

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
 Data File : BP004394.D
 Acq On : 19 Dec 2020 15:04
 Operator : CG/JU
 Sample : L5134-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFN58

Manual Integrations
 APPROVED

mohammad
 12/21/2020 10:43:23 AM

Quant Time: Dec 21 04:52:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 02:36:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	248630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1023868	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	625501	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1322393	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1215309	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1393408	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	17295	2.89	ng/uL	0.00
5) Phenol-d5	6.99	99	331067	15.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	204277	16.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	281258	15.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	230185	13.39	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	145139	16.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	153788	15.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	286258	15.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	230293	11.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	853335	17.04	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1133863	18.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	78798	8.71	ng/ul	0.00
58) Fluorene-d10	15.47	176	763860	17.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	59826	7.01	ng/ul	0.00
71) Anthracene-d10	17.33	188	1138312	17.42	ng/ul	0.00
79) Pyrene-d10	19.57	212	1278129	19.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	1381892	18.00	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.02	94	34722	1.599 ng/ul	96
28) Naphthalene	10.67	128	414267	7.202 ng/ul	100
34) 2-Methylnaphthalene	12.28	142	118066	2.976 ng/ul	98
41) 1,1'-Biphenyl	13.30	154	57794	1.131 ng/ul	97
45) Dimethylphthalate	13.92	163	80994	1.615 ng/ul	99
48) Acenaphthylene	14.19	152	709504	11.681 ng/ul	99
50) Acenaphthene	14.53	153	436073	10.247 ng/ul	98
54) Dibenzofuran	14.87	168	517373	8.634 ng/ul	99
59) Fluorene	15.52	166	474759	9.777 ng/ul	99
70) Phenanthrene	17.28	178	8922184	116.182 ng/ul	97
72) Anthracene	17.36	178	2156549	28.041 ng/ul	100
75) Carbazole	17.63	167	914801	14.387 ng/ul	99
77) Fluoranthene	19.26	202	12730326	146.139 ng/ul	100
80) Pyrene	19.61	202	11629757	140.523 ng/ul	99
83) Benzo(a)anthracene	21.32	228	6479835m	79.109 ng/ul	
85) Chrysene	21.37	228	6024041	76.173 ng/ul	95
88) Benzo(b)fluoranthene	22.98	252	8516312	93.705 ng/ul	98
89) Benzo(k)fluoranthene	23.02	252	2651470m	30.069 ng/ul	
91) Benzo(a)pyrene	23.59	252	6281166	74.927 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.12	276	4607707	43.501 ng/ul	95
93) Dibenzo(a,h)anthracene	26.12	278	1051856	11.924 ng/ul#	82
94) Benzo(a,h,i)perylene	26.86	276	3793131	42.686 ng/ul	98

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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFN58

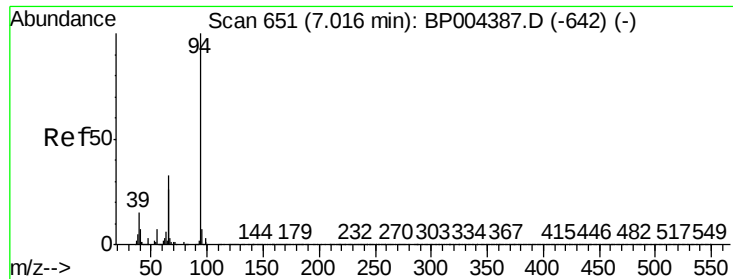
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6

Phenol

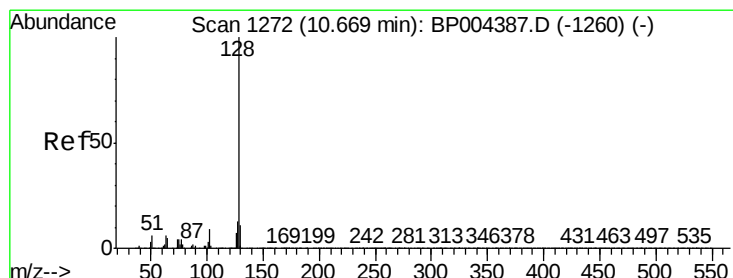
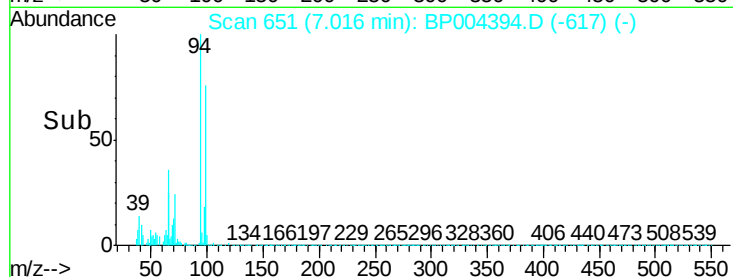
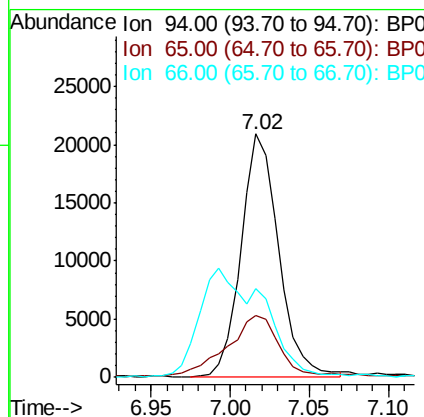
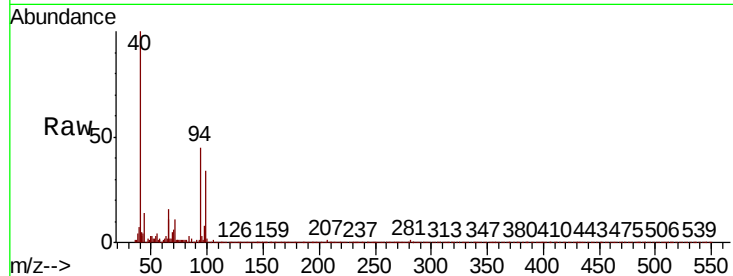
Concen: 1.599 ng/ul
 RT: 7.02 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BP004394.D
 Acq: 19 Dec 2020 15:04

Instrument :
 BNA_P
 ClientSampleID :
 BFN58

Tot Ion	Ion	Ratio	Lower	Upper
94	100			
65	25.7	20.3	30.5	
66	36.3	26.2	39.2	

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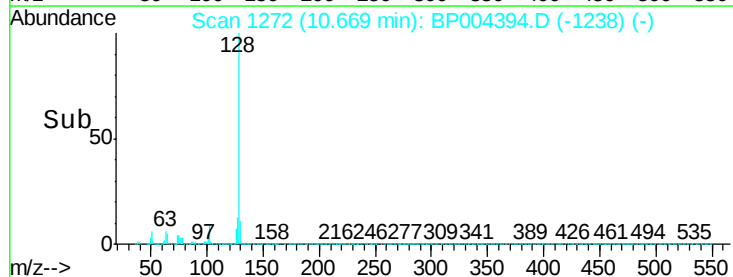
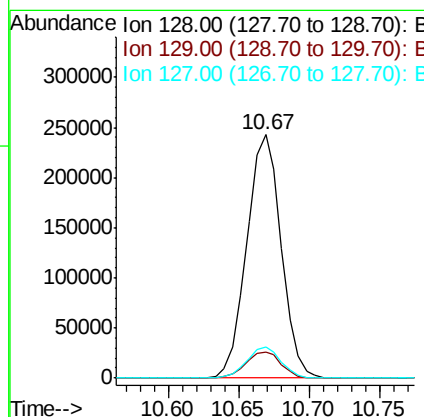
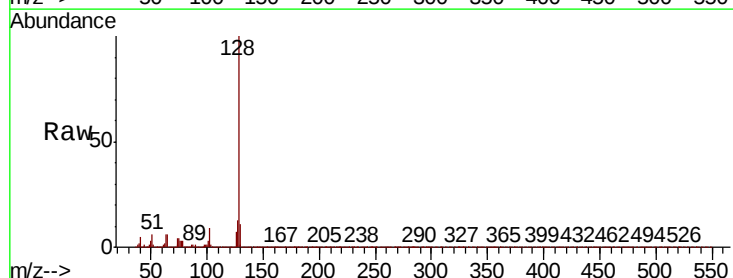


