

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
 Data File : BP004436.D
 Acq On : 24 Dec 2020 17:10
 Operator : CG/JU
 Sample : L5132-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54T9

Manual Integrations
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Quant Time: Dec 24 17:42:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 16:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	212204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	785695	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	433776	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	856507	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	885509	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1005000	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	10839	2.12	ng/uL	0.00
5) Phenol-d5	6.99	99	196685	10.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	123258	11.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	170953	11.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	128242	8.74	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	82772	12.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	83100	11.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	153617	11.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	179291	11.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	464499	13.38	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	621673	14.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	34420	5.49	ng/ul	0.00
58) Fluorene-d10	15.47	176	410298	13.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	32140	5.82	ng/ul	0.00
71) Anthracene-d10	17.33	188	602270	14.23	ng/ul	0.00
79) Pyrene-d10	19.57	212	695121	14.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	856766	15.48	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.02	94	38873	2.097 ng/ul	98
45) Dimethylphthalate	13.92	163	71803	2.064 ng/ul	99
48) Acenaphthylene	14.19	152	105434	2.503 ng/ul	99
50) Acenaphthene	14.53	153	40479	1.372 ng/ul	96
59) Fluorene	15.52	166	55772	1.656 ng/ul#	98
70) Phenanthrene	17.27	178	868122	17.453 ng/ul	100
72) Anthracene	17.37	178	165811	3.329 ng/ul	100
77) Fluoranthene	19.25	202	950185	16.841 ng/ul	99
80) Pyrene	19.60	202	956968	15.870 ng/ul	97
83) Benzo(a)anthracene	21.31	228	434763	7.285 ng/ul	97
85) Chrysene	21.36	228	407170	7.066 ng/ul	99
88) Benzo(b)fluoranthene	22.97	252	462487	7.055 ng/ul	99
89) Benzo(k)fluoranthene	23.01	252	151478m	2.382 ng/ul	
91) Benzo(a)pyrene	23.58	252	345263	5.710 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.10	276	219477	2.873 ng/ul	98
94) Benzo(g,h,i)perylene	26.84	276	173105	2.701 ng/ul	98

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

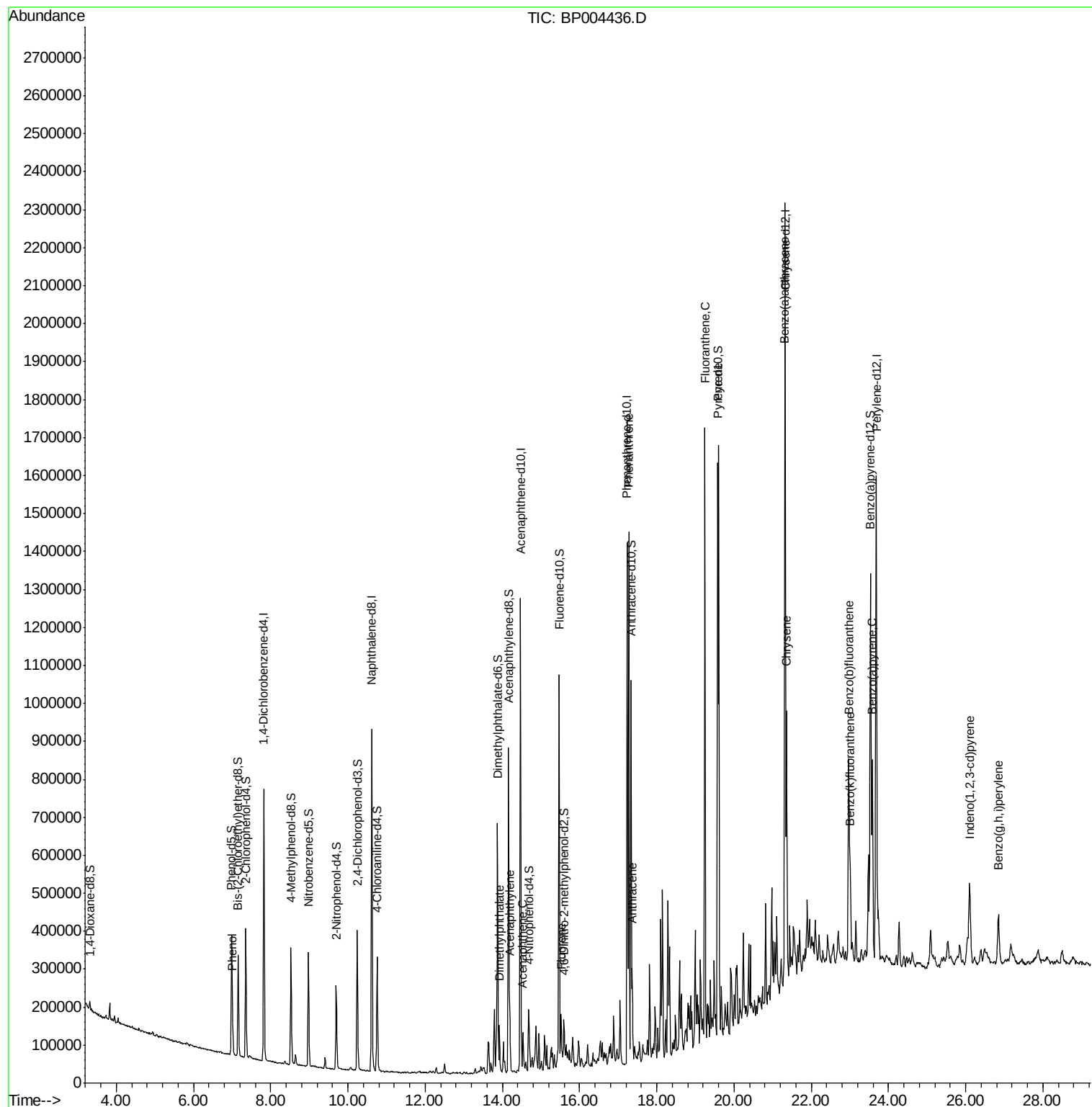
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004436.D
Acq On : 24 Dec 2020 17:10
Operator : CG/JU
Sample : L5132-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

