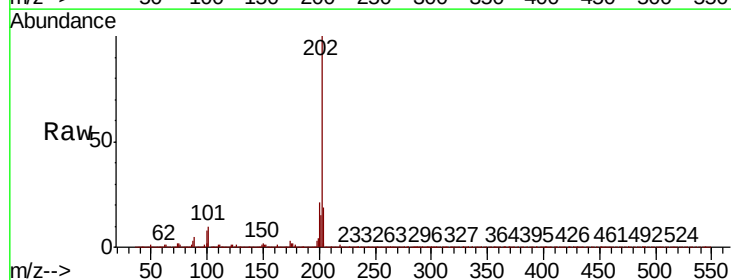
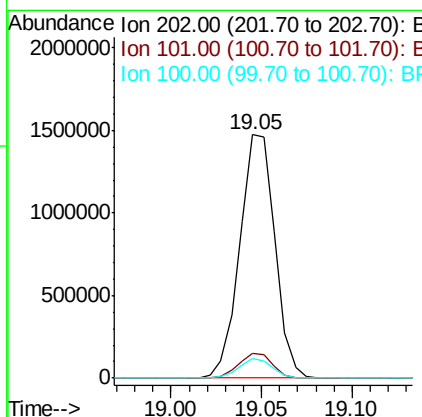
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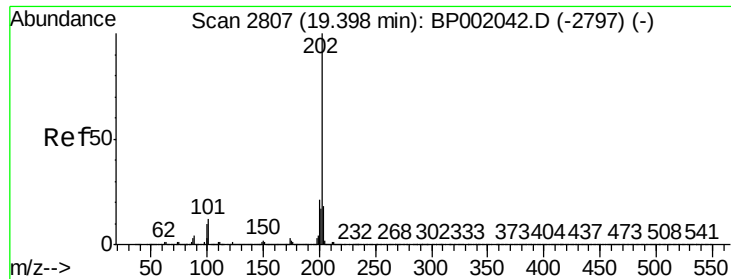
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#77
 Fluoranthene
 Concen: 21.711 ng/ul
 RT: 19.05 min Scan# 2747
 Delta R.T. -0.01 min
 Lab File: BP002047.D
 Acq: 04 Mar 2020 12:53

Tgt Ion:	202	Resp:	1985549
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.2	12.2
100	7.9	6.3	9.5





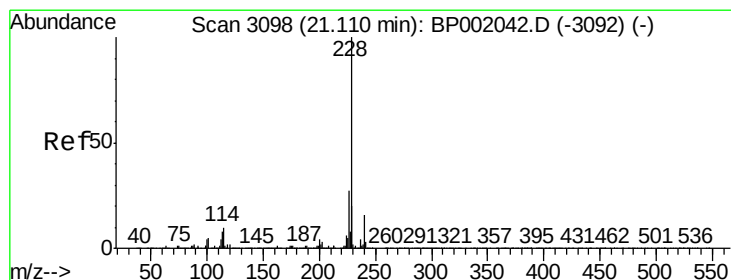
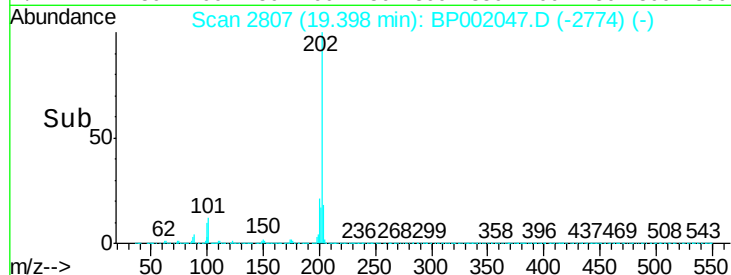
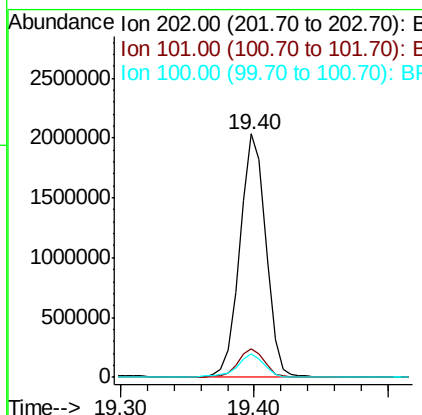
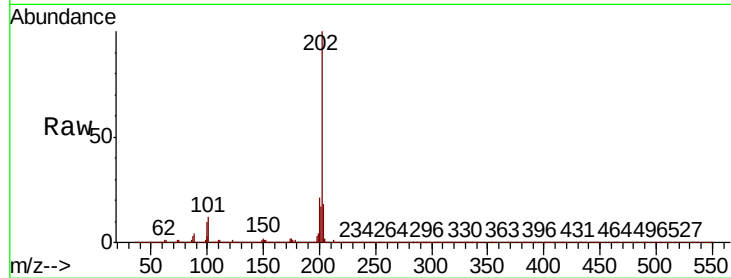
#80
Pvrene
Concen: 31.324 ng/ul
RT: 19.40 min Scan# 2807
Delta R.T. -0.01 min
Lab File: BP002047.D
Acq: 04 Mar 2020 12:53

