

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030220\
 Data File : BP002005.D
 Acq On : 03 Mar 2020 00:22
 Operator : CG/JU
 Sample : L1616-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 DBDQ8

Manual Integrations
 APPROVED

mohammad
 3/3/2020 3:03:44 PM

Quant Time: Mar 03 04:52:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 03:51:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	301656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1219147	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	747535	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1585207	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1243627	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	1443428	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	36740	5.24	ng/uL	0.00
5) Phenol-d5	6.82	99	752945	32.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	421523	34.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	657881	33.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	595718	31.50	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	312888	33.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	351385	33.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	681522	33.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	560889	25.21	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1945512	34.39	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	2380685	35.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	278742	25.77	ng/ul	0.00
58) Fluorene-d10	15.27	176	1723760	35.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	219050	25.07	ng/ul	0.00
71) Anthracene-d10	17.13	188	2559860	35.93	ng/ul	0.00
79) Pyrene-d10	19.37	212	2742682	42.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	2627362	35.58	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.85	94	29316	1.227	ng/ul	97
45) Dimethylphthalate	13.73	163	163373	2.798	ng/ul	100
48) Acenaphthylene	13.99	152	364324	5.078	ng/ul	99
70) Phenanthrene	17.07	178	305540	3.499	ng/ul	99
72) Anthracene	17.16	178	1584422	18.324	ng/ul	99
75) Carbazole	17.43	167	597833	8.211	ng/ul	99
77) Fluoranthene	19.05	202	3925154	38.962	ng/ul	99
80) Pyrene	19.40	202	5076564	59.955	ng/ul	100
83) Benzo(a)anthracene	21.11	228	2681632	31.872	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.06	149	207719	4.120	ng/ul	99
85) Chrysene	21.16	228	4275955	53.270	ng/ul	98
88) Benzo(b)fluoranthene	22.68	252	7889799	87.160	ng/ul	97
89) Benzo(k)fluoranthene	22.72	252	2321823m	26.204	ng/ul	
91) Benzo(a)pyrene	23.24	252	2810518	34.201	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.57	276	3513616	32.989	ng/ul	96
93) Dibenzo(a,h)anthracene	25.57	278	764387	8.680	ng/ul#	83
94) Benzo(g,h,i)perylene	26.25	276	2424159	26.963	ng/ul	98

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

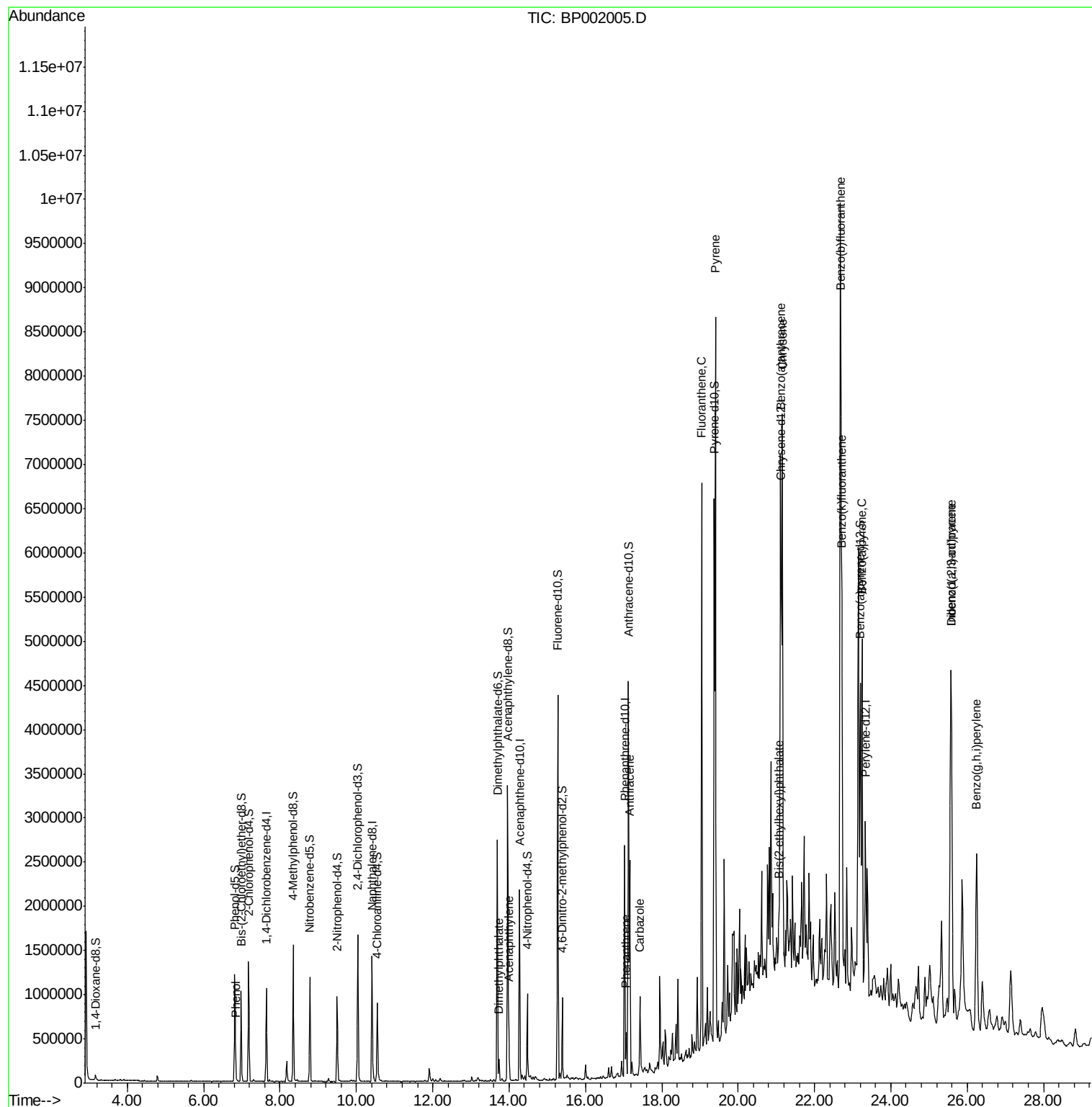
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002005.D
Acq On : 03 Mar 2020 00:22
Operator : CG/JU
Sample : L1616-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

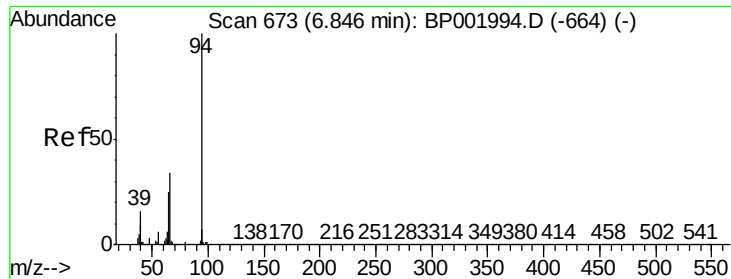
Instrument :
BNA_P
ClientSampleId :
DBDQ8