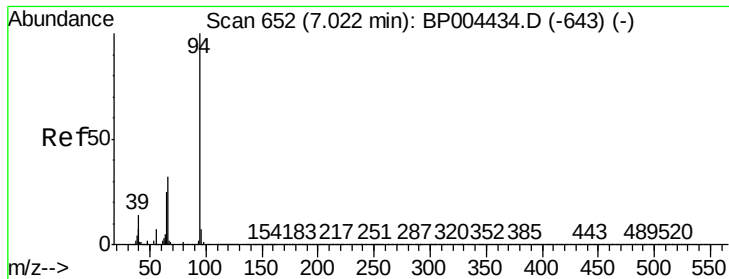
Instrument :
BNA_P
ClientSampleId :
A54T9

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Quant Time: Dec 24 17:42:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 16:46:25 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.097 ng/ul

RT: 7.02 min Scan# 651

Delta R.T. 0.00 min

Lab File: BP004436.D

Acq: 24 Dec 2020 17:10

Instrument :

BNA_P

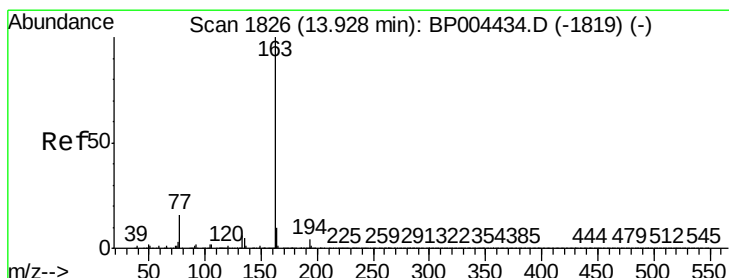
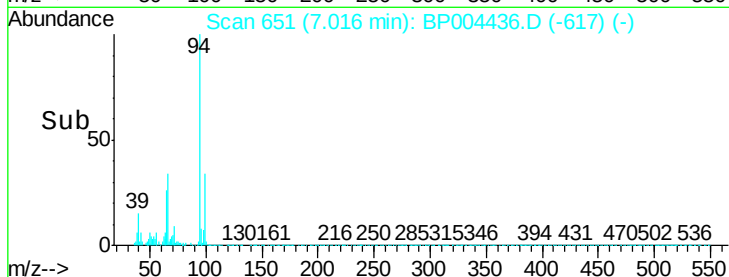
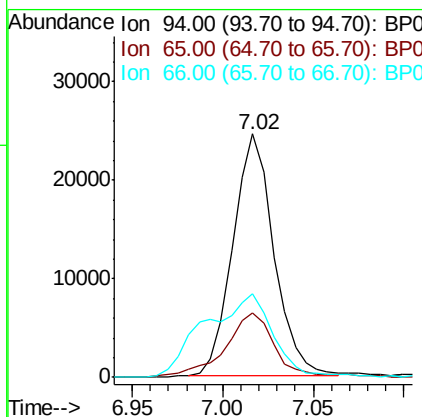
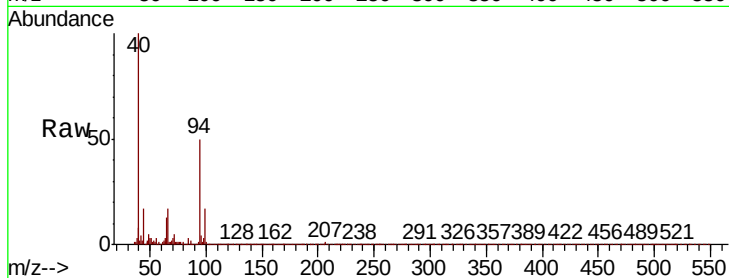
ClientSampleId :

A54T9

Tot Ion:	94	Resp:	38873
Ion Ratio	Lower	Upper	
94	100		
65	26.3	20.3	30.5
66	34.1	26.2	39.2

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#45

Dimethylphthalate

Concen: 2.064 ng/ul

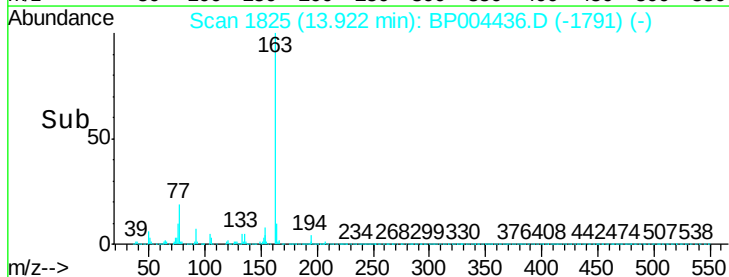
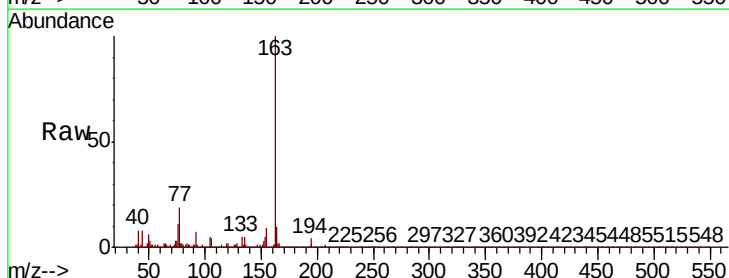
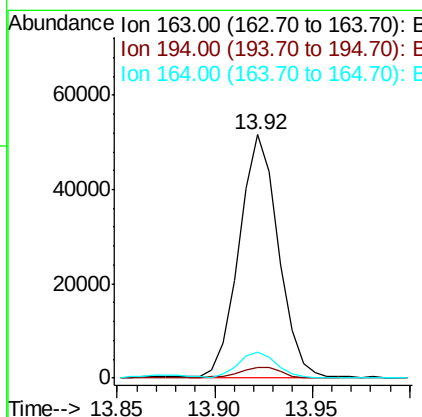
RT: 13.92 min Scan# 1825

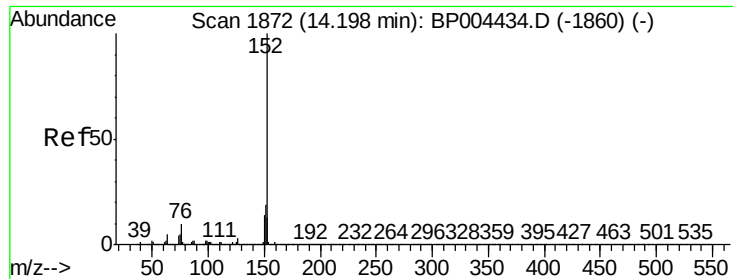
Delta R.T. 0.00 min

Lab File: BP004436.D

Acq: 24 Dec 2020 17:10

Tgt Ion:	163	Resp:	71803
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.5	7.8	11.8





