

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
 Data File : BP001815.D
 Acq On : 20 Feb 2020 22:22
 Operator : CG/JU
 Sample : L1418-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C5AT7

Manual Integrations
 APPROVED

mohammad
 2/21/2020 2:18:17 PM

Quant Time: Feb 21 08:27:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 21 07:12:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	378981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1384166	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.33	164	459269	20.00	ng/ul	0.04
62) Phenanthrene-d10	17.09	188	889408	20.00	ng/ul	0.05
78) Chrysene-d12	21.16	240	1013332m	20.00	ng/ul	0.02
86) Perylene-d12	23.39	264	1292303	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	21517	2.36	ng/uL	0.00
5) Phenol-d5	6.84	99	462050	16.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	314833	18.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	411549	17.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	342053	15.06	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	181256	19.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	191522	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	364148	18.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	93659	3.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	646084	20.05	ng/ul	0.02
47) Acenaphthylene-d8	14.00	160	774928	19.53	ng/ul	0.02
52) 4-Nitrophenol-d4	14.50	143	124680m	22.22	ng/ul	0.01
58) Fluorene-d10	15.32	176	528207	18.22	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	15.43	200	81137	23.14	ng/ul	0.03
71) Anthracene-d10	17.19	188	795713	20.31	ng/ul	0.04
79) Pyrene-d10	19.42	212	952367	18.31	ng/ul	0.04
90) Benzo(a)pyrene-d12	23.24	264	1419379	22.74	ng/ul	0.03

Target Compounds

					Ovalue	
54) Dibenzofuran	14.72	168	140965	3.402	ng/ul#	15
56) 2,3,4,6-Tetrachlorophenol	14.95	232	519301	72.990	ng/ul#	61
69) Pentachlorophenol	16.77	266	10567051	1937.383	ng/ul	97
70) Phenanthrene	17.13	178	297322	6.062	ng/ul#	1
72) Anthracene	17.22	178	210839	4.352	ng/ul#	21
75) Carbazole	17.48	167	607245	15.029	ng/ul#	69
77) Fluoranthene	19.10	202	371655	7.076	ng/ul#	90
80) Pyrene	19.45	202	4914404	71.299	ng/ul#	90
83) Benzo(a)anthracene	21.15	228	164813m	2.470	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.09	149	65479m	1.847	ng/ul	
85) Chrysene	21.17	228	569643m	8.738	ng/ul	
88) Benzo(b)fluoranthene	22.72	252	321711m	4.231	ng/ul	
91) Benzo(a)pyrene	23.29	252	181763	2.551	ng/ul#	55
94) Benzo(g,h,i)perylene	26.31	276	78538	1.038	ng/ul#	72

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

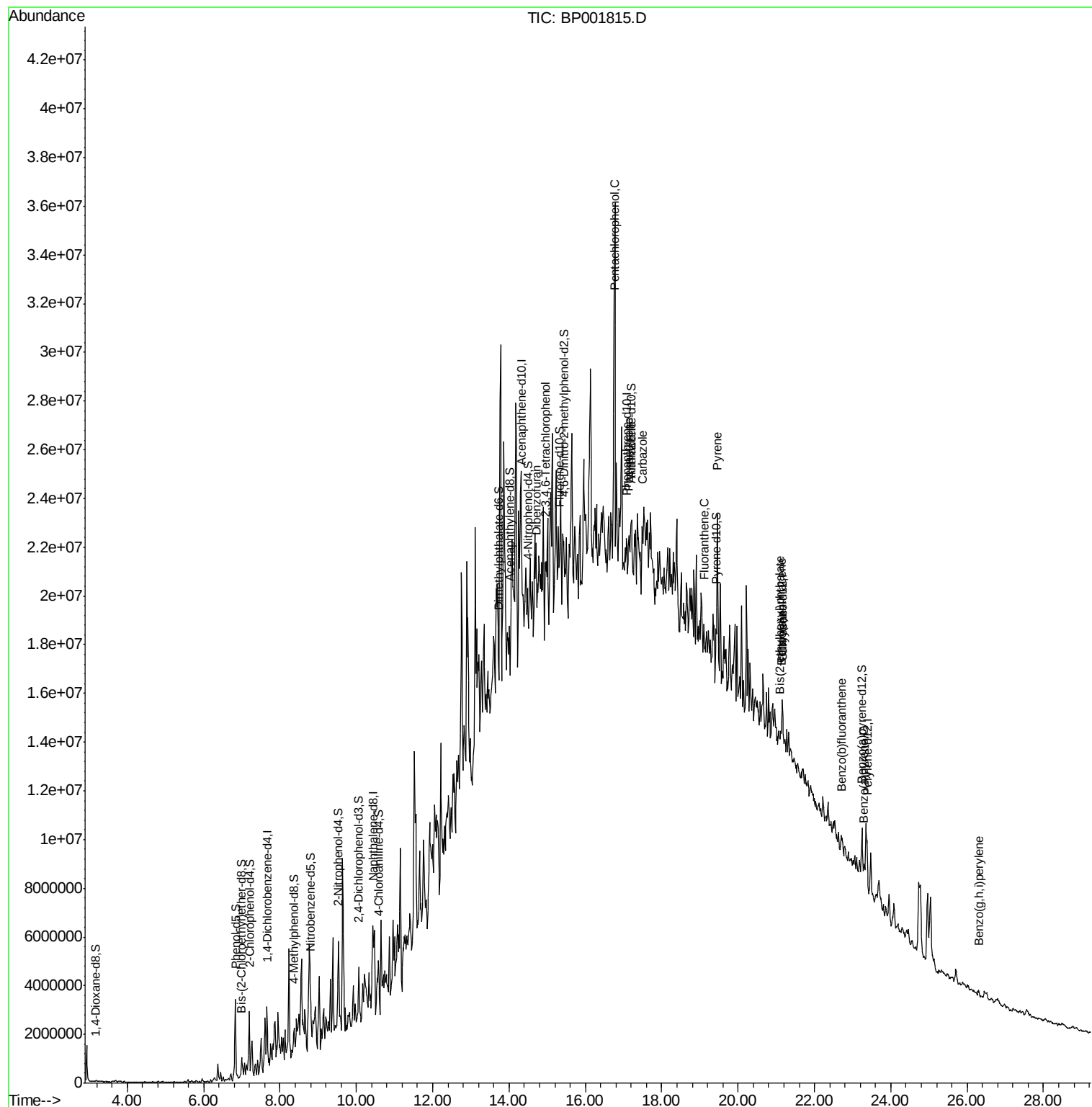
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001815.D
Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

