

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030220\
 Data File : BP002023.D
 Acq On : 03 Mar 2020 16:11
 Operator : CG/JU
 Sample : L1616-14DL 2X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBDQ8DL

Manual Integrations
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mohammad
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Quant Time: Mar 04 06:12:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 05:31:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	357026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1460472	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	889527	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1883683	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1617125	20.00	ng/ul	0.01
86) Perylene-d12	23.35	264	1903674	20.00	ng/ul	0.02

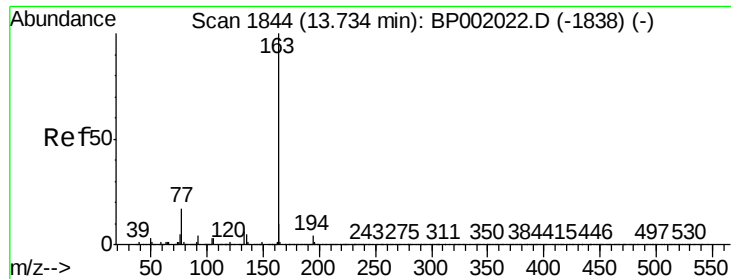
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	19084	2.30	ng/uL	0.00
5) Phenol-d5	6.81	99	375512	13.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	215330	14.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	335558	14.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	299665	13.39	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	152536	13.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	166321	13.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	343524	14.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	271681	10.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	998001	14.82	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1205507	14.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	120311	9.35	ng/ul	0.00
58) Fluorene-d10	15.27	176	901081	15.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	90650	8.73	ng/ul	0.00
71) Anthracene-d10	17.13	188	1347313	15.91	ng/ul	0.00
79) Pyrene-d10	19.38	212	1497056	17.68	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.21	264	1471400	15.11	ng/ul	0.02

Target Compounds

					Ovalue
45) Dimethylphthalate	13.74	163	83600	1.203	ng/ul 100
48) Acenaphthylene	14.00	152	186015	2.179	ng/ul 99
70) Phenanthrene	17.07	178	163297	1.574	ng/ul 99
72) Anthracene	17.17	178	760025	7.397	ng/ul 99
75) Carbazole	17.44	167	273129	3.157	ng/ul 99
77) Fluoranthene	19.06	202	2138717	17.866	ng/ul 98
80) Pyrene	19.41	202	2915476	26.480	ng/ul 99
83) Benzo(a)anthracene	21.12	228	1412957	12.915	ng/ul 94
84) Bis(2-ethylhexyl)phthalate	21.07	149	107215	1.635	ng/ul 96
85) Chrysene	21.17	228	2427159	23.254	ng/ul 98
88) Benzo(b)fluoranthene	22.69	252	4556831	38.169	ng/ul 99
89) Benzo(k)fluoranthene	22.73	252	1391541m	11.908	ng/ul
91) Benzo(a)pyrene	23.25	252	1598376	14.748	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.59	276	1903658	13.552	ng/ul 94
93) Dibenzo(a,h)anthracene	25.59	278	419101	3.609	ng/ul# 84
94) Benzo(g,h,i)perylene	26.26	276	1322464	11.153	ng/ul 99

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



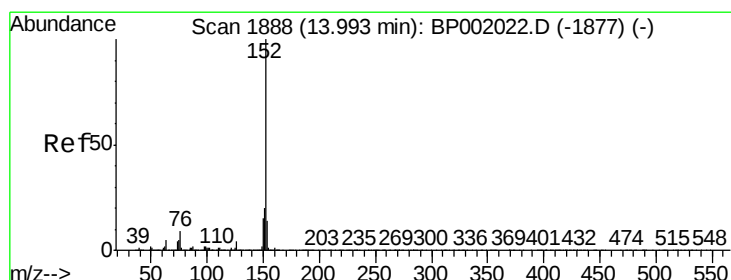
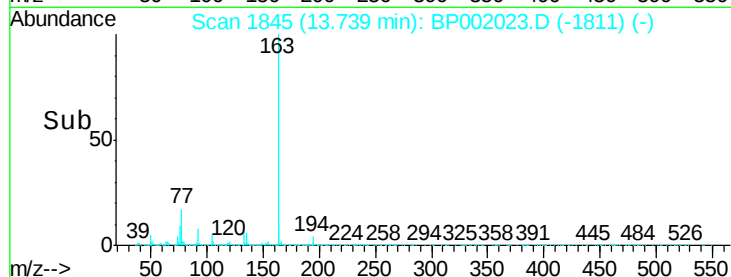
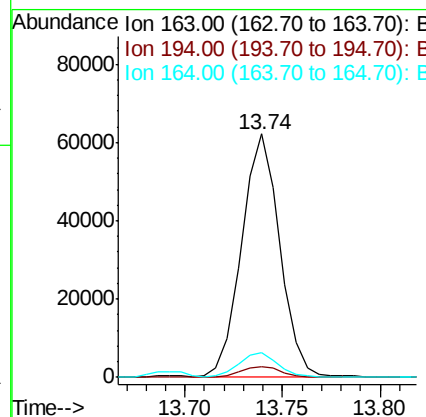
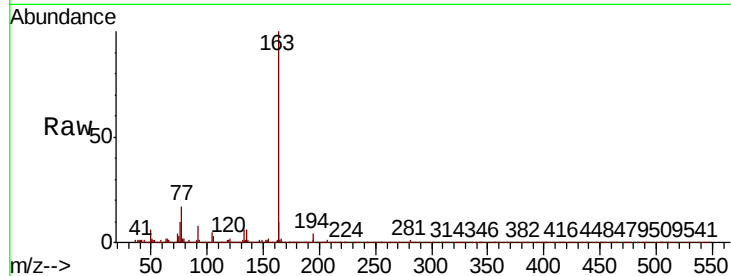
#45
Dimethylphthalate
Concen: 1.203 ng/ul
RT: 13.74 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BP002023.D
Acq: 03 Mar 2020 16:11