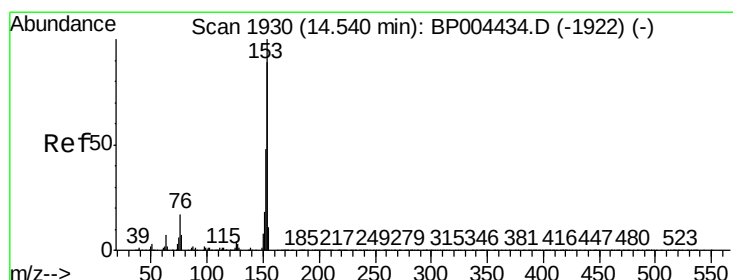
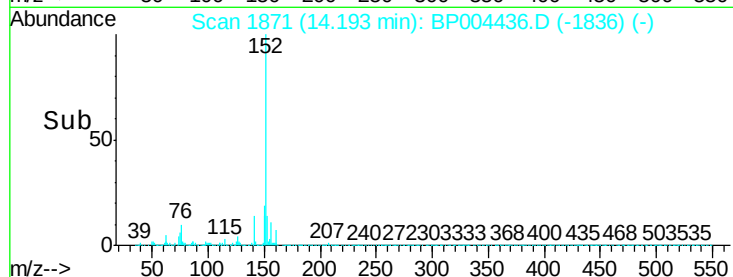
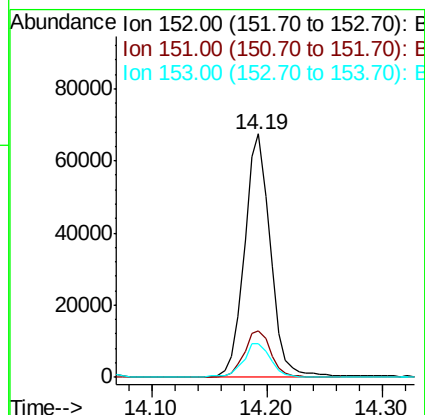
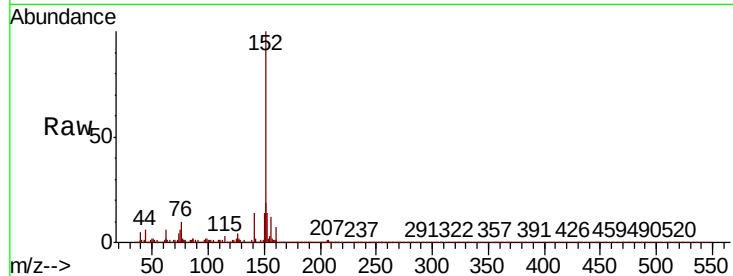
#48
Acenaphthylene
Concen: 2.503 ng/ul
RT: 14.19 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BP004436.D
Acq: 24 Dec 2020 17:10

Instrument :
BNA_P
ClientSampled :
A54T9

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	19.2	15.8	23.6
153	13.8	10.6	15.8

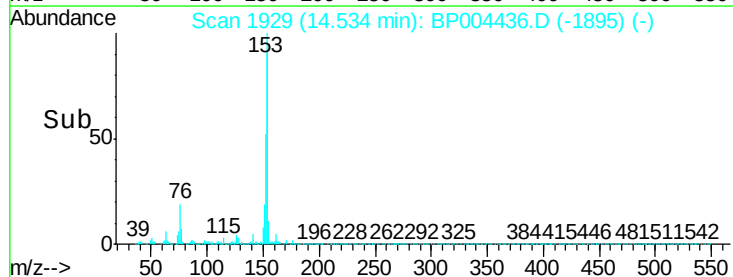
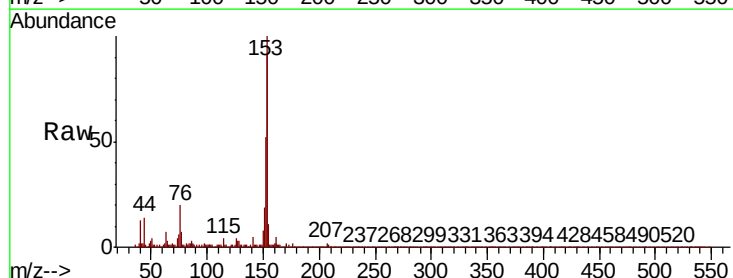
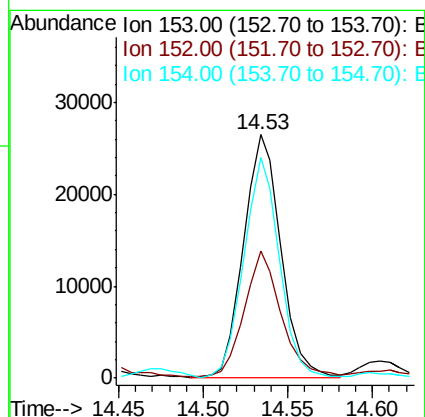
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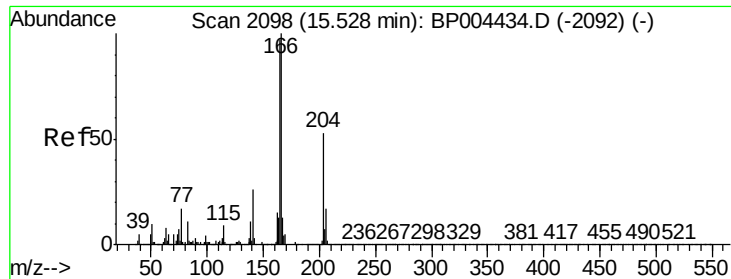
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#50
Acenaphthene
Concen: 1.372 ng/ul
RT: 14.53 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BP004436.D
Acq: 24 Dec 2020 17:10

Tgt Ion	Ratio	Resp Lower	Upper
153	100		
152	52.4	37.8	56.8
154	90.6	71.4	107.0





#59

Fluorene

Concen: 1.656 ng/ul

RT: 15.52 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BP004436.D

Acq: 24 Dec 2020 17:10

Instrument :

BNA_P

ClientSampleId :