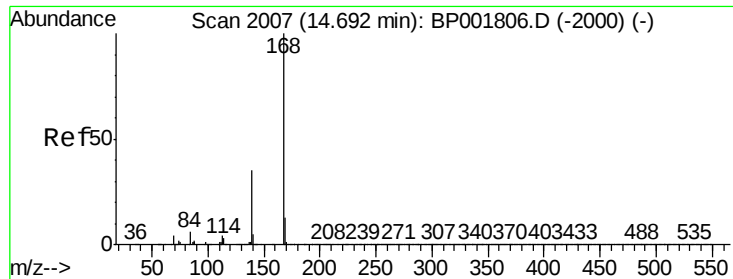
Instrument :
BNA_P
ClientSampleId :
C5AT7

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Quant Time: Feb 21 08:27:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 07:12:24 2020
Response via : Initial Calibration





#54

Dibenzofuran

Concen: 3.402 ng/ul

RT: 14.72 min Scan# 2012

Delta R.T. 0.03 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Instrument :

BNA_P

ClientSampled :

C5AT7

Tot Ion:168 Resp: 140965

Ion Ratio Lower Upper

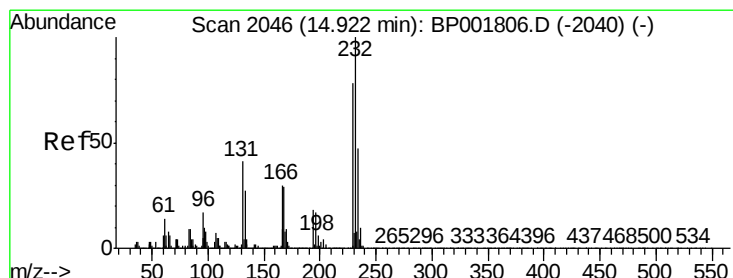
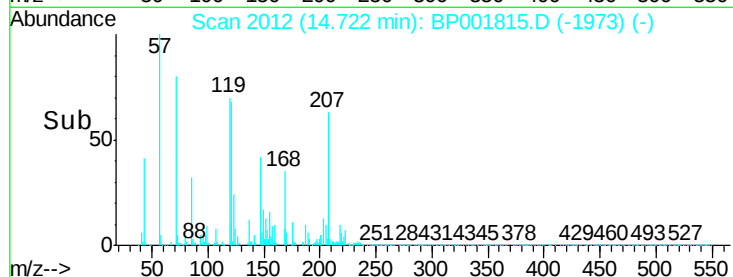
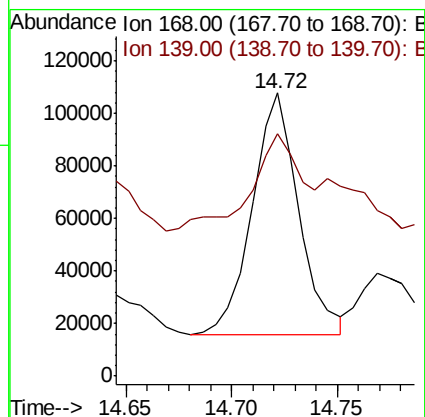
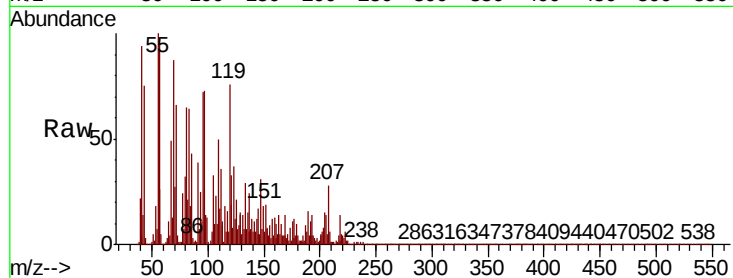
168 100

139 85.7 28.6 43.0#

Manual Integrations
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#56

2,3,4,6-Tetrachlorophenol

Concen: 72.990 ng/ul

RT: 14.95 min Scan# 2051

Delta R.T. 0.03 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Tgt Ion:232 Resp: 519301

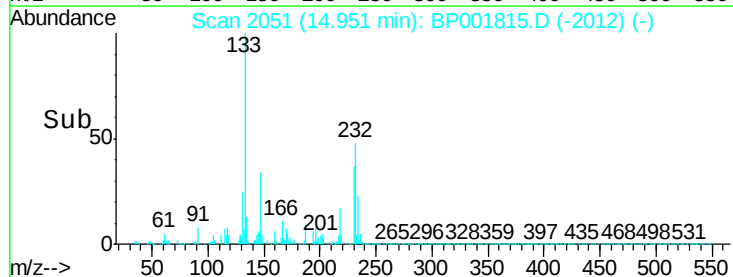
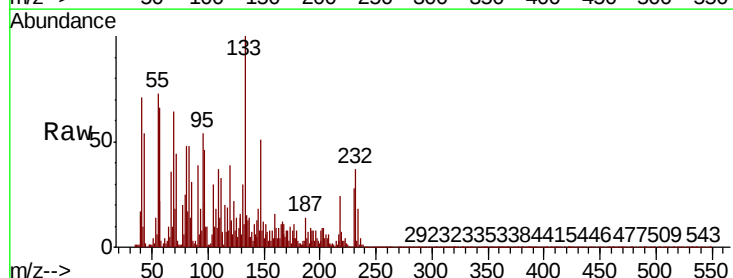
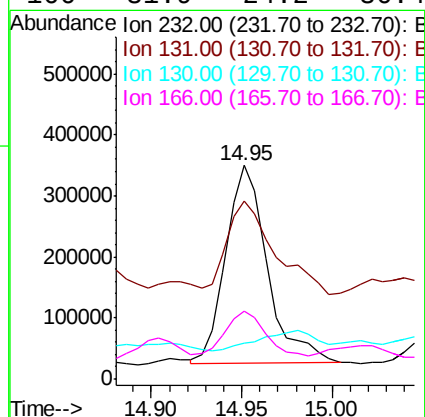
Ion Ratio Lower Upper

