

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
 Data File : BP004255.D
 Acq On : 12 Dec 2020 12:53
 Operator : CG/JU
 Sample : L5063-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AD5

Manual Integrations
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Quant Time: Dec 14 14:30:13 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	305987	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1165592	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	698035	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	1420131	20.00	ng/ul	0.02
78) Chrysene-d12	21.35	240	1476019	20.00	ng/ul	0.03
86) Perylene-d12	23.75	264	1797947	20.00	ng/ul	0.08

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	22203	2.55	ng/uL	0.00
5) Phenol-d5	6.99	99	520039	20.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	297736	18.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	428679	22.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	387344	20.25	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	220595	23.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	229756	29.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	420523	24.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	713510	33.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1128805	21.16	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1580443	23.21	ng/ul	0.01
52) 4-Nitrophenol-d4	14.68	143	302378m	33.56	ng/ul	0.02
58) Fluorene-d10	15.49	176	1056244	21.86	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.60	200	50845	7.46	ng/ul	0.02
71) Anthracene-d10	17.35	188	1638425	23.67	ng/ul	0.02
79) Pyrene-d10	19.59	212	1907770	24.81	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.59	264	2194363	23.17	ng/ul	0.07

Target Compounds

					Ovalue	
6) Phenol	7.02	94	41792	1.581	ng/ul	94
24) 2,4-Dimethylphenol	9.85	107	35955m	1.770	ng/ul	
28) Naphthalene	10.68	128	828648	12.540	ng/ul#	93
34) 2-Methylnaphthalene	12.30	142	2611750	58.747	ng/ul	97
41) 1,1'-Biphenyl	13.31	154	468714	8.007	ng/ul	98
45) Dimethylphthalate	13.93	163	142166	2.616	ng/ul#	68
48) Acenaphthylene	14.21	152	255796m	3.785	ng/ul	
50) Acenaphthene	14.55	153	582834m	12.182	ng/ul	
54) Dibenzofuran	14.89	168	494505m	7.335	ng/ul	
59) Fluorene	15.54	166	679503	12.602	ng/ul#	83
70) Phenanthrene	17.29	178	7664005	91.476	ng/ul	95
72) Anthracene	17.38	178	943772m	11.386	ng/ul	
77) Fluoranthene	19.27	202	1607895	17.973	ng/ul#	95
80) Pyrene	19.62	202	8007243	80.422	ng/ul#	94
83) Benzo(a)anthracene	21.33	228	925913	9.517	ng/ul#	25
84) Bis(2-ethylhexyl)phthalate	21.26	149	76409	1.717	ng/ul#	1
85) Chrysene	21.39	228	1259943m	13.201	ng/ul	
88) Benzo(b)fluoranthene	23.02	252	785874m	6.892	ng/ul	
89) Benzo(k)fluoranthene	23.07	252	173936m	1.485	ng/ul	
91) Benzo(a)pyrene	23.64	252	616096	5.790	ng/ul#	19
92) Indeno(1,2,3-cd)pyrene	26.19	276	323252	2.423	ng/ul#	58
93) Dibenz(a,h)anthracene	26.20	278	181651	1.624	ng/ul#	1
94) Benzo(g,h,i)perylene	26.95	276	534878	4.778	ng/ul#	73

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ALS Vial : 7 Sample Multiplier: 1

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

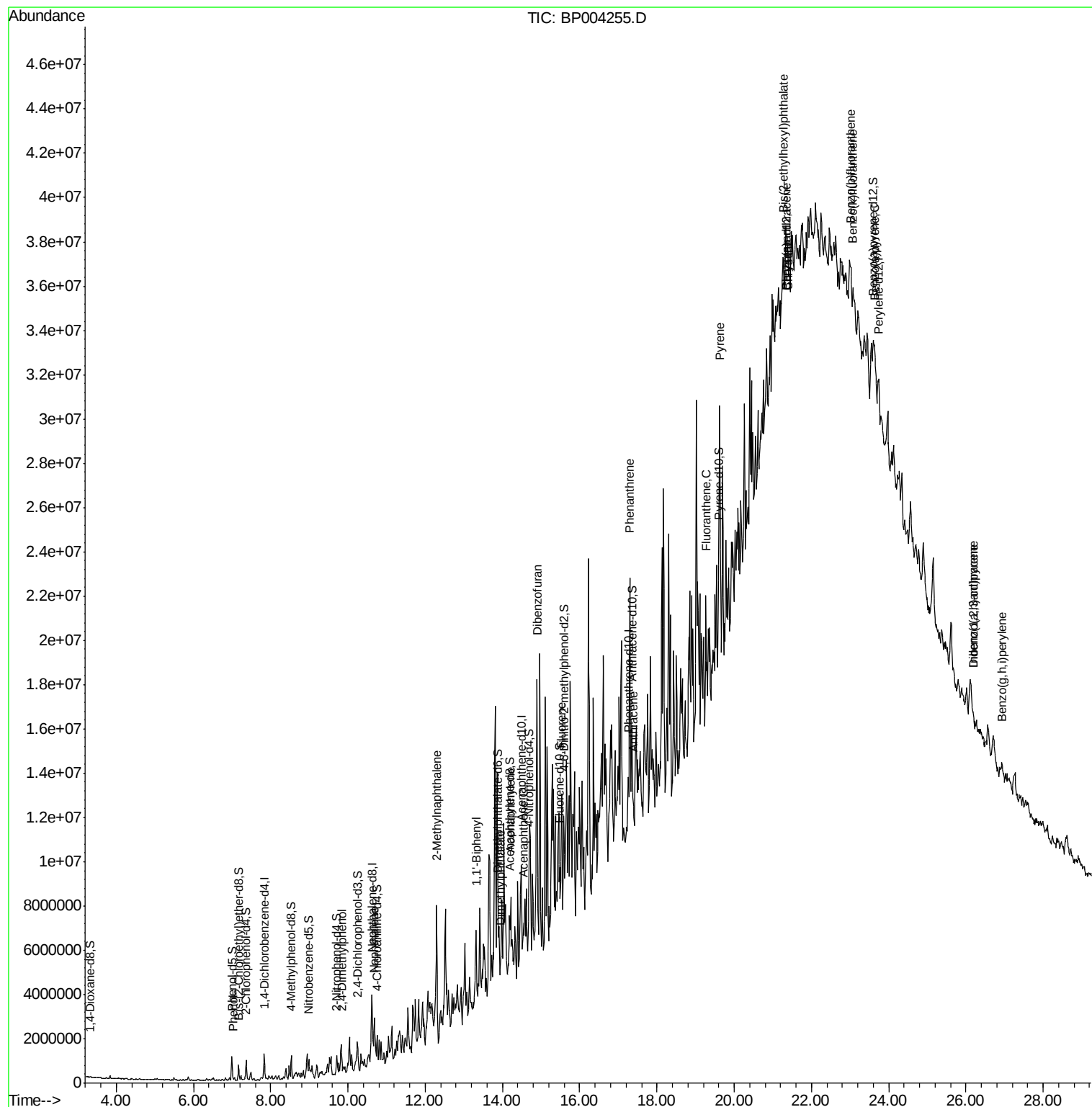
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004255.D
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Operator : CG/JU
Sample : L5063-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

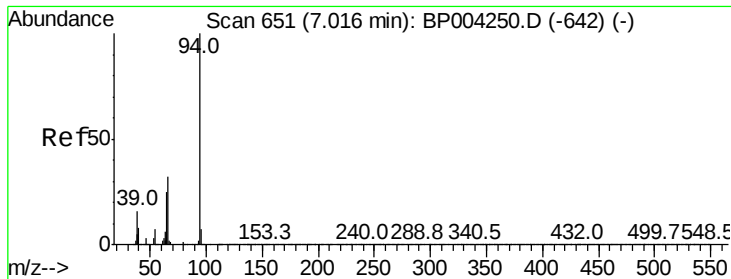
Instrument :
BNA_P
ClientSampled :
C0AD5

Quant Time: Dec 14 14:30:13 2020
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#6