Instrument :
BNA_P
ClientSampleId :
DBDQ8DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.4	8.2	12.4

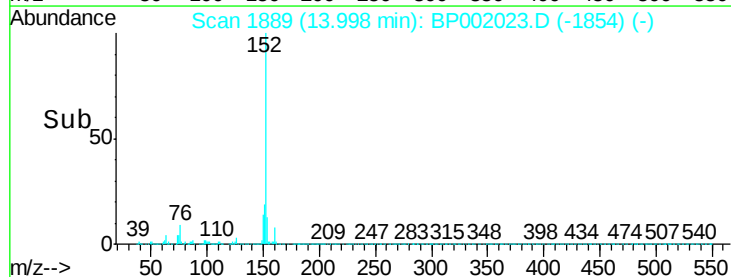
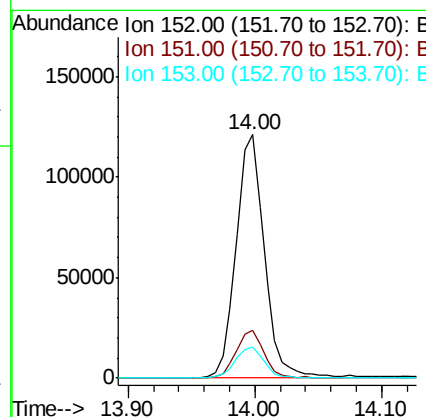
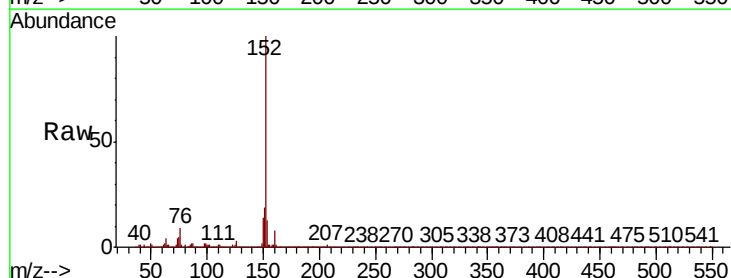
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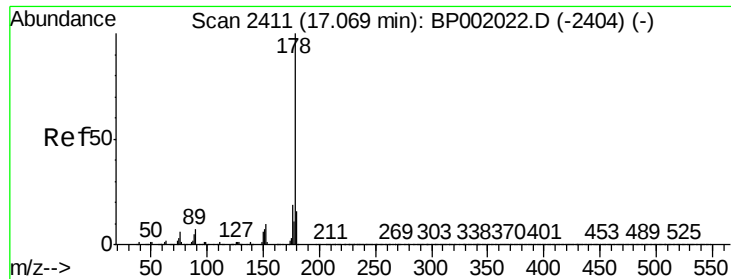
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#48
Acenaphthylene
Concen: 2.179 ng/ul
RT: 14.00 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BP002023.D
Acq: 03 Mar 2020 16:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.6	10.6	15.8





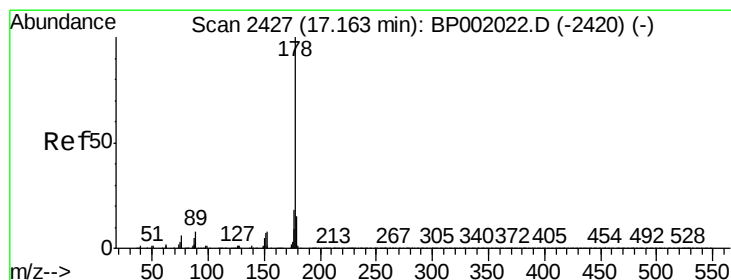
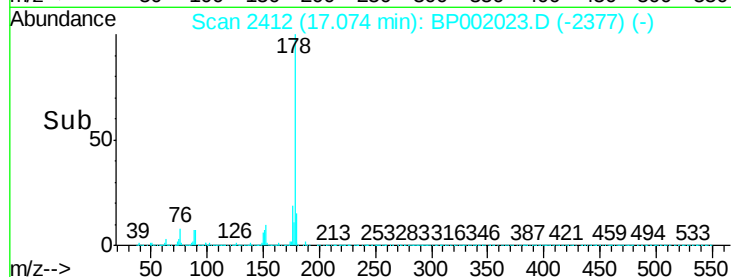
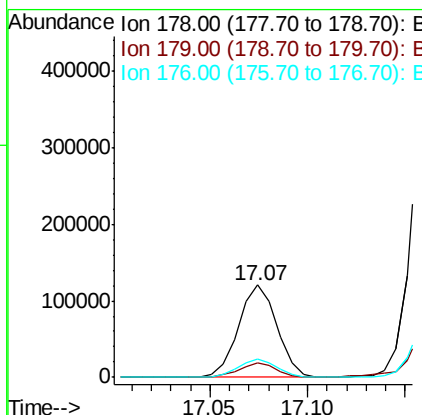
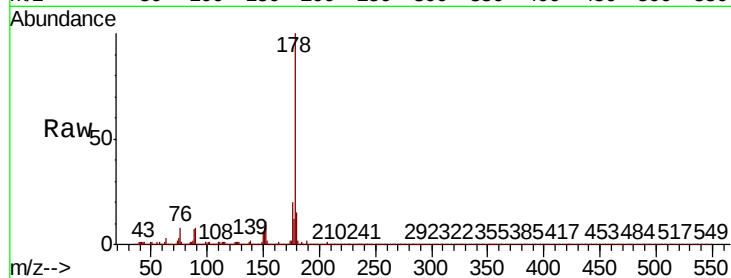
#70
Phenanthrene
Concen: 1.574 ng/ul
RT: 17.07 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BP002023.D
Acq: 03 Mar 2020 16:11

Instrument :
BNA_P
ClientSampleId :
DBDQ8DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.5	14.9	22.3