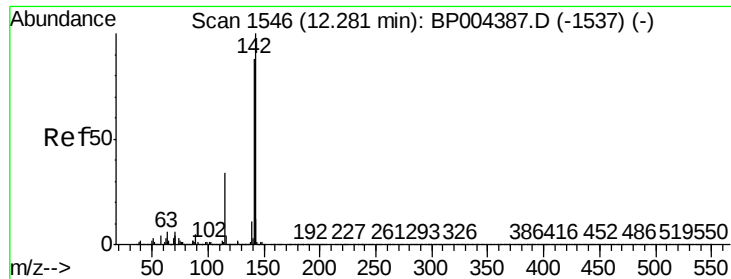
#28

Naphthalene

Concen: 7.202 ng/ul
 RT: 10.67 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BP004394.D
 Acq: 19 Dec 2020 15:04

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
129	10.8	8.8	13.2	
127	13.0	10.4	15.6	





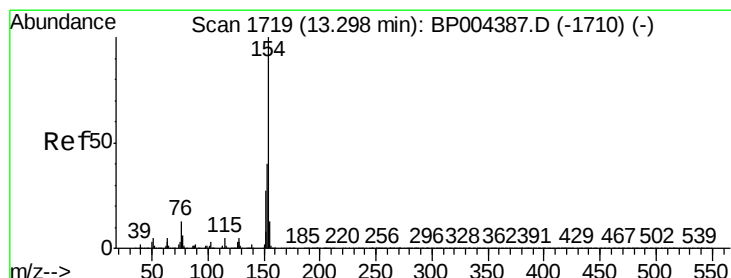
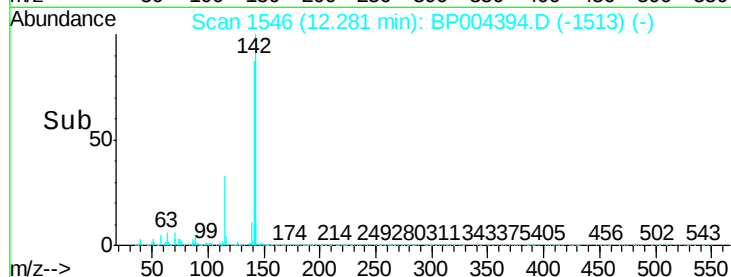
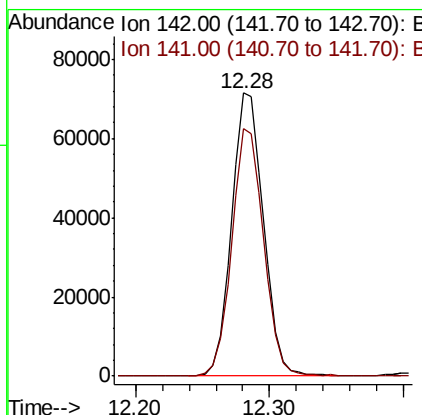
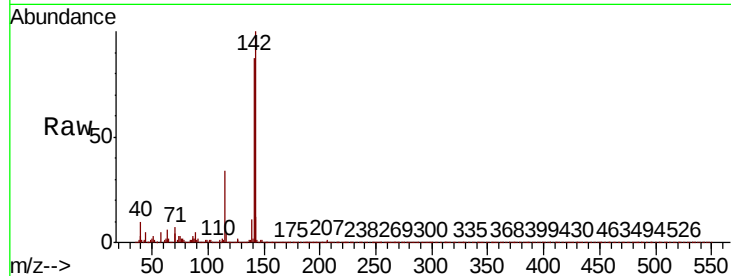
#34
 2-Methylnaphthalene
 Concen: 2.976 ng/ul
 RT: 12.28 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BP004394.D
 Acq: 19 Dec 2020 15:04

Instrument :
 BNA_P
 ClientSampleId :
 BFN58

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.2	106.8

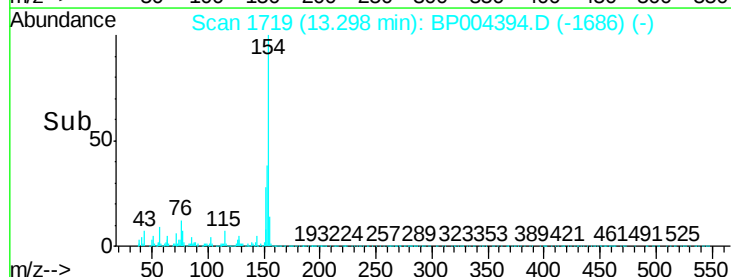
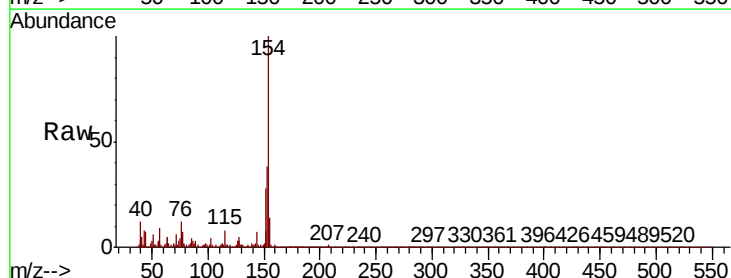
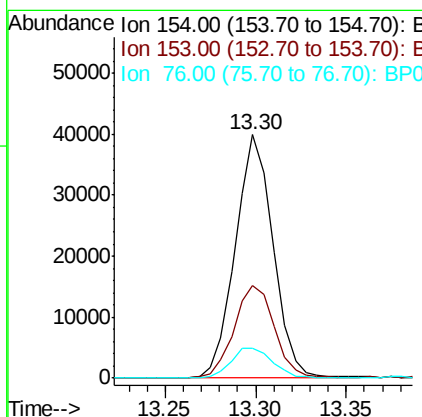
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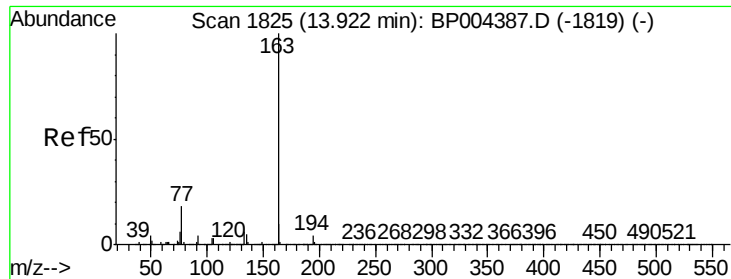
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#41
 1,1'-Biphenyl
 Concen: 1.131 ng/ul
 RT: 13.30 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BP004394.D
 Acq: 19 Dec 2020 15:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.1	32.4	48.6
76	12.1	10.0	15.0