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Quant Time: Mar 03 04:52:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 03:51:53 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.227 ng/ul

RT: 6.85 min Scan# 673

Delta R.T. -0.00 min

Lab File: BP002005.D

Acq: 03 Mar 2020 00:22

Instrument :

BNA_P

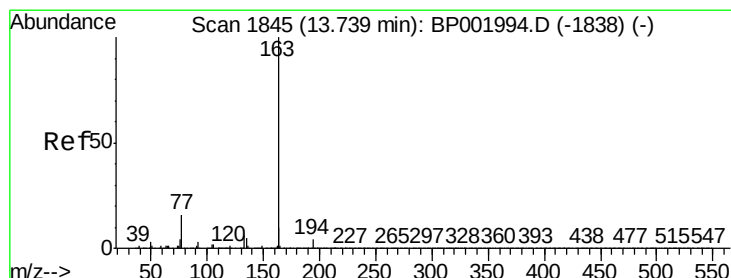
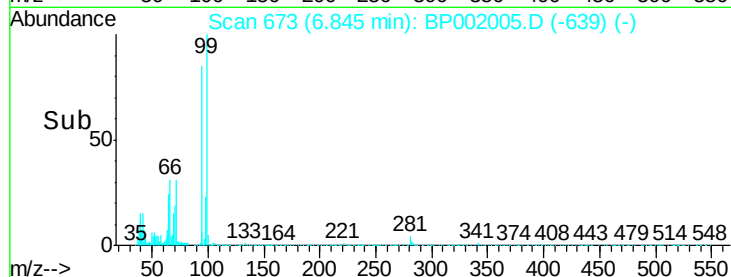
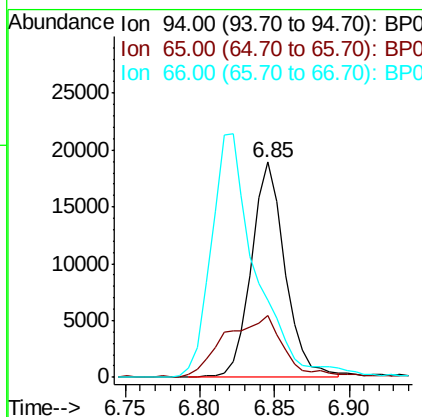
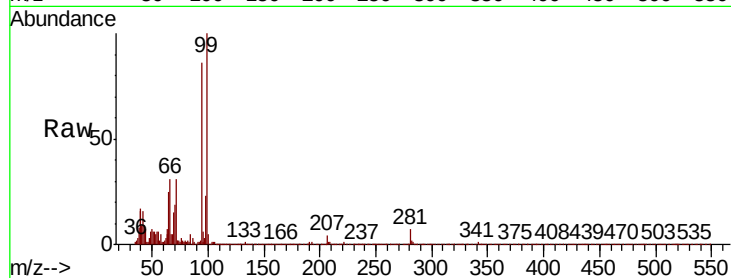
ClientSampleId :

DBDQ8

Tot Ion:	94	Resp:	29316
Ion Ratio	Lower	Upper	
94	100		
65	28.7	20.6	30.8
66	35.7	28.2	42.2

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#45

Dimethylphthalate

Concen: 2.798 ng/ul

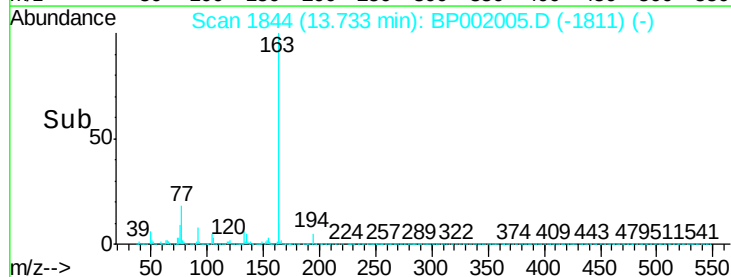
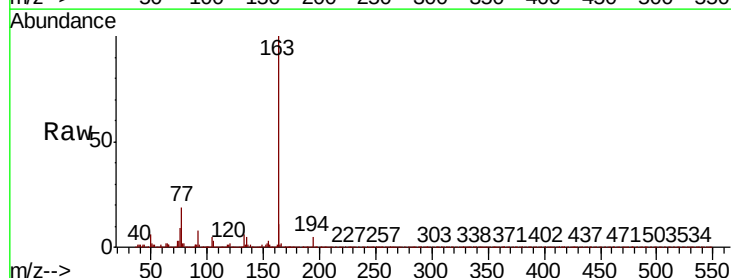
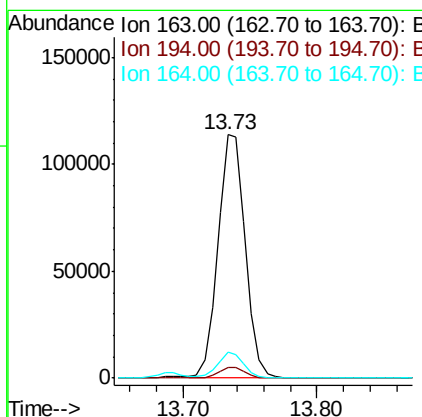
RT: 13.73 min Scan# 1844

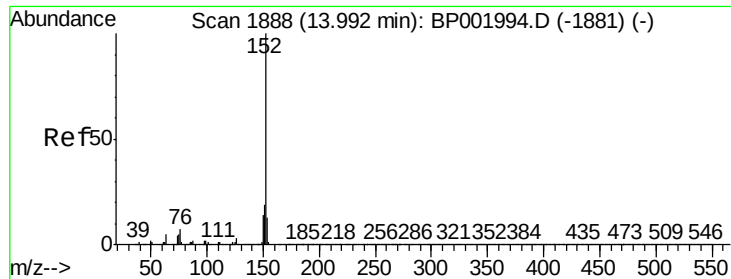
Delta R.T. -0.01 min

Lab File: BP002005.D

Acq: 03 Mar 2020 00:22

Tgt Ion:	163	Resp:	163373
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.5	8.2	12.4





