

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
 Data File : BP004254.D
 Acq On : 12 Dec 2020 12:19
 Operator : CG/JU
 Sample : L5063-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AE0

Manual Integrations
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Quant Time: Dec 14 14:28:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 13:52:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	347466	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1328906	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	784542	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1614205	20.00	ng/ul	0.01
78) Chrysene-d12	21.35	240	1760153	20.00	ng/ul	0.02
86) Perylene-d12	23.73	264	2116595	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	15164	1.53	ng/uL	0.00
5) Phenol-d5	6.99	99	349493	12.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	204641	11.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	288162	13.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	279774	12.88	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	143607	13.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	149745	16.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	281165	14.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	611131	24.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	754216	12.58	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1036597	13.54	ng/ul	0.01
52) 4-Nitrophenol-d4	14.67	143	163193m	16.11	ng/ul	0.01
58) Fluorene-d10	15.48	176	695190	12.80	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	77046	9.95	ng/ul	0.02
71) Anthracene-d10	17.35	188	1109962	14.11	ng/ul	0.01
79) Pyrene-d10	19.59	212	1303050	14.21	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.57	264	1549520	13.90	ng/ul	0.05
Target Compounds						
6) Phenol	7.02	94	83137	2.770	ng/ul	96
24) 2,4-Dimethylphenol	9.84	107	26400m	1.140	ng/ul	
28) Naphthalene	10.68	128	478654	6.353	ng/ul#	91
34) 2-Methylnaphthalene	12.30	142	1585210	31.275	ng/ul	98
41) 1,1'-Biphenyl	13.31	154	243384	3.699	ng/ul	96
45) Dimethylphthalate	13.93	163	199468	3.266	ng/ul#	88
48) Acenaphthylene	14.20	152	135908m	1.789	ng/ul	
50) Acenaphthene	14.55	153	304939m	5.671	ng/ul	
54) Dibenzofuran	14.88	168	313416m	4.136	ng/ul	
59) Fluorene	15.53	166	330365	5.451	ng/ul#	79
70) Phenanthrene	17.29	178	5193850	54.539	ng/ul	96
72) Anthracene	17.38	178	685224m	7.273	ng/ul	
77) Fluoranthene	19.26	202	1138173	11.193	ng/ul#	94
80) Pyrene	19.62	202	6253923	52.673	ng/ul	95
83) Benzo(a)anthracene	21.33	228	765541	6.598	ng/ul#	28
85) Chrysene	21.38	228	966226m	8.489	ng/ul	
88) Benzo(b)fluoranthene	23.01	252	493748m	3.678	ng/ul	
91) Benzo(a)pyrene	23.62	252	461413	3.684	ng/ul#	15
92) Indeno(1,2,3-cd)pyrene	26.16	276	224453	1.429	ng/ul#	54
94) Benzo(g,h,i)perylene	26.92	276	342207	2.597	ng/ul#	69

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

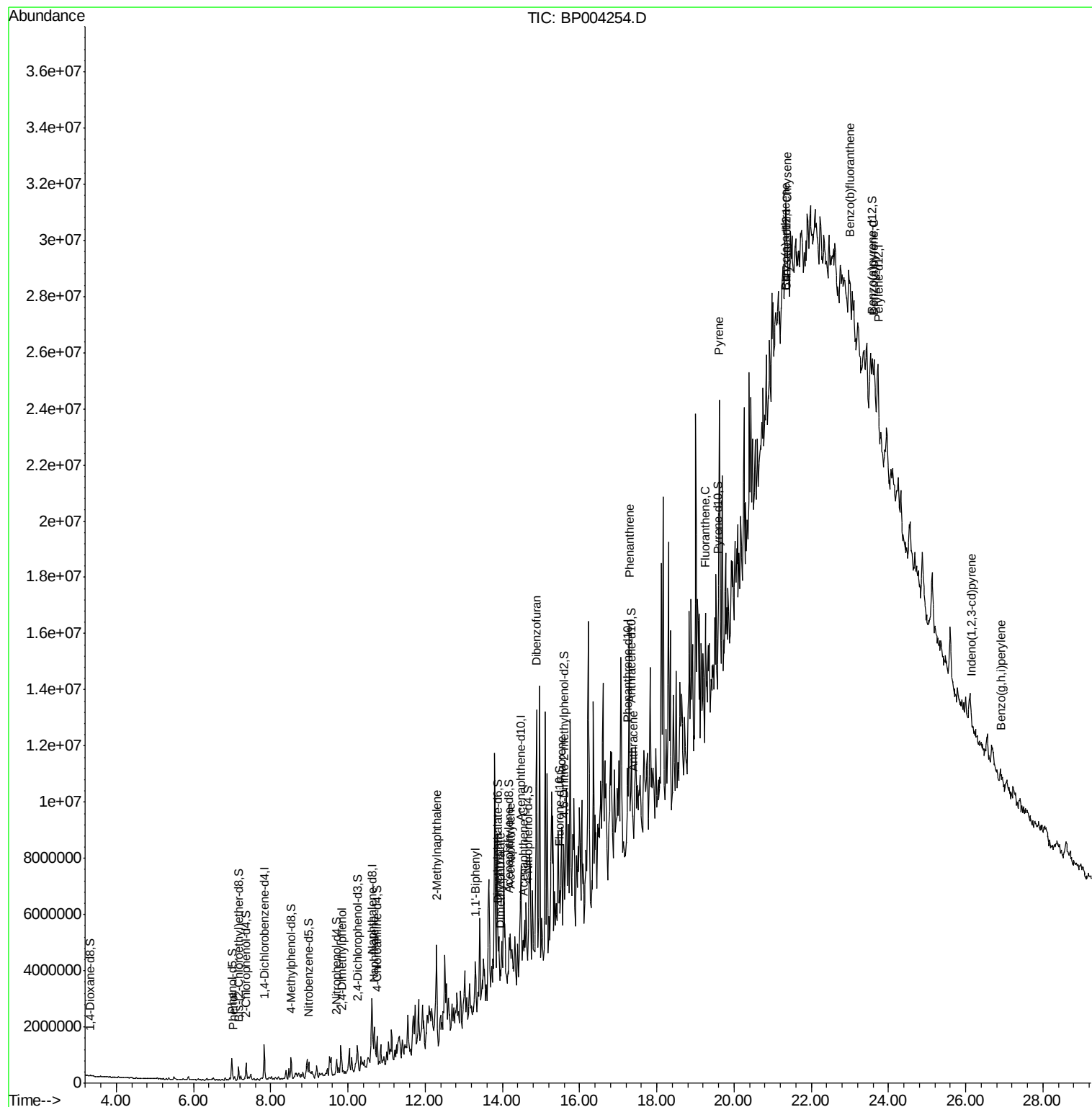
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

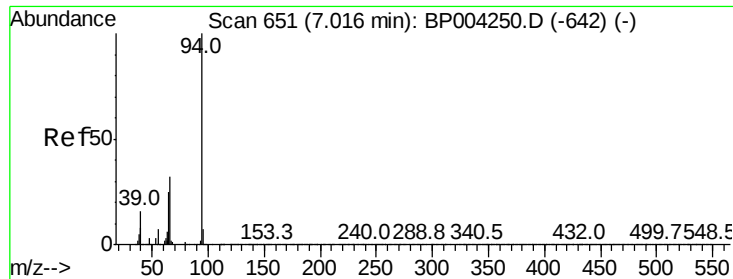
Instrument :
BNA_P
ClientSampled :
C0AE0

Quant Time: Dec 14 14:28:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

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#6

Phenol

Concen: 2.770 ng/ul

RT: 7.02 min Scan# 652

Delta R.T. 0.01 min

Lab File: BP004254.D

Acq: 12 Dec 2020 12:19

Instrument :