Instrument :
BNA_P
ClientSampleID :
DBDQ8DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.3	13.9
100	9.6	7.6	11.4

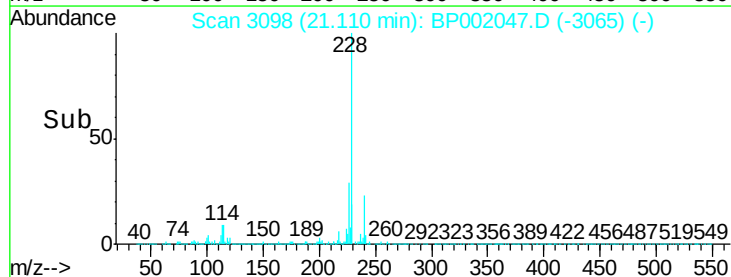
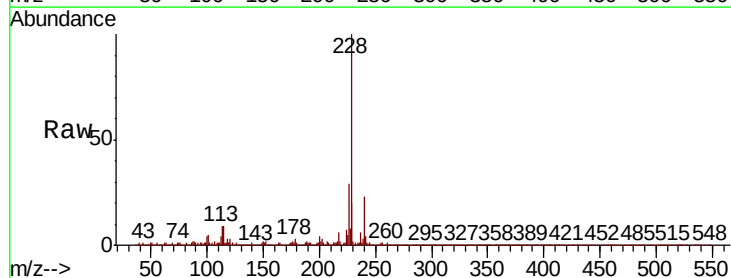
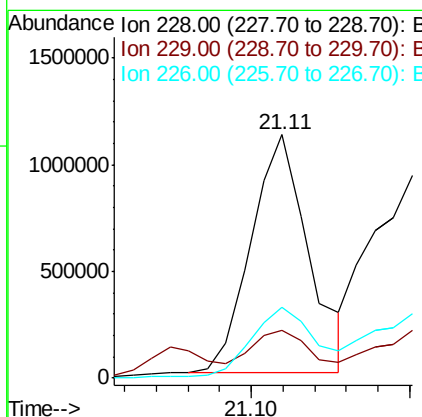
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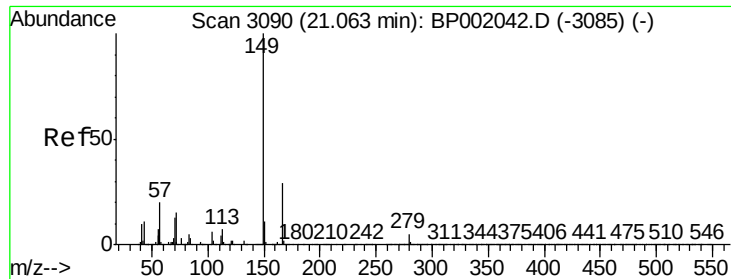
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#83
Benzo(a)anthracene
Concen: 16.118 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BP002047.D
Acq: 04 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	29.3	21.4	32.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.790 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BP002047.D

Acq: 04 Mar 2020 12:53

Instrument :