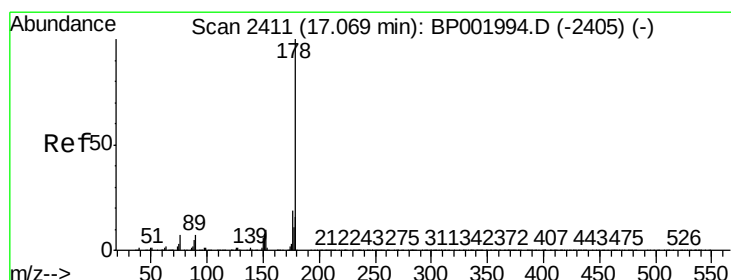
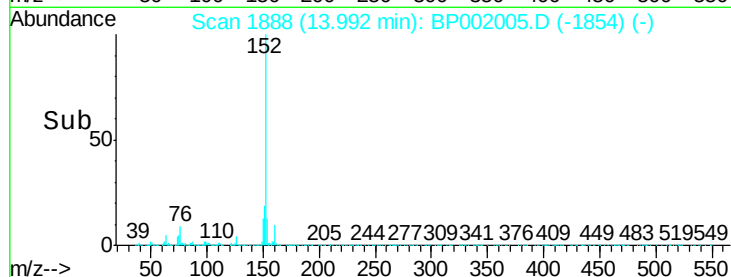
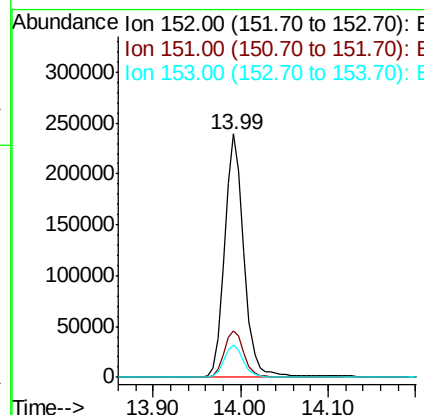
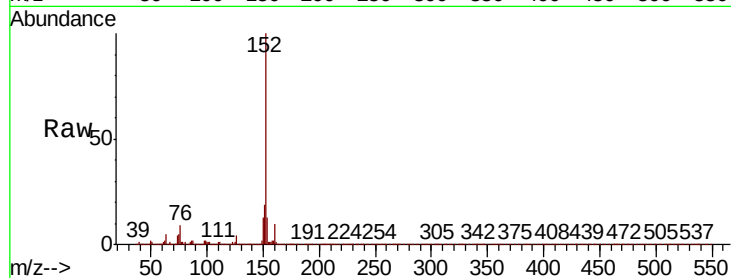
#48
Acenaphthylene
Concen: 5.078 ng/ul
RT: 13.99 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BP002005.D
Acq: 03 Mar 2020 00:22

Instrument :
BNA_P
ClientSampleId :
DBDQ8

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	13.3	10.6	15.8

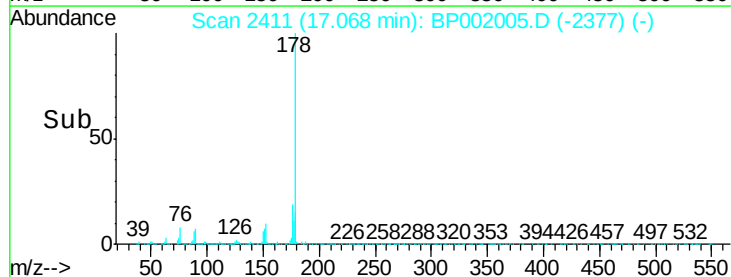
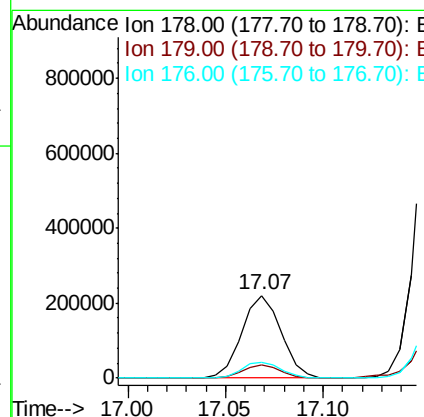
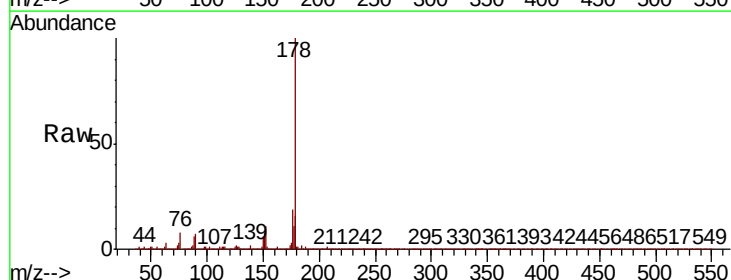
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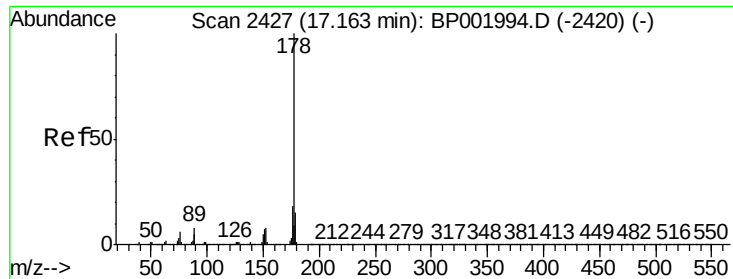
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#70
Phenanthrene
Concen: 3.499 ng/ul
RT: 17.07 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BP002005.D
Acq: 03 Mar 2020 00:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.1	14.9	22.3





#72

Anthracene

Concen: 18.324 ng/ul

RT: 17.16 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BP002005.D

Acq: 03 Mar 2020 00:22

Instrument :

BNA_P

ClientSampleId :