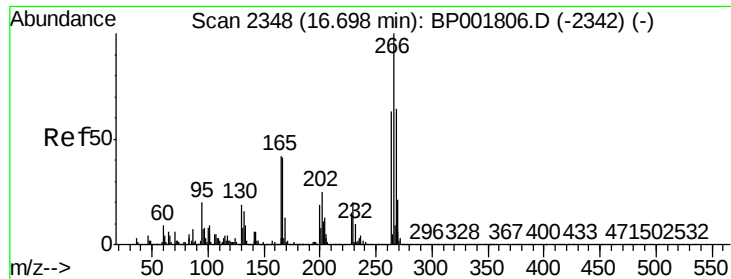
232 100

131 83.2 34.1 51.1#

130 16.7 1.8 2.6#

166 31.9 24.2 36.4





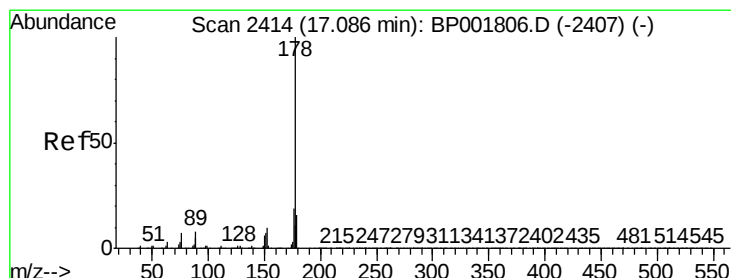
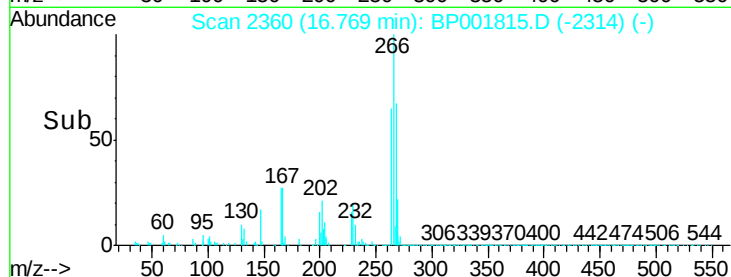
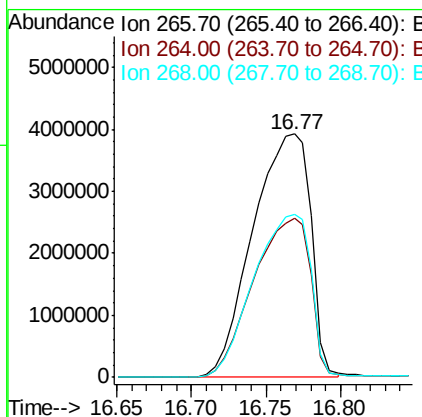
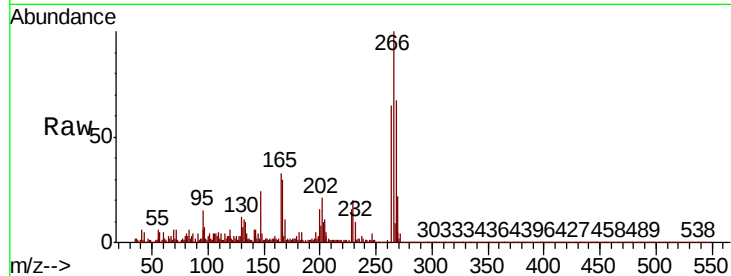
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Pentachlorophenol
Concen: 1937.383 ng/ul
RT: 16.77 min Scan# 2360
Delta R.T. 0.07 min
Lab File: BP001815.D
Acq: 20 Feb 2020 22:22

Instrument :
BNA_P
ClientSampleId :
C5AT7

Tot Ion:266 Resp:10567051
Ion Ratio Lower Upper
266 100
264 65.3 51.1 76.7
268 67.1 51.5 77.3