BNA_P

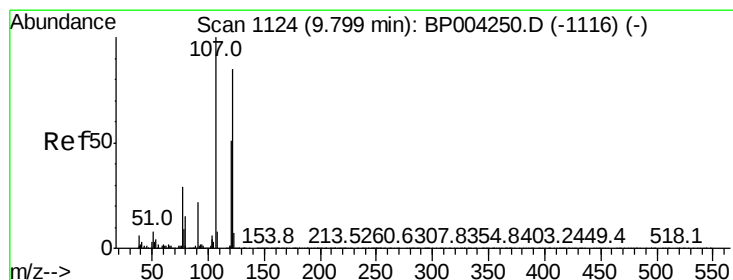
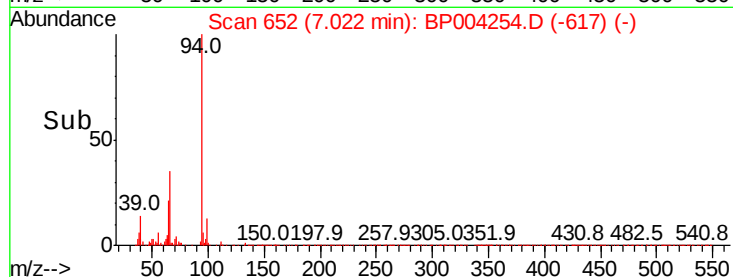
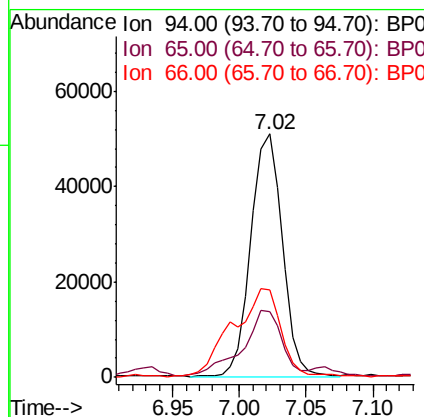
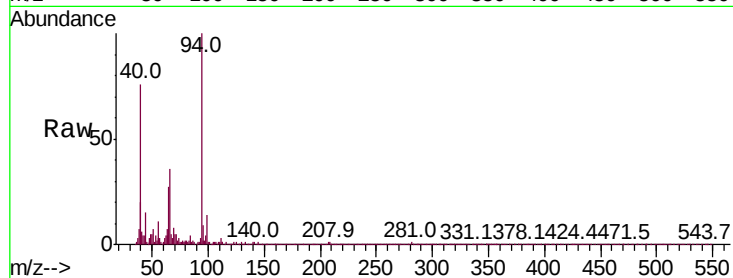
ClientSampleId :

C0AE0

Tot Ion:	94	Resp:	83137
Ion Ratio	Lower	Upper	
94	100		
65	27.2	20.8	31.2
66	36.1	26.5	39.7

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#24

2,4-Dimethylphenol

Concen: 1.140 ng/ul m

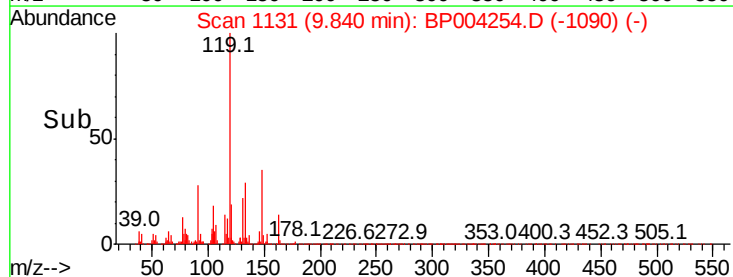
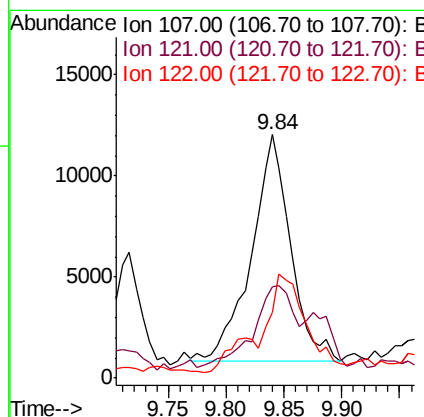
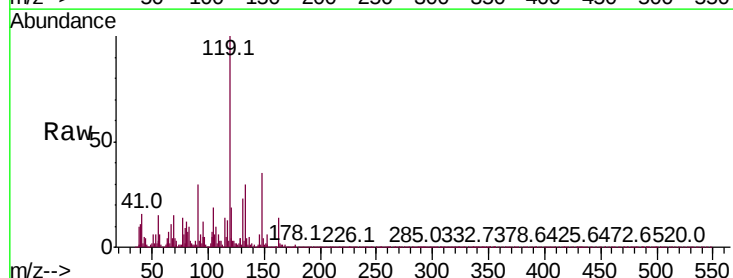
RT: 9.84 min Scan# 1131

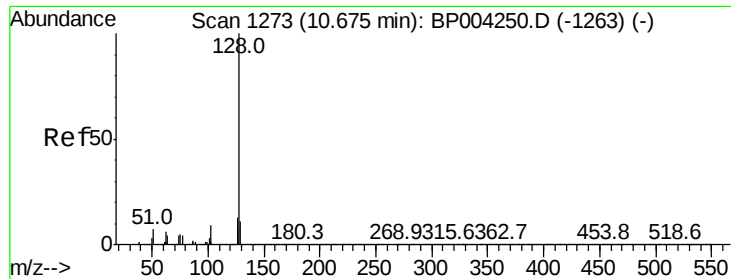
Delta R.T. 0.04 min

Lab File: BP004254.D

Acq: 12 Dec 2020 12:19

Tgt Ion:	107	Resp:	26400
Ion Ratio	Lower	Upper	
107	100		
121	37.7	41.2	61.8#
122	27.0	69.3	103.9#





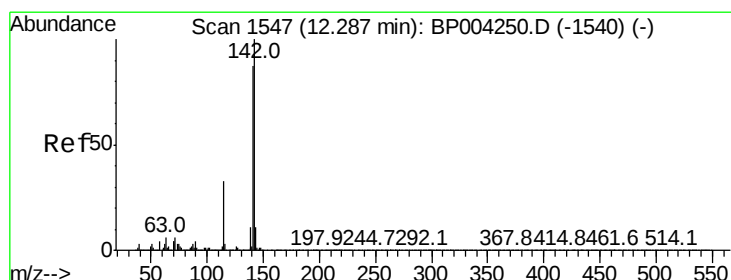
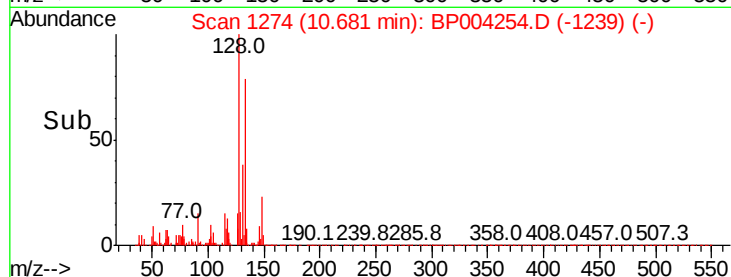
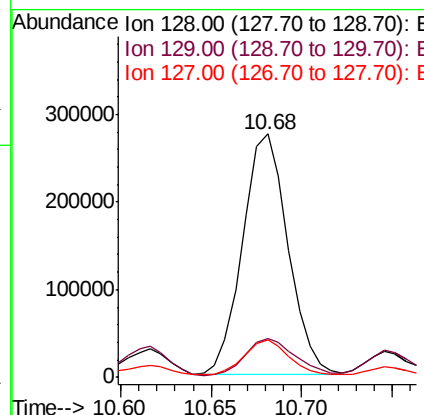
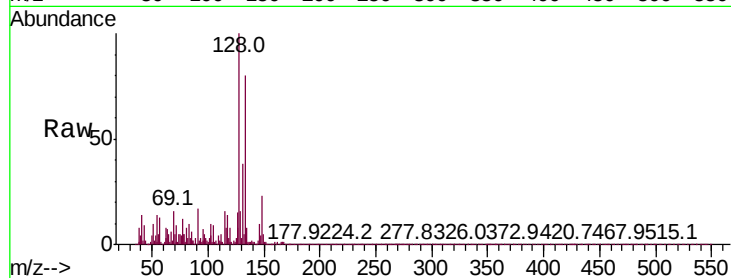
#28
Naphthalene
Concen: 6.353 ng/ul
RT: 10.68 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.9	8.8	13.2#
127	15.5	10.6	16.0