Phenol

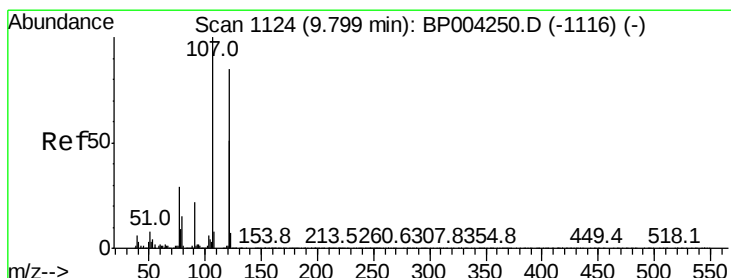
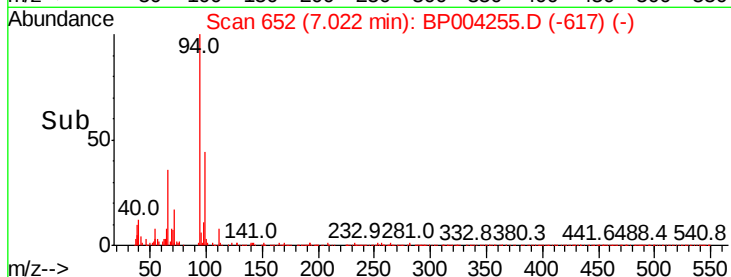
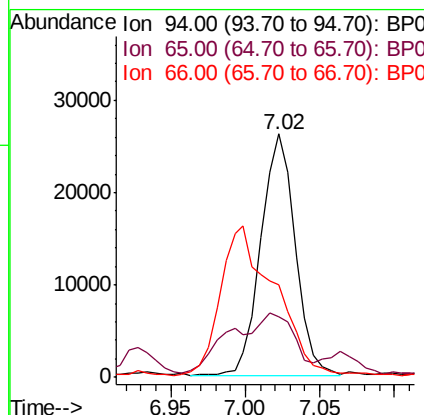
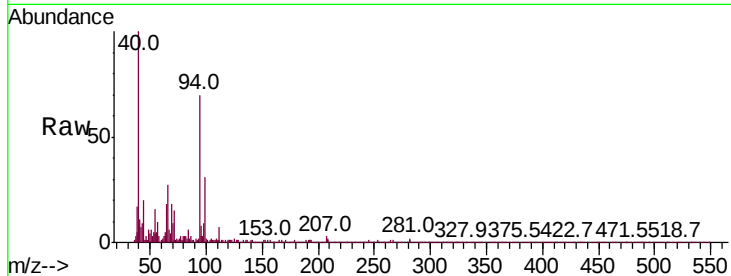
Concen: 1.581 ng/ul
RT: 7.02 min Scan# 652
Delta R.T. 0.01 min
Lab File: BP004255.D
Acq: 12 Dec 2020 12:53

Instrument :
BNA_P
ClientSampleId :
C0AD5

Tot Ion	Ratio	Lower	Upper
94	100		
65	25.1	20.8	31.2
66	38.0	26.5	39.7

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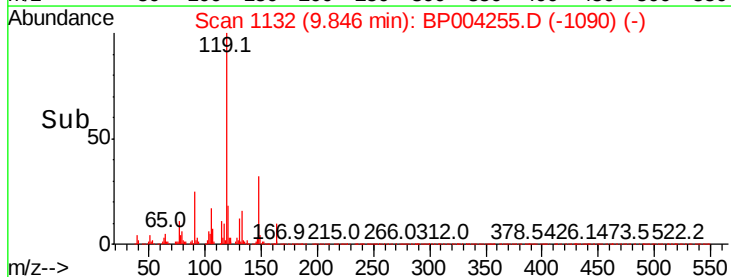
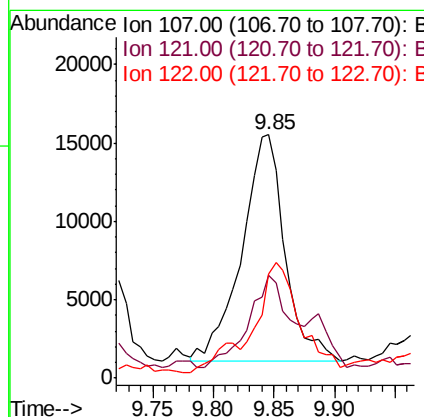
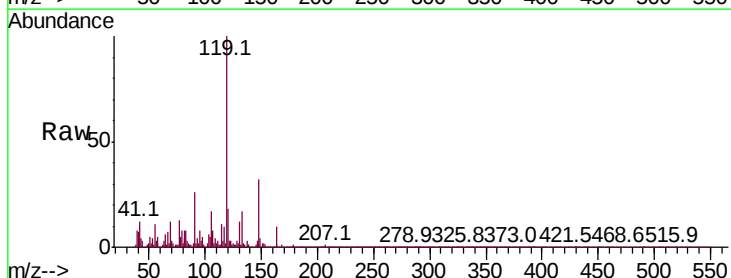


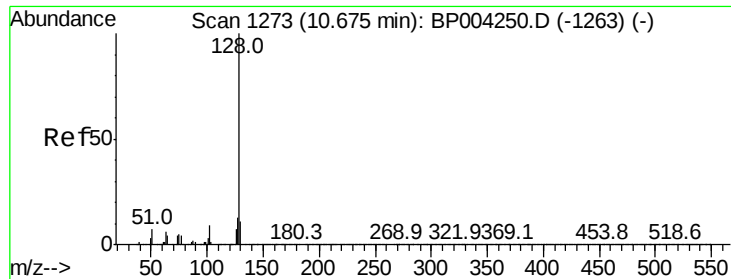
#24

2,4-Dimethylphenol

Concen: 1.770 ng/ul m
RT: 9.85 min Scan# 1132
Delta R.T. 0.05 min
Lab File: BP004255.D
Acq: 12 Dec 2020 12:53

Tgt Ion	Ratio	Lower	Upper
107	100		
121	42.4	41.2	61.8
122	42.5	69.3	103.9#





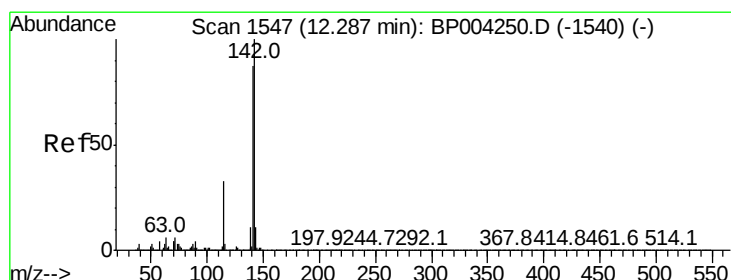
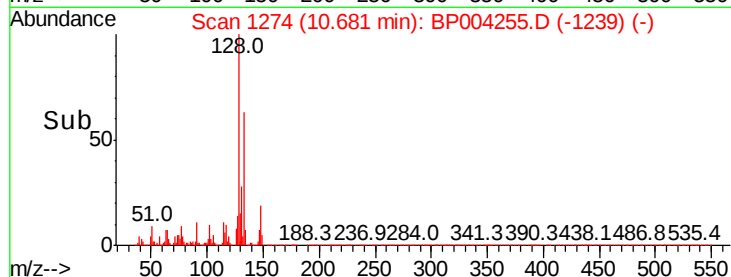
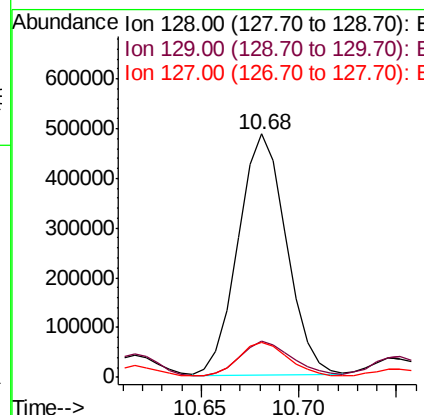
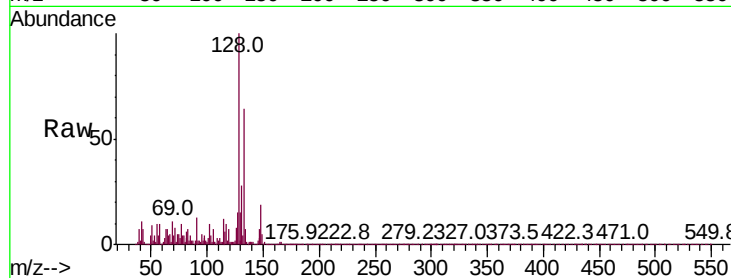
#28
Naphthalene
Concen: 12.540 ng/ul
RT: 10.68 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BP004255.D
Acq: 12 Dec 2020 12:53

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
129	15.1	8.8	13.2#
127	14.6	10.6	16.0

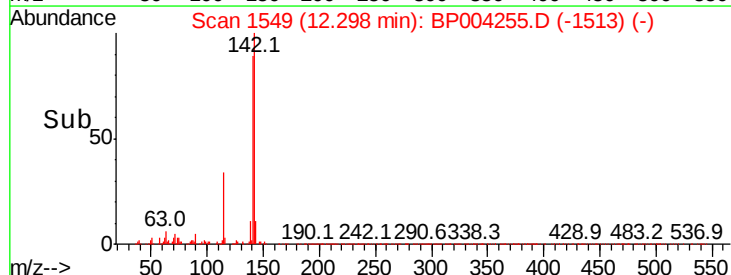
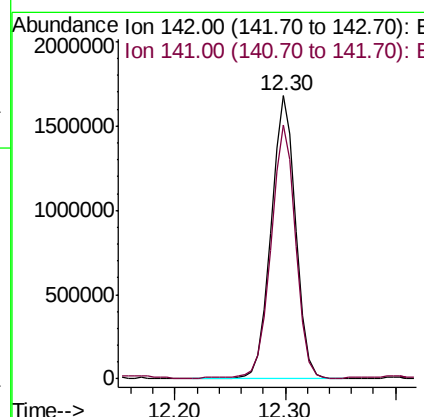
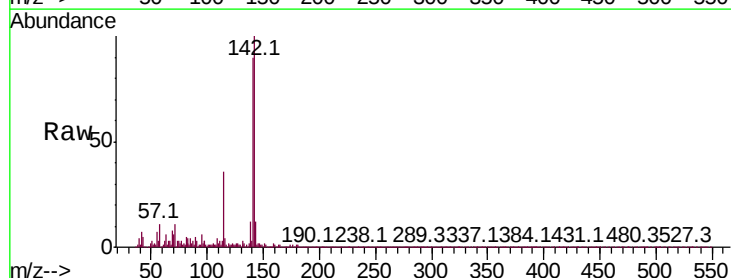
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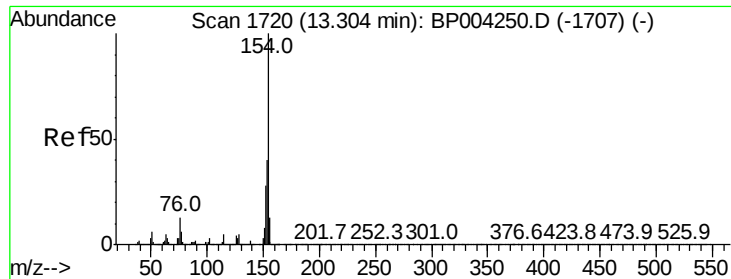
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#34
2-Methylnaphthalene
Concen: 58.747 ng/ul
RT: 12.30 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BP004255.D
Acq: 12 Dec 2020 12:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	69.7	104.5