BNA_P

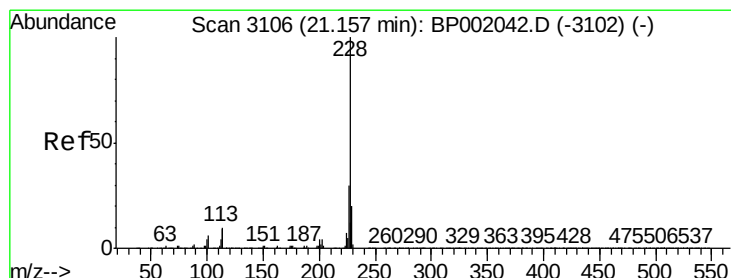
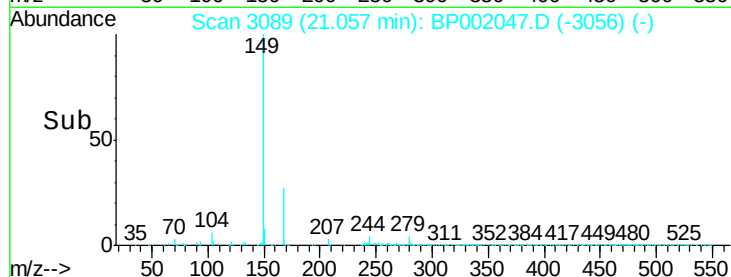
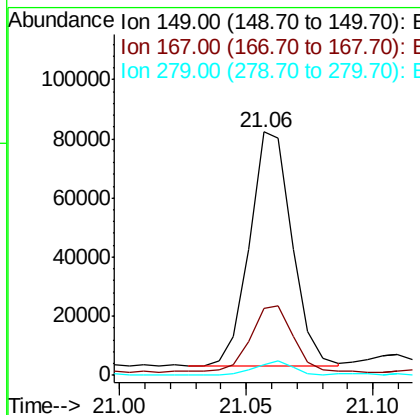
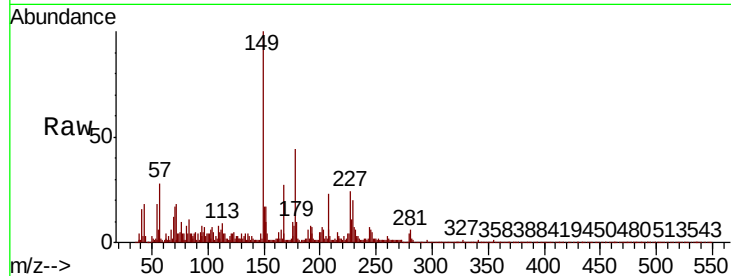
ClientSampleId :

DBDQ8DL

Tot Ion:	149	Resp:	93254
Ion Ratio	Lower	Upper	
149	100		
167	27.4	22.7	34.1
279	4.3	3.6	5.4