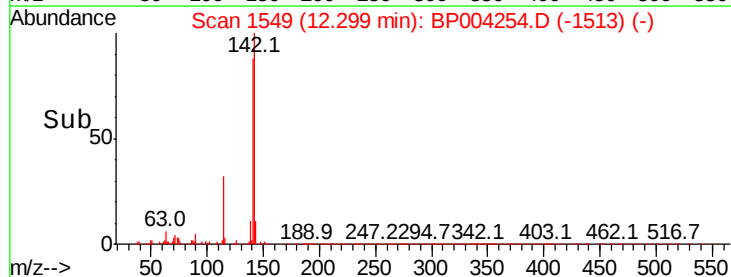
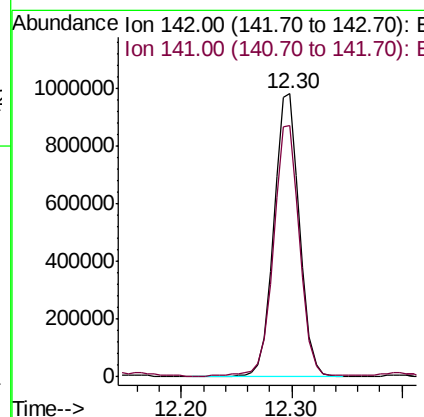
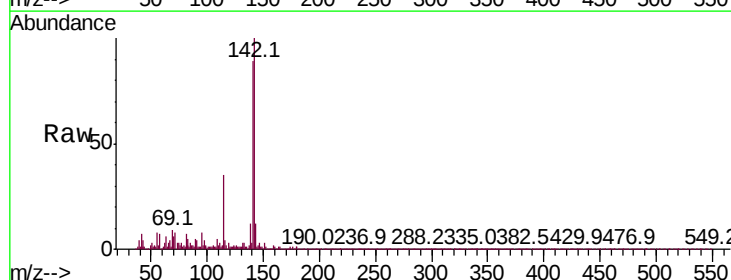
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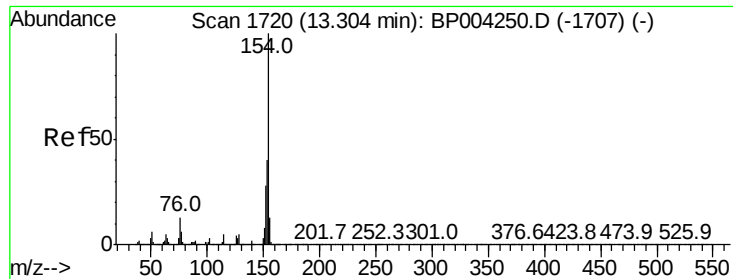
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#34
2-Methylnaphthalene
Concen: 31.275 ng/ul
RT: 12.30 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.7	104.5





#41

1,1'-Biphenyl

Concen: 3.699 ng/ul

RT: 13.31 min Scan# 1721

Delta R.T. 0.01 min

Lab File: BP004254.D

Acq: 12 Dec 2020 12:19

Instrument :

BNA_P

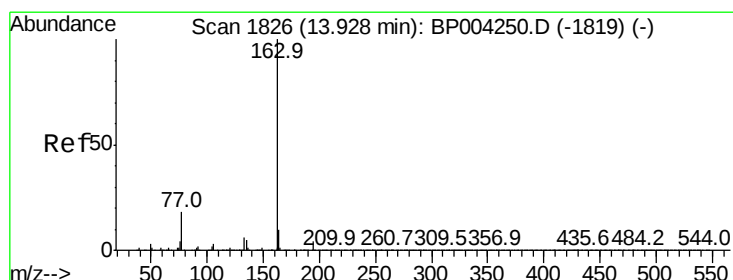
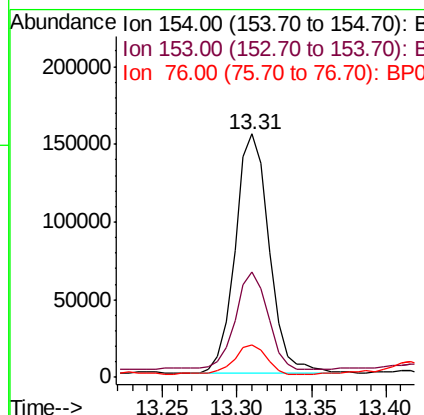
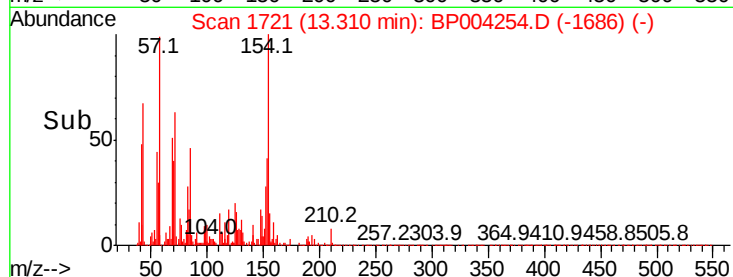
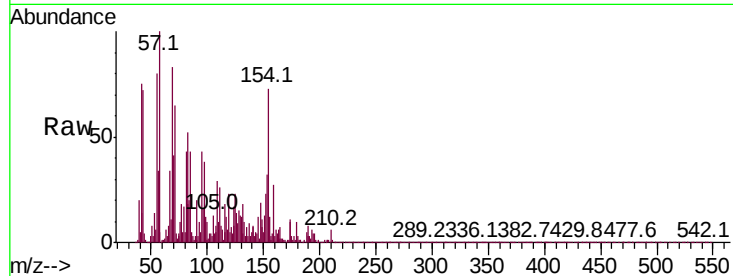
ClientSampleId :

C0AE0

Tot Ion:	154	Resp:	243384
Ion Ratio	Lower	Upper	
154	100		
153	43.3	32.2	48.2
76	13.5	11.0	16.6

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#45

Dimethylphthalate

Concen: 3.266 ng/ul

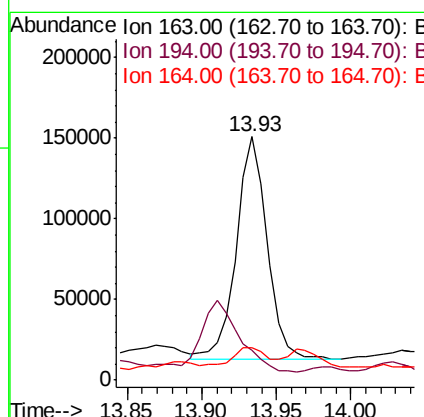
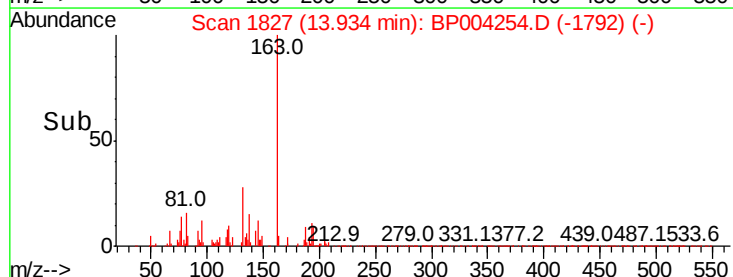
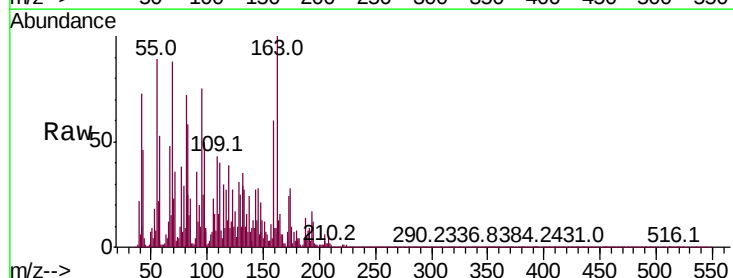
RT: 13.93 min Scan# 1827