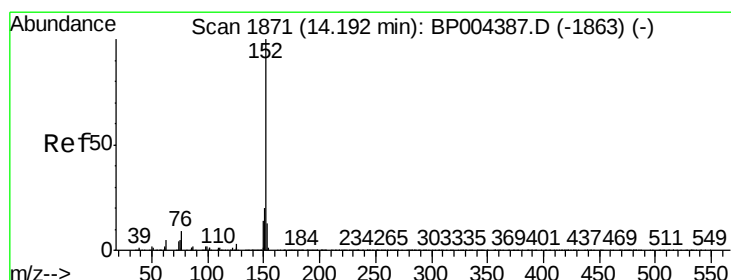
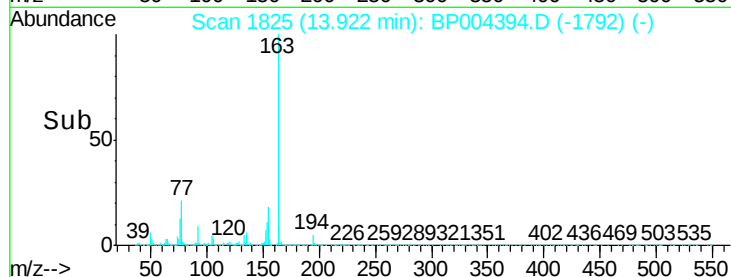
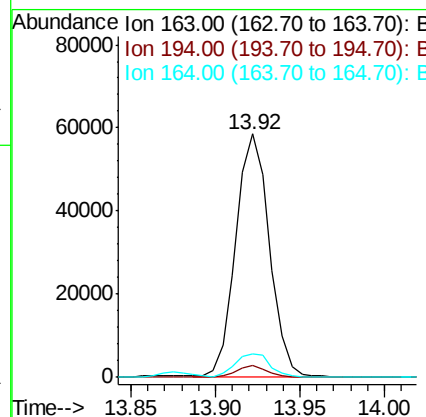
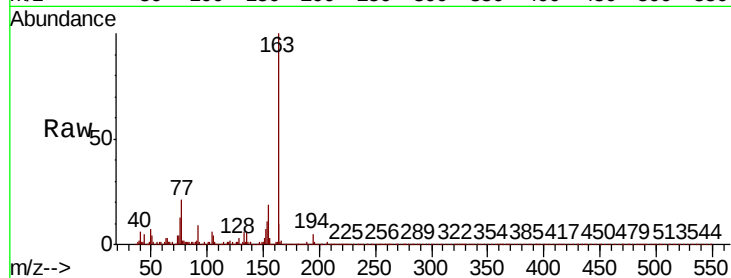
#45
Dimethylphthalate
Concen: 1.615 ng/ul
RT: 13.92 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tot Ion:	163	Resp:	80994
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.5	5.3
164	9.6	7.8	11.8

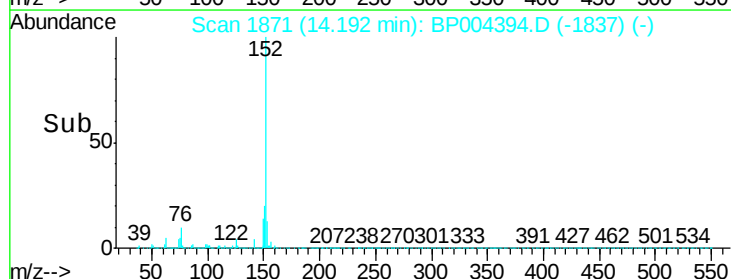
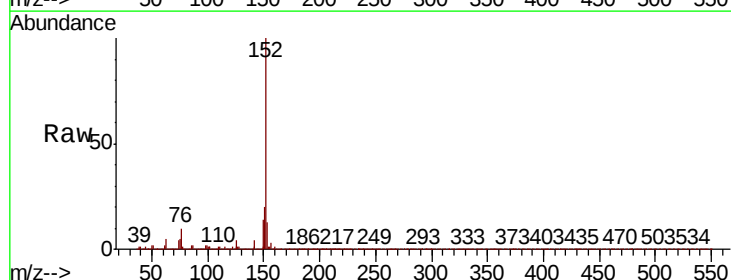
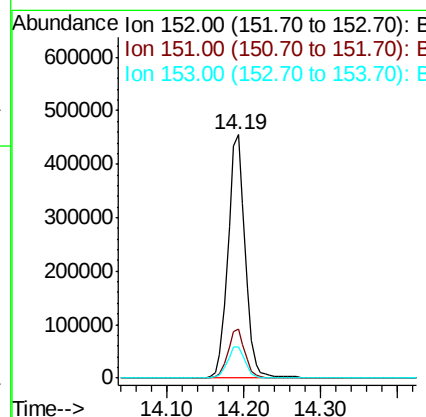
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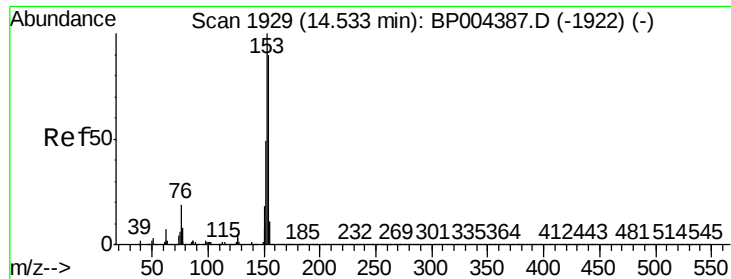
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#48
Acenaphthylene
Concen: 11.681 ng/ul
RT: 14.19 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion:	152	Resp:	709504
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.6
153	13.0	10.6	15.8





#50

Acenaphthene

Concen: 10.247 ng/ul

RT: 14.53 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP004394.D

Acq: 19 Dec 2020 15:04

Instrument :

BNA_P

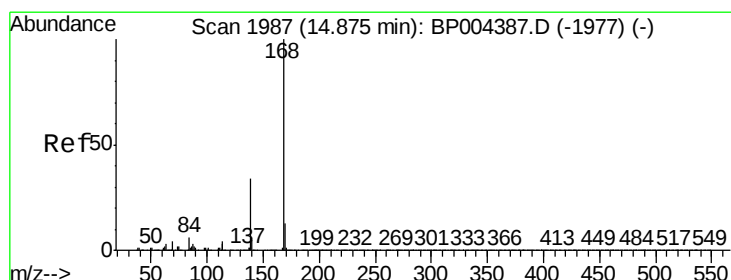
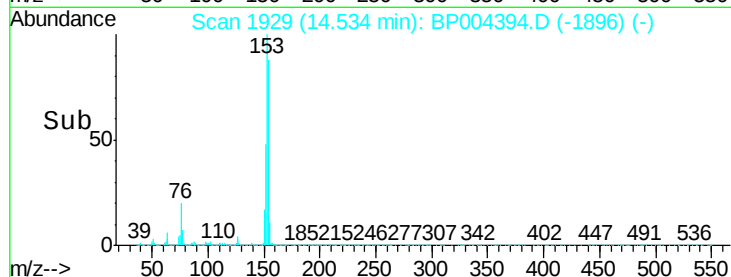
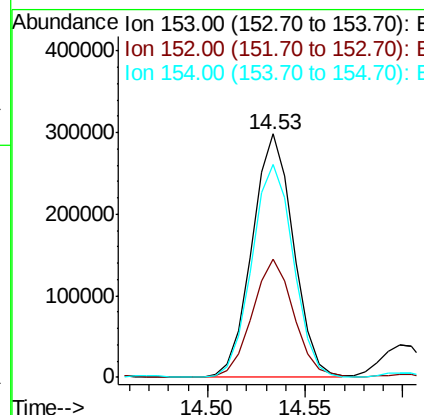
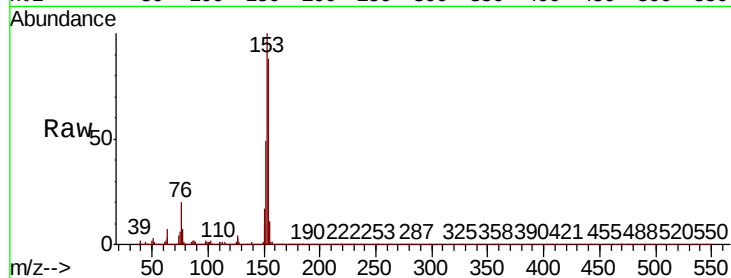
ClientSampleId :

BFN58

Tot Ion:	153	Resp:	436073
Ion Ratio	Lower	Upper	
153	100		
152	48.6	37.8	56.8
154	87.6	71.4	107.0