DBDQ8

Tot Ion:178 Resp: 1584422

Ion Ratio Lower Upper

178 100

179 15.0 12.8 19.2

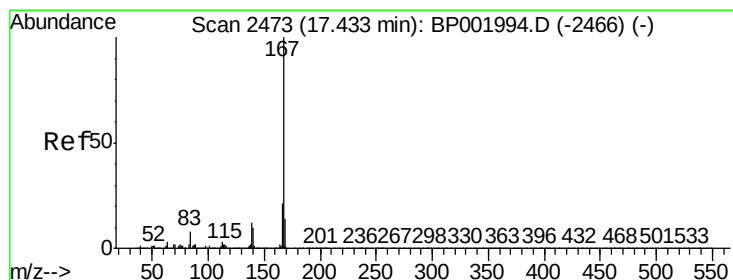
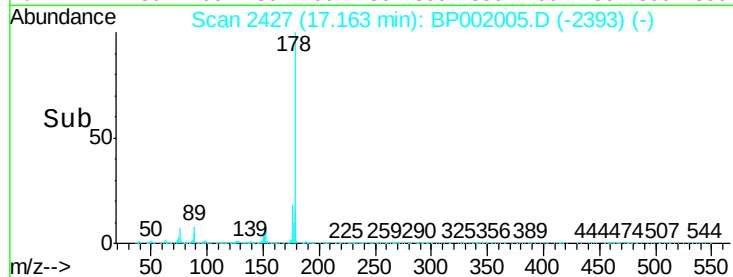
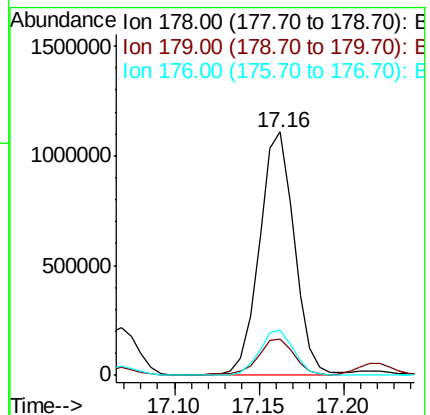
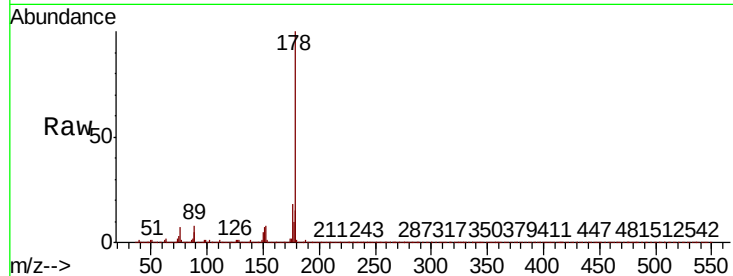
176 18.5 14.6 22.0

Manual Integrations

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#75

Carbazole

Concen: 8.211 ng/ul

RT: 17.43 min Scan# 2472

Delta R.T. -0.01 min

Lab File: BP002005.D

Acq: 03 Mar 2020 00:22

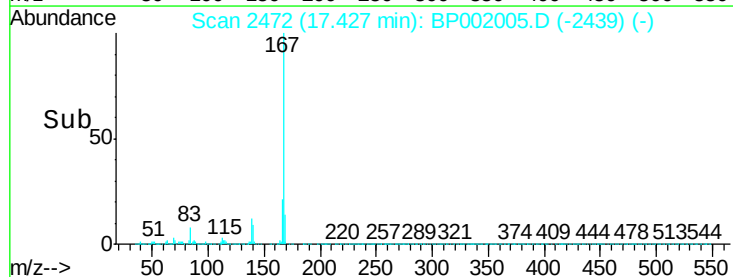
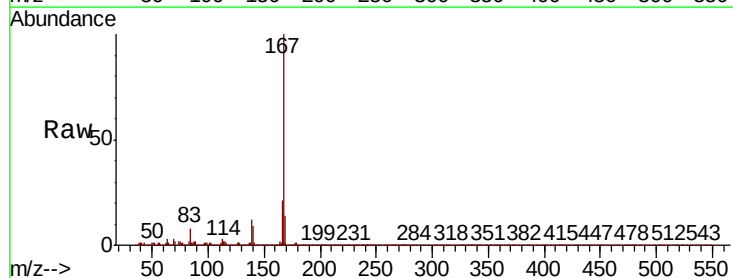
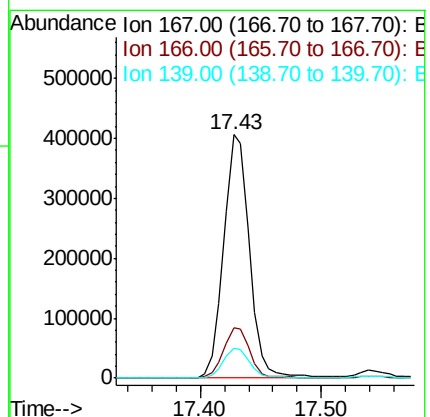
Tgt Ion:167 Resp: 597833

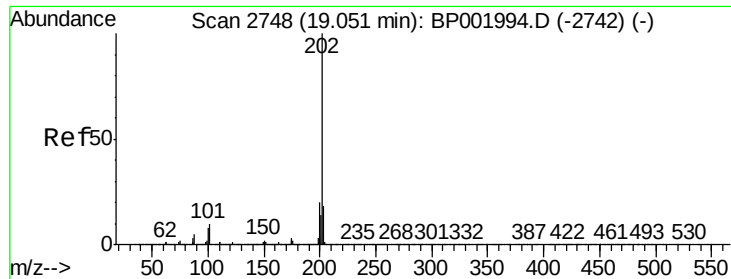
Ion Ratio Lower Upper

167 100

166 20.9 17.2 25.8

139 12.4 10.1 15.1





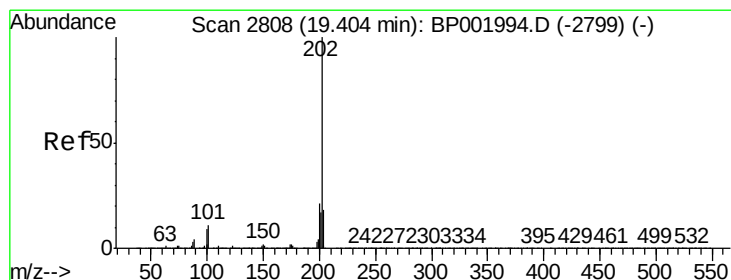
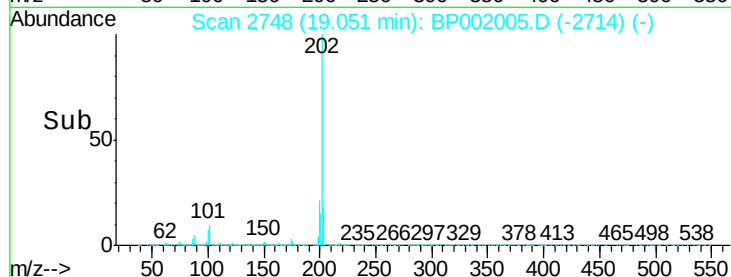
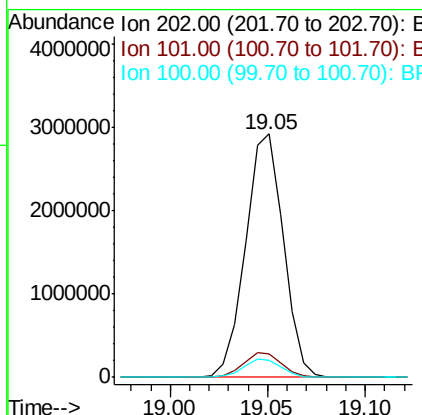
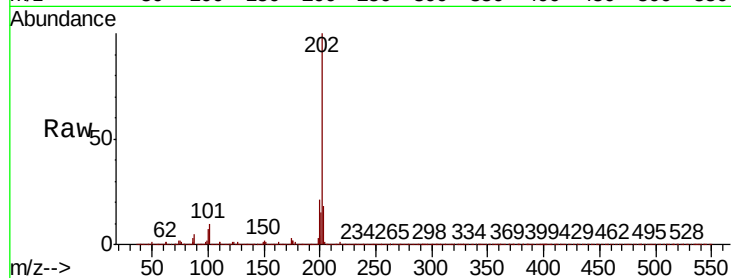
#77
Fluoranthene
Concen: 38.962 ng/ul
RT: 19.05 min Scan# 2748
Delta R.T. -0.00 min
Lab File: BP002005.D
Acq: 03 Mar 2020 00:22