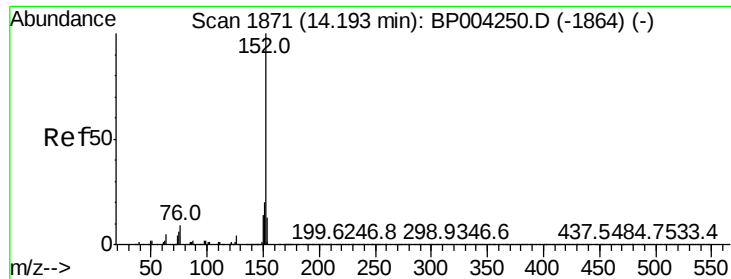
Delta R.T. 0.01 min

Lab File: BP004254.D

Acq: 12 Dec 2020 12:19

Tgt Ion:	163	Resp:	199468
Ion Ratio	Lower	Upper	
163	100		
194	12.0	3.4	5.2#
164	13.4	8.4	12.6#





#48

Acenaphthylene

Concen: 1.789 ng/ul m

RT: 14.20 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BP004254.D

Acq: 12 Dec 2020 12:19

Instrument :

BNA_P

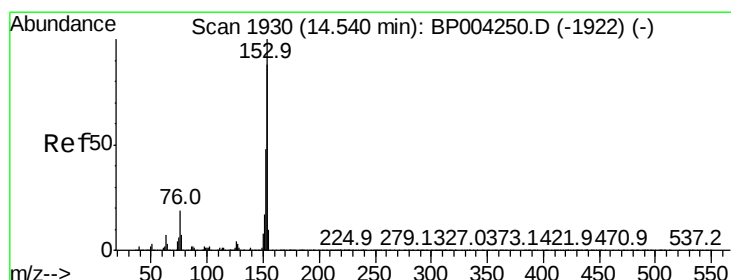
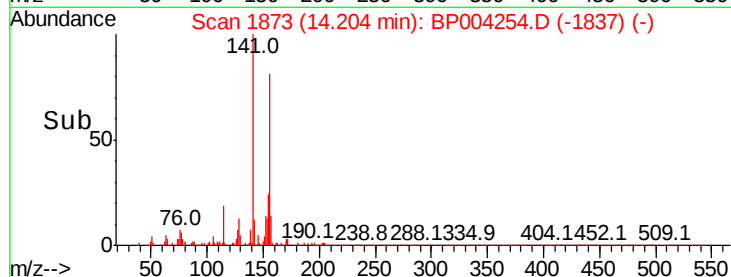
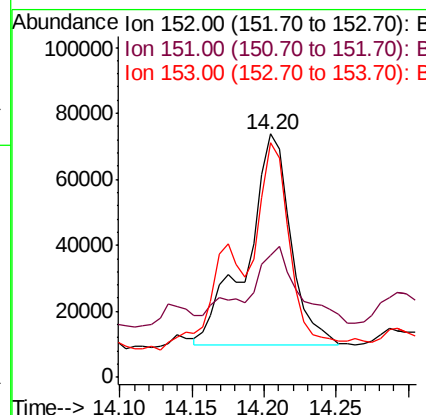
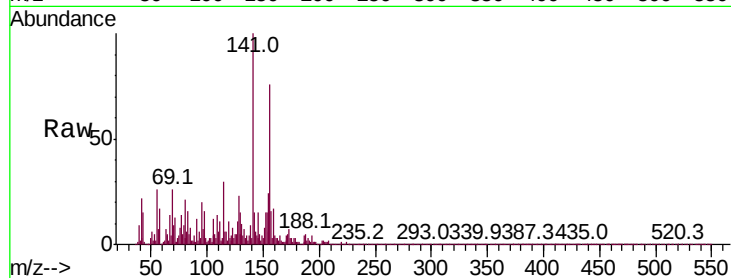
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
151	50.1	15.8	23.8#		
153	96.4	10.6	16.0#		

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#50

Acenaphthene

Concen: 5.671 ng/ul m

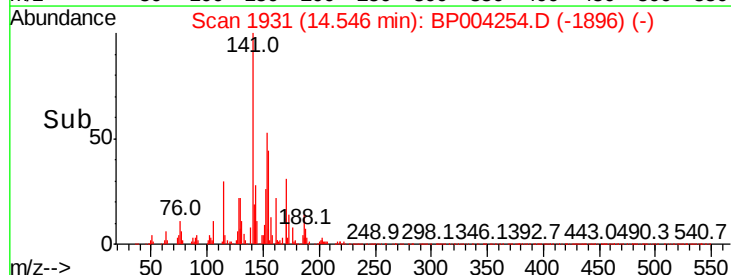
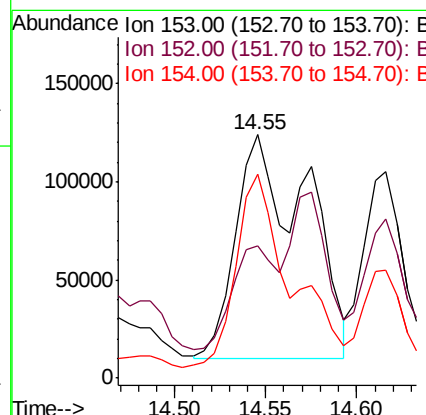
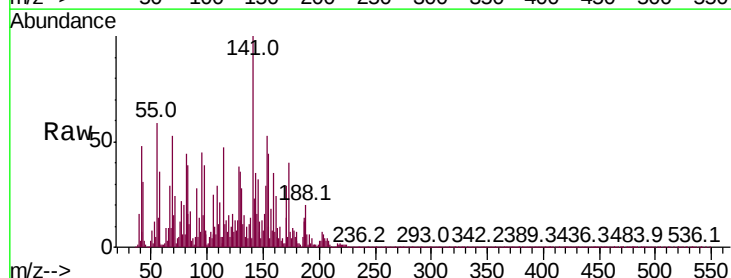
RT: 14.55 min Scan# 1931

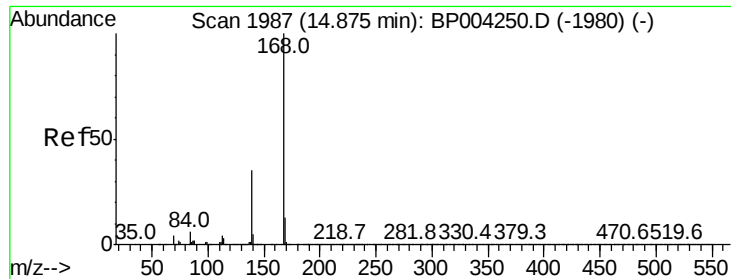
Delta R.T. 0.01 min

Lab File: BP004254.D

Acq: 12 Dec 2020 12:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
153	100				
152	54.1	37.8	56.6		
154	83.6	69.8	104.8		





#54

Dibenzofuran

Concen: 4.136 ng/ul m

RT: 14.88 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BP004254.D

Acq: 12 Dec 2020 12:19

Instrument :

BNA_P

ClientSampleId :