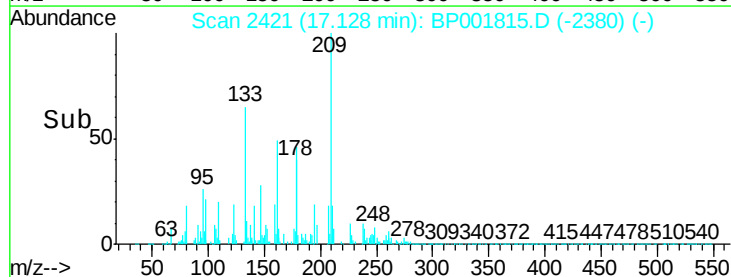
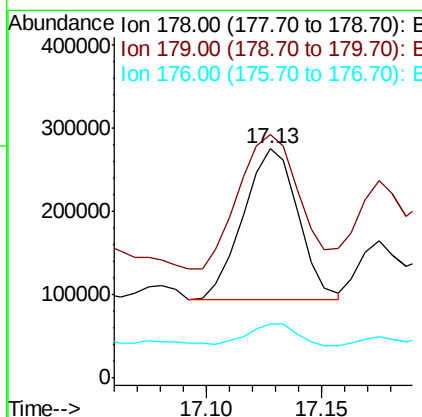
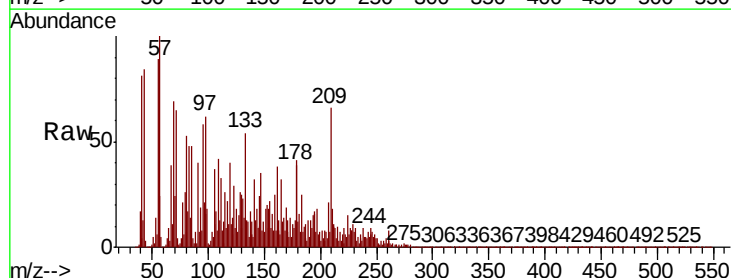
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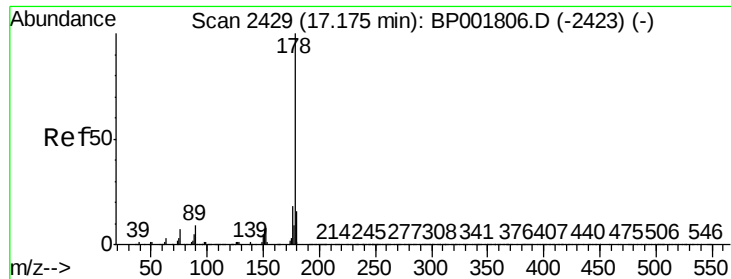
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#70
Phenanthrene
Concen: 6.062 ng/ul
RT: 17.13 min Scan# 2421
Delta R.T. 0.04 min
Lab File: BP001815.D
Acq: 20 Feb 2020 22:22

Tgt Ion:178 Resp: 297322
Ion Ratio Lower Upper
178 100
179 106.1 12.3 18.5#
176 23.6 15.3 22.9#





#72

Anthracene

Concen: 4.352 ng/ul

RT: 17.22 min Scan# 2437

Delta R.T. 0.05 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Instrument :

BNA_P

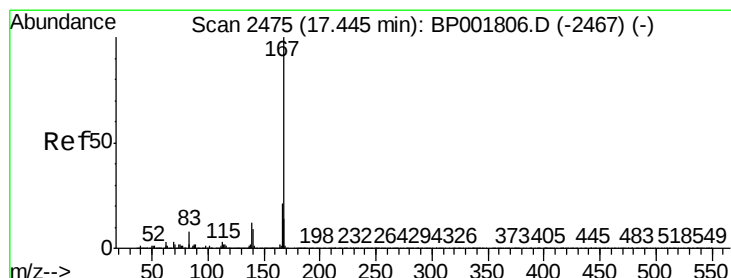
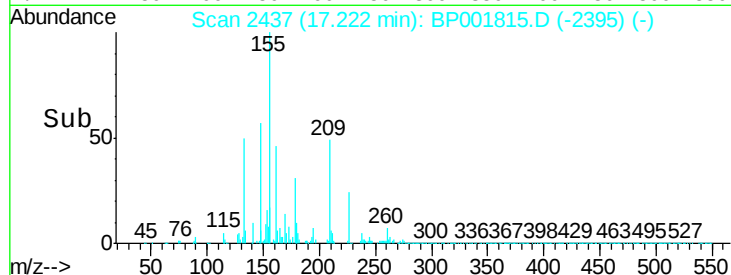
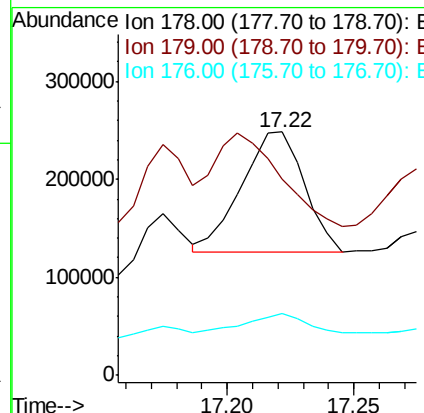
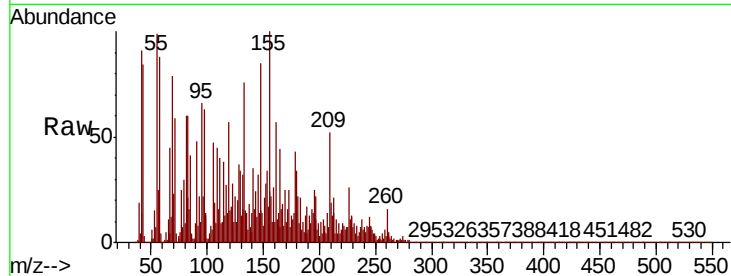
ClientSampled :

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Tot Ion:	178	Resp:	210839
Ion Ratio	Lower	Upper	
178	100		
179	80.5	12.4	18.6#
176	25.2	14.8	22.2#