Instrument :
BNA_P
ClientSampleId :
DBDQ8

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.2	12.2
100	7.2	6.3	9.5

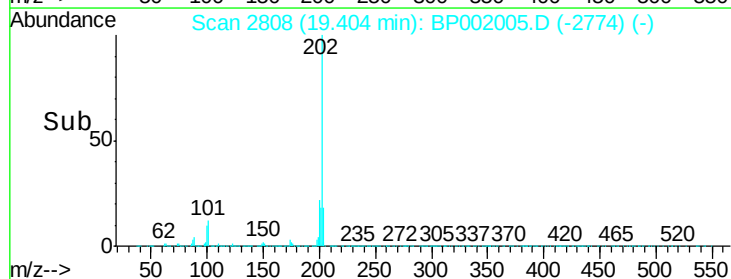
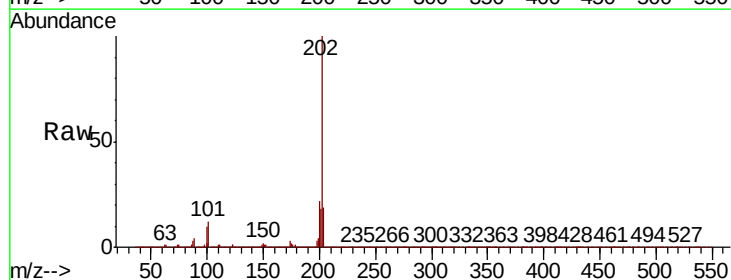
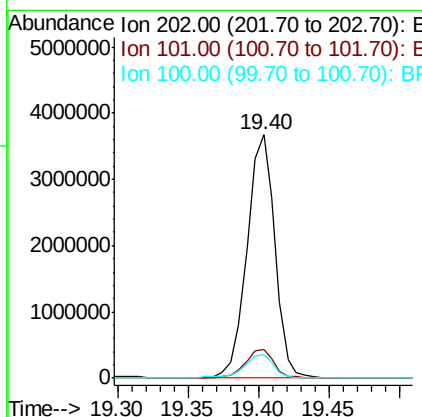
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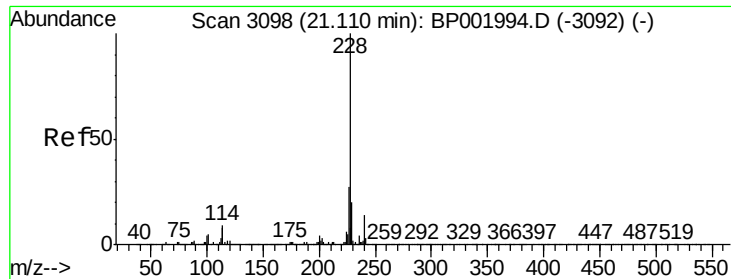
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#80
Pyrene
Concen: 59.955 ng/ul
RT: 19.40 min Scan# 2808
Delta R.T. -0.00 min
Lab File: BP002005.D
Acq: 03 Mar 2020 00:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.3	13.9
100	9.5	7.6	11.4





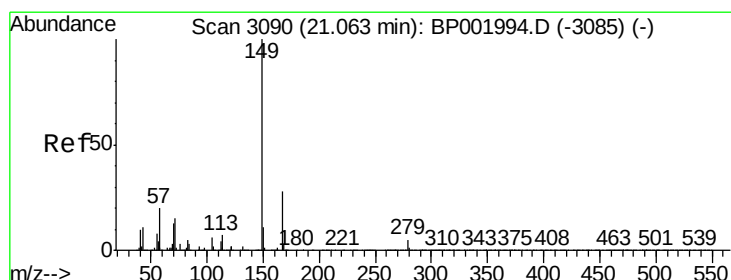
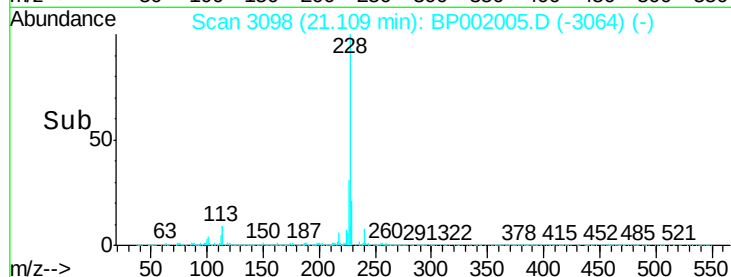
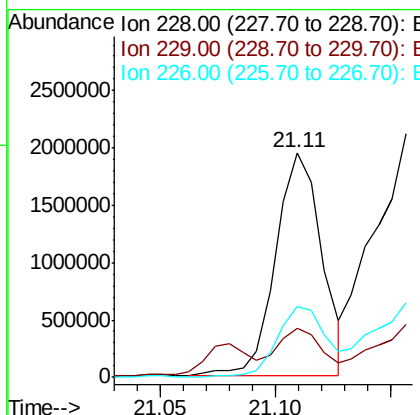
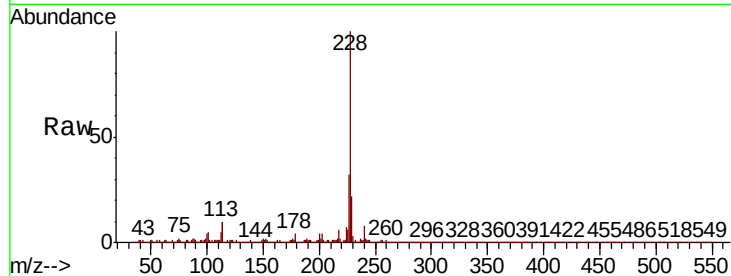
#83
Benzo(a)anthracene
Concen: 31.872 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BP002005.D
Acq: 03 Mar 2020 00:22