#41

1,1'-Biphenyl

Concen: 8.007 ng/ul

RT: 13.31 min Scan# 1721

Delta R.T. 0.01 min

Lab File: BP004255.D

Acq: 12 Dec 2020 12:53

Instrument :

BNA_P

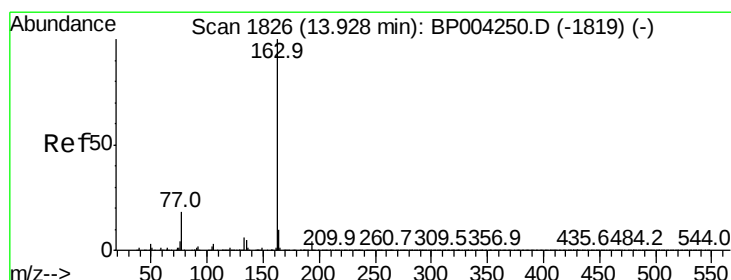
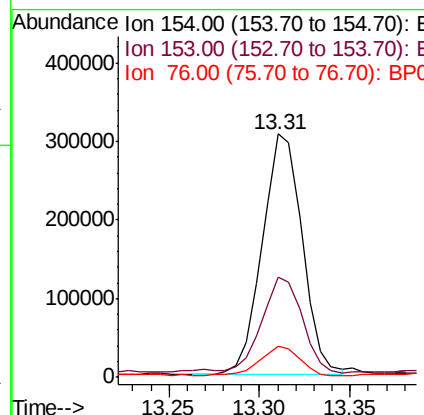
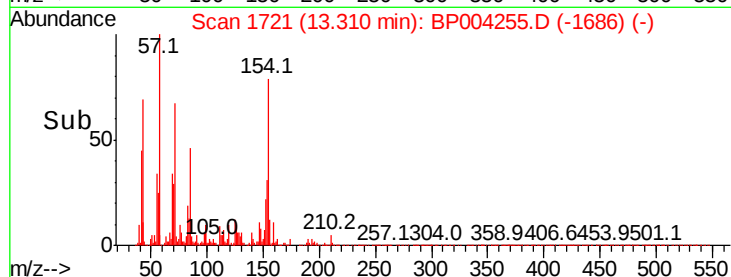
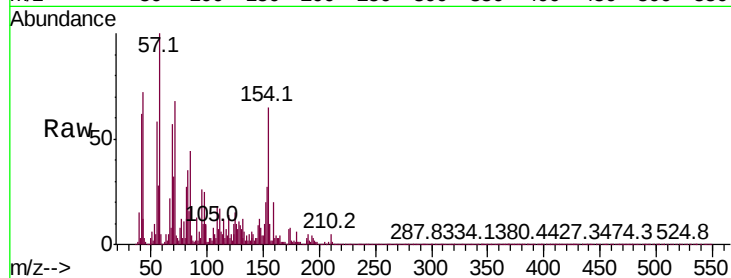
ClientSampleId :

C0AD5

Tot Ion:	154	Resp:	468714
Ion Ratio	Lower	Upper	
154	100		
153	41.0	32.2	48.2
76	12.8	11.0	16.6

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#45

Dimethylphthalate

Concen: 2.616 ng/ul

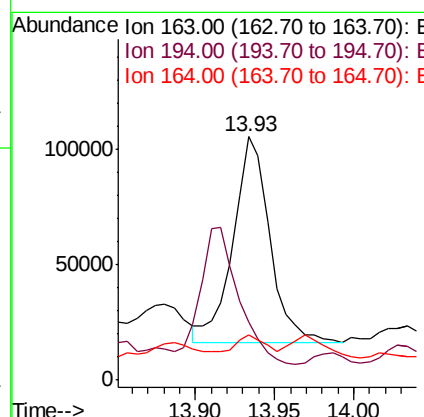
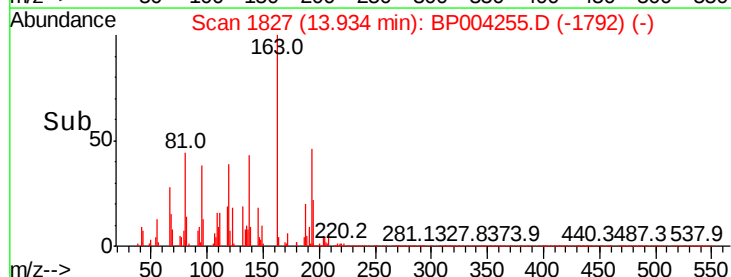
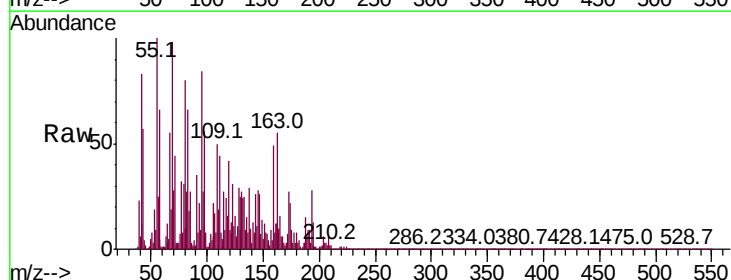
RT: 13.93 min Scan# 1827

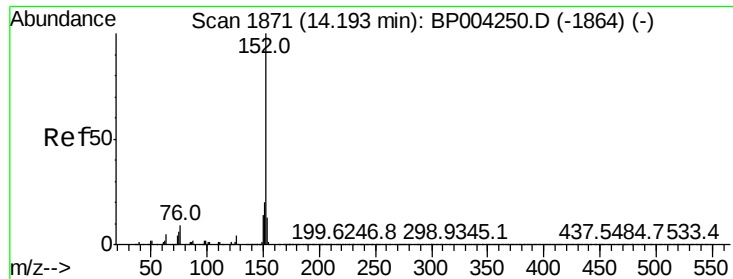
Delta R.T. 0.01 min

Lab File: BP004255.D

Acq: 12 Dec 2020 12:53

Tgt Ion:	163	Resp:	142166
Ion Ratio	Lower	Upper	
163	100		
194	23.6	3.4	5.2#
164	18.4	8.4	12.6#





#48

Acenaphthylene

Concen: 3.785 ng/ul m

RT: 14.21 min Scan# 1874

Delta R.T. 0.02 min

Lab File: BP004255.D

Acq: 12 Dec 2020 12:53

Instrument :

BNA_P

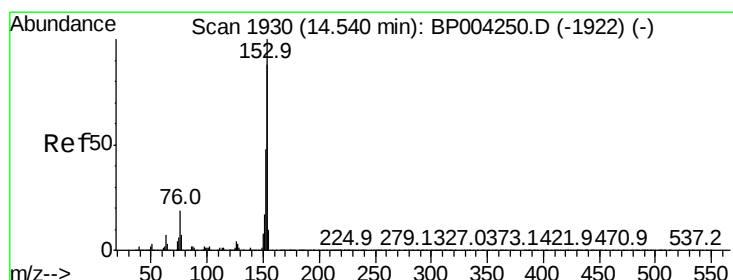
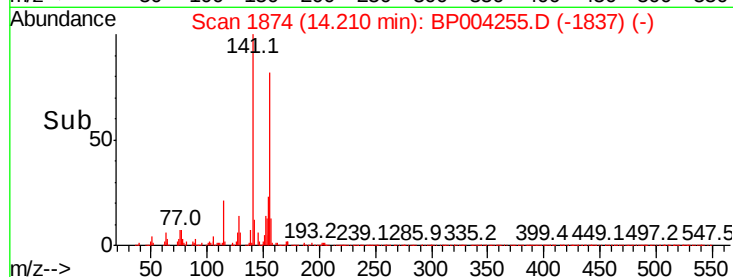
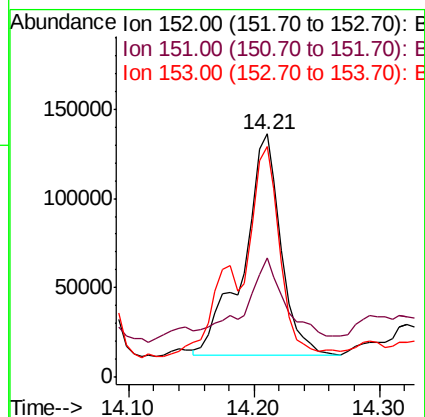
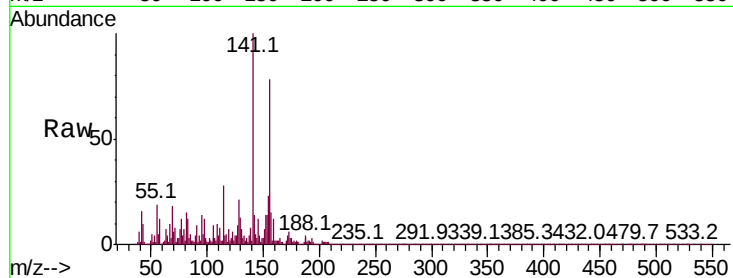
ClientSampleId :