C0AE0

Tot Ion:168 Resp: 313416

Ion Ratio Lower Upper

168 100

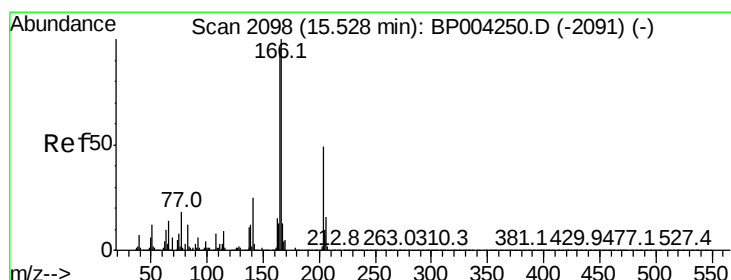
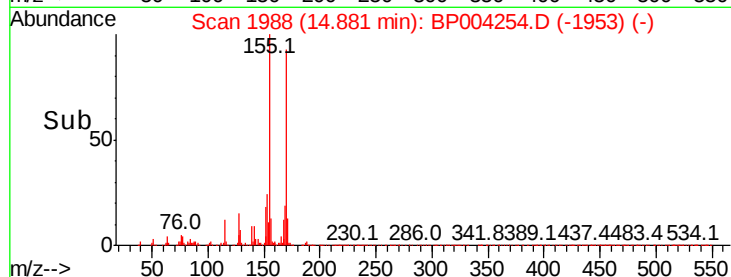
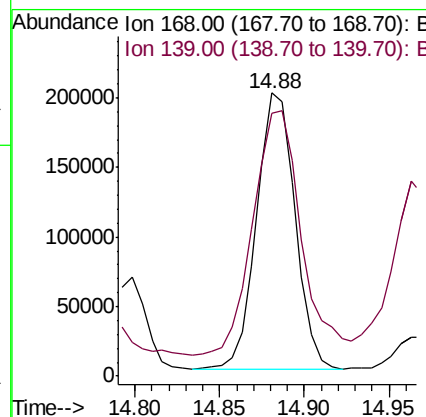
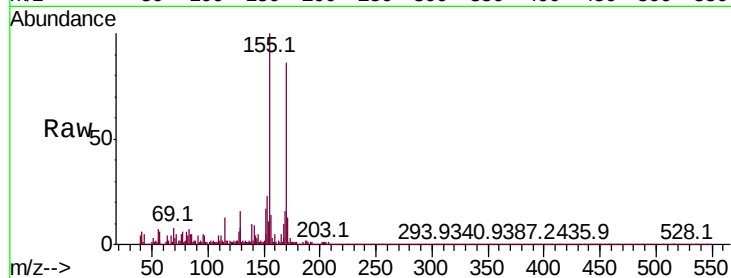
139 93.0 29.0 43.6#

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#59

Fluorene

Concen: 5.451 ng/ul

RT: 15.53 min Scan# 2099

Delta R.T. 0.01 min

Lab File: BP004254.D

Acq: 12 Dec 2020 12:19

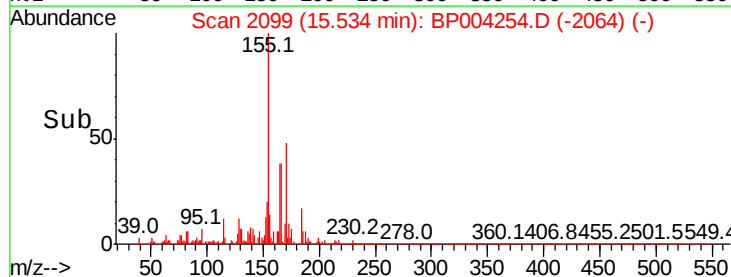
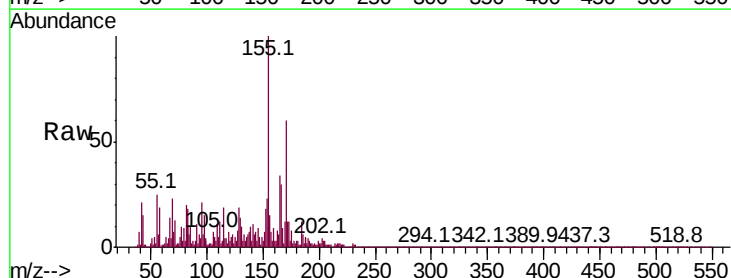
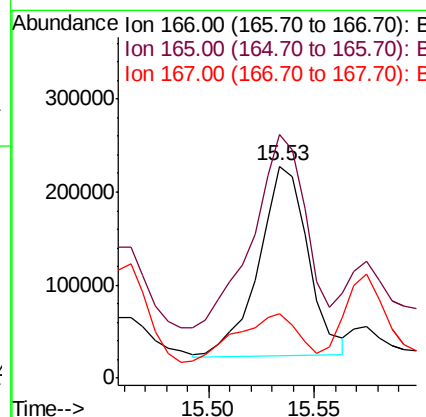
Tgt Ion:166 Resp: 330365

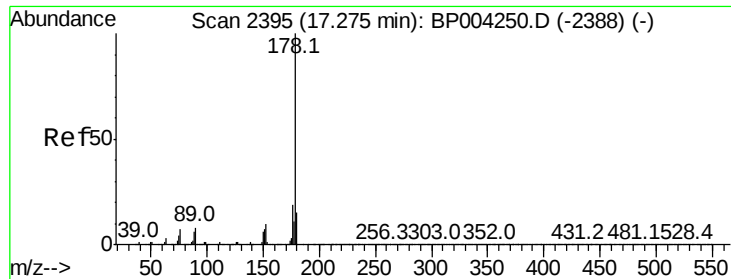
Ion Ratio Lower Upper

166 100

165 114.9 78.2 117.2

167 30.7 10.8 16.2#





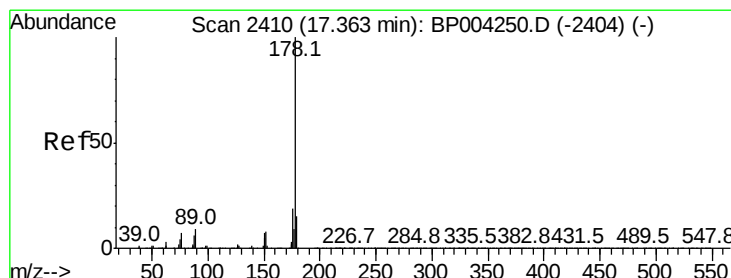
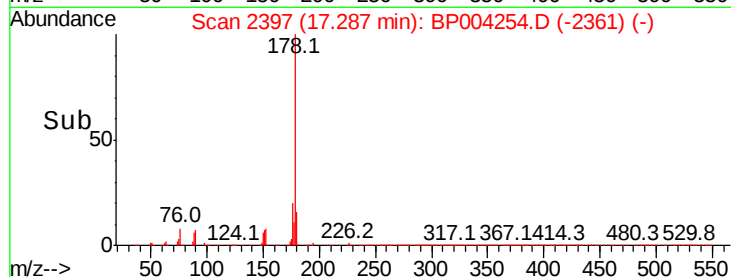
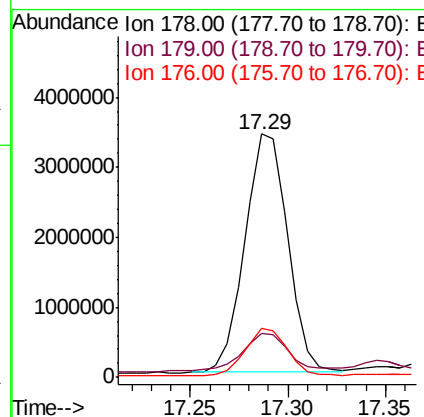
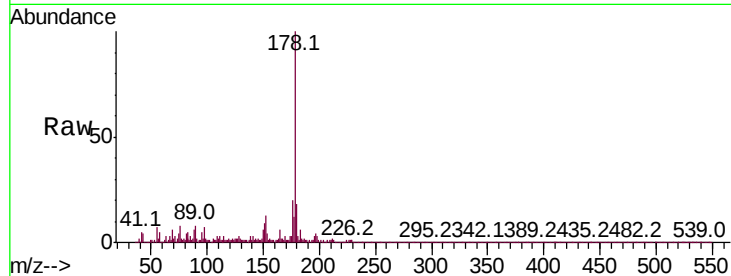
#70
Phenanthrene
Concen: 54.539 ng/ul
RT: 17.29 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.4	18.6
176	20.1	15.4	23.0