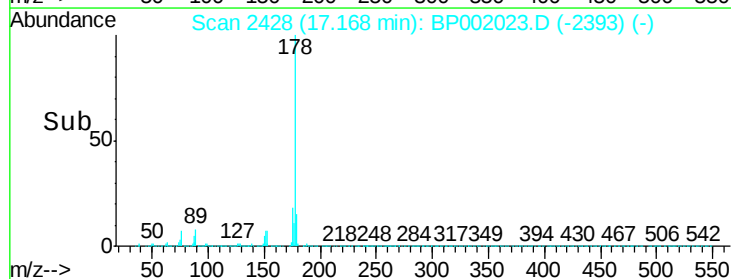
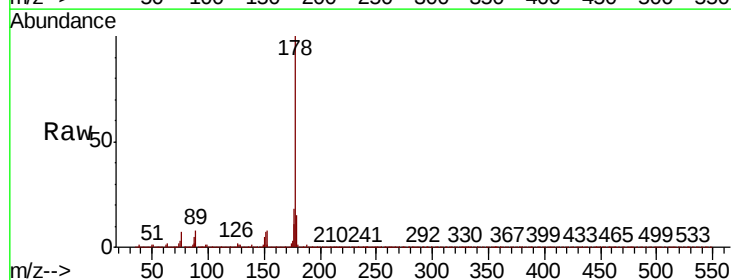
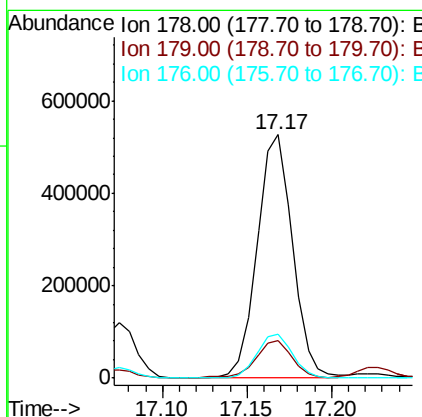
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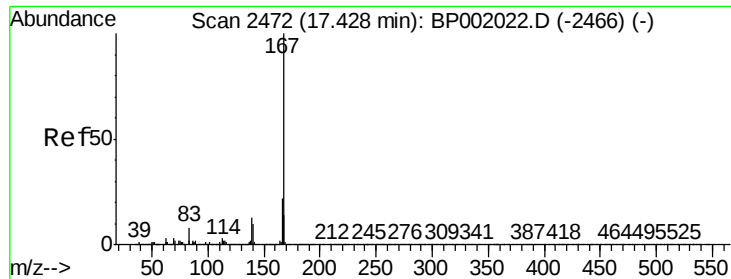
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#72
Anthracene
Concen: 7.397 ng/ul
RT: 17.17 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BP002023.D
Acq: 03 Mar 2020 16:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.2	14.6	22.0





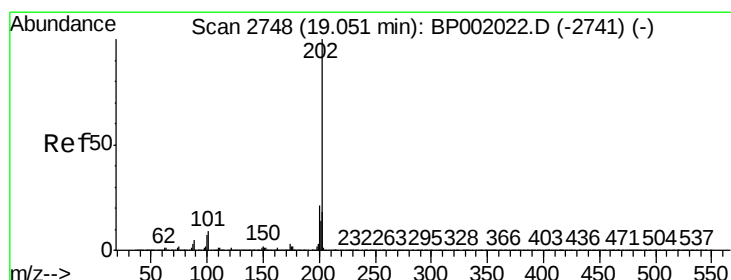
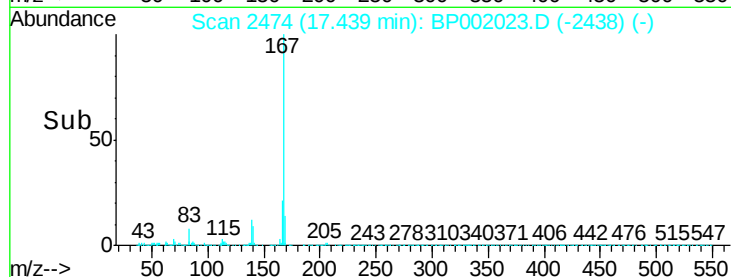
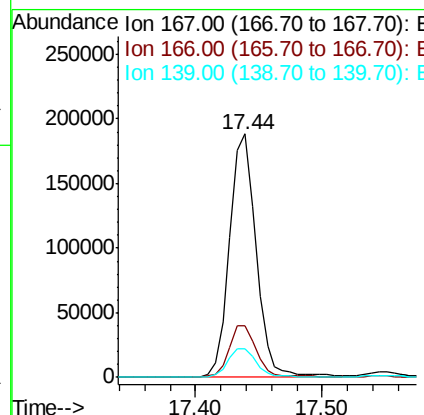
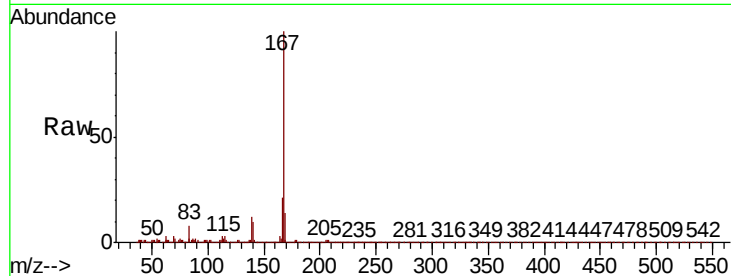
#75
 Carbazole
 Concen: 3.157 ng/ul
 RT: 17.44 min Scan# 2474
 Delta R.T. 0.01 min
 Lab File: BP002023.D
 Acq: 03 Mar 2020 16:11

Instrument :
 BNA_P
 ClientSampleID :
 DBDQ8DL

Tot Ion:	167	Resp:	273129
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.2	25.8
139	11.9	10.1	15.1