C0AD5

Tot Ion	Ratio	Resp	Lower	Upper
152	100	255796		
151	48.9	15.8	23.8#	
153	94.6	10.6	16.0#	

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#50

Acenaphthene

Concen: 12.182 ng/ul m

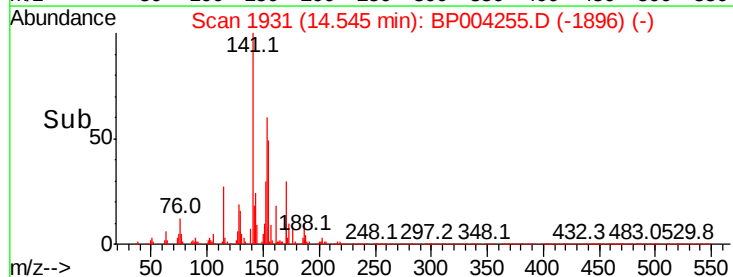
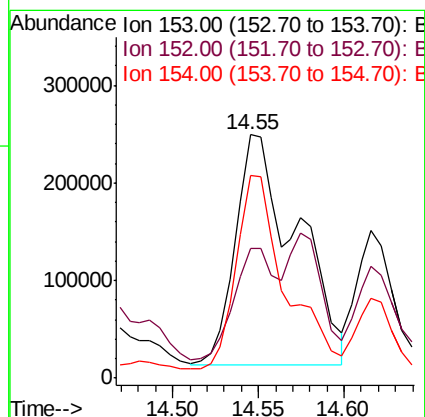
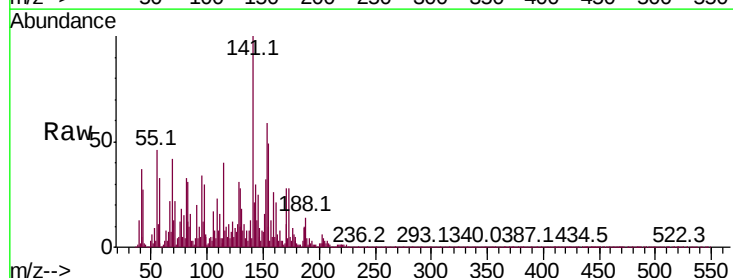
RT: 14.55 min Scan# 1931

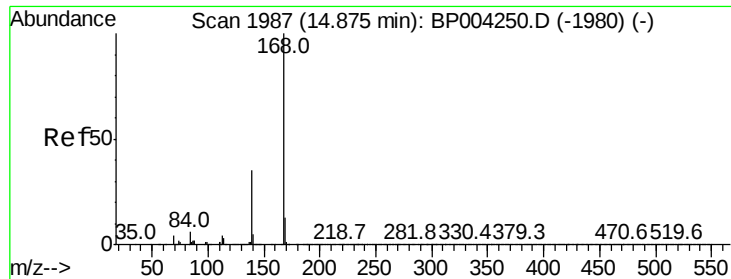
Delta R.T. 0.01 min

Lab File: BP004255.D

Acq: 12 Dec 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	582834		
152	53.1	37.8	56.6	
154	83.2	69.8	104.8	





#54

Dibenzenofuran

Concen: 7.335 ng/ul m

RT: 14.89 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BP004255.D

Acq: 12 Dec 2020 12:53

Instrument :

BNA_P

ClientSampleId :

C0AD5

Tot Ion:168 Resp: 494505

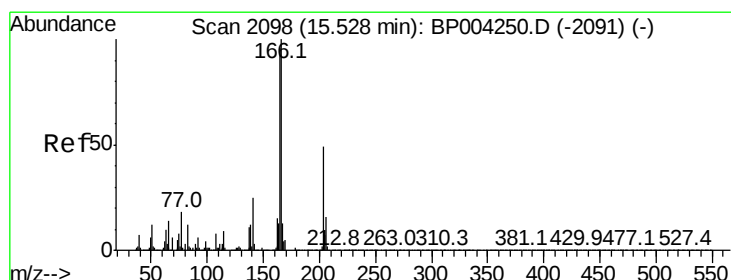
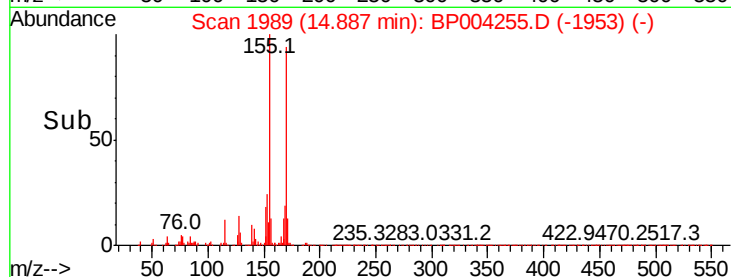
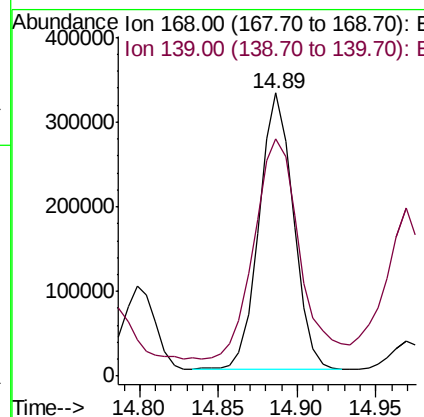
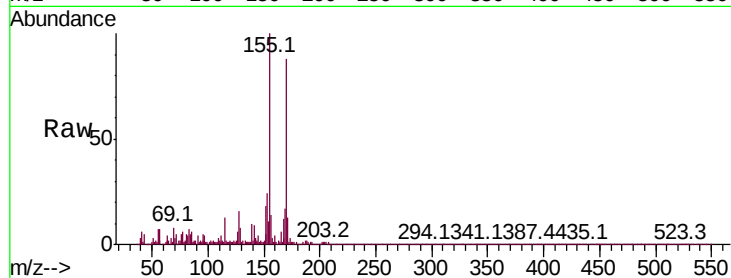
Ion Ratio Lower Upper

168 100

139 83.8 29.0 43.6#

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#59

Fluorene

Concen: 12.602 ng/ul

RT: 15.54 min Scan# 2100

Delta R.T. 0.01 min

Lab File: BP004255.D

Acq: 12 Dec 2020 12:53

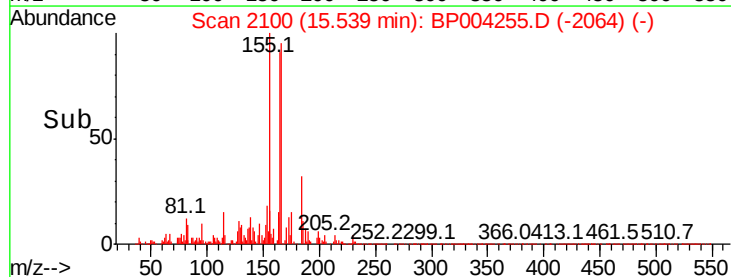
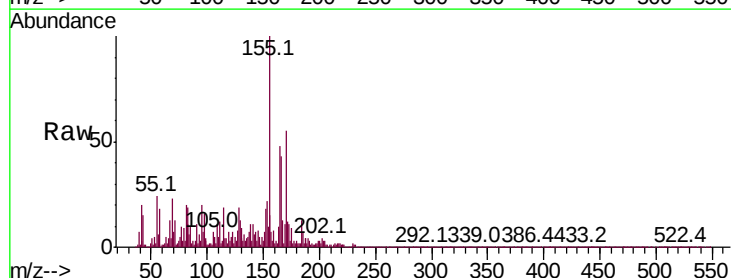
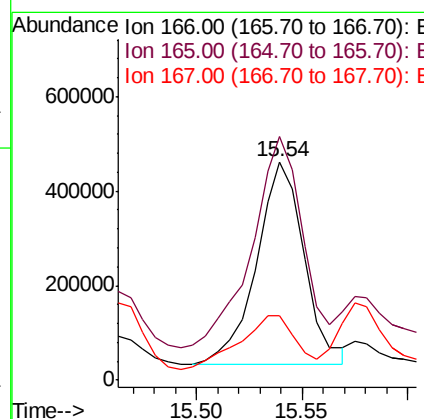
Tgt Ion:166 Resp: 679503