A54T9

Tot Ion:166 Resp: 55772

Ion Ratio Lower Upper

166 100

165 98.5 79.2 118.8

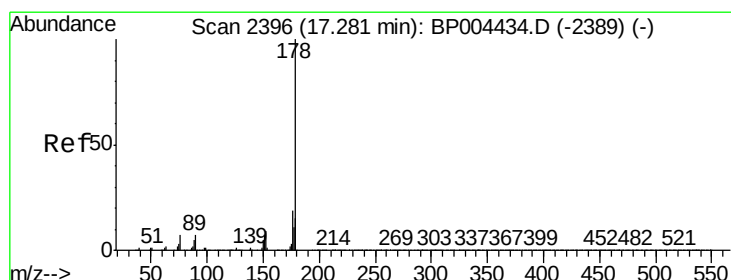
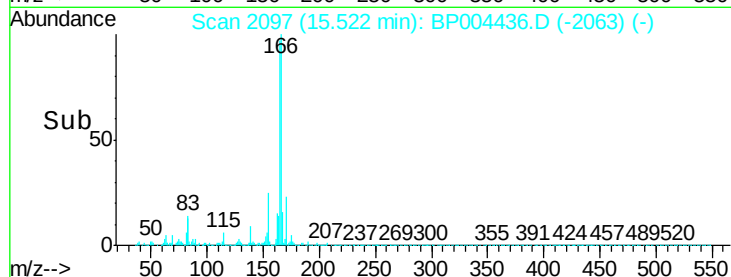
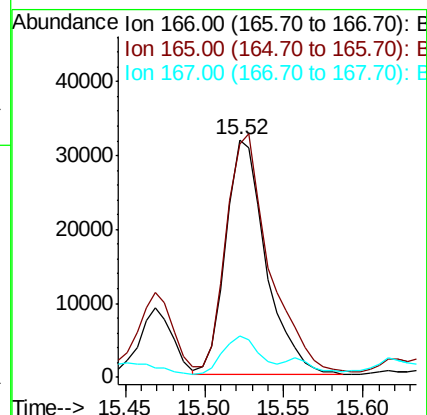
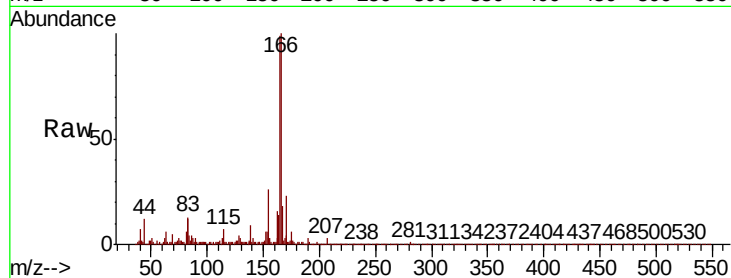
167 17.6 10.8 16.2#

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#70

Phenanthrene

Concen: 17.453 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BP004436.D

Acq: 24 Dec 2020 17:10

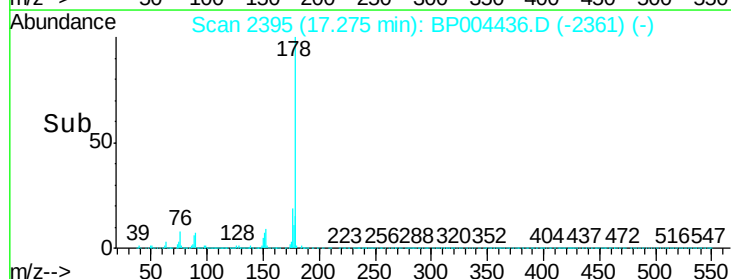
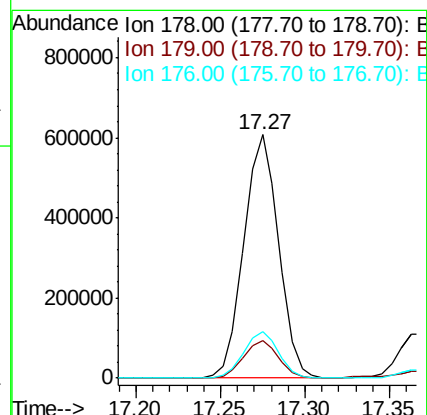
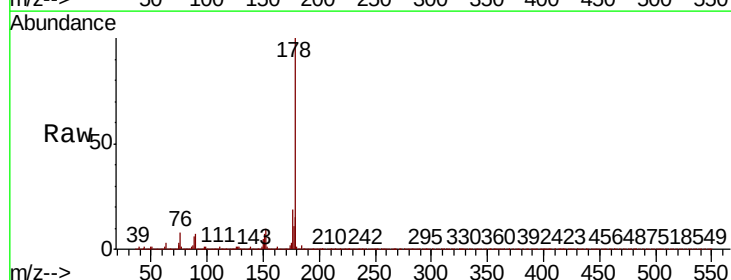
Tgt Ion:178 Resp: 868122

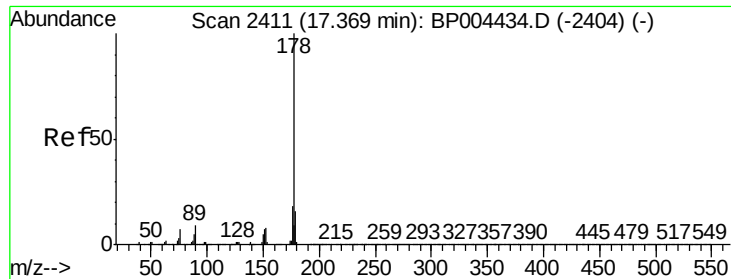
Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.0 15.3 22.9





#72

Anthracene

Concen: 3.329 ng/ul

RT: 17.37 min Scan# 2411

Delta R.T. 0.01 min

Lab File: BP004436.D

Acq: 24 Dec 2020 17:10

Instrument :