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#54

Dibenzofuran

Concen: 8.634 ng/ul

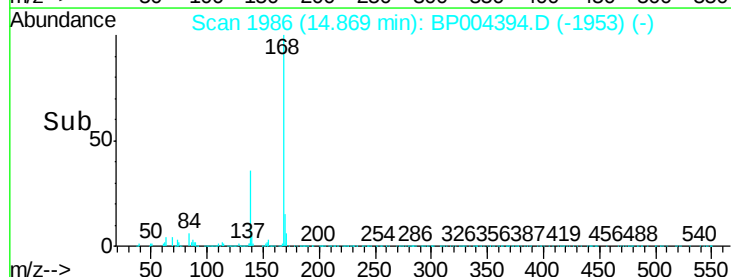
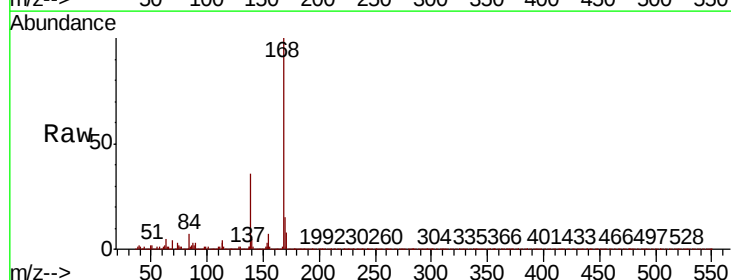
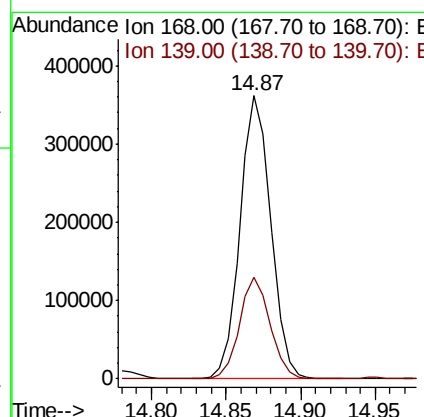
RT: 14.87 min Scan# 1986

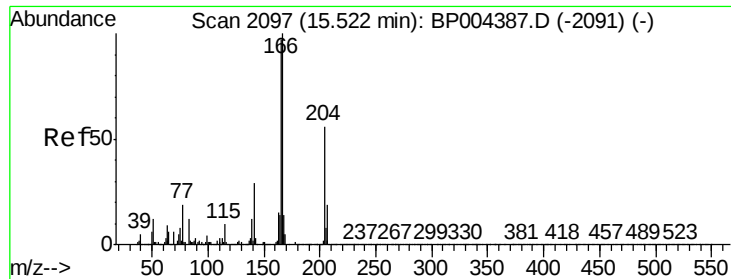
Delta R.T. -0.01 min

Lab File: BP004394.D

Acq: 19 Dec 2020 15:04

Tgt Ion:	168	Resp:	517373
Ion Ratio	Lower	Upper	
168	100		
139	36.0	28.3	42.5





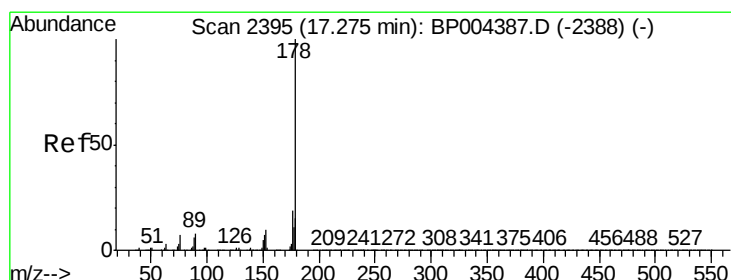
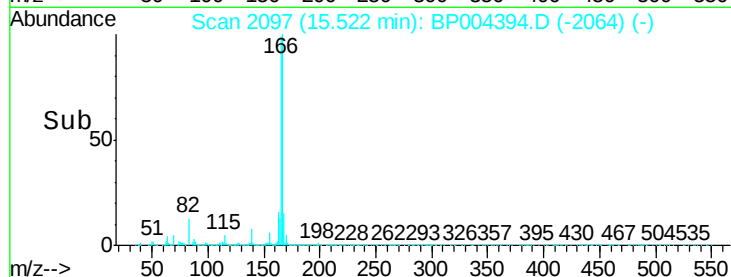
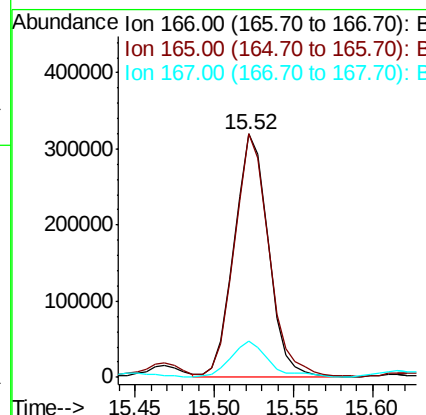
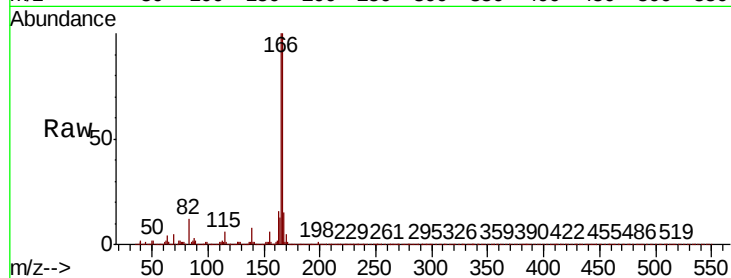
#59
Fluorene
Concen: 9.777 ng/ul
RT: 15.52 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.2	118.8
167	15.1	10.8	16.2

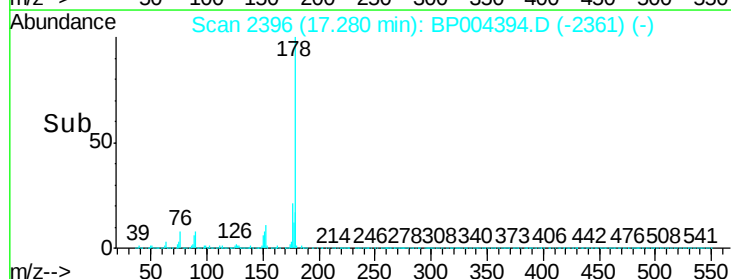
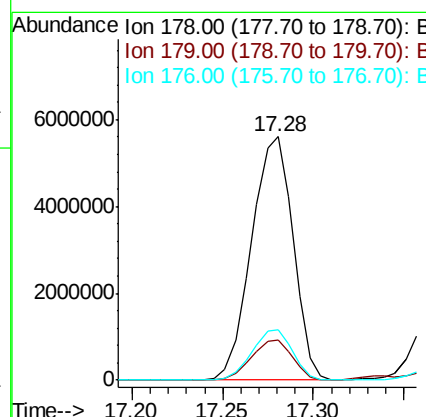
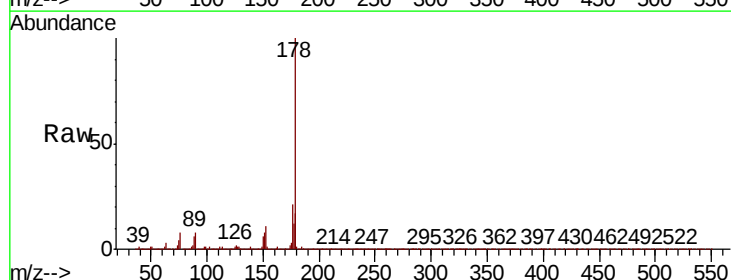
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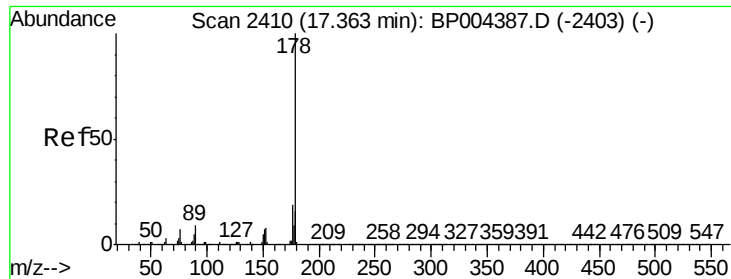
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#70
Phenanthrene
Concen: 116.182 ng/ul
RT: 17.28 min Scan# 2396
Delta R.T. 0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.4	18.6
176	20.8	15.3	22.9