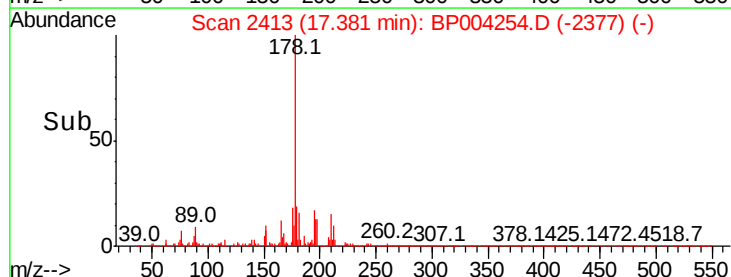
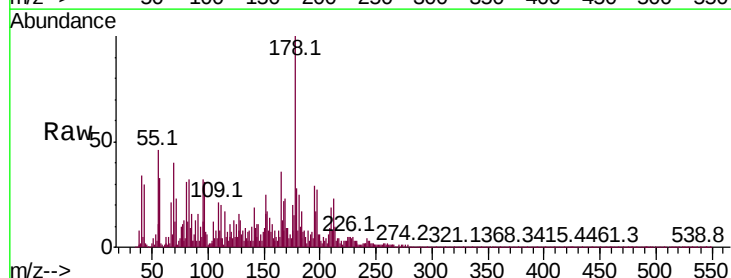
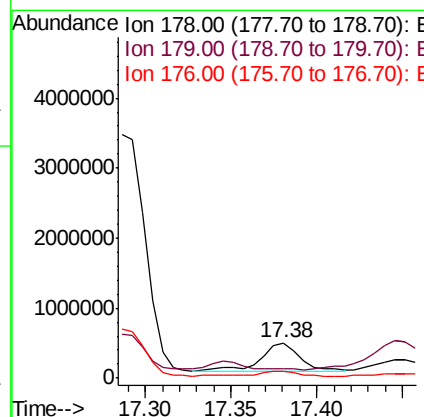
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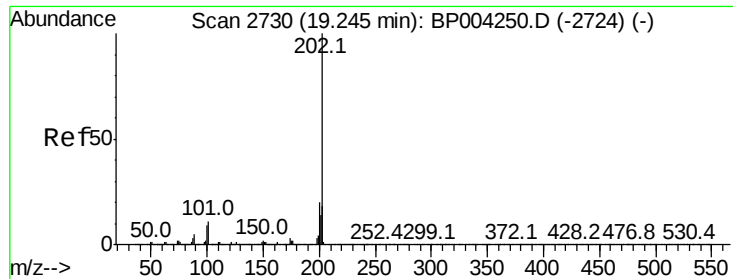
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#72
Anthracene
Concen: 7.273 ng/ul m
RT: 17.38 min Scan# 2413
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	27.9	12.3	18.5#
176	20.4	14.9	22.3





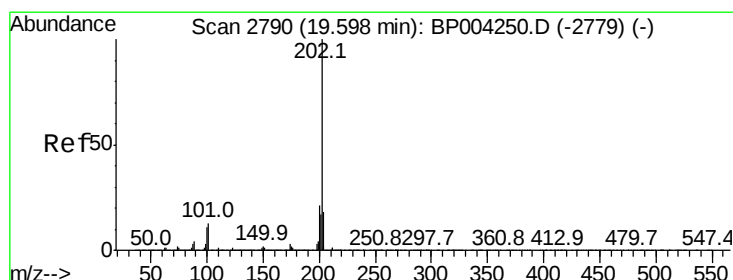
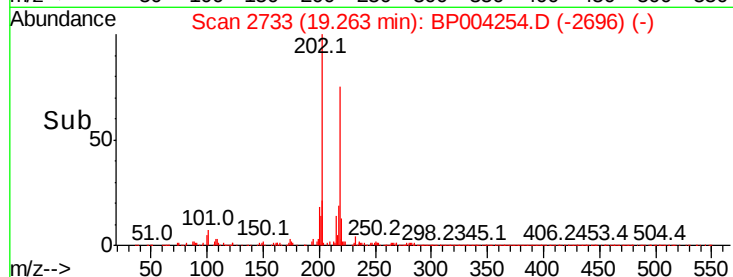
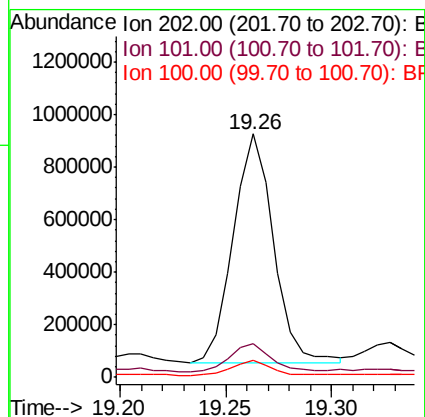
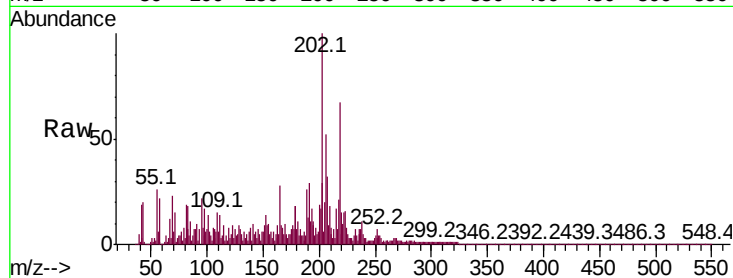
#77
Fluoranthene
Concen: 11.193 ng/ul
RT: 19.26 min Scan# 2733
Delta R.T. 0.02 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.1	13.7#
100	6.8	7.1	10.7#

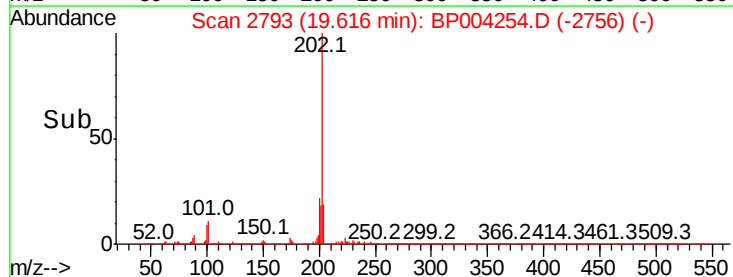
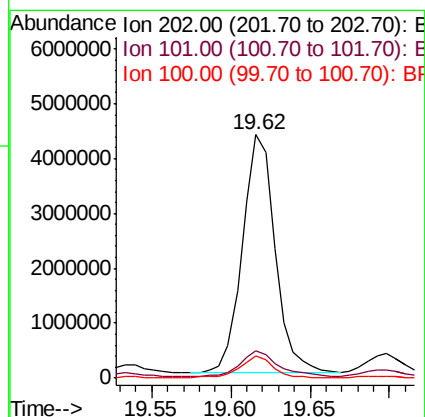
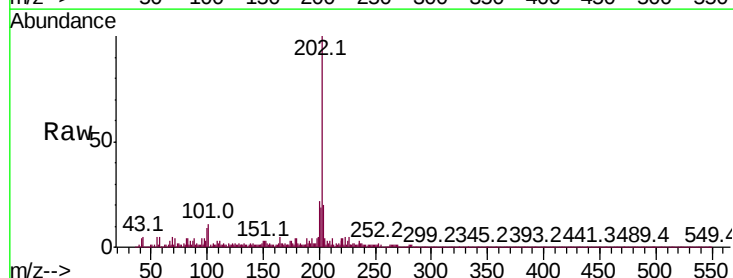
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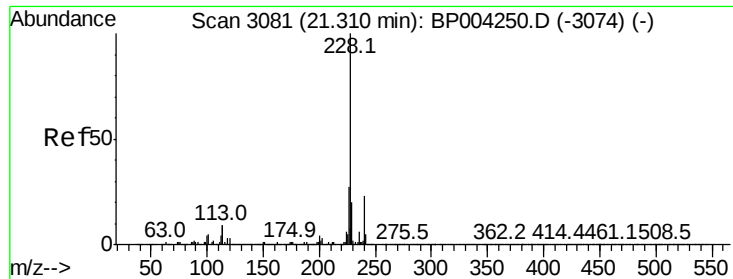
mohammad
12/14/2020 2:45:40 PM