Manual Integrations
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#85

Chrysene

Concen: 26.985 ng/ul

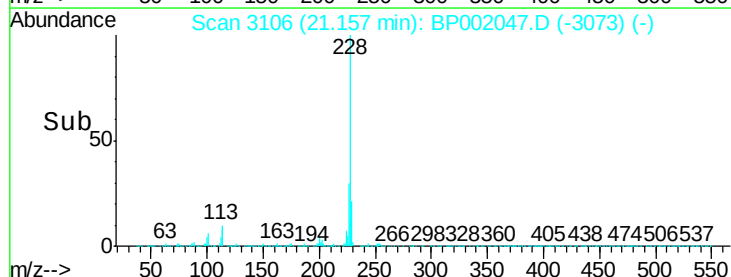
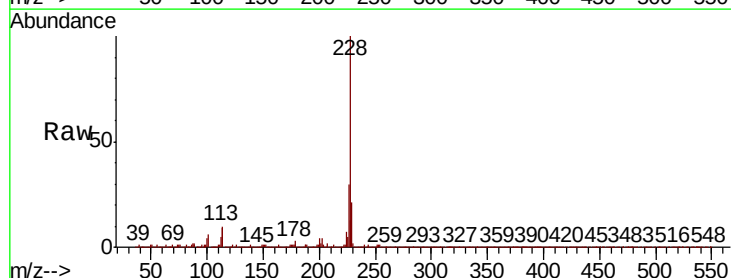
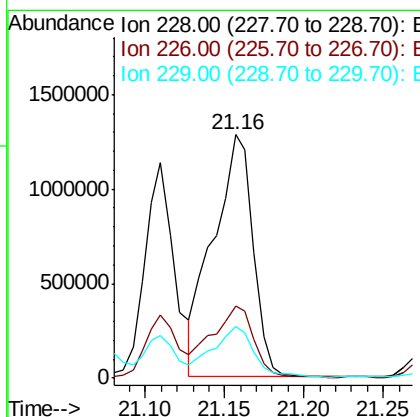
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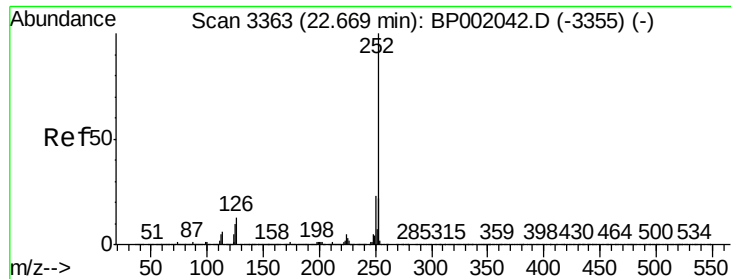
Delta R.T. -0.01 min

Lab File: BP002047.D

Acq: 04 Mar 2020 12:53

Tgt Ion:	228	Resp:	2237974
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.4	36.6
229	21.4	15.9	23.9





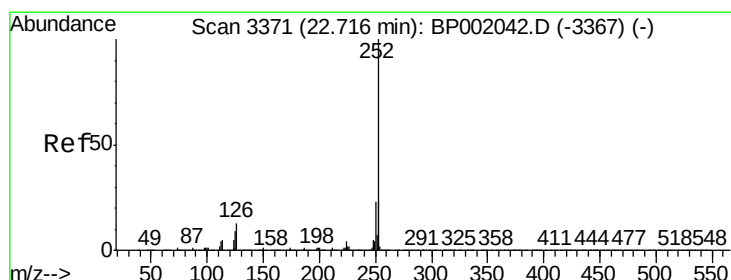
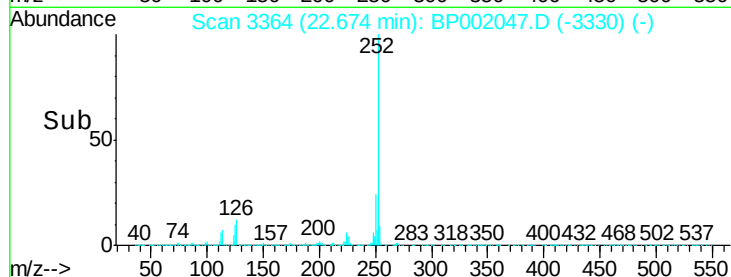
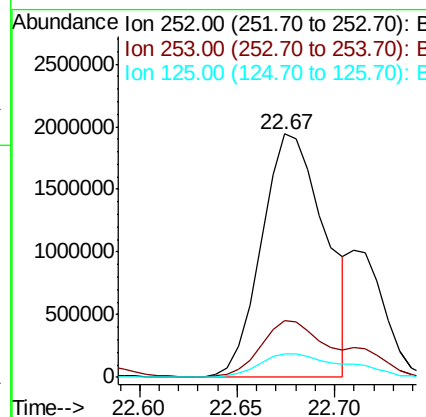
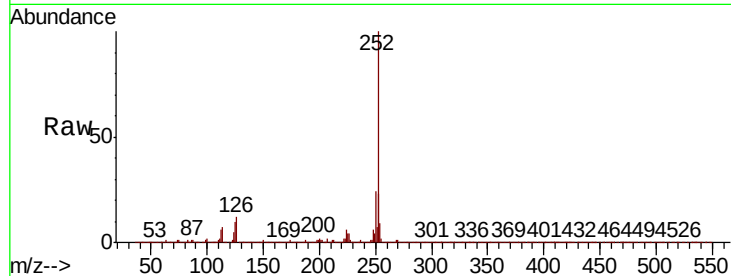
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Benzo(b)fluoranthene
Concen: 48.550 ng/ul
RT: 22.67 min Scan# 3364
Delta R.T. 0.00 min
Lab File: BP002047.D
Acq: 04 Mar 2020 12:53