#72

Anthracene

Concen: 28.041 ng/ul

RT: 17.36 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BP004394.D

Acq: 19 Dec 2020 15:04

Instrument :

BNA_P

ClientSampleId :

BFN58

Tot Ion:178 Resp: 2156549

Ion Ratio Lower Upper

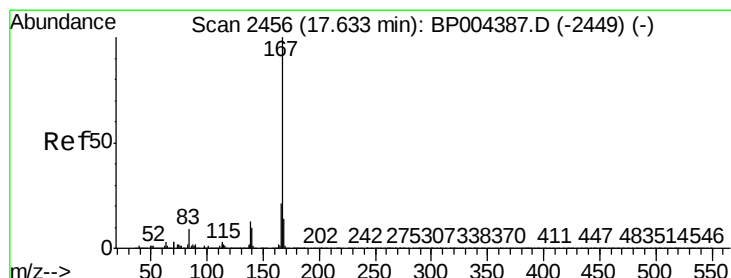
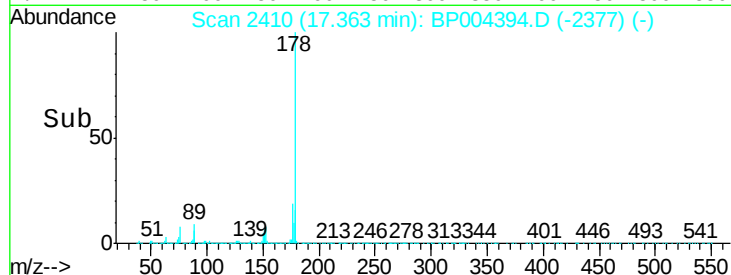
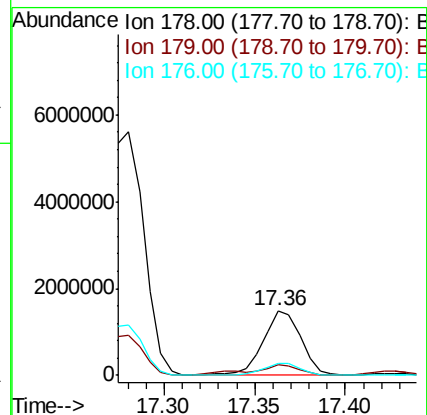
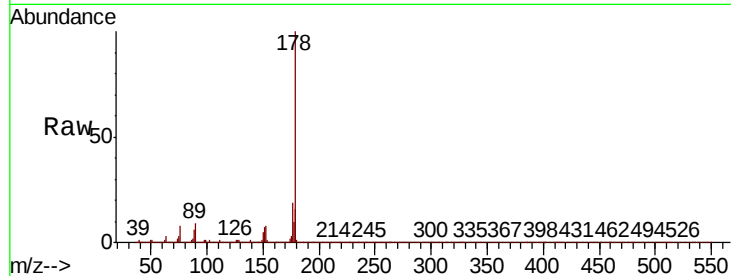
178 100

179 15.7 12.4 18.6

176 18.8 15.0 22.4

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#75

Carbazole

Concen: 14.387 ng/ul

RT: 17.63 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BP004394.D

Acq: 19 Dec 2020 15:04

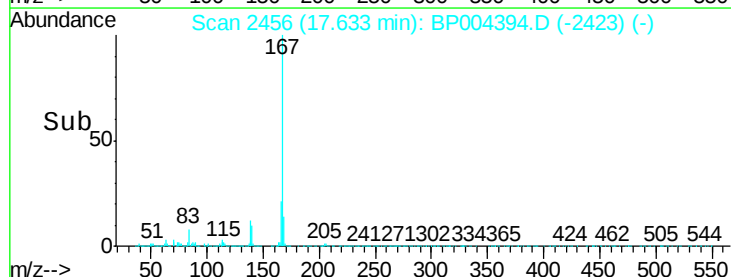
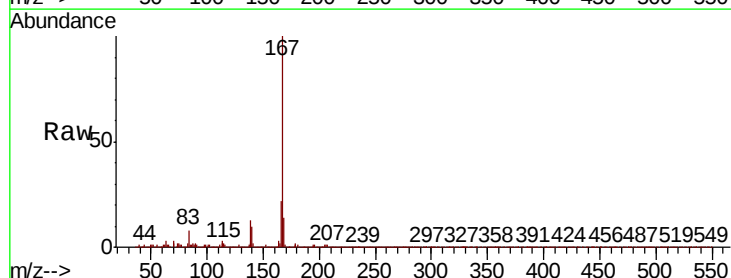
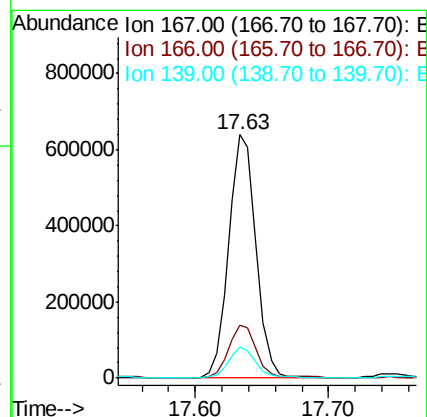
Tgt Ion:167 Resp: 914801

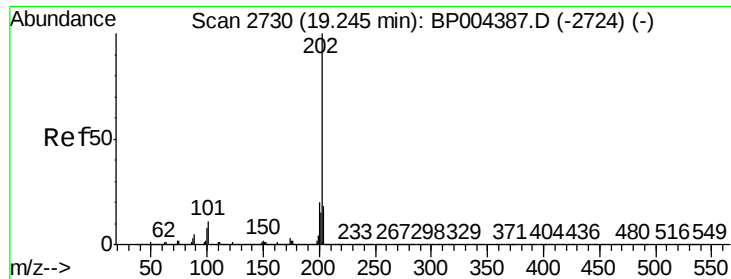
Ion Ratio Lower Upper

167 100

166 21.6 16.9 25.3

139 12.6 9.5 14.3





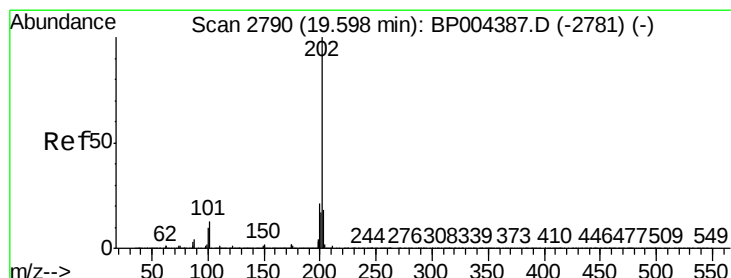
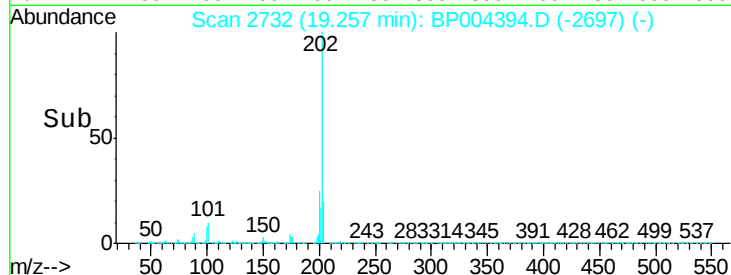
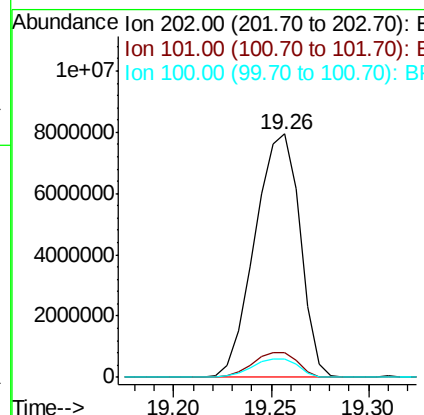
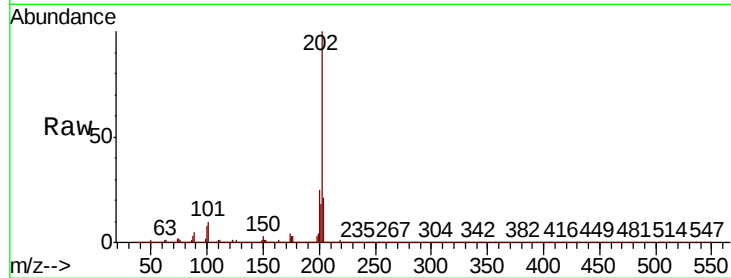
#77
 Fluoranthene
 Concen: 146.139 ng/ul
 RT: 19.26 min Scan# 2732
 Delta R.T. 0.01 min
 Lab File: BP004394.D
 Acq: 19 Dec 2020 15:04