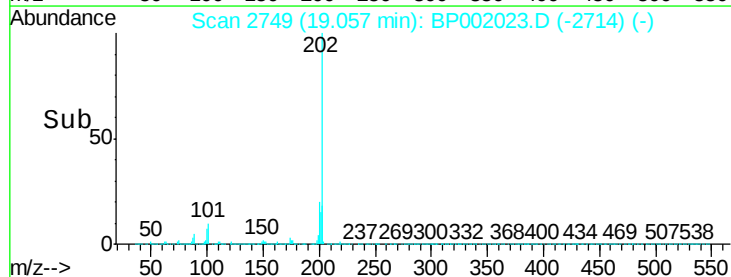
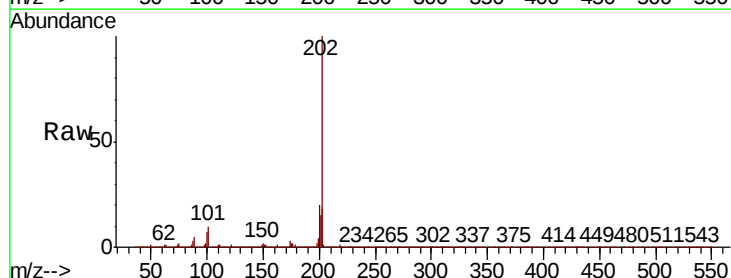
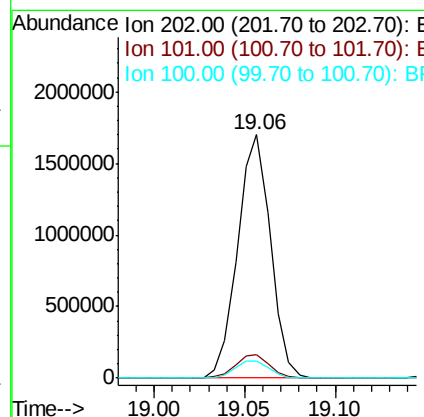
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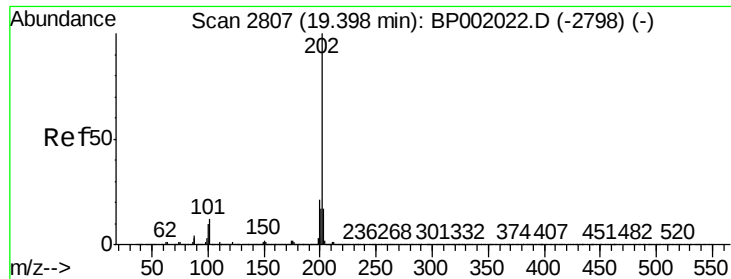
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#77
 Fluoranthene
 Concen: 17.866 ng/ul
 RT: 19.06 min Scan# 2749
 Delta R.T. 0.01 min
 Lab File: BP002023.D
 Acq: 03 Mar 2020 16:11

Tgt Ion:	202	Resp:	2138717
Ion Ratio	Lower	Upper	
202	100		
101	9.8	8.2	12.2
100	7.2	6.3	9.5





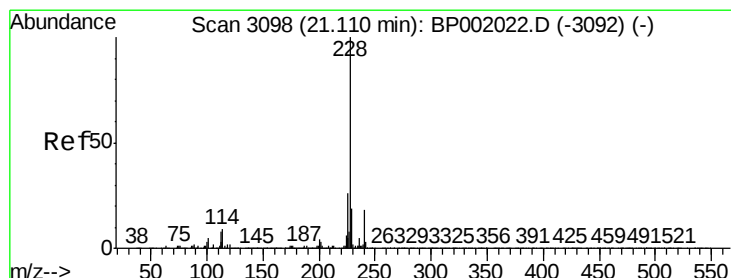
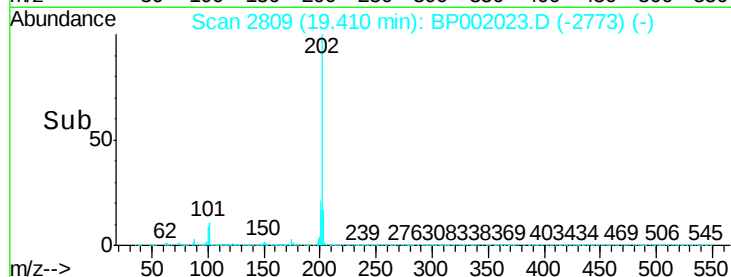
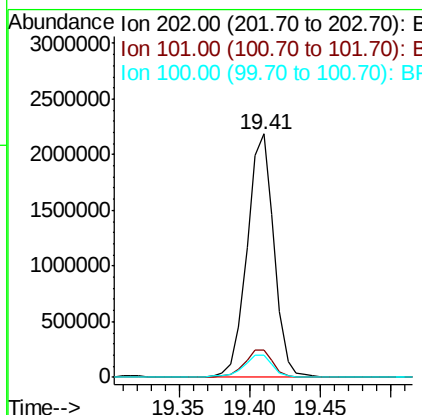
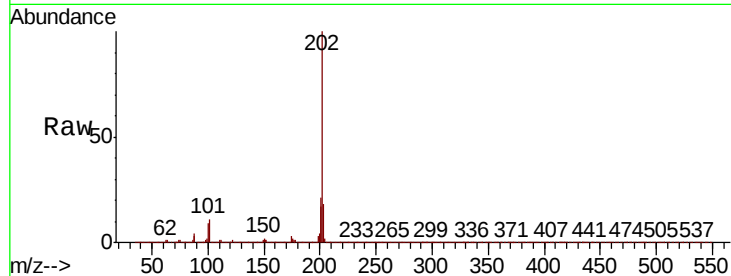
#80
Pvrene
Concen: 26.480 ng/ul
RT: 19.41 min Scan# 2809
Delta R.T. 0.01 min
Lab File: BP002023.D
Acq: 03 Mar 2020 16:11

Instrument :
BNA_P
ClientSampleID :
DBDQ8DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.3	13.9
100	8.9	7.6	11.4