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#75

Carbazole

Concen: 15.029 ng/ul

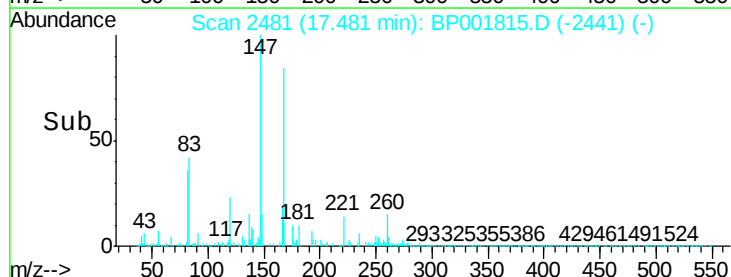
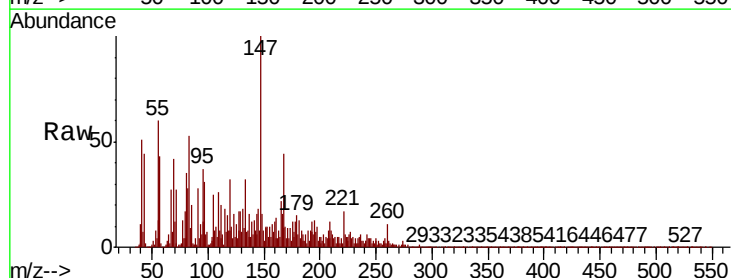
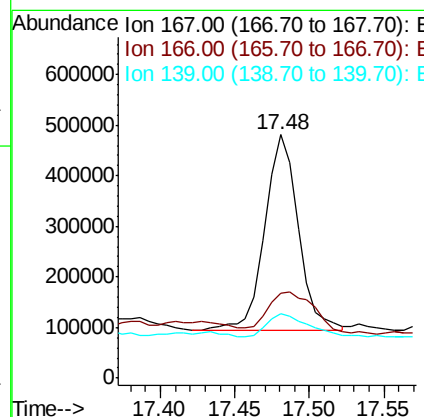
RT: 17.48 min Scan# 2481

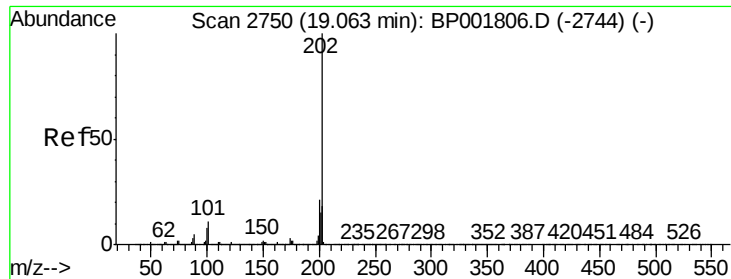
Delta R.T. 0.04 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Tgt Ion:	167	Resp:	607245
Ion Ratio	Lower	Upper	
167	100		
166	35.0	17.1	25.7#
139	26.4	10.2	15.2#





#77

Fluoranthene

Concen: 7.076 ng/ul

RT: 19.10 min Scan# 2756

Delta R.T. 0.04 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Instrument :

BNA_P

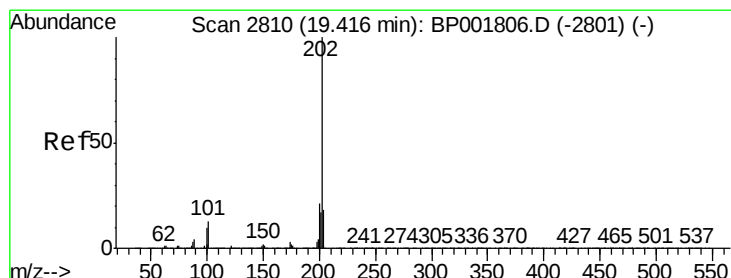
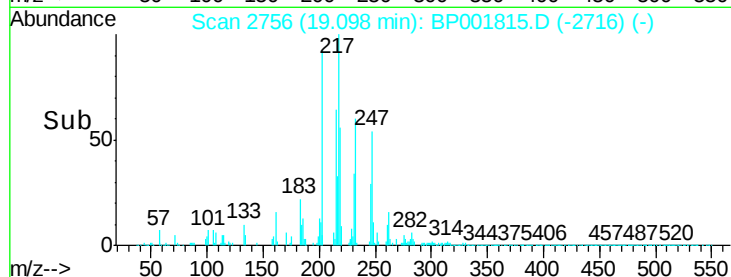
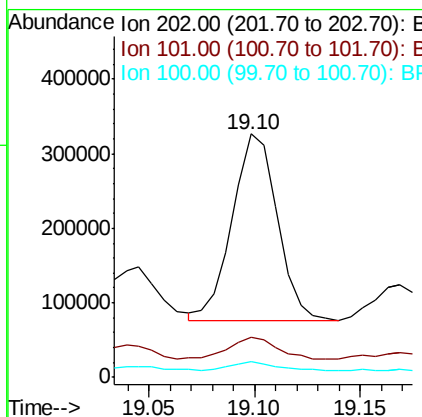
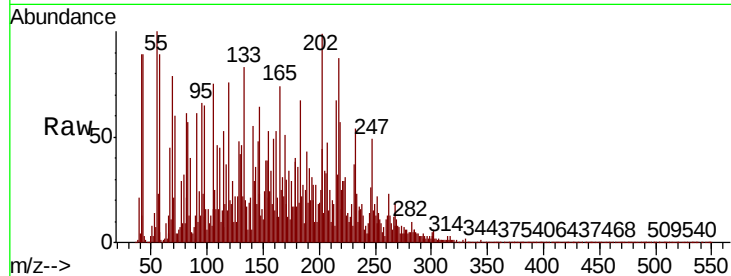
ClientSampled :

C5AT7

Tot Ion:	202	Resp:	371655
Ion Ratio	Lower	Upper	
202	100		
101	16.4	9.1	13.7#
100	6.5	6.6	9.8#