Instrument :
 BNA_P
 ClientSampleId :
 BFN58

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.0	12.0
100	7.8	6.2	9.4

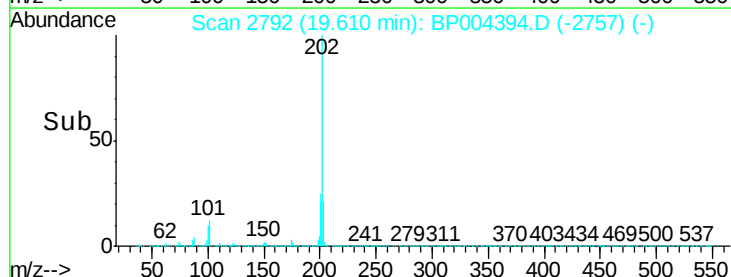
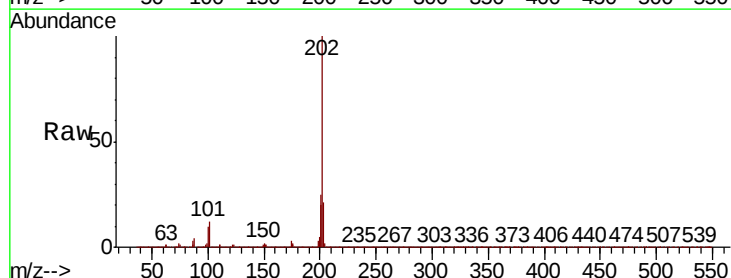
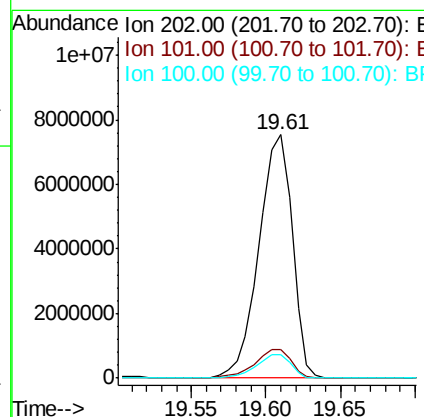
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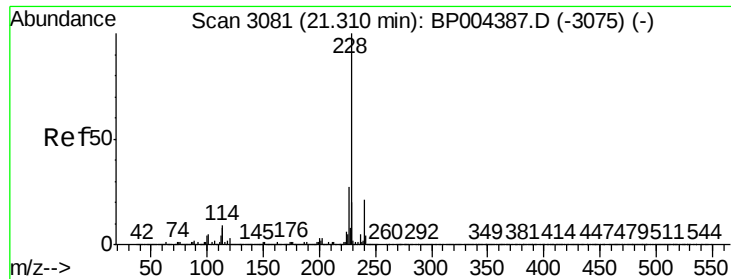
mohammad
 12/21/2020 10:43:23 AM



#80
 Pyrene
 Concen: 140.523 ng/ul
 RT: 19.61 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BP004394.D
 Acq: 19 Dec 2020 15:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.8
100	9.6	8.0	12.0





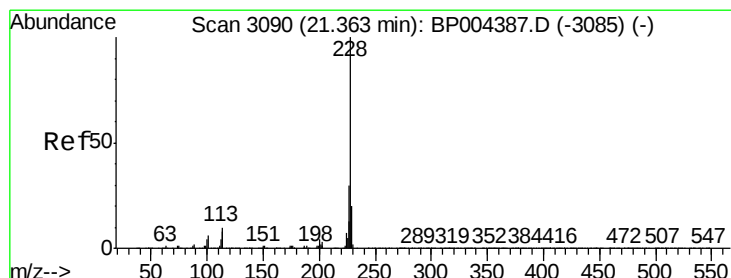
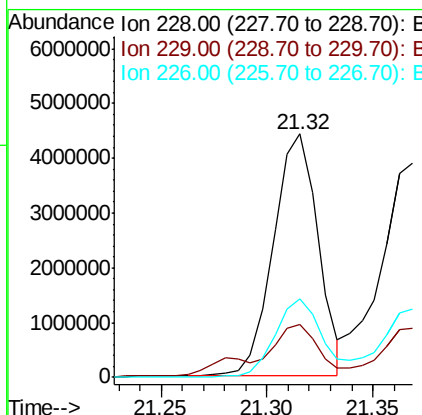
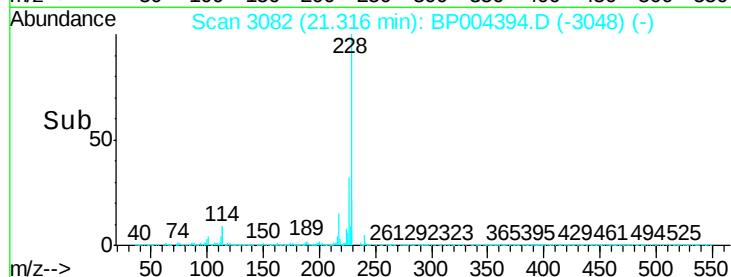
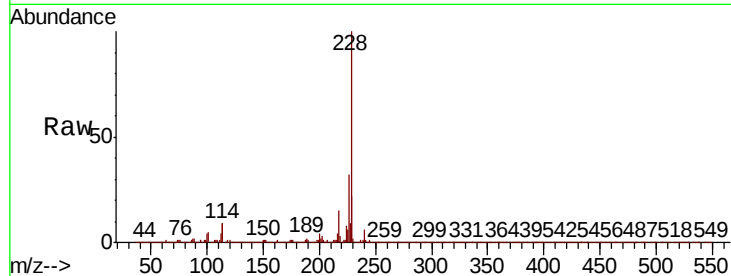
#83
Benzo(a)anthracene
Concen: 79.109 ng/ul m
RT: 21.32 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tot Ion:228 Resp: 6479835
Ion Ratio Lower Upper
228 100
229 21.7 15.4 23.2
226 32.4 21.6 32.4#