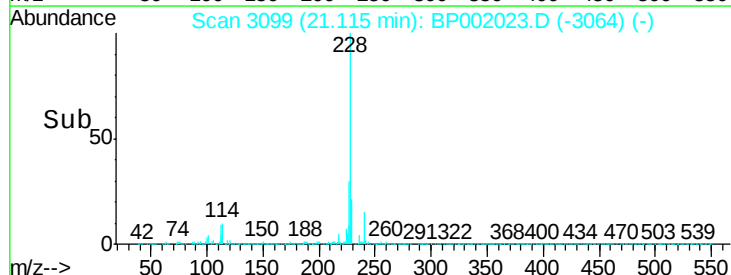
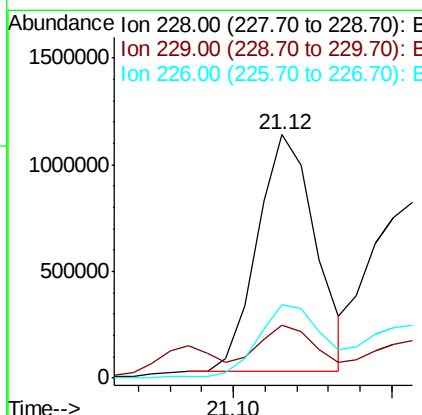
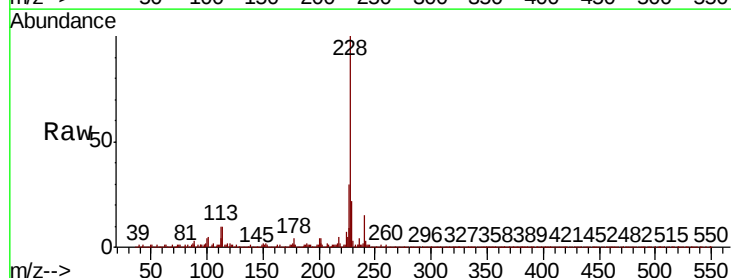
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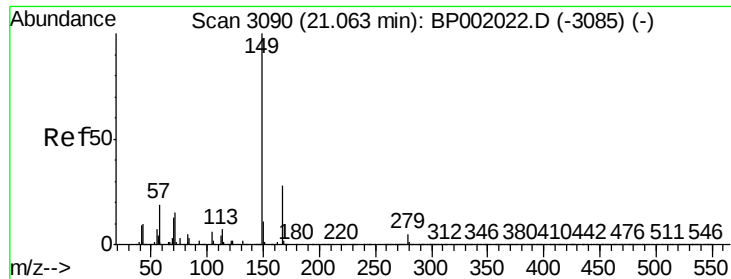
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#83
Benzo(a)anthracene
Concen: 12.915 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BP002023.D
Acq: 03 Mar 2020 16:11

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	30.2	21.4	32.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.635 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BP002023.D

Acq: 03 Mar 2020 16:11

Instrument :

BNA_P

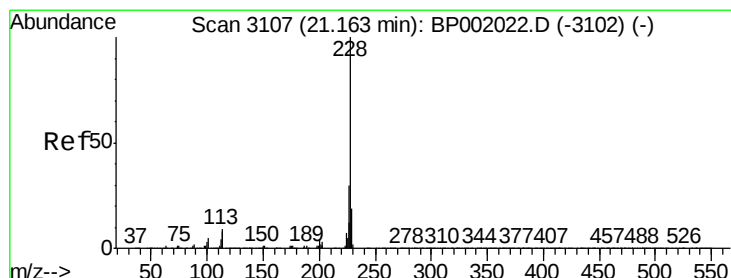
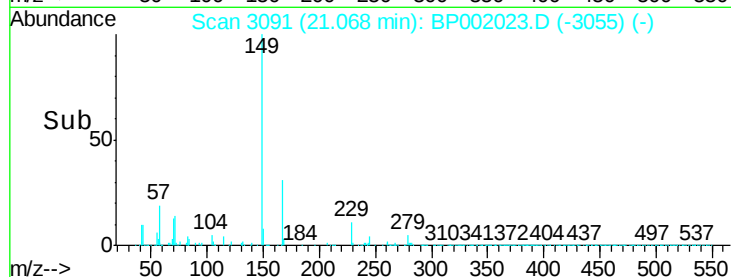
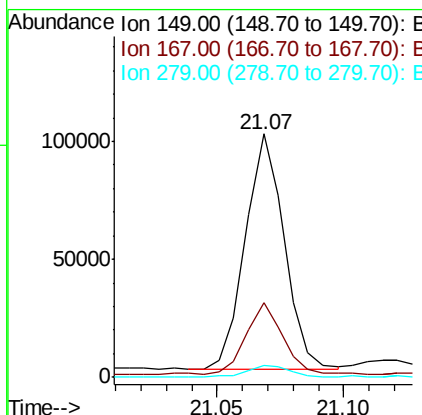
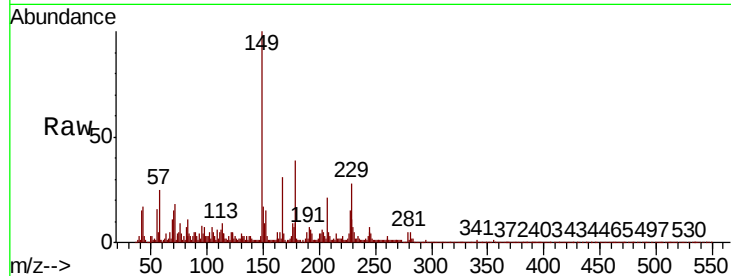
ClientSampled :

DBDQ8DL

Tot Ion:	149	Resp:	107215
Ion Ratio	Lower	Upper	
149	100		
167	30.7	22.7	34.1
279	4.8	3.6	5.4