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#80

Pyrene

Concen: 71.299 ng/ul

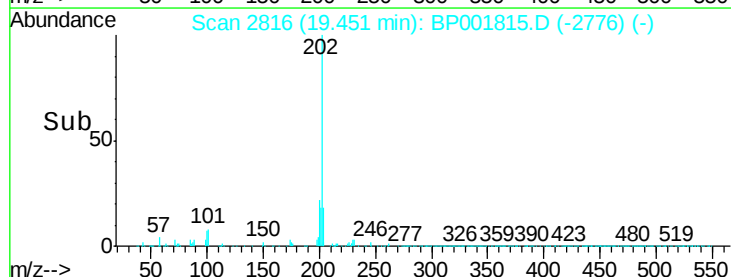
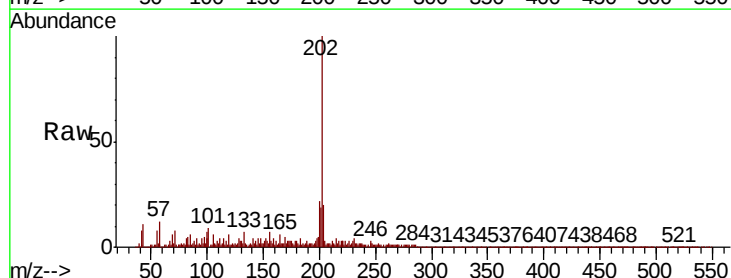
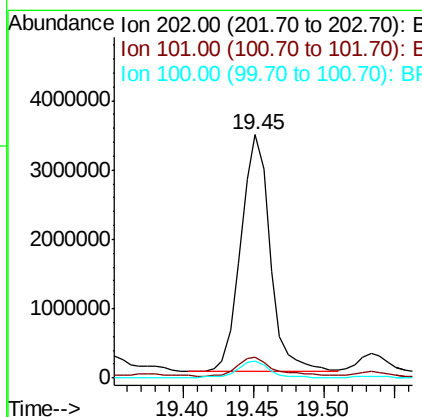
RT: 19.45 min Scan# 2816

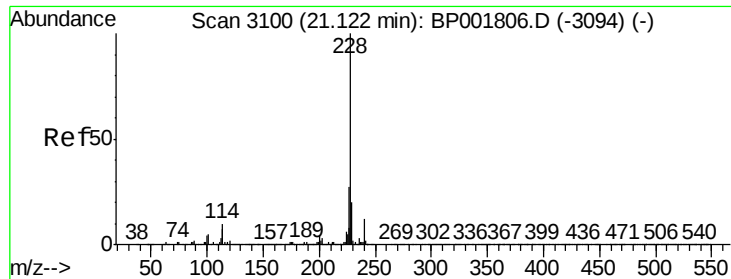
Delta R.T. 0.04 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Tgt Ion:	202	Resp:	4914404
Ion Ratio	Lower	Upper	
202	100		
101	8.6	10.2	15.2#
100	6.8	8.2	12.2#





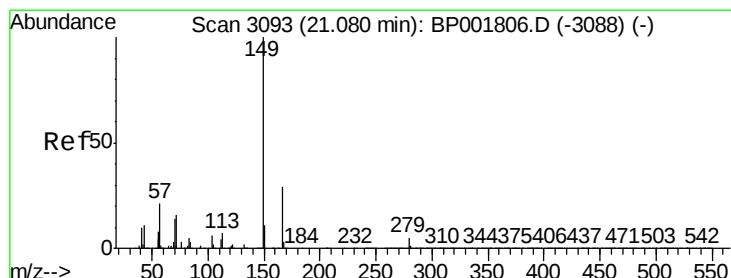
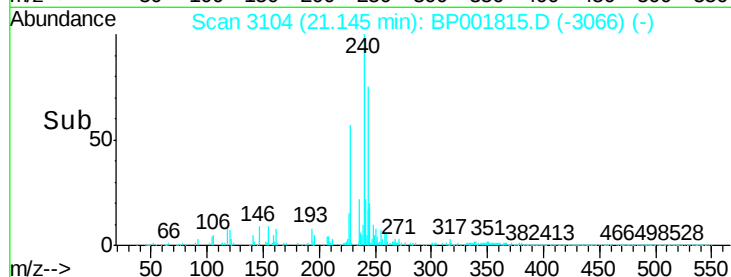
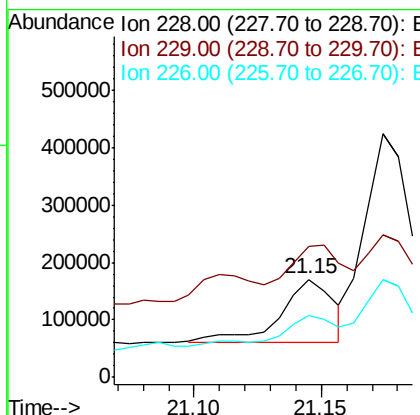
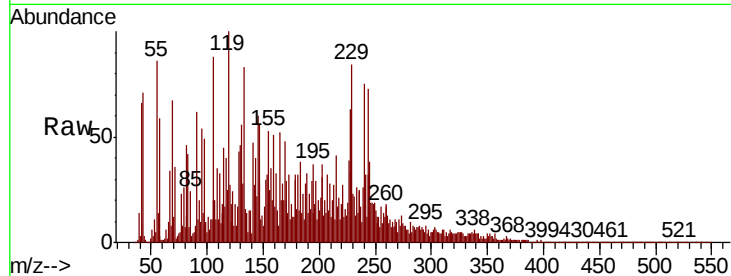
#83
Benzo(a)anthracene
Concen: 2.470 ng/ul m
RT: 21.15 min Scan# 3104
Delta R.T. 0.02 min
Lab File: BP001815.D
Acq: 20 Feb 2020 22:22