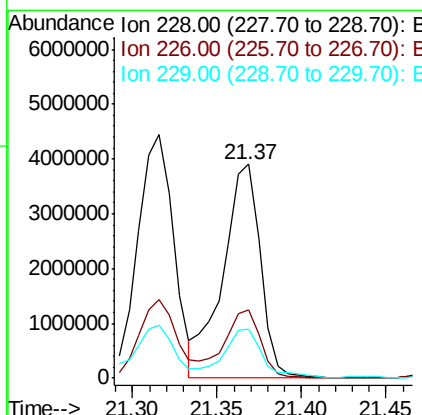
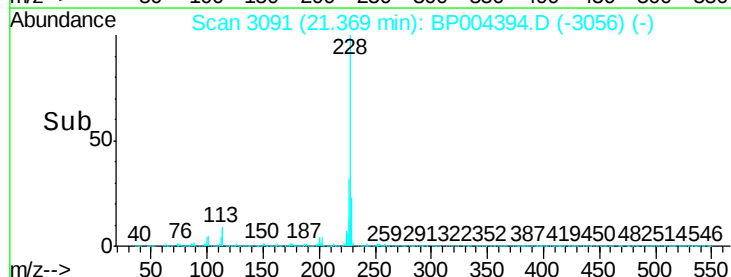
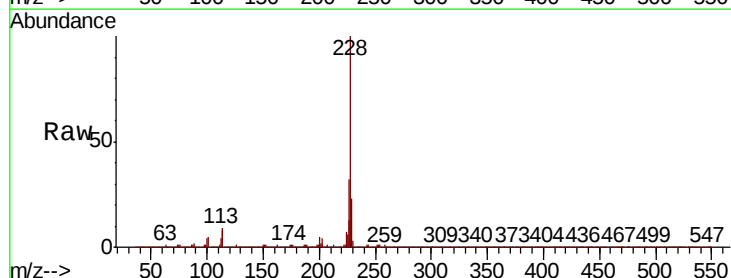
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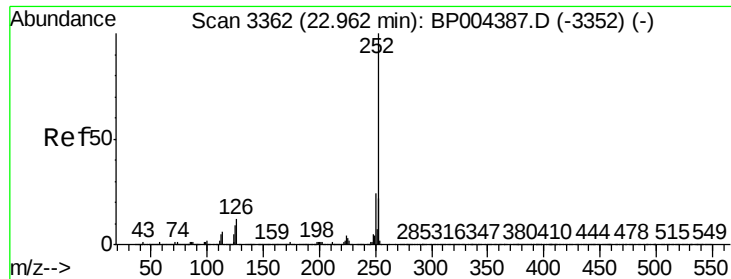
mohammad
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#85
Chrysene
Concen: 76.173 ng/ul
RT: 21.37 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion:228 Resp: 6024041
Ion Ratio Lower Upper
228 100
226 31.9 24.2 36.4
229 23.1 15.8 23.6





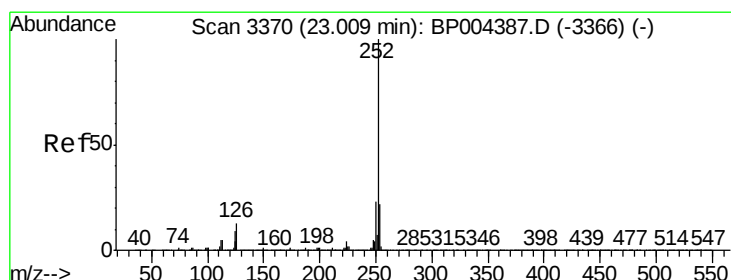
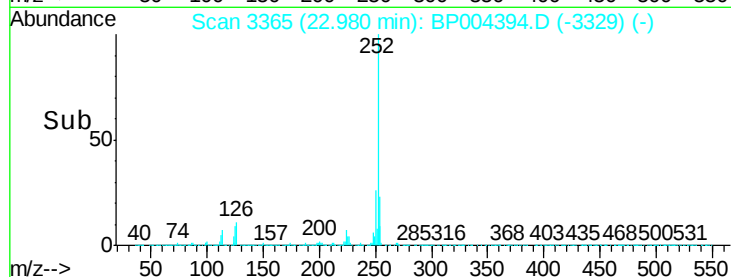
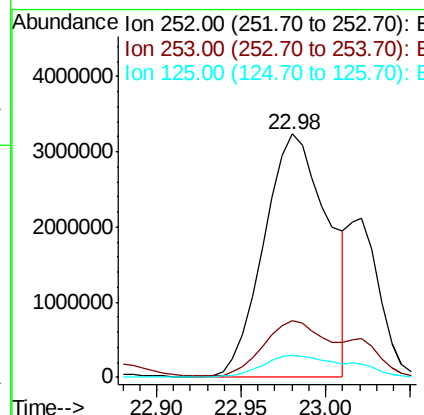
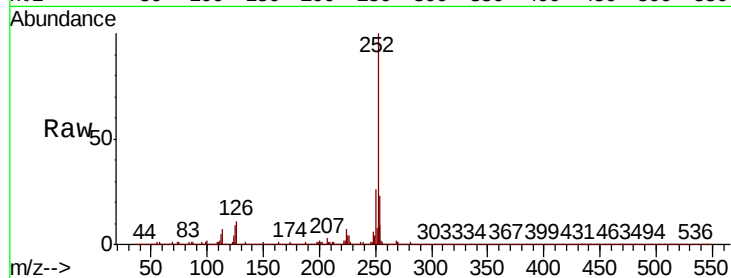
#88
Benzo(b)fluoranthene
Concen: 93.705 ng/ul
RT: 22.98 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	9.2	7.2	10.8

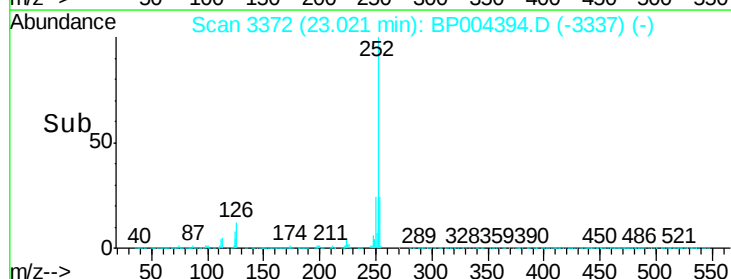
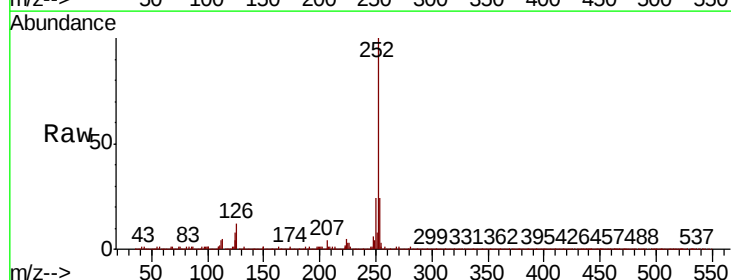
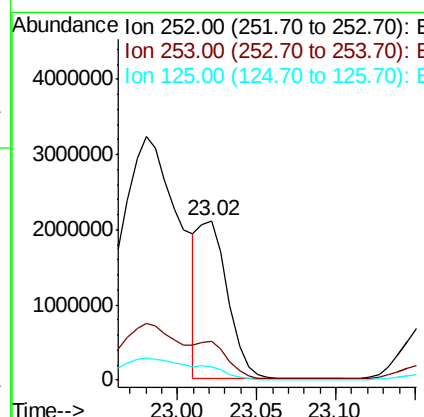
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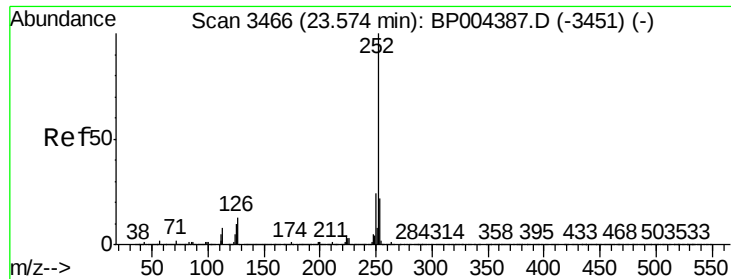
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#89
Benzo(k)fluoranthene
Concen: 30.069 ng/ul m
RT: 23.02 min Scan# 3372
Delta R.T. 0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	8.4	7.2	10.8