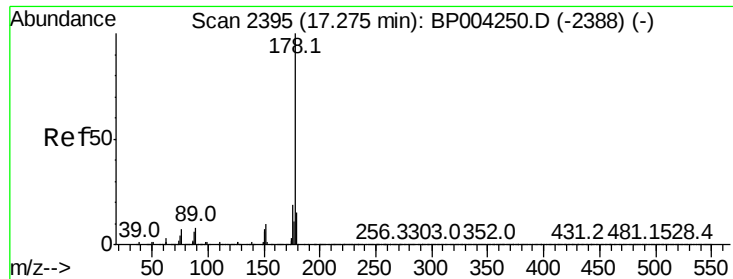
Ion Ratio Lower Upper

166 100

165 111.7 78.2 117.2

167 29.3 10.8 16.2#





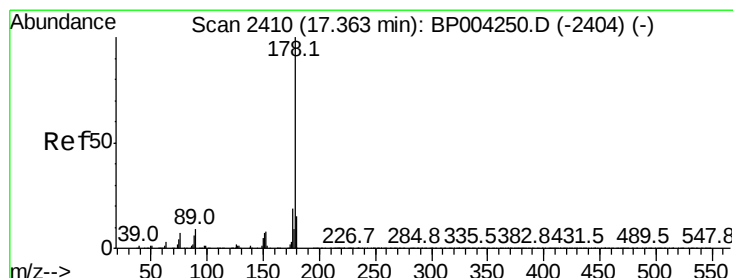
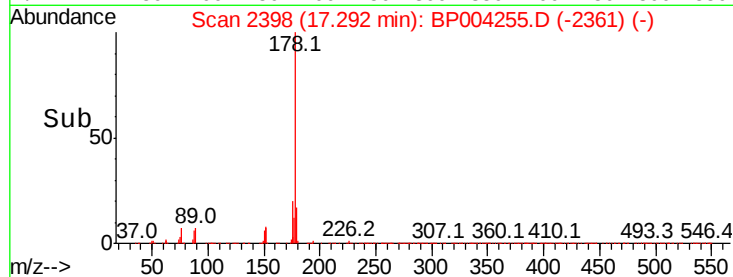
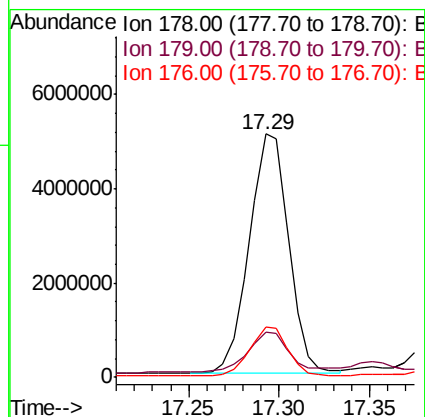
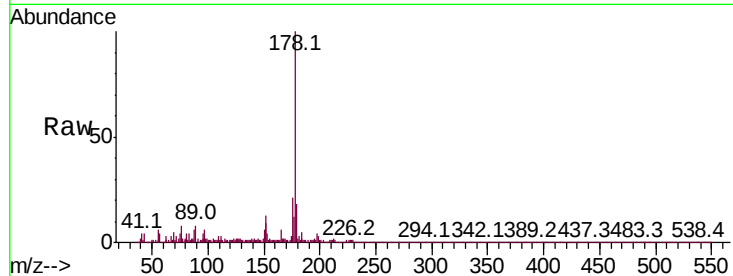
#70
Phenanthrene
Concen: 91.476 ng/ul
RT: 17.29 min Scan# 2398
Delta R.T. 0.02 min
Lab File: BP004255.D
Acq: 12 Dec 2020 12:53

Instrument :
BNA_P
ClientSampleId :
C0AD5

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.5	12.4	18.6
176	20.6	15.4	23.0

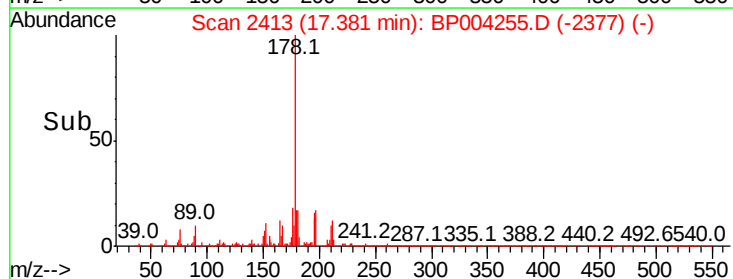
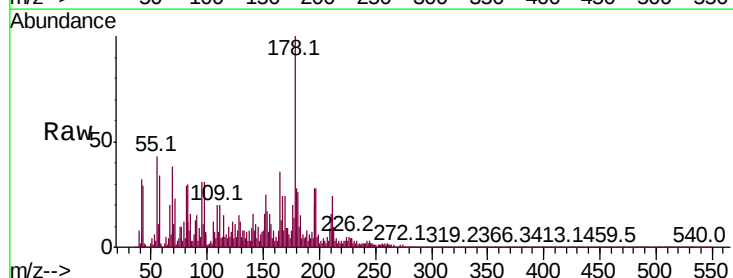
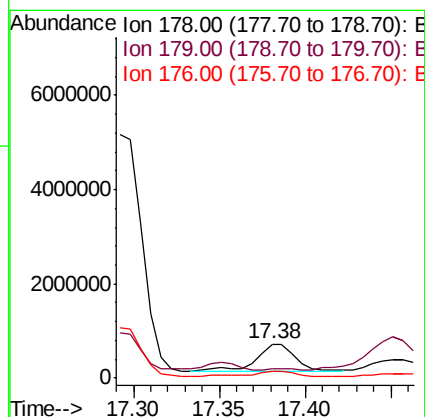
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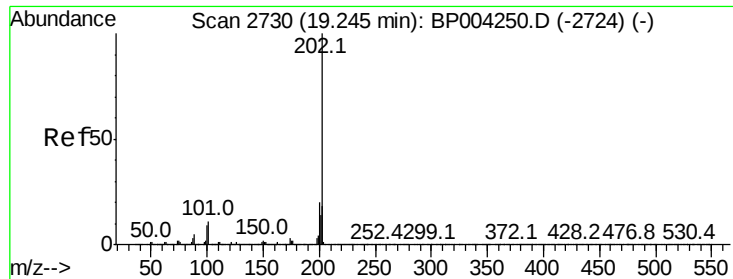
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#72
Anthracene
Concen: 11.386 ng/ul m
RT: 17.38 min Scan# 2413
Delta R.T. 0.01 min
Lab File: BP004255.D
Acq: 12 Dec 2020 12:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	27.9	12.3	18.5#
176	20.5	14.9	22.3





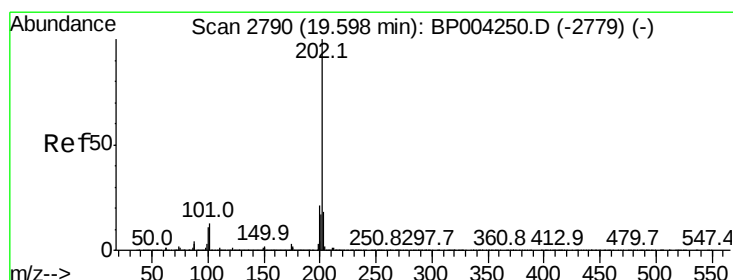
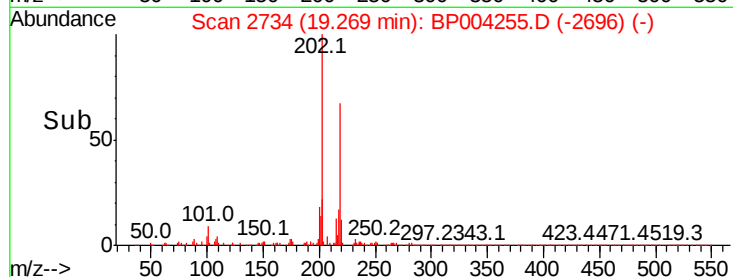
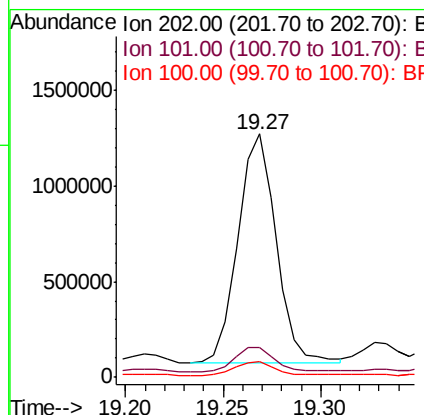
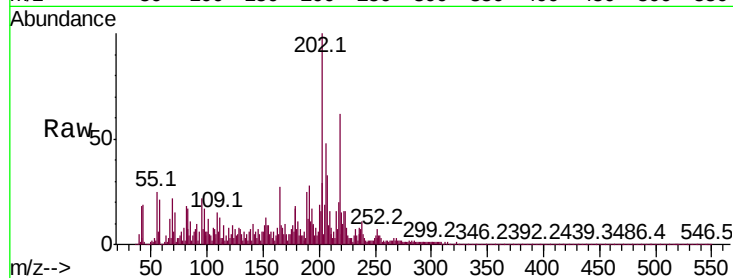
#77
Fluoranthene
Concen: 17.973 ng/ul
RT: 19.27 min Scan# 2734
Delta R.T. 0.02 min
Lab File: BP004255.D
Acq: 12 Dec 2020 12:53