Instrument :
BNA_P
ClientSampled :
C5AT7

Tot Ion	Ratio	Lower	Upper
228	100		
229	134.7	16.2	24.4#
226	62.9	22.0	33.0#

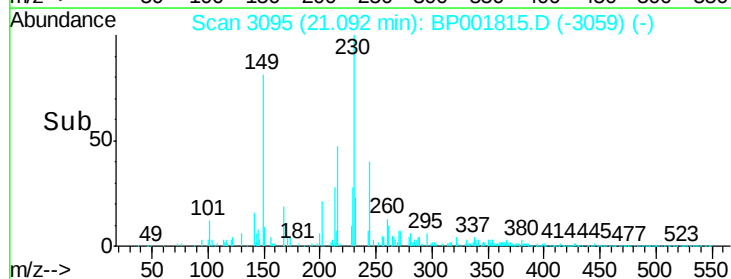
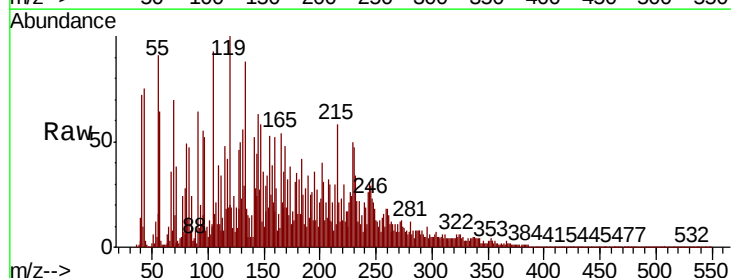
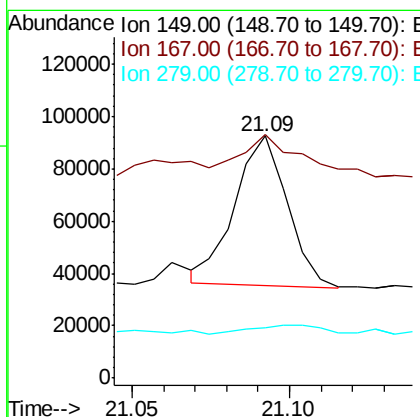
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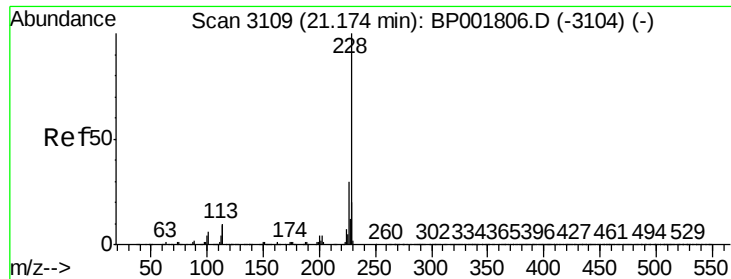
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.847 ng/ul m
RT: 21.09 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BP001815.D
Acq: 20 Feb 2020 22:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	100.7	22.6	34.0#
279	20.8	3.6	5.4#





#85

Chrysene

Concen: 8.738 ng/ul m

RT: 21.17 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Instrument :

BNA_P

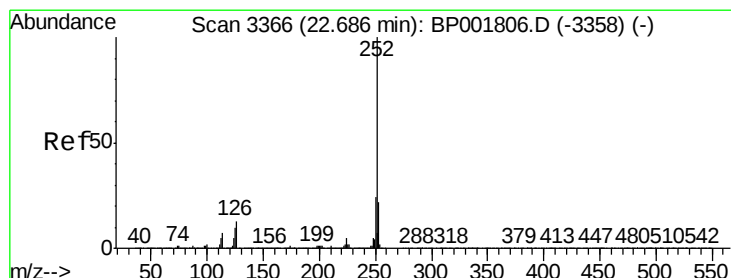
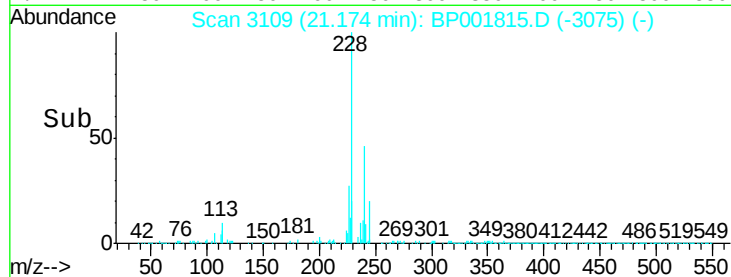
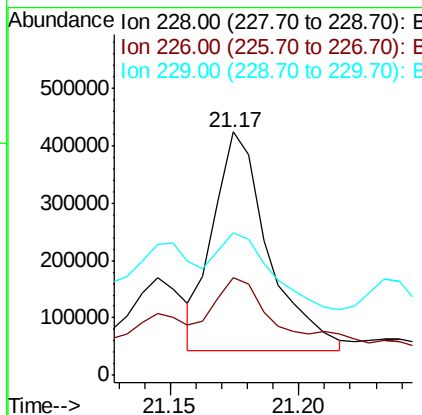
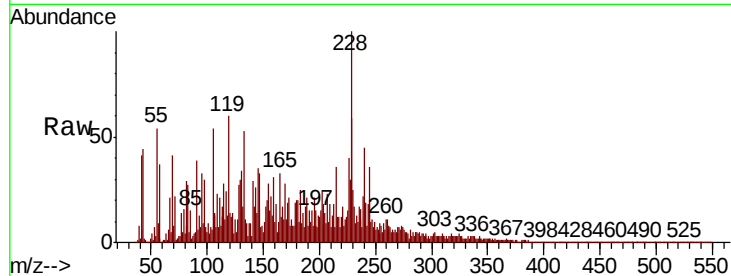
ClientSampleId :

C5AT7

Tot Ion:	228	Resp:	569643
Ion Ratio	Lower	Upper	
228	100		
226	40.3	24.2	36.2#
229	58.6	15.7	23.5#