Manual Integrations
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#85

Chrysene

Concen: 23.254 ng/ul

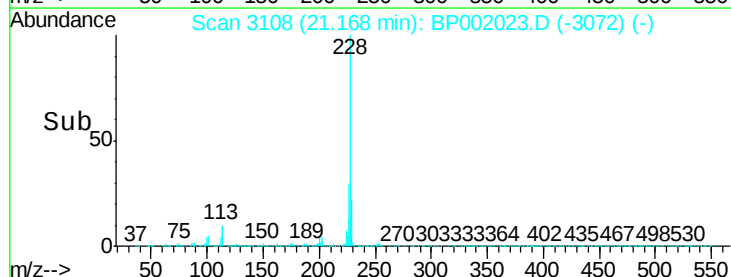
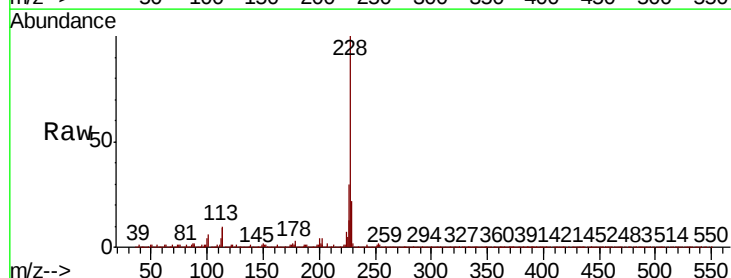
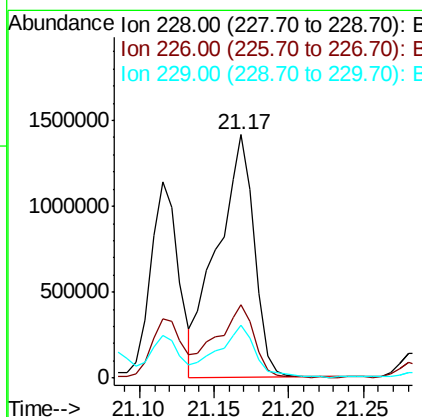
RT: 21.17 min Scan# 3108

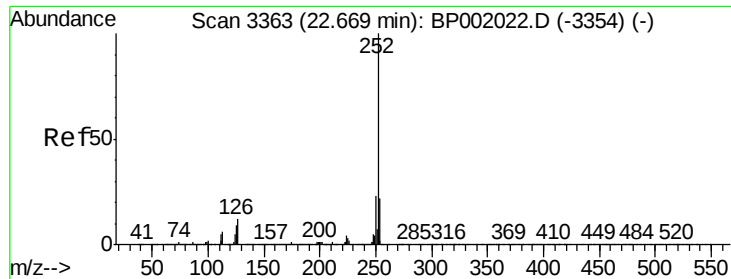
Delta R.T. 0.01 min

Lab File: BP002023.D

Acq: 03 Mar 2020 16:11

Tgt Ion:	228	Resp:	2427159
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.4	36.6
229	21.9	15.9	23.9





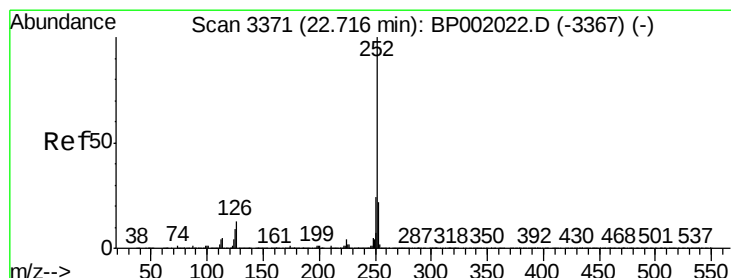
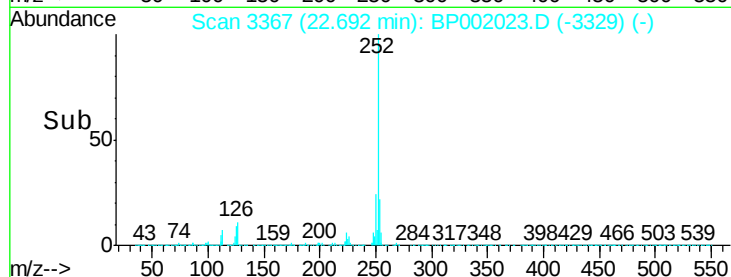
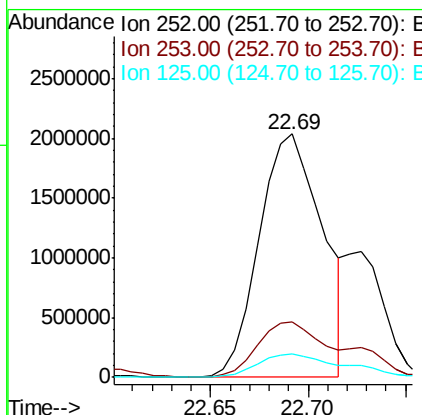
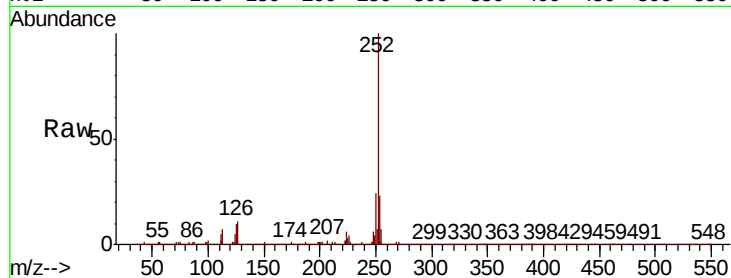
#88
Benzo(b)fluoranthene
Concen: 38.169 ng/ul
RT: 22.69 min Scan# 3367
Delta R.T. 0.02 min
Lab File: BP002023.D
Acq: 03 Mar 2020 16:11

Instrument :
BNA_P
ClientSampled :
DBDQ8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	9.6	7.4	11.0