Instrument :
BNA_P
ClientSampleId :
DBDQ8

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	31.5	21.4	32.0

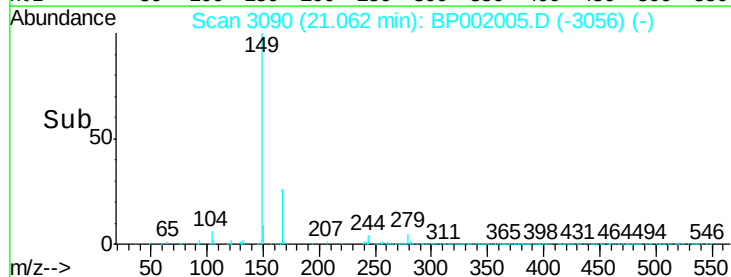
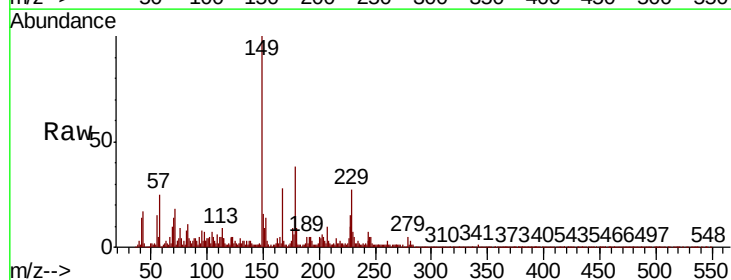
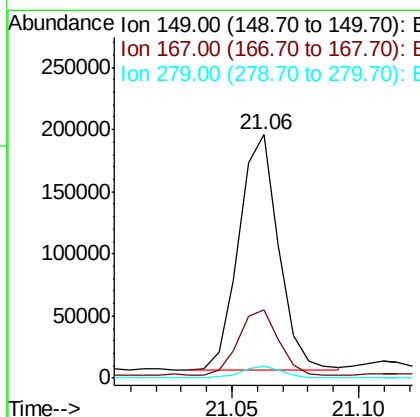
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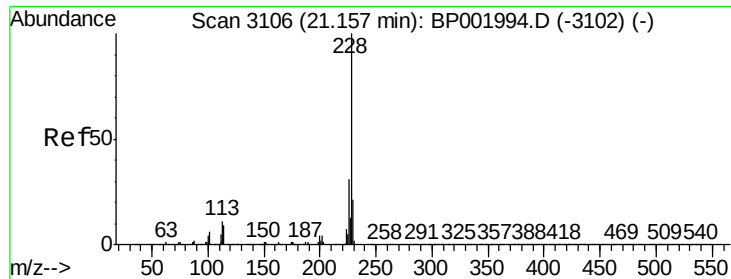
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#84
Bis(2-ethylhexyl)phthalate
Concen: 4.120 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BP002005.D
Acq: 03 Mar 2020 00:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.7	34.1
279	5.1	3.6	5.4





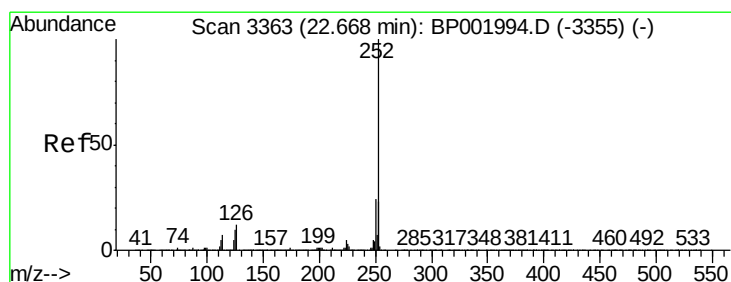
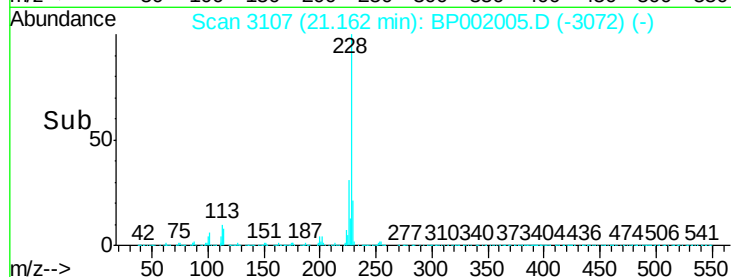
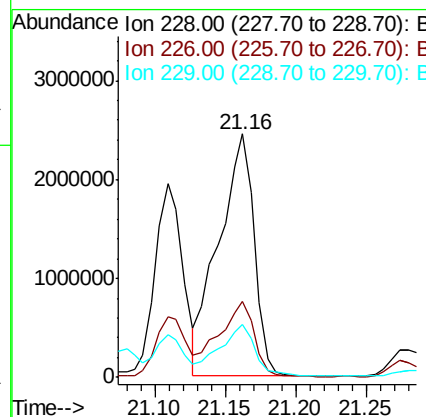
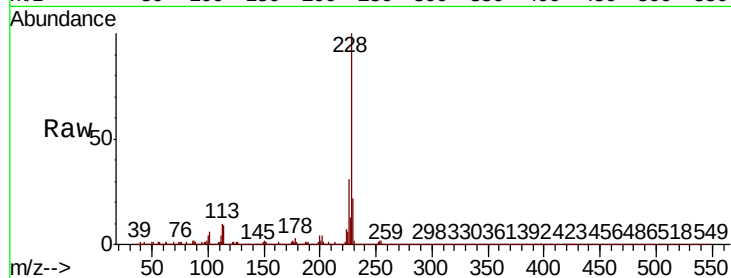
#85
Chrysene
Concen: 53.270 ng/ul
RT: 21.16 min Scan# 3107
Delta R.T. 0.01 min
Lab File: BP002005.D
Acq: 03 Mar 2020 00:22

Instrument :
BNA_P
ClientSampleId :
DBDQ8

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	21.8	15.9	23.9

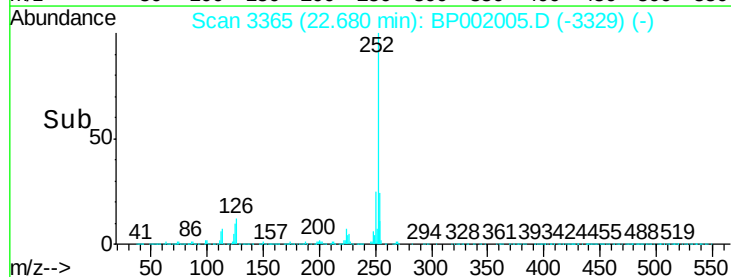
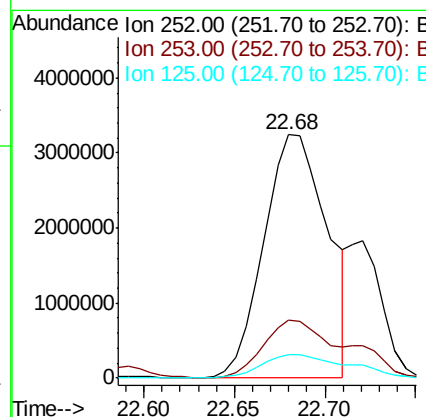
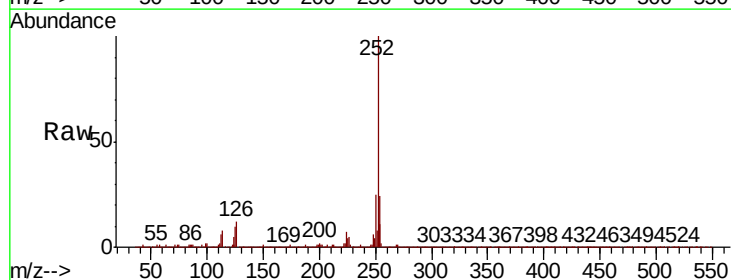
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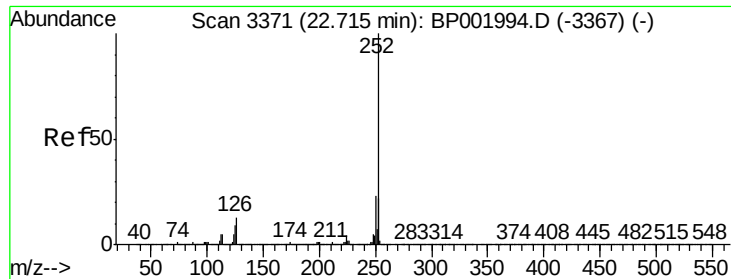
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#88
Benzo(b)fluoranthene
Concen: 87.160 ng/ul
RT: 22.68 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BP002005.D
Acq: 03 Mar 2020 00:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	9.8	7.4	11.0