Instrument :
BNA_P
ClientSampleId :
DBDQ8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	9.8	7.4	11.0

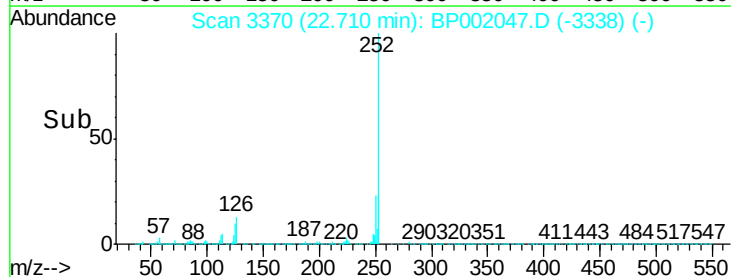
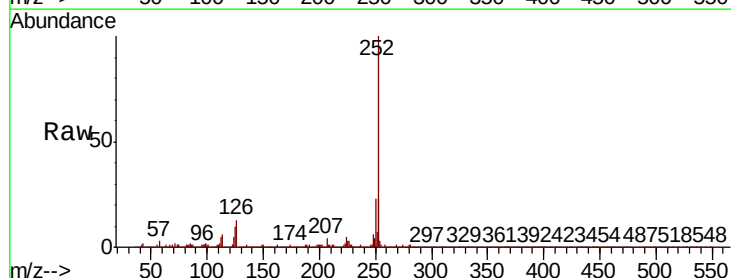
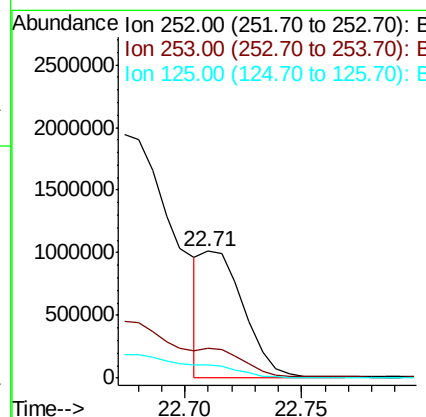
Manual Integrations
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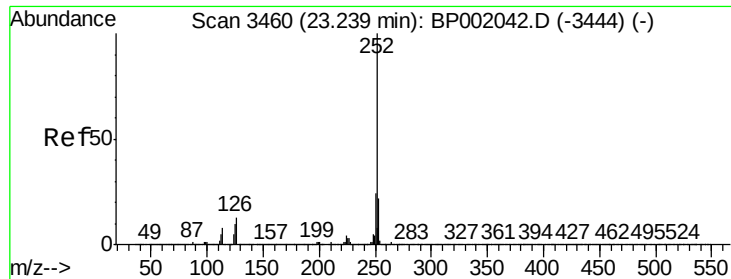
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#89
Benzo(k)fluoranthene
Concen: 14.447 ng/ul m
RT: 22.71 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BP002047.D
Acq: 04 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	10.1	7.4	11.0