BNA_P

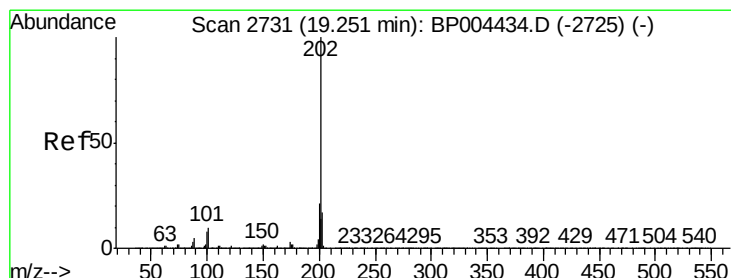
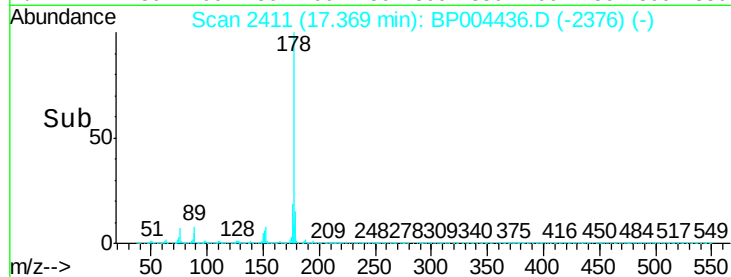
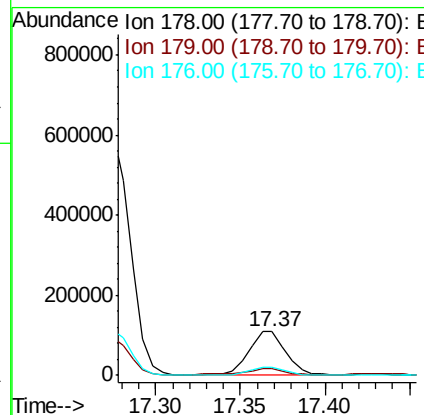
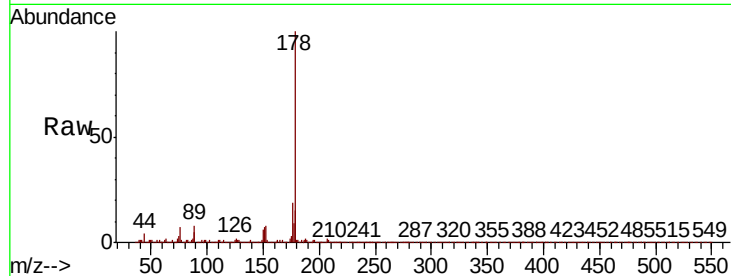
ClientSampleId :

A54T9

Tot Ion:	178	Resp:	165811
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.4	18.6
176	18.6	15.0	22.4

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#77

Fluoranthene

Concen: 16.841 ng/ul

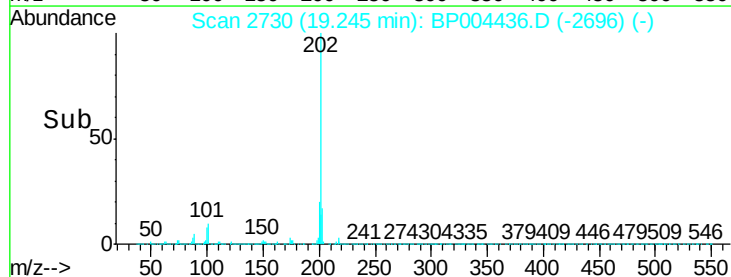
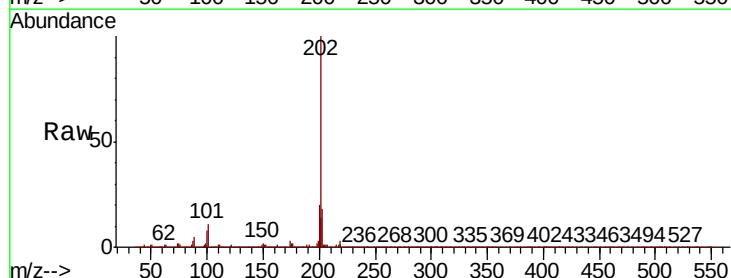
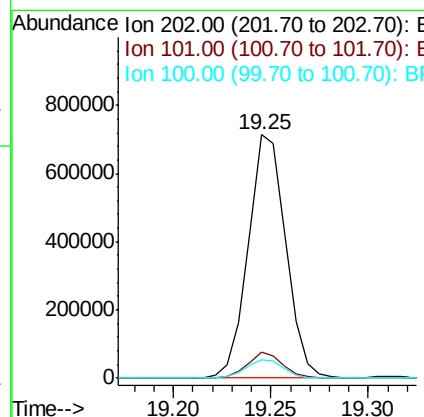
RT: 19.25 min Scan# 2730

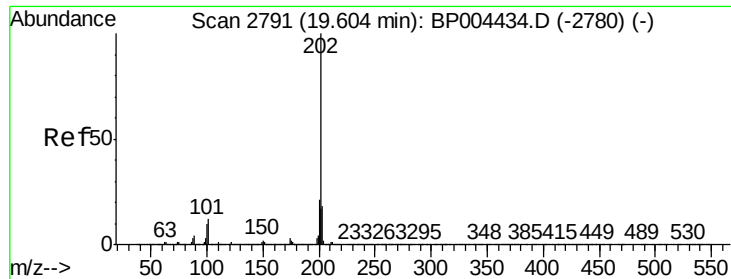
Delta R.T. 0.00 min

Lab File: BP004436.D

Acq: 24 Dec 2020 17:10

Tgt Ion:	202	Resp:	950185
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.0	12.0
100	7.7	6.2	9.4





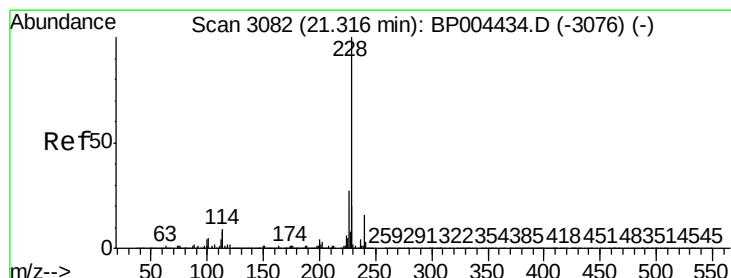
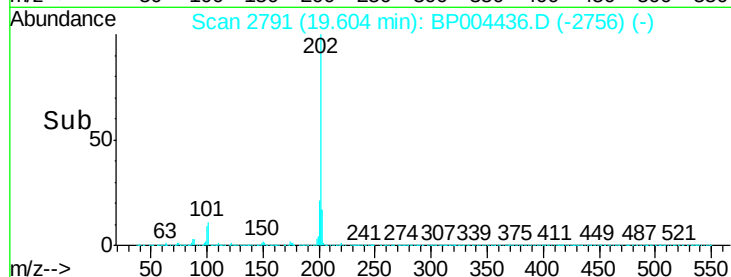
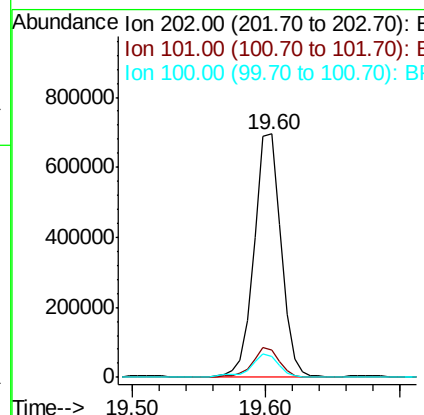
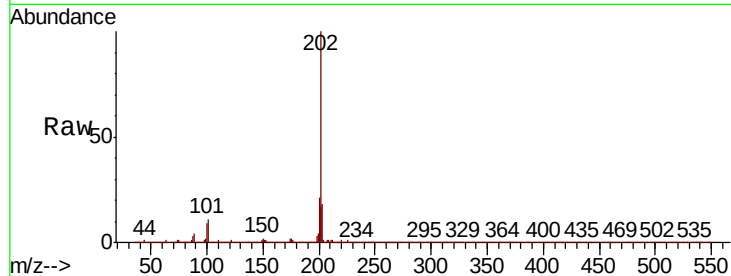
#80
Pvrene
Concen: 15.870 ng/ul
RT: 19.60 min Scan# 2791
Delta R.T. 0.01 min
Lab File: BP004436.D
Acq: 24 Dec 2020 17:10