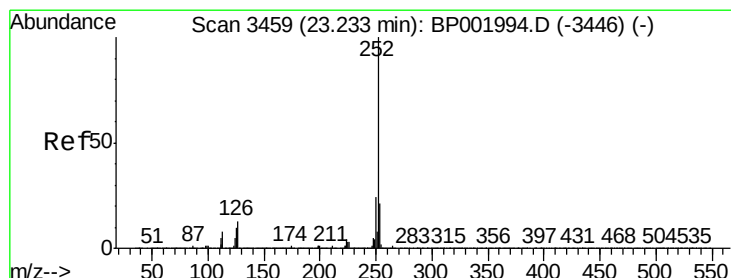
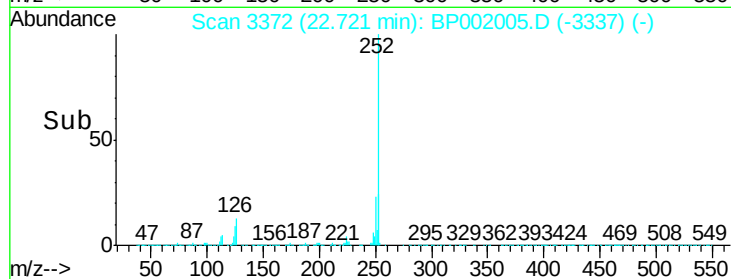
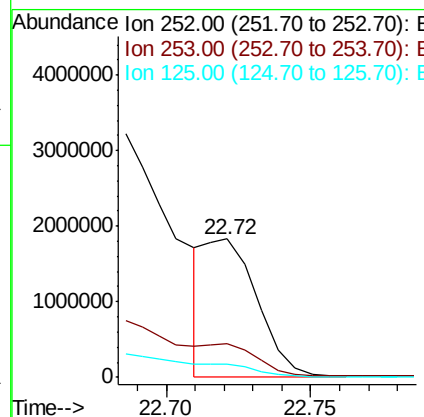
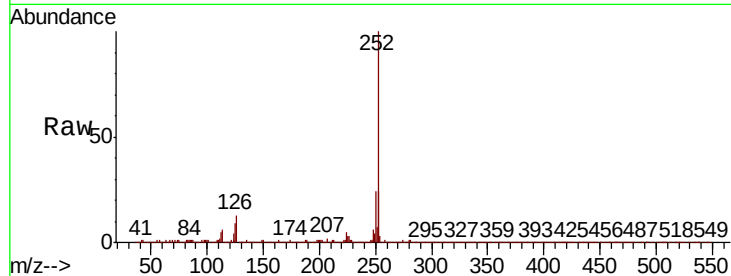
#89
Benzo(k)fluoranthene
Concen: 26.204 ng/ul m
RT: 22.72 min Scan# 3372
Delta R.T. 0.01 min
Lab File: BP002005.D
Acq: 03 Mar 2020 00:22

Instrument :
BNA_P
ClientSampleId :
DBDQ8

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	9.4	7.4	11.0

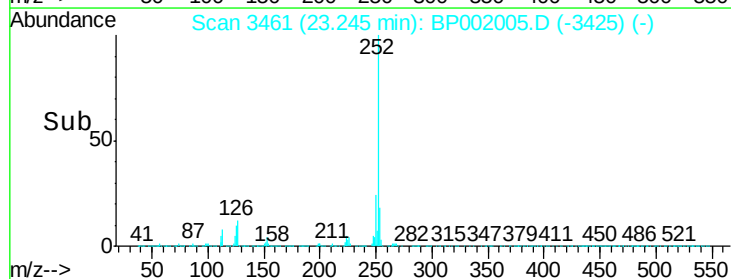
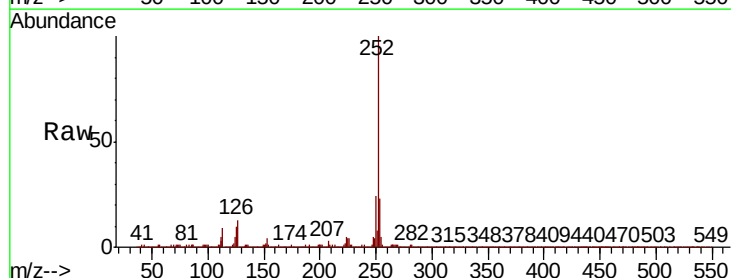
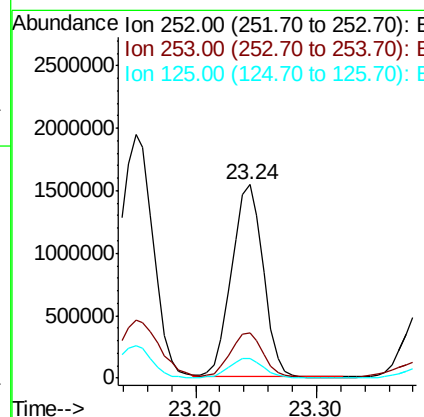
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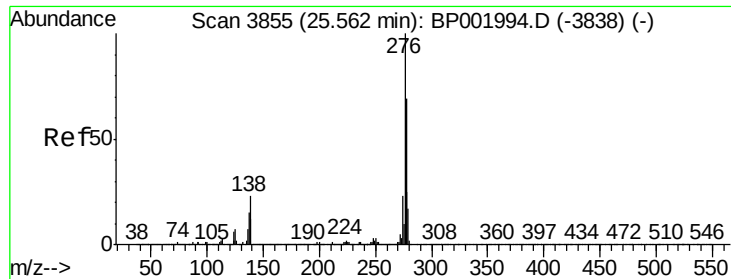
mohammad
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#91
Benzo(a)pyrene
Concen: 34.201 ng/ul
RT: 23.24 min Scan# 3461
Delta R.T. 0.01 min
Lab File: BP002005.D
Acq: 03 Mar 2020 00:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	10.0	8.2	12.2