#80
Pyrene
Concen: 52.673 ng/ul
RT: 19.62 min Scan# 2793
Delta R.T. 0.02 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	10.6	15.8
100	8.9	8.6	12.8





#83

Benzo(a)anthracene

Concen: 6.598 ng/u1

RT: 21.33 min Scan# 3084

Delta R.T. 0.02 min

Lab File: BP004254.D

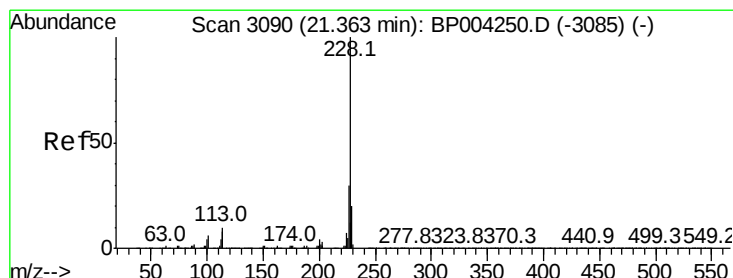
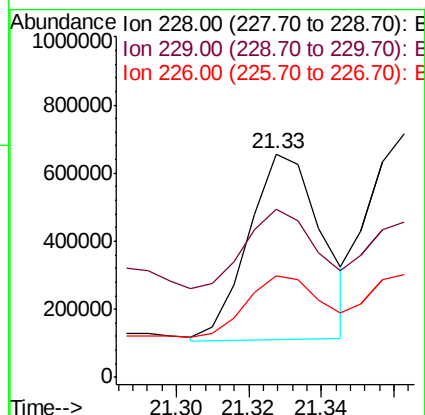
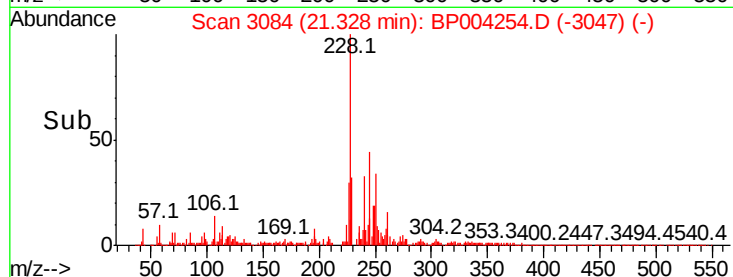
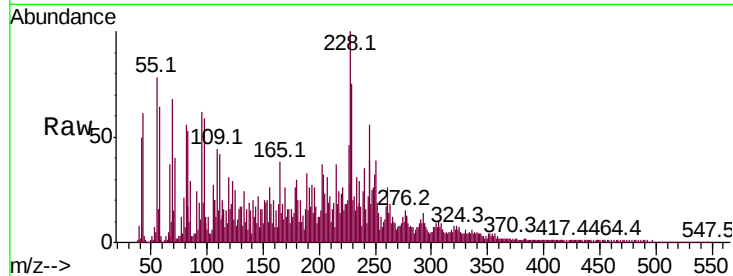
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampled :
C0AE0

Tot Ion	Ratio	Lower	Upper
228	100		
229	75.2	15.8	23.8#
226	45.6	21.7	32.5#

Manual Integrations
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mohammad
12/14/2020 2:45:40 PM



#85

Chrysene

Concen: 8.489 ng/u1 m

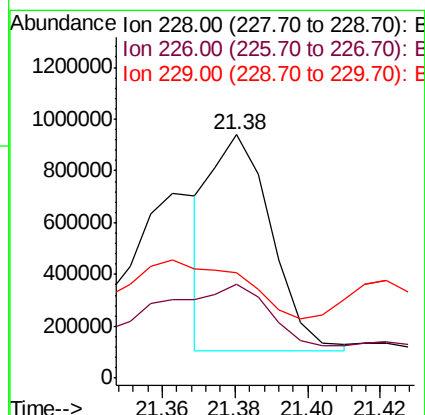
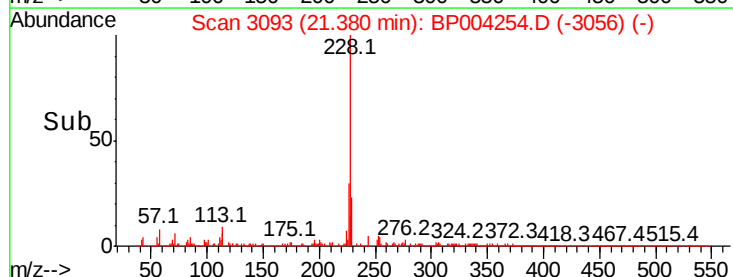
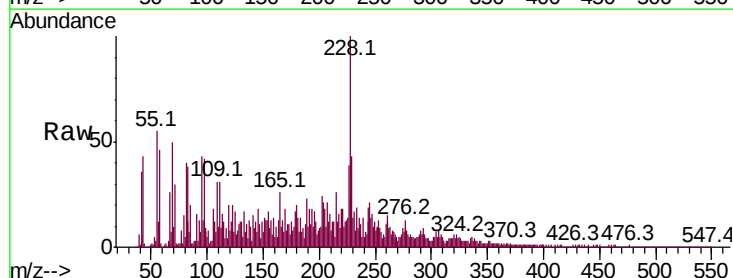
RT: 21.38 min Scan# 3093

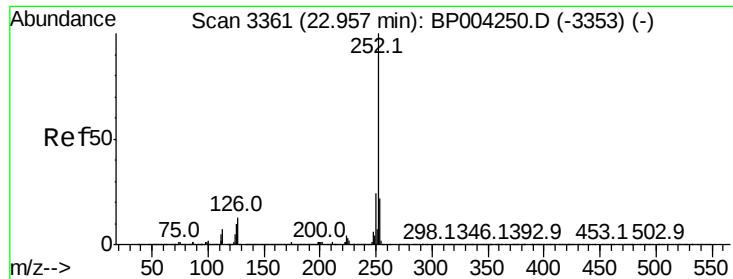
Delta R.T. 0.02 min

Lab File: BP004254.D

Acq: 12 Dec 2020 12:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.6	24.2	36.2#
229	43.5	15.8	23.8#