Instrument :
BNA_P
ClientSampleId :
C0AD5

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.1	13.7
100	6.3	7.1	10.7

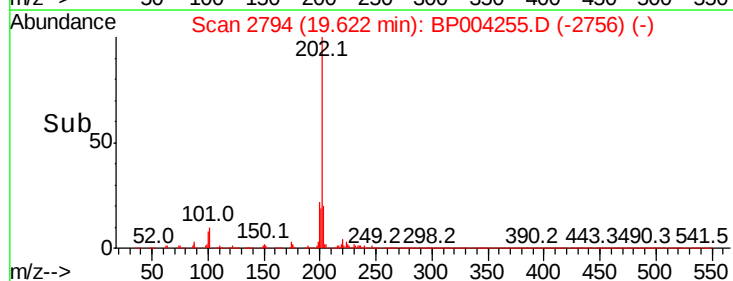
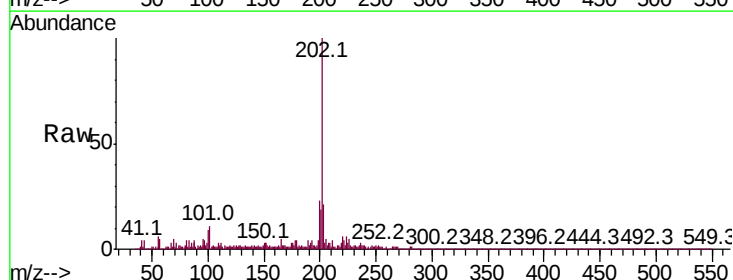
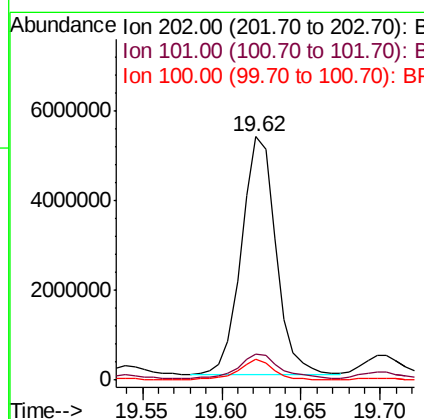
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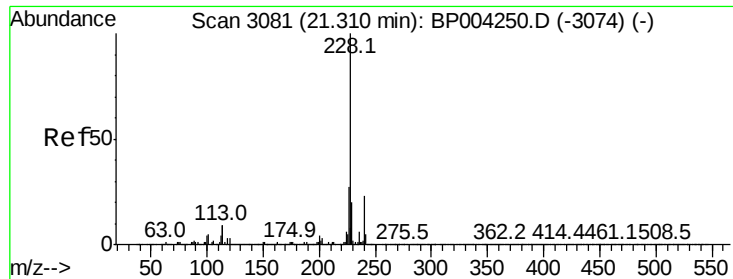
mohammad
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#80
Pyrene
Concen: 80.422 ng/ul
RT: 19.62 min Scan# 2794
Delta R.T. 0.02 min
Lab File: BP004255.D
Acq: 12 Dec 2020 12:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	10.6	15.8
100	8.5	8.6	12.8





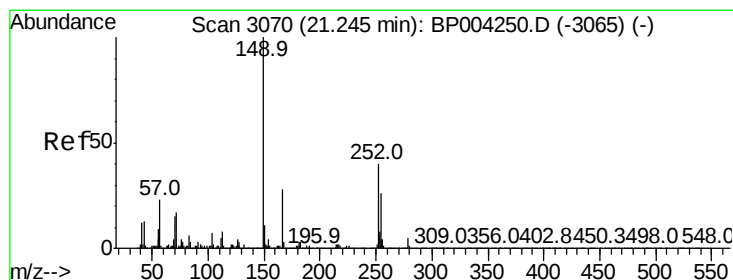
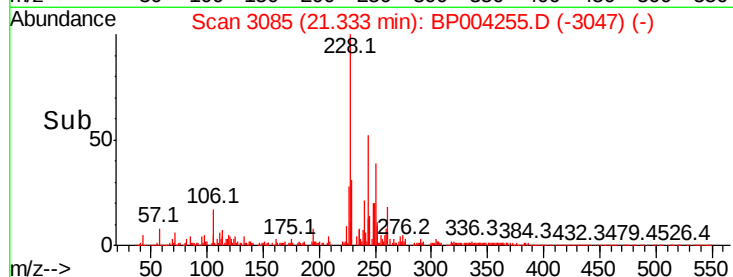
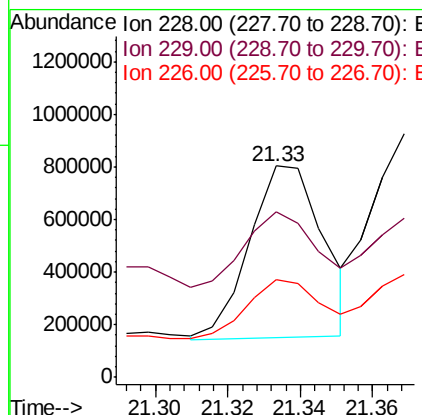
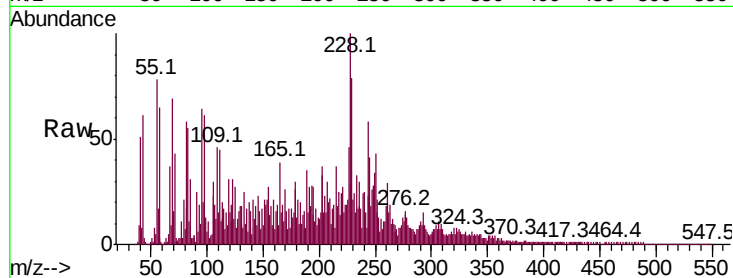
#83
Benzo(a)anthracene
Concen: 9.517 ng/ul
RT: 21.33 min Scan# 3085
Delta R.T. 0.02 min
Lab File: BP004255.D
Acq: 12 Dec 2020 12:53

Instrument :
BNA_P
ClientSampleId :
C0AD5

Tot Ion	Ratio	Lower	Upper
228	100		
229	78.5	15.8	23.8#
226	46.2	21.7	32.5#

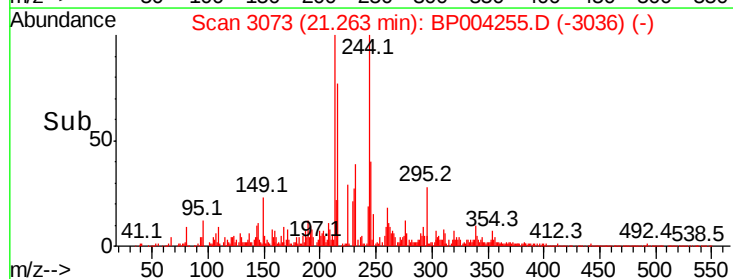
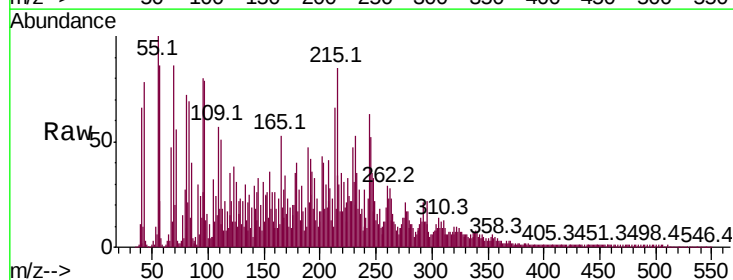
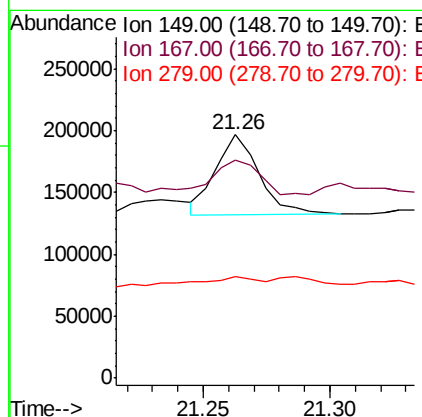
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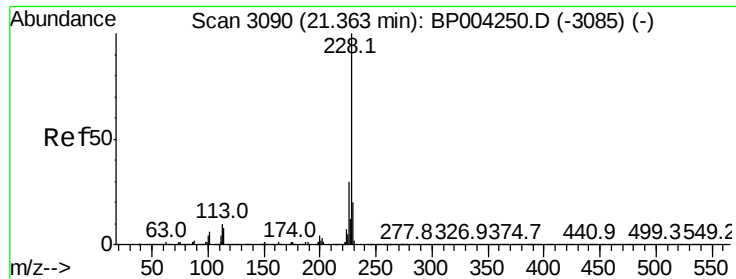
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.717 ng/ul
RT: 21.26 min Scan# 3073
Delta R.T. 0.02 min
Lab File: BP004255.D
Acq: 12 Dec 2020 12:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	89.6	22.2	33.4#
279	41.8	3.6	5.4#