Instrument :
BNA_P
ClientSampleId :
A54T9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	9.8	14.8
100	8.8	8.0	12.0

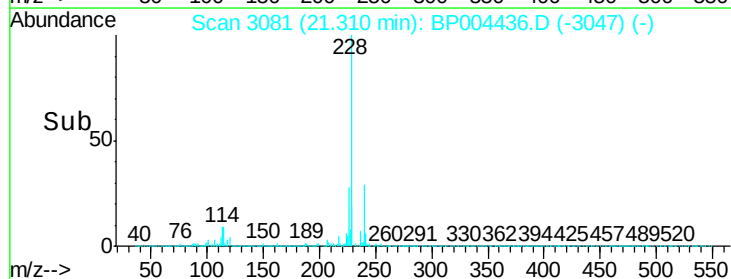
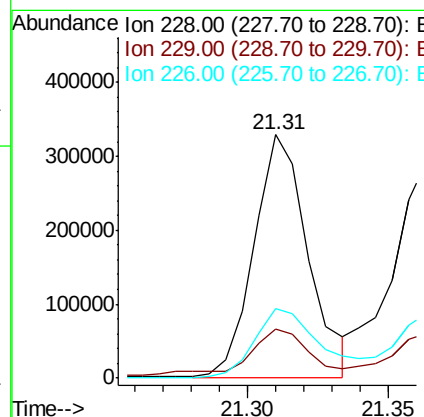
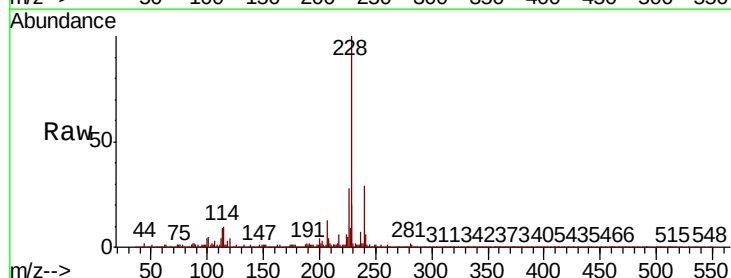
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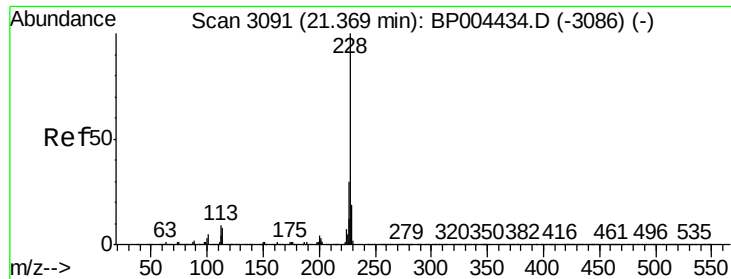
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#83
Benzo(a)anthracene
Concen: 7.285 ng/ul
RT: 21.31 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BP004436.D
Acq: 24 Dec 2020 17:10

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.3	15.4	23.2
226	28.5	21.6	32.4





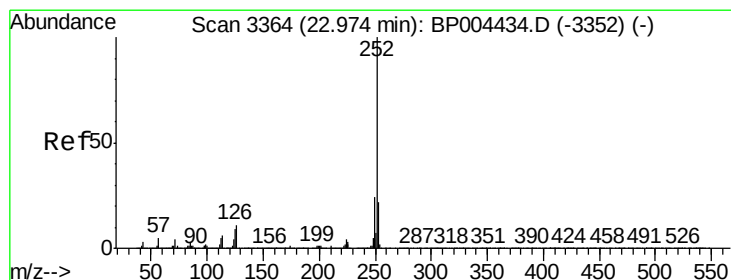
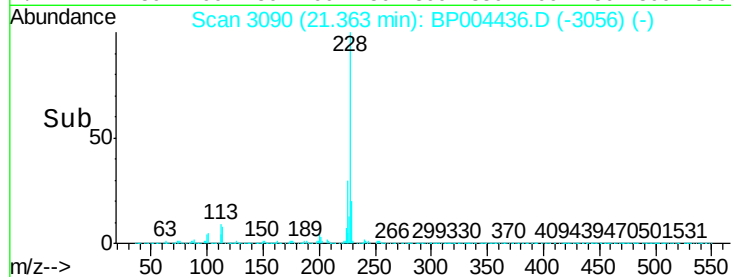
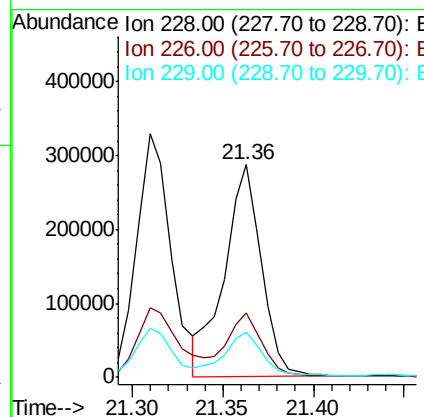
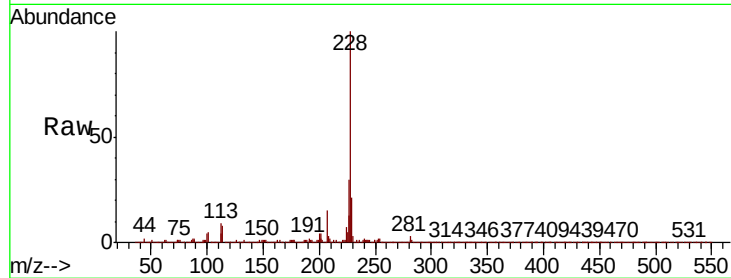
#85
Chrysene
Concen: 7.066 ng/ul
RT: 21.36 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BP004436.D
Acq: 24 Dec 2020 17:10