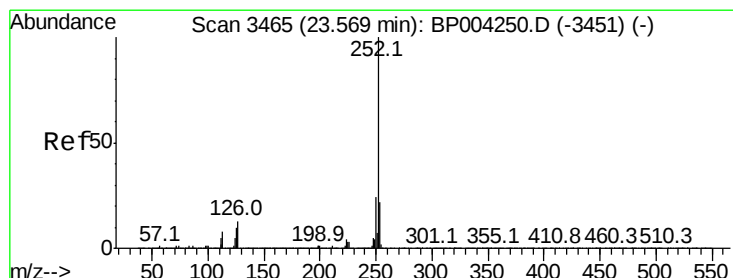
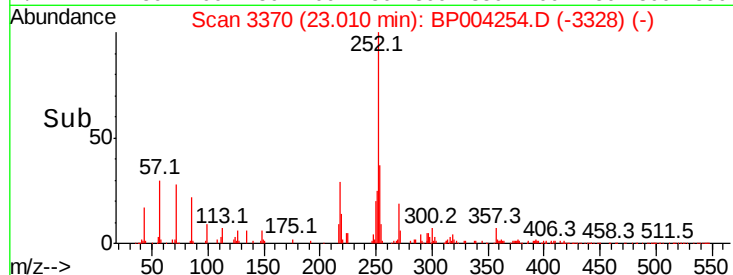
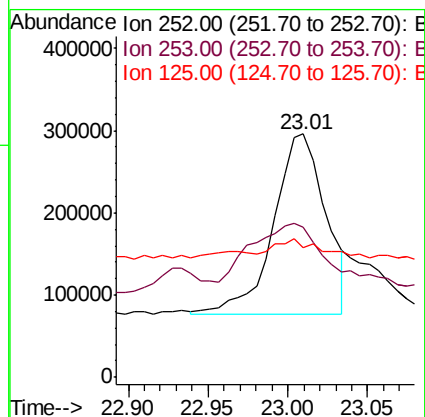
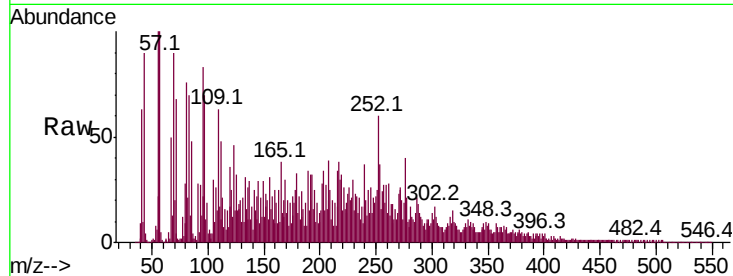
#88
Benzo(b)fluoranthene
Concen: 3.678 ng/ul m
RT: 23.01 min Scan# 3370
Delta R.T. 0.05 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampled :
C0AE0

Tot Ion	Ratio	Lower	Upper
252	100		
253	61.9	17.6	26.4#
125	53.3	7.7	11.5#

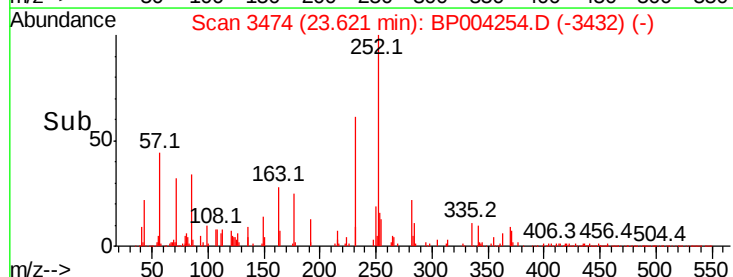
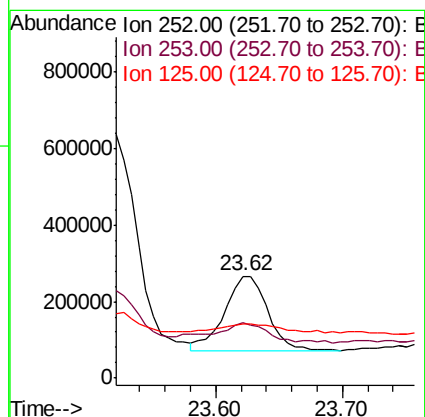
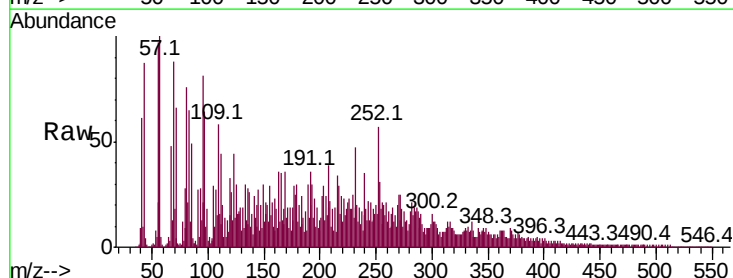
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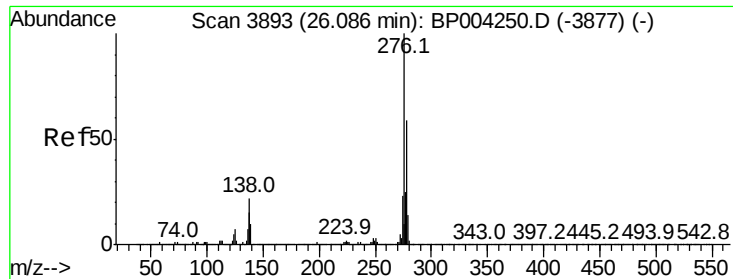
mohammad
12/14/2020 2:45:40 PM



#91
Benzo(a)pyrene
Concen: 3.684 ng/ul
RT: 23.62 min Scan# 3474
Delta R.T. 0.05 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	54.6	17.3	25.9#
125	53.5	7.8	11.6#





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.429 ng/ul

RT: 26.16 min Scan# 3906

Delta R.T. 0.08 min

Lab File: BP004254.D

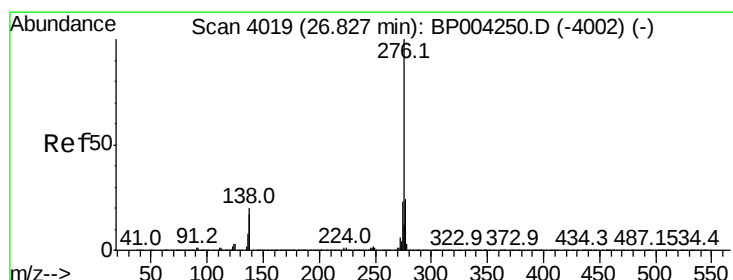
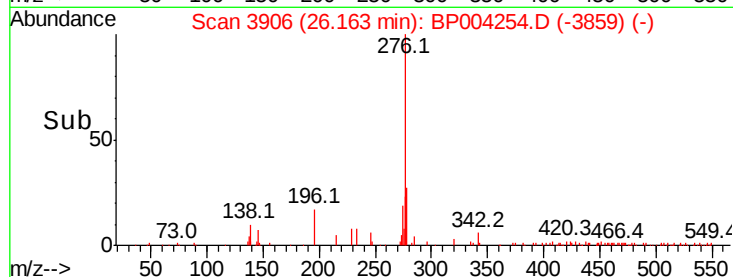
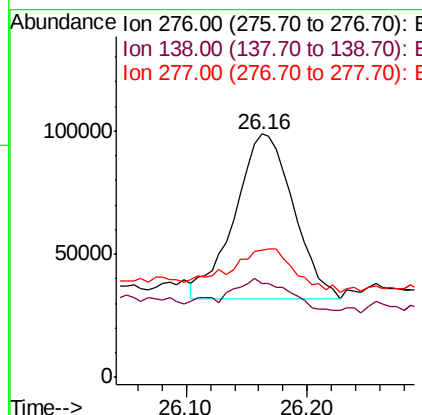
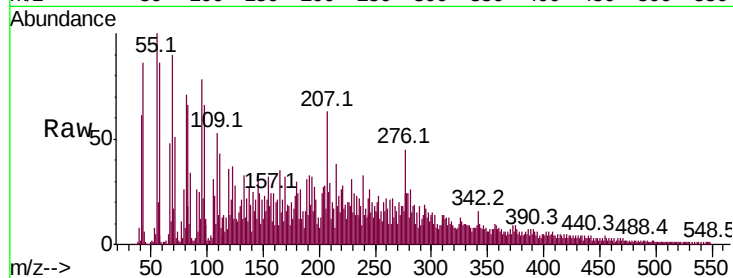
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampled :
C0AE0

Tot Ion	Ratio	Lower	Upper
276	100		
138	38.8	17.8	26.6#
277	52.4	19.8	29.6#

Manual Integrations
APPROVED

mohammad
12/14/2020 2:45:40 PM



#94

Benzo(g,h,i)perylene

Concen: 2.597 ng/ul

RT: 26.92 min Scan# 4034

Delta R.T. 0.09 min

Lab File: BP004254.D

Acq: 12 Dec 2020 12:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.4	16.6	25.0#
277	41.0	18.5	27.7#