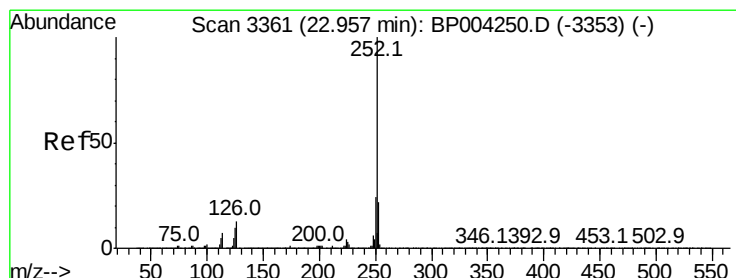
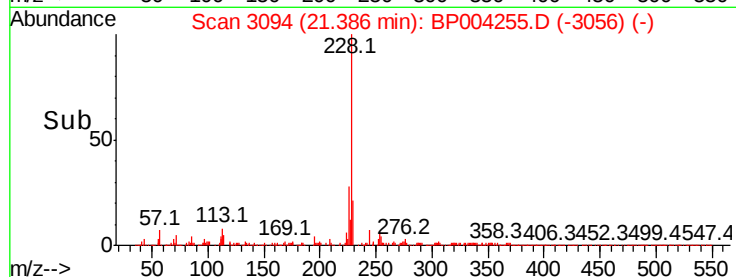
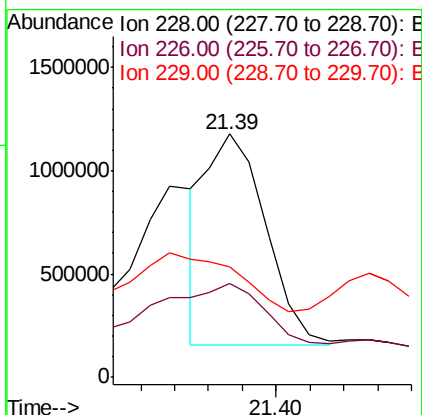
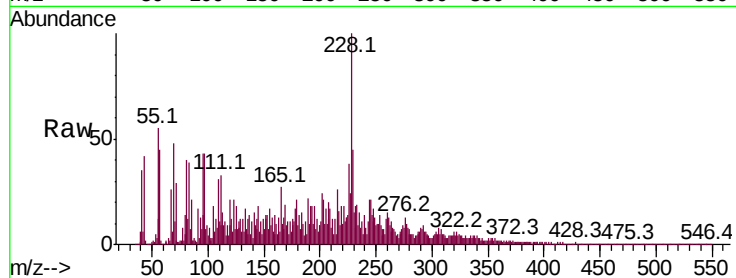
#85
 Chrysene
 Concen: 13.201 ng/ul m
 RT: 21.39 min Scan# 3094
 Delta R.T. 0.02 min
 Lab File: BP004255.D
 Acq: 12 Dec 2020 12:53

Instrument :
 BNA_P
 ClientSampleId :
 C0AD5

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.3	24.2	36.2#
229	45.4	15.8	23.8#

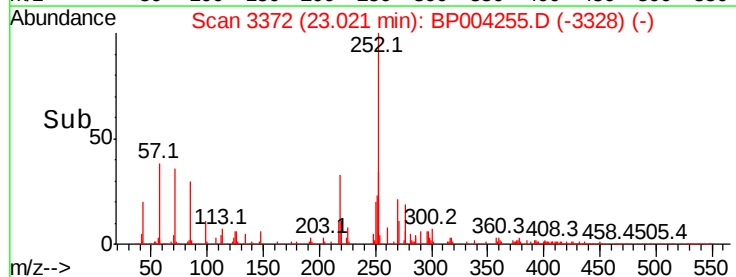
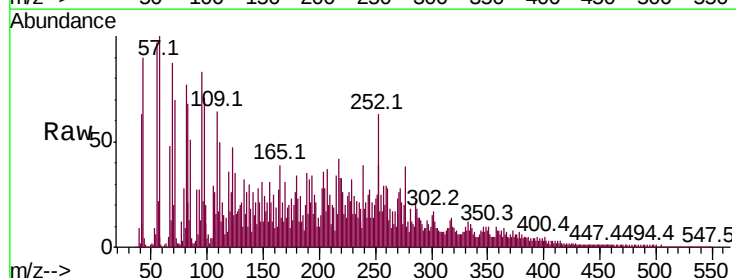
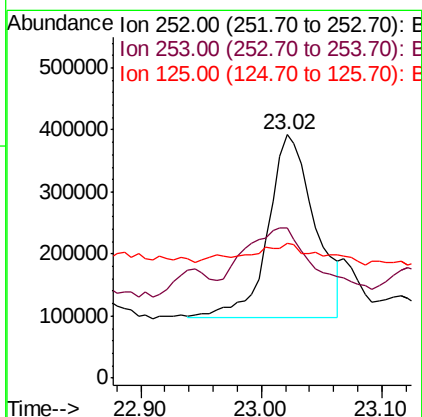
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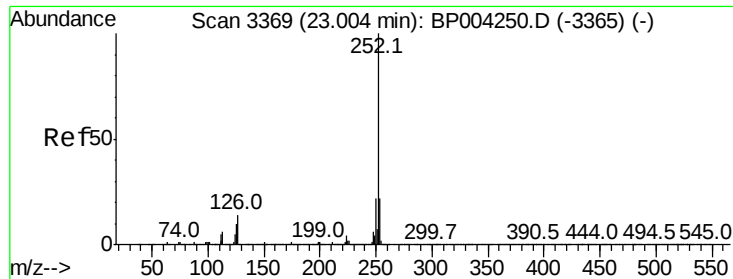
mohammad
 12/14/2020 2:45:44 PM



#88
 Benzo(b)fluoranthene
 Concen: 6.892 ng/ul m
 RT: 23.02 min Scan# 3372
 Delta R.T. 0.06 min
 Lab File: BP004255.D
 Acq: 12 Dec 2020 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	61.8	17.6	26.4#
125	55.2	7.7	11.5#





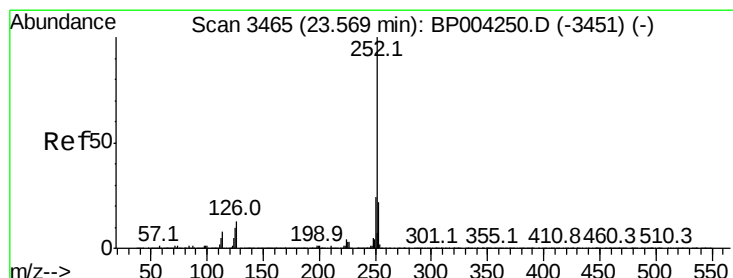
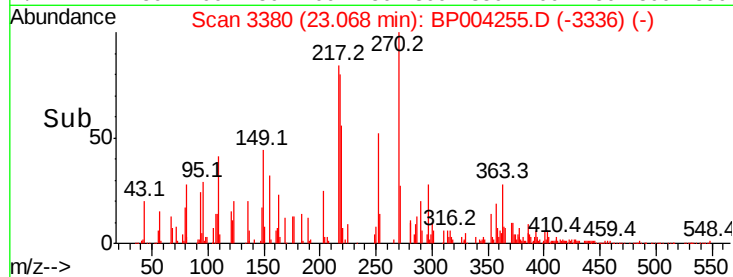
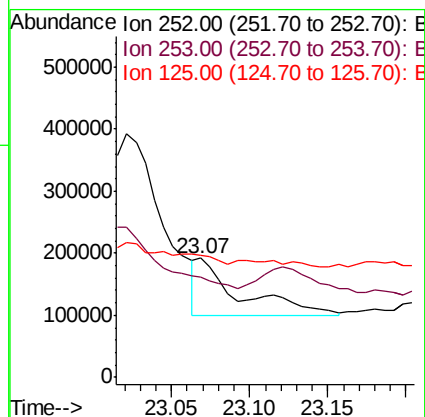
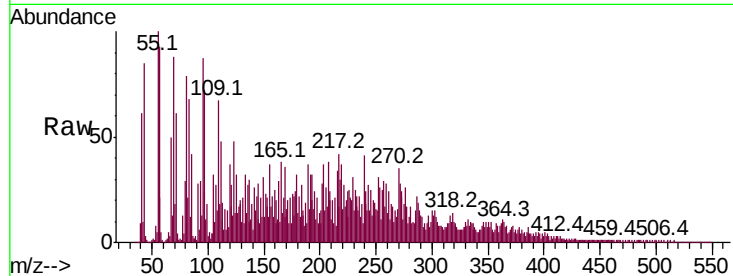
#89
Benzo(k)fluoranthene
Concen: 1.485 ng/ul
RT: 23.07 min Scan# 3380
Delta R.T. 0.06 min
Lab File: BP004255.D
Acq: 12 Dec 2020 12:53