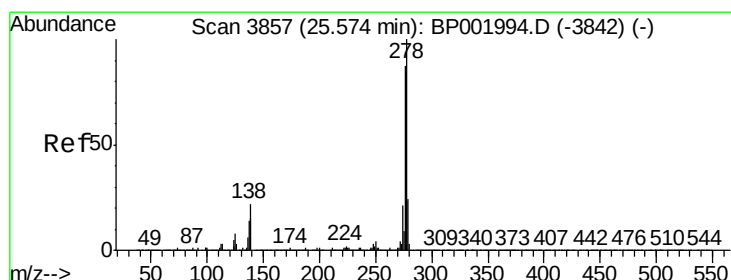
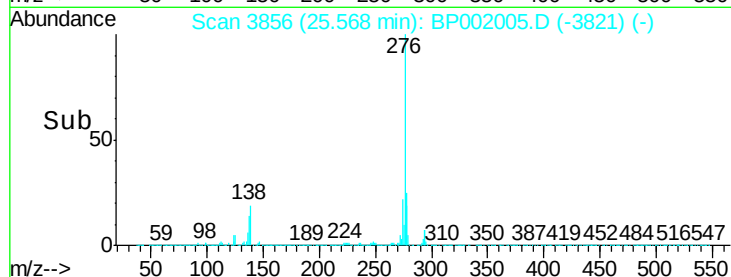
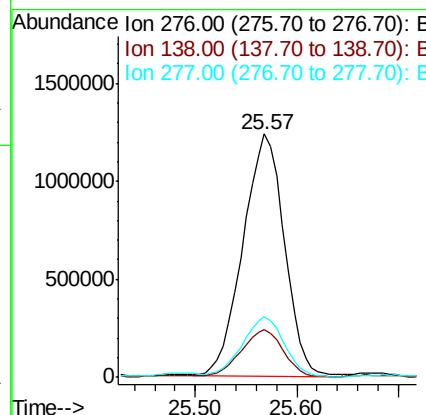
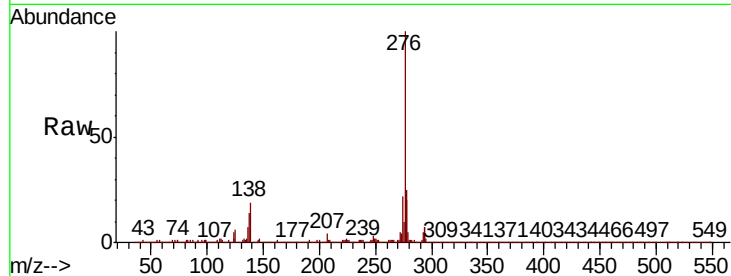
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 32.989 ng/ul
 RT: 25.57 min Scan# 3856
 Delta R.T. 0.01 min
 Lab File: BP002005.D
 Acq: 03 Mar 2020 00:22

Instrument :
 BNA_P
 ClientSampleId :
 DBDQ8

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	18.6	28.0
277	25.0	20.4	30.6

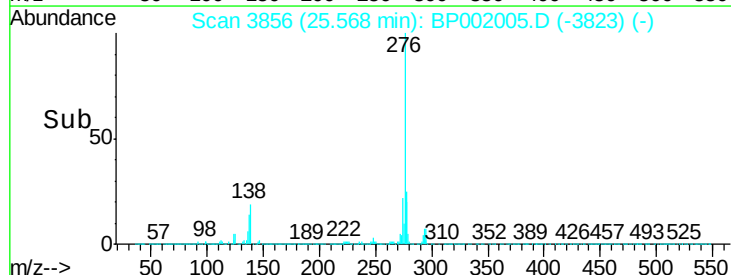
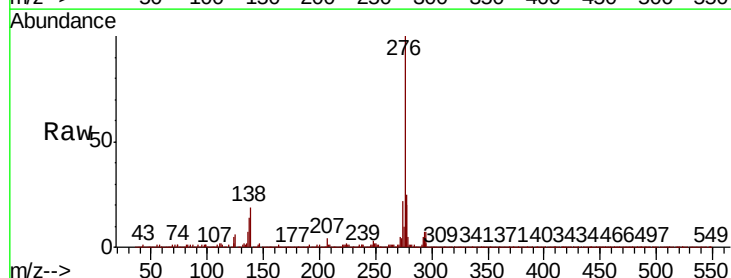
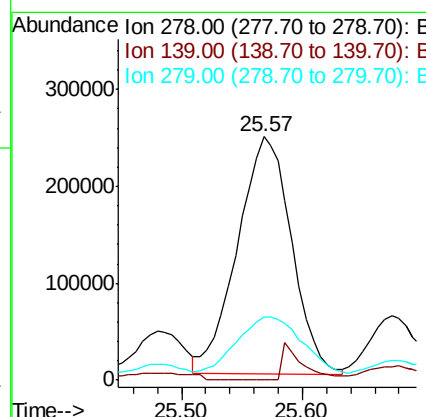
Manual Integrations
 APPROVED

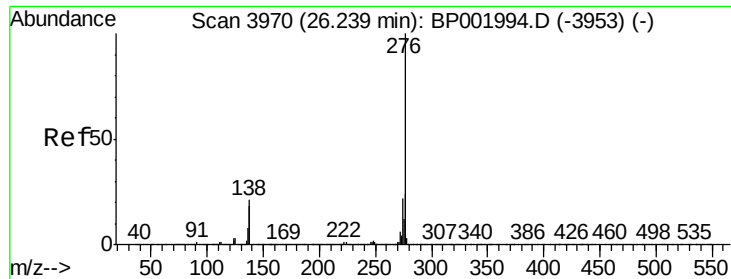
mohammad
 3/3/2020 3:03:44 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 8.680 ng/ul
 RT: 25.57 min Scan# 3856
 Delta R.T. -0.01 min
 Lab File: BP002005.D
 Acq: 03 Mar 2020 00:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.1	18.1#
279	26.2	19.1	28.7





#94

Benzo(a,h,i)perylene

Concen: 26.963 ng/ul

RT: 26.25 min Scan# 3972

Delta R.T. 0.01 min

Lab File: BP002005.D

Acq: 03 Mar 2020 00:22

Instrument :

BNA_P

ClientSampleId :

DBDQ8

Tot Ion: 276 Resp: 2424159

Ion Ratio Lower Upper

276 100

138 19.6 16.2 24.2

277 23.8 18.1 27.1

Manual Integrations
APPROVED

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