Instrument :
BNA_P
ClientSampled :
A54T9

Tot Ion:	228	Resp:	407170
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.2	36.4
229	21.1	15.8	23.6

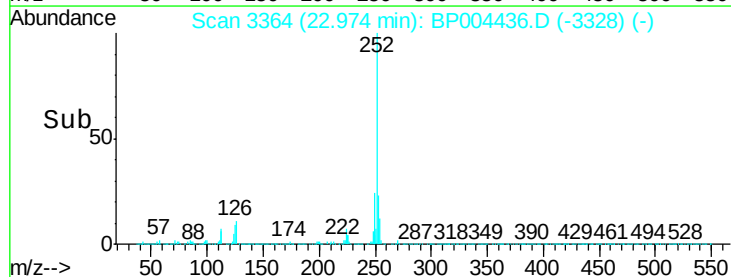
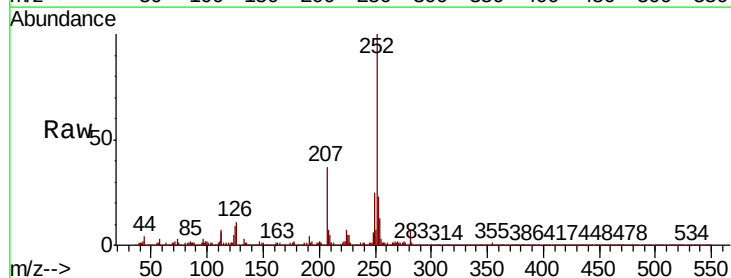
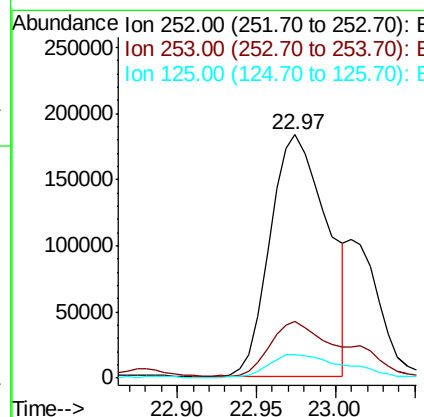
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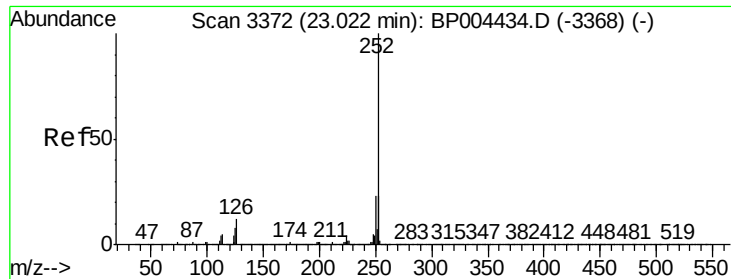
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#88
Benzo(b)fluoranthene
Concen: 7.055 ng/ul
RT: 22.97 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BP004436.D
Acq: 24 Dec 2020 17:10

Tgt Ion:	252	Resp:	462487
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	9.4	7.2	10.8





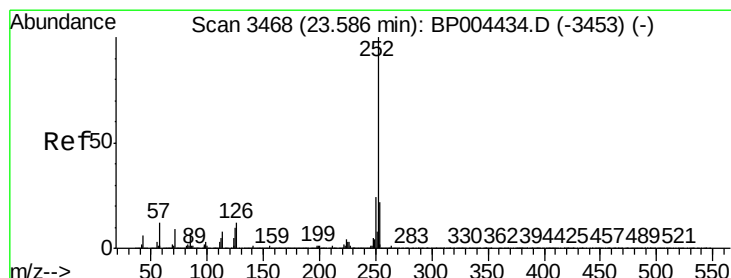
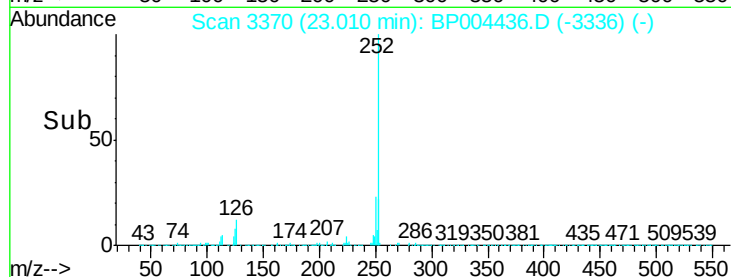
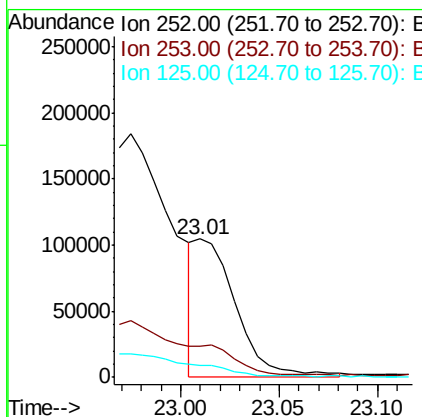
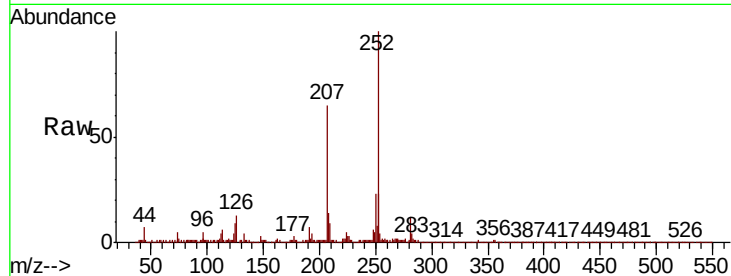
#89
Benzo(k)fluoranthene
Concen: 2.382 ng/ul m
RT: 23.01 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BP004436.D
Acq: 24 Dec 2020 17:10