Instrument :
BNA_P
ClientSampleId :
C0AD5

Tot Ion	Ratio	Lower	Upper
252	100		
253	84.4	17.4	26.2#
125	102.4	7.3	10.9#

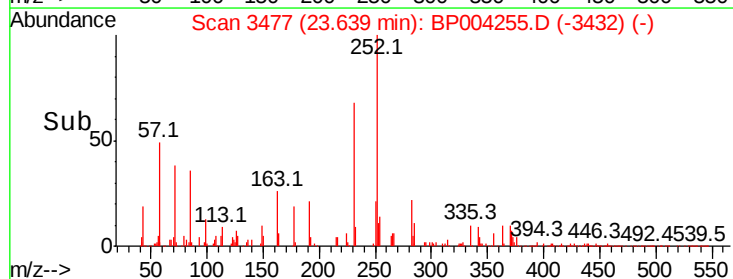
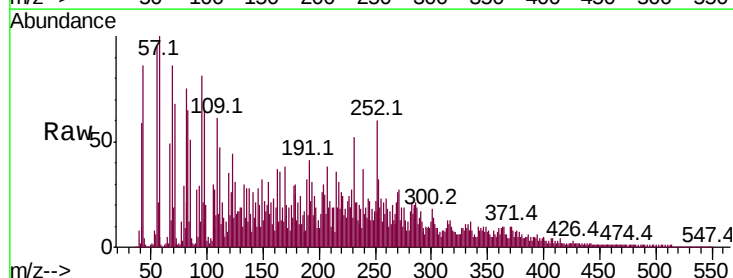
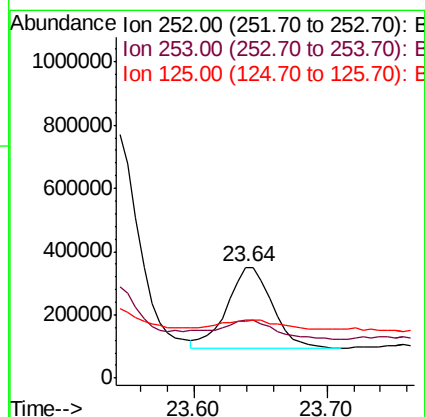
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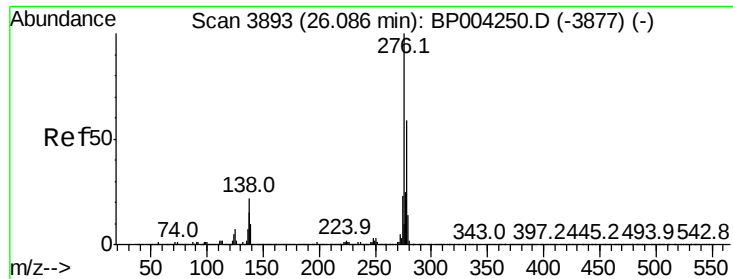
mohammad
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#91
Benzo(a)pyrene
Concen: 5.790 ng/ul
RT: 23.64 min Scan# 3477
Delta R.T. 0.06 min
Lab File: BP004255.D
Acq: 12 Dec 2020 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.6	17.3	25.9#
125	51.7	7.8	11.6#





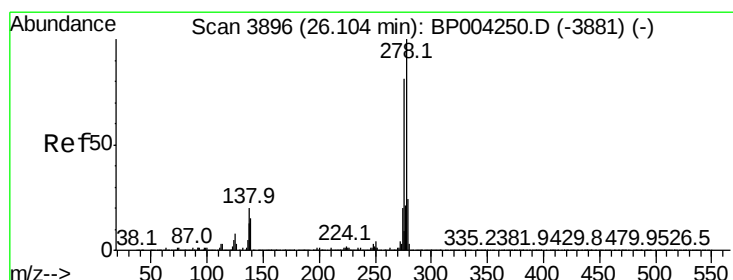
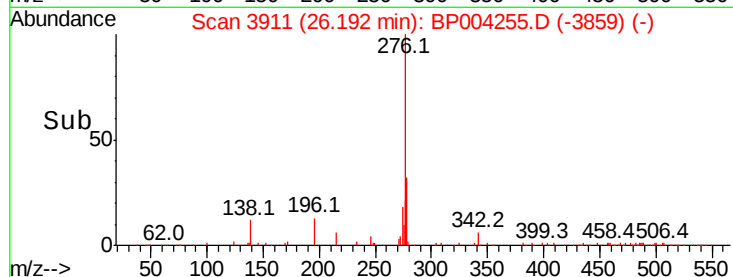
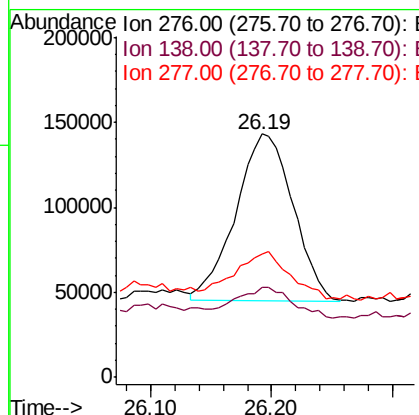
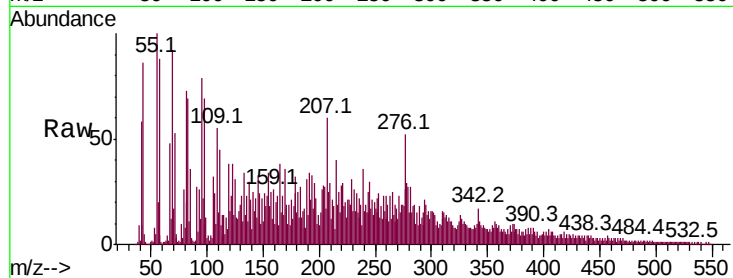
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.423 ng/ul
 RT: 26.19 min Scan# 3911
 Delta R.T. 0.11 min
 Lab File: BP004255.D
 Acq: 12 Dec 2020 12:53

Instrument :
 BNA_P
 ClientSampleId :
 C0AD5

Tot Ion:	276	Resp:	323252
Ion Ratio	Lower	Upper	
276	100		
138	37.0	17.8	26.6#
277	50.8	19.8	29.6#

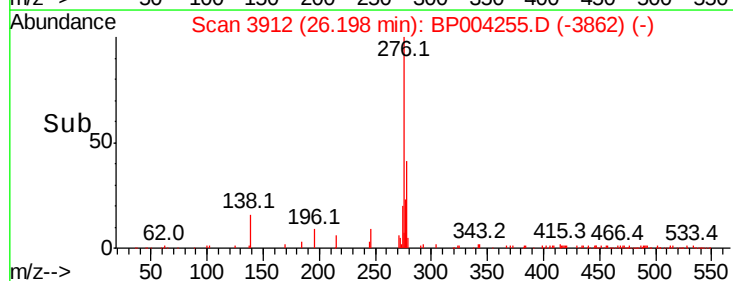
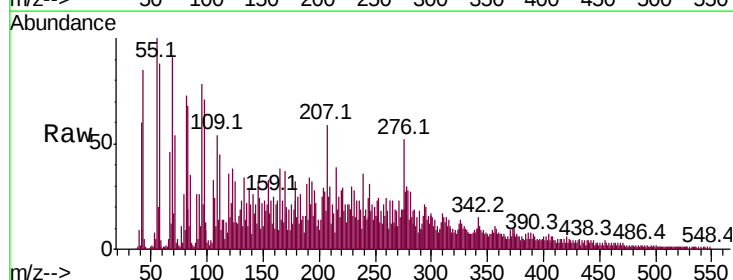
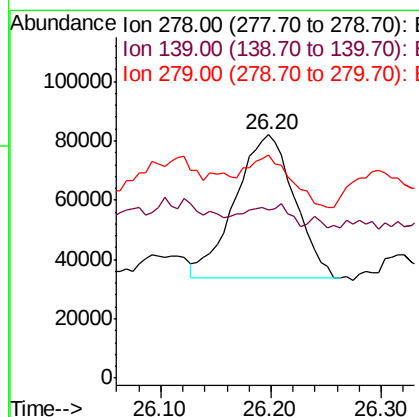
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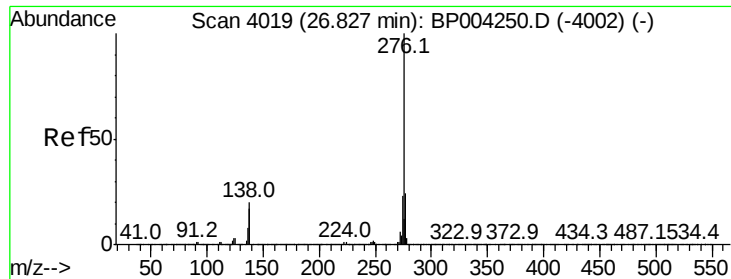
mohammad
 12/14/2020 2:45:44 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.624 ng/ul
 RT: 26.20 min Scan# 3912
 Delta R.T. 0.09 min
 Lab File: BP004255.D
 Acq: 12 Dec 2020 12:53

Tgt Ion:	278	Resp:	181651
Ion Ratio	Lower	Upper	
278	100		
139	69.3	11.9	17.9#
279	91.5	18.6	28.0#





#94

Benzo(a,h,i)perylene

Concen: 4.778 ng/ul

RT: 26.95 min Scan# 4040

Delta R.T. 