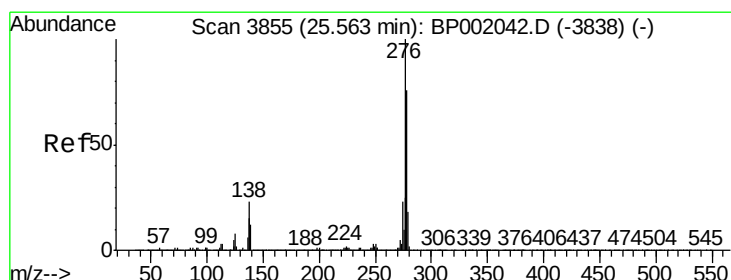
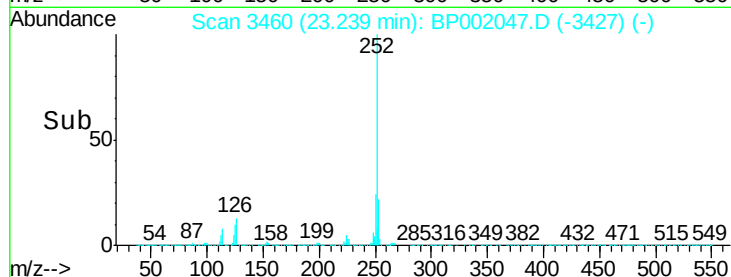
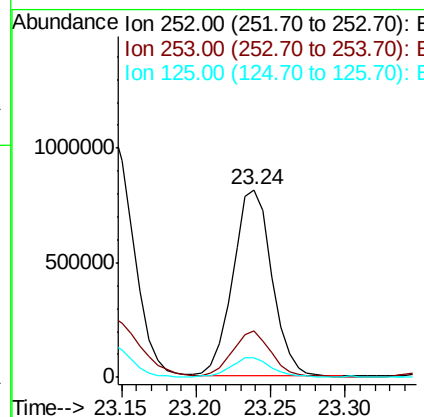
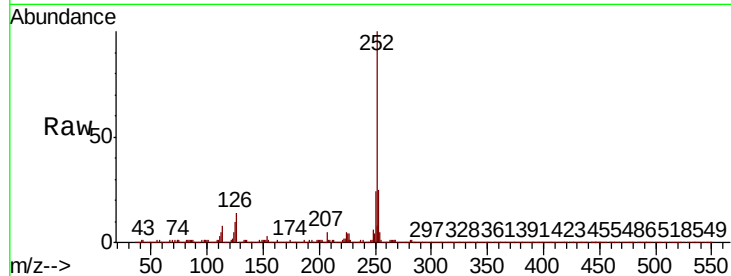
#91
Benzo(a)pyrene
Concen: 18.080 ng/ul
RT: 23.24 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BP002047.D
Acq: 04 Mar 2020 12:53

Instrument :
BNA_P
ClientSampleId :
DBDQ8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.0
125	10.2	8.2	12.2

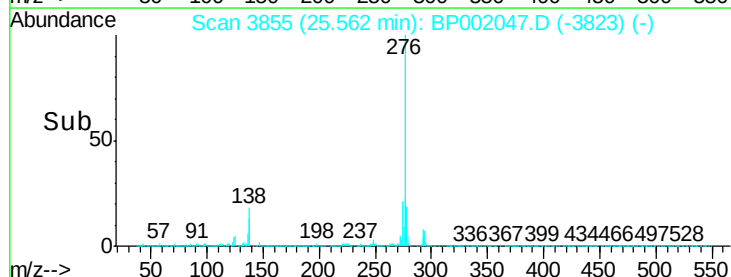
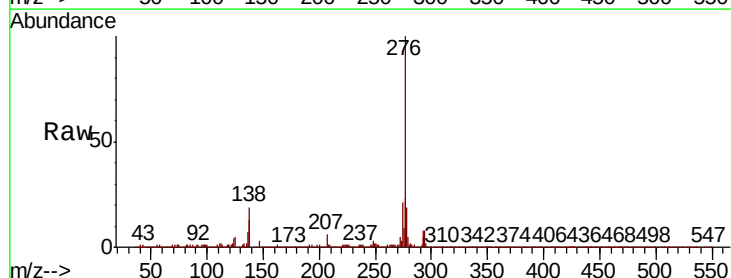
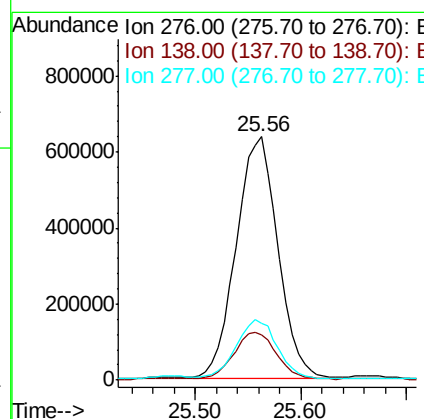
Manual Integrations
APPROVED