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#88

Benzo(b)fluoranthene

Concen: 4.231 ng/ul m

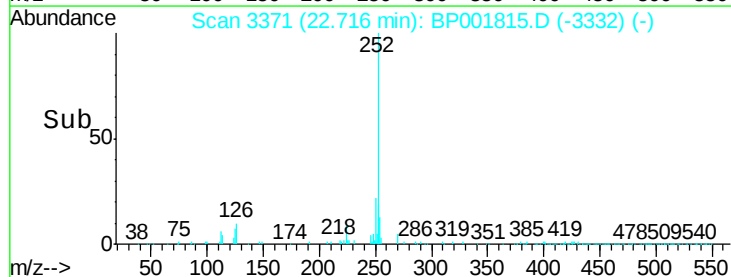
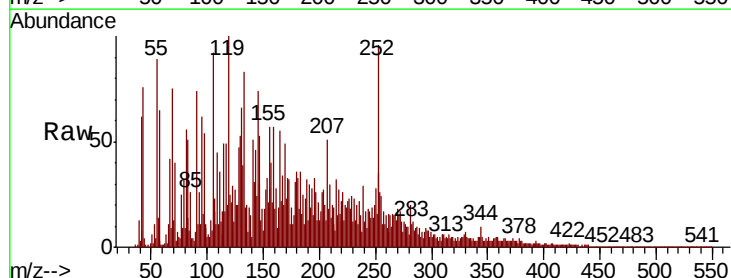
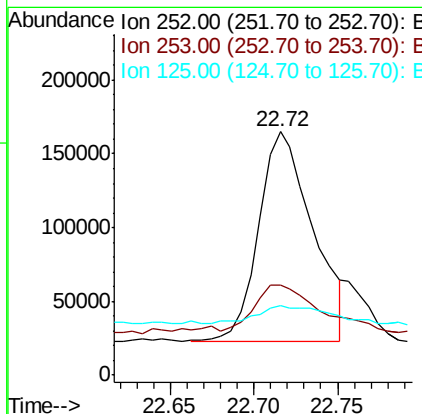
RT: 22.72 min Scan# 3371

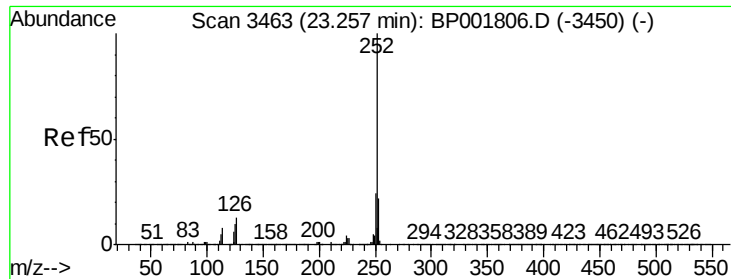
Delta R.T. 0.03 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Tgt Ion:	252	Resp:	321711
Ion Ratio	Lower	Upper	
252	100		
253	36.9	17.7	26.5#
125	28.4	7.8	11.6#





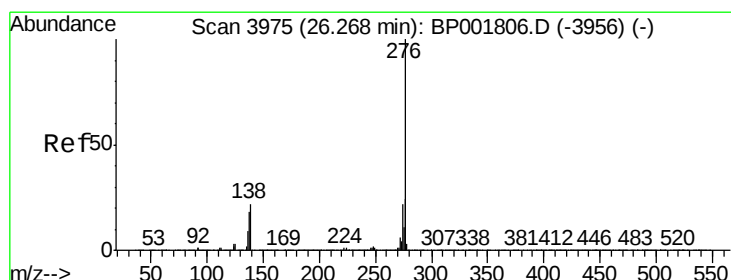
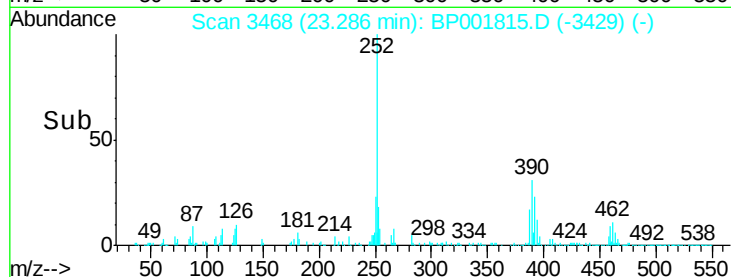
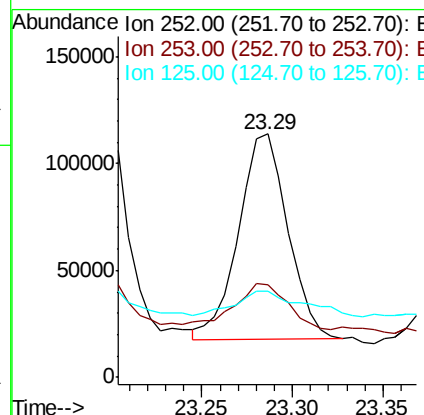
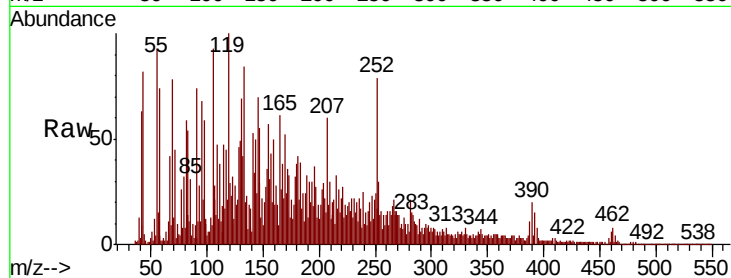
#91
Benzo(a)pyrene
Concen: 2.551 ng/ul
RT: 23.29 min Scan# 3468
Delta R.T. 0.03 min
Lab File: BP001815.D
Acq: 20 Feb 2020 22:22

Instrument :
BNA_P
ClientSampleId :
C5AT7

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.2	17.6	26.4#
125	35.5	8.3	12.5#

Manual Integrations
APPROVED

mohammad
2/21/2020 2:18:17 PM



#94
Benzo(g,h,i)perylene
Concen: 1.038 ng/ul
RT: 26.31 min Scan# 3982
Delta R.T. 0.04 min
Lab File: BP001815.D
Acq: 20 Feb 2020 22:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.5	17.7	26.5#
277	38.3	18.8	28.2#