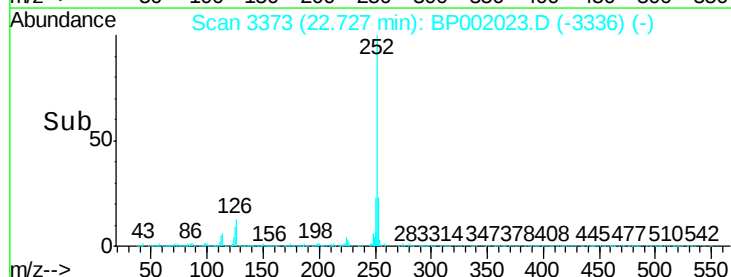
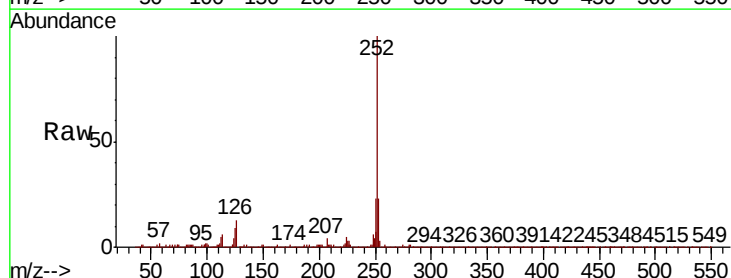
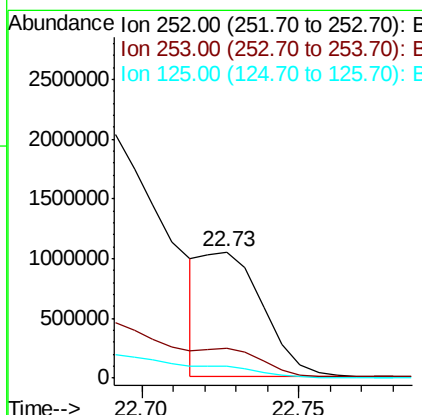
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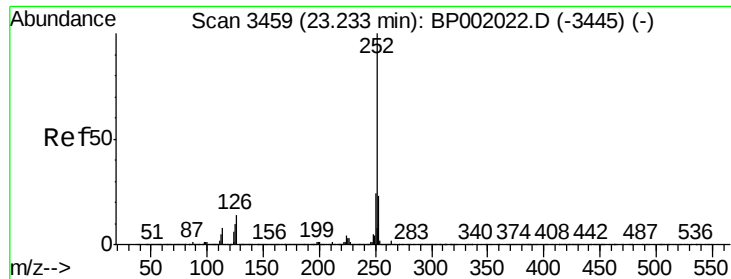
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#89
Benzo(k)fluoranthene
Concen: 11.908 ng/ul m
RT: 22.73 min Scan# 3373
Delta R.T. 0.02 min
Lab File: BP002023.D
Acq: 03 Mar 2020 16:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	9.3	7.4	11.0





#91

Benzo(a)pyrene

Concen: 14.748 ng/ul

RT: 23.25 min Scan# 3462

Delta R.T. 0.02 min

Lab File: BP002023.D

Acq: 03 Mar 2020 16:11

Instrument :

BNA_P

ClientSampleId :

DBDQ8DL

Tot Ion:252 Resp: 1598376

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

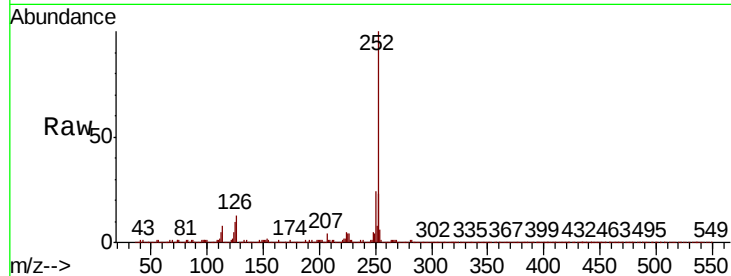
125 10.3 8.2 12.2

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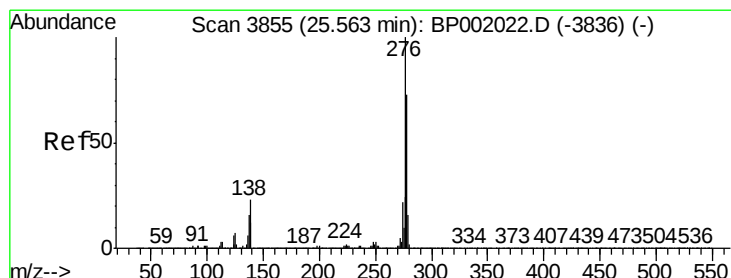
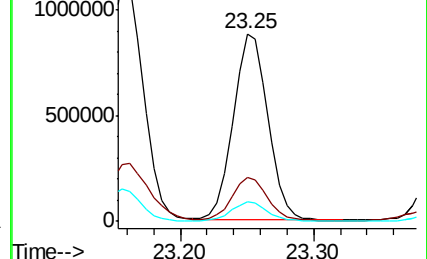
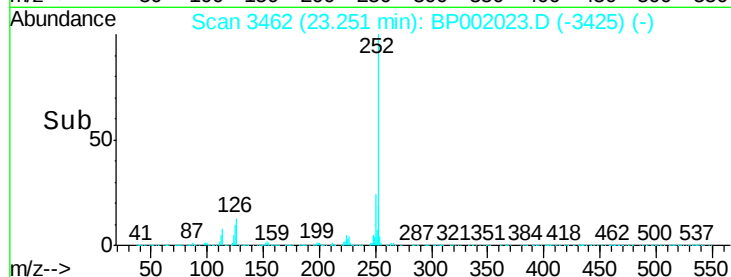
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 13.552 ng/ul