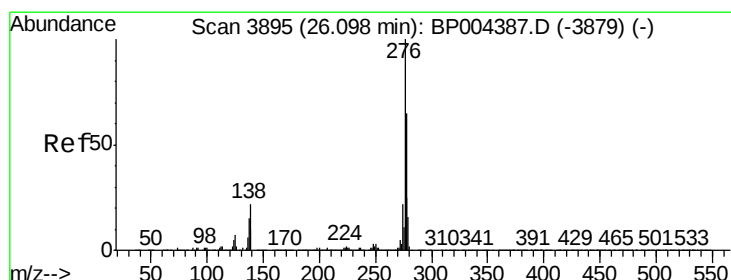
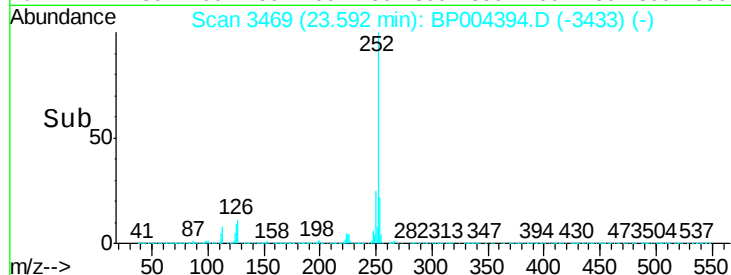
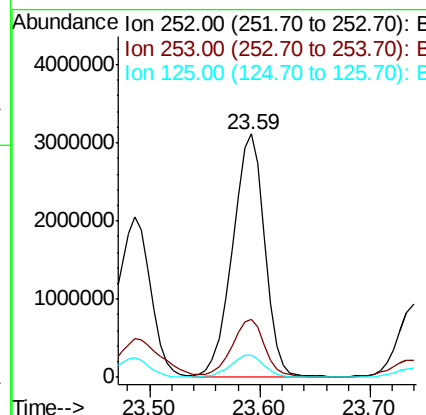
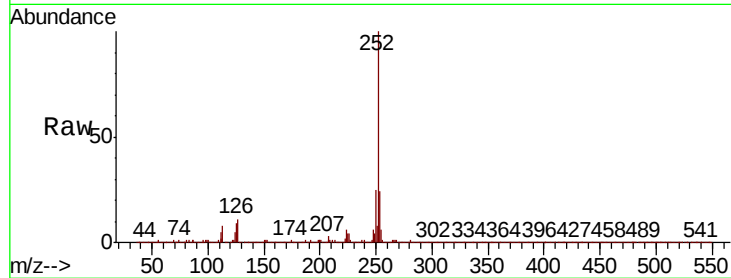
#91
Benzo(a)pyrene
Concen: 74.927 ng/ul
RT: 23.59 min Scan# 3469
Delta R.T. 0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	9.2	8.1	12.1

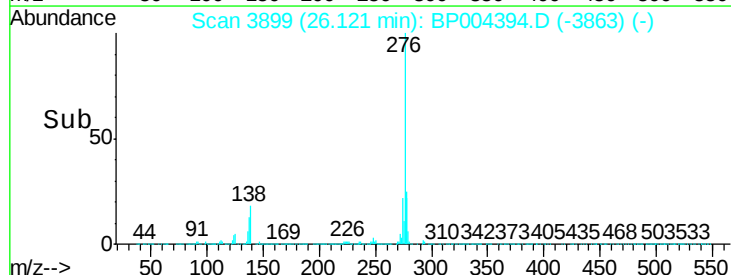
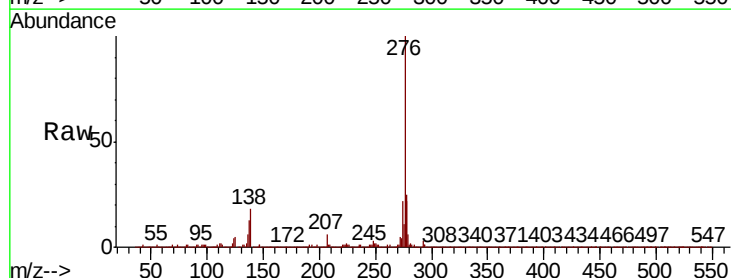
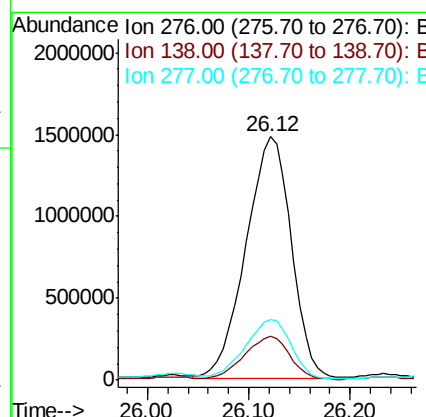
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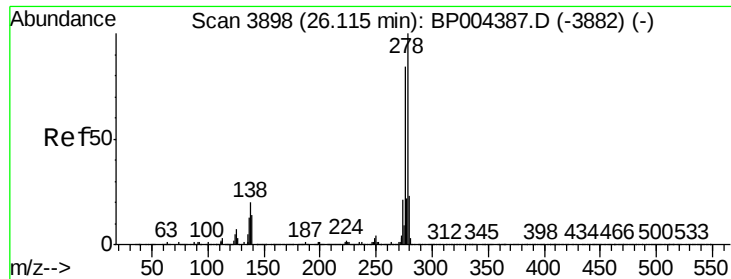
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#92
Indeno(1,2,3-cd)pyrene
Concen: 43.501 ng/ul
RT: 26.12 min Scan# 3899
Delta R.T. 0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	17.9	26.9
277	25.1	20.3	30.5





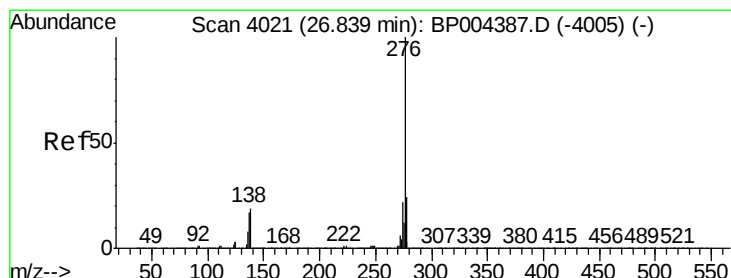
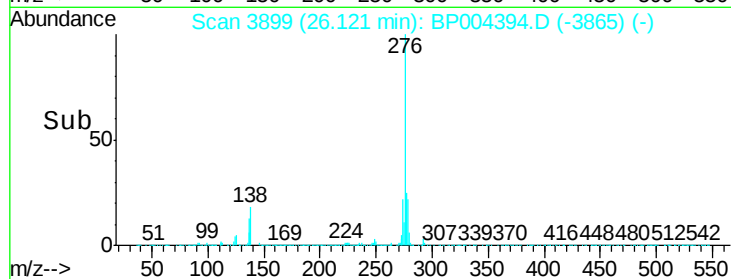
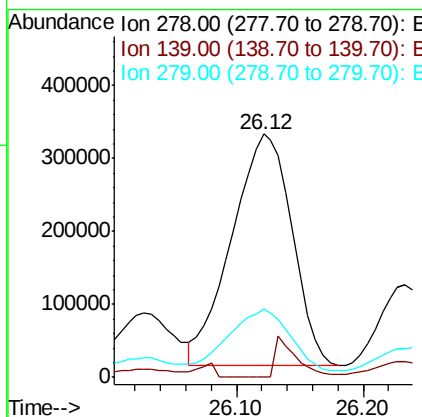
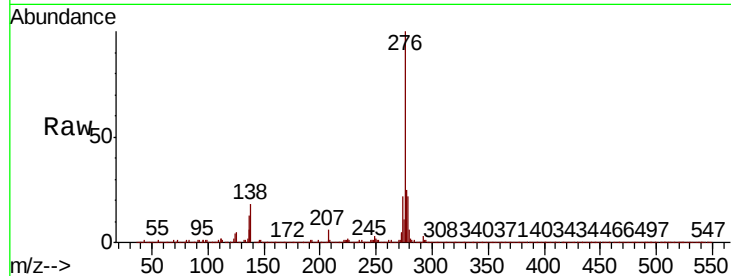
#93
Dibenzo(a,h)anthracene
Concen: 11.924 ng/ul
RT: 26.12 min Scan# 3899
Delta R.T. -0.00 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampled :
BFN58

Tot Ion:278 Resp: 1051856
Ion Ratio Lower Upper
278 100
139 0.0 11.4 17.2#
279 27.9 19.1 28.7

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 42.686 ng/ul
RT: 26.86 min Scan# 4025
Delta R.T. 0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion:276 Resp: 3793131
Ion Ratio Lower Upper
276 100
138 18.4 15.8 23.6
277 24.2 18.7 28.1