Instrument :
BNA_P
ClientSampled :
A54T9

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	8.9	7.2	10.8

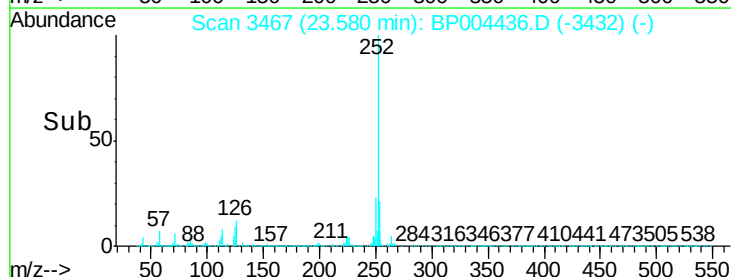
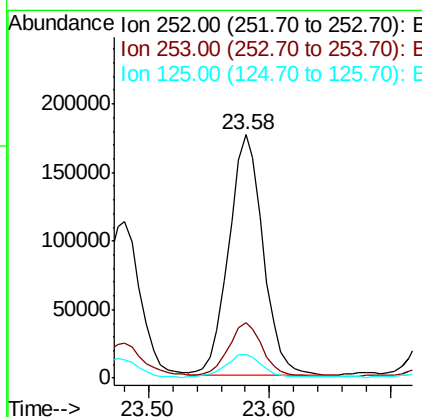
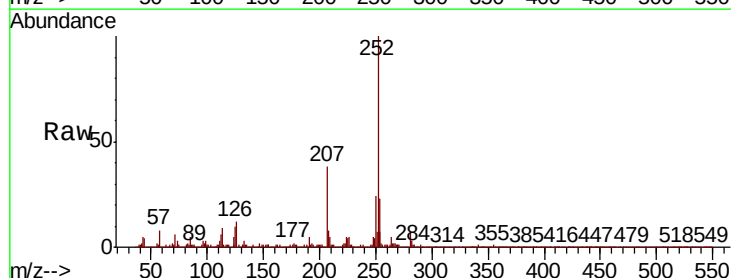
Manual Integrations
APPROVED

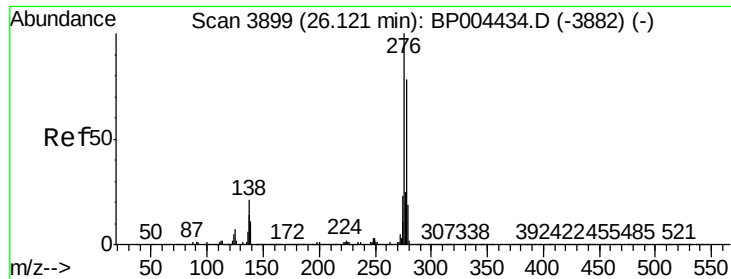
mohammad
12/28/2020 11:08:25 PM



#91
Benzo(a)pyrene
Concen: 5.710 ng/ul
RT: 23.58 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BP004436.D
Acq: 24 Dec 2020 17:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.7	8.1	12.1





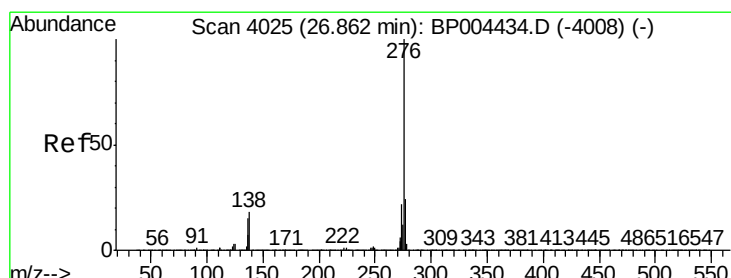
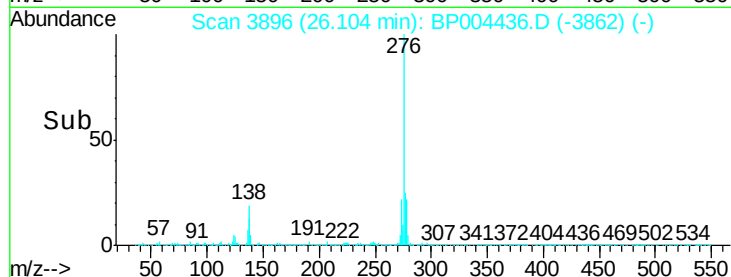
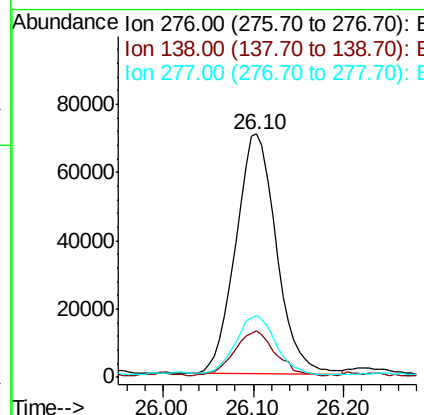
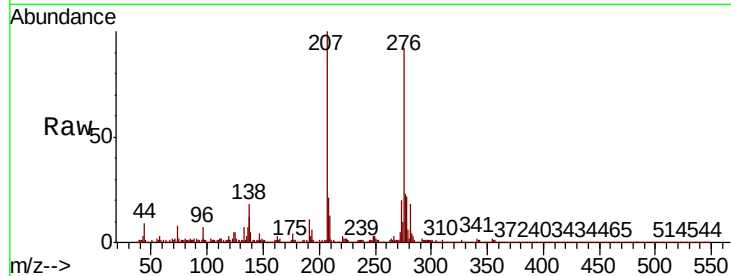
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.873 ng/ul
RT: 26.10 min Scan# 3896
Delta R.T. 0.00 min
Lab File: BP004436.D
Acq: 24 Dec 2020 17:10

Instrument :
BNA_P
ClientSampled :
A54T9

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	17.9	26.9
277	25.4	20.3	30.5

Manual Integrations
APPROVED

mohammad
12/28/2020 11:08:25 PM



#94
Benzo(g,h,i)perylene
Concen: 2.701 ng/ul
RT: 26.84 min Scan# 4022
Delta R.T. 0.00 min
Lab File: BP004436.D
Acq: 24 Dec 2020 17:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.8	23.6
277	23.6	18.7	28.1