RT: 25.59 min Scan# 3859

Delta R.T. 0.03 min

Lab File: BP002023.D

Acq: 03 Mar 2020 16:11

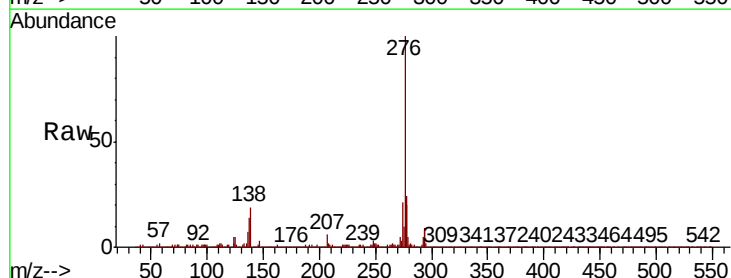
Tgt Ion:276 Resp: 1903658

Ion Ratio Lower Upper

276 100

138 19.2 18.6 28.0

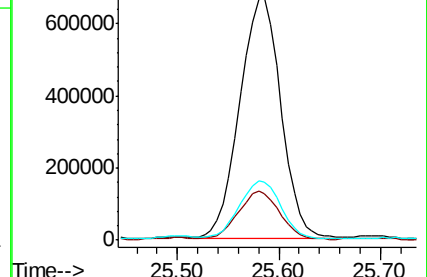
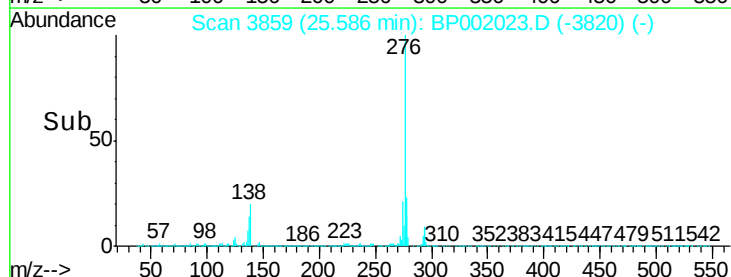
277 23.7 20.4 30.6

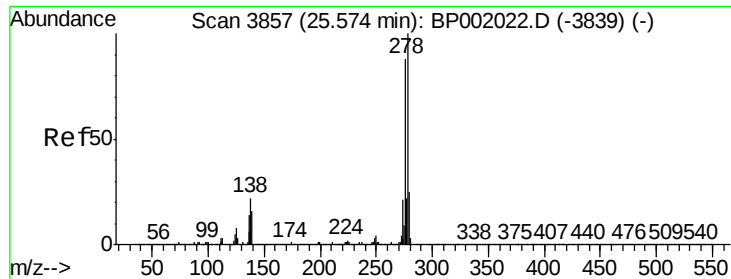


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





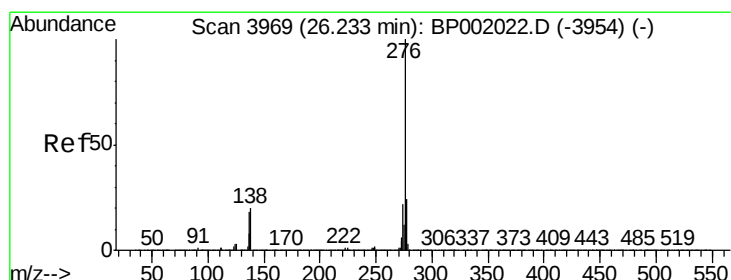
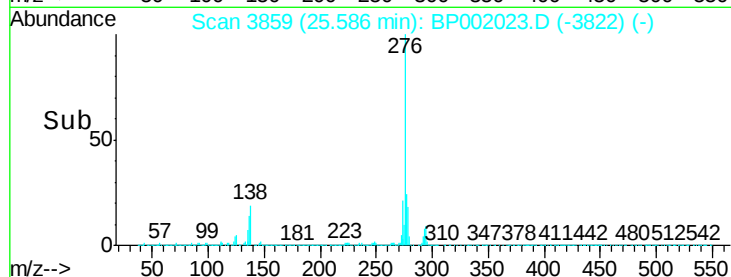
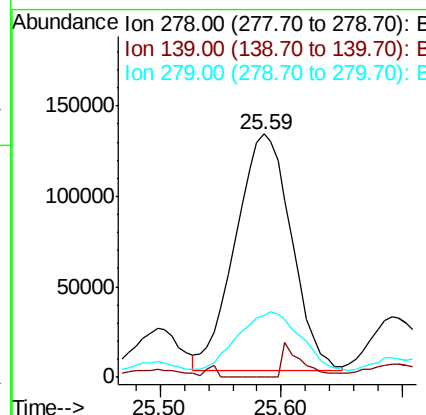
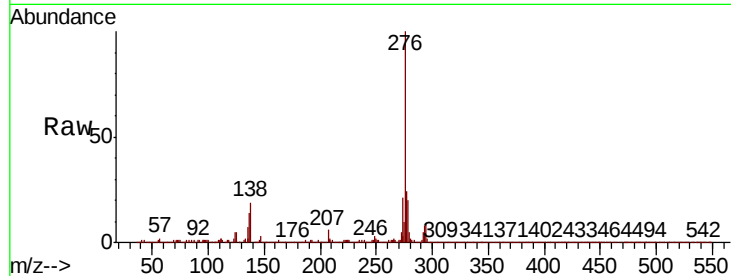
#93
Dibenzo(a,h)anthracene
Concen: 3.609 ng/ul
RT: 25.59 min Scan# 3859
Delta R.T. 0.02 min
Lab File: BP002023.D
Acq: 03 Mar 2020 16:11

Instrument :
BNA_P
ClientSampleId :
DBDQ8DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.1	18.1#
279	25.5	19.1	28.7

Manual Integrations
APPROVED

mohammad
3/4/2020 2:48:51 PM



#94
Benzo(g,h,i)perylene
Concen: 11.153 ng/ul
RT: 26.26 min Scan# 3974
Delta R.T. 0.03 min
Lab File: BP002023.D
Acq: 03 Mar 2020 16:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.2	24.2
277	23.4	18.1	27.1