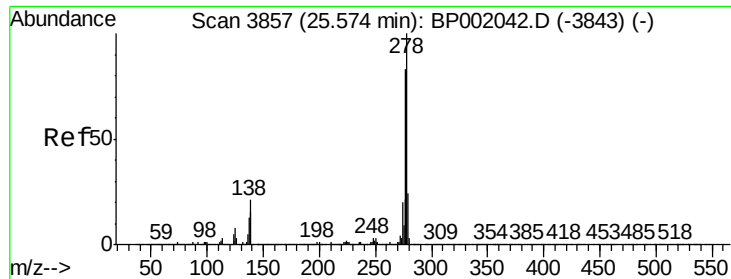
mohammad
3/5/2020 3:55:03 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 16.564 ng/ul
RT: 25.56 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BP002047.D
Acq: 04 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	18.6	28.0#
277	23.4	20.4	30.6





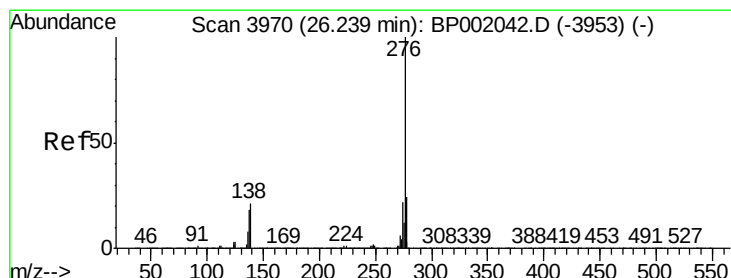
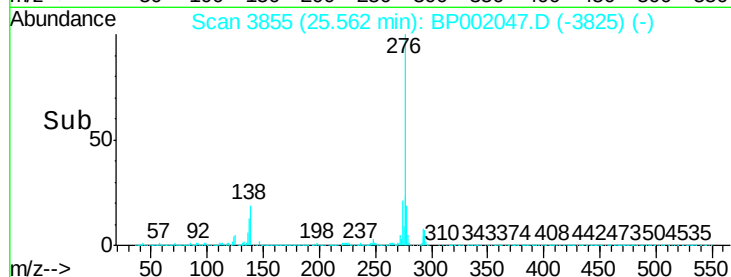
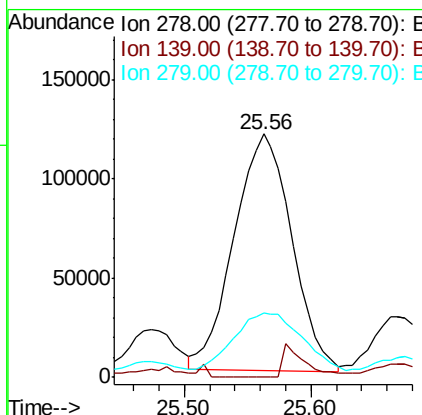
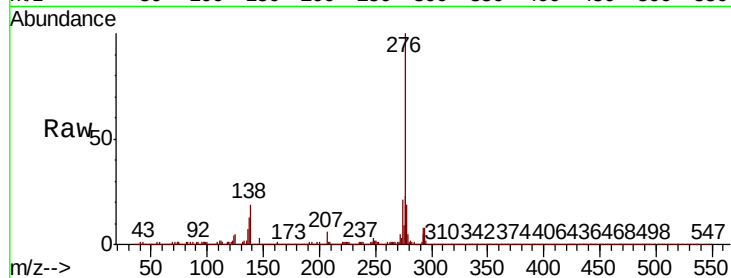
#93
Dibenzo(a,h)anthracene
Concen: 4.294 ng/ul
RT: 25.56 min Scan# 3857
Delta R.T. -0.02 min
Lab File: BP002047.D
Acq: 04 Mar 2020 12:53

Instrument :
BNA_P
ClientSampleId :
DBDQ8DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.1	18.1#
279	26.3	19.1	28.7

Manual Integrations
APPROVED

mohammad
3/5/2020 3:55:03 PM



#94
Benzo(g,h,i)perylene
Concen: 13.391 ng/ul
RT: 26.24 min Scan# 3970
Delta R.T. -0.01 min
Lab File: BP002047.D
Acq: 04 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.2	24.2
277	23.7	18.1	27.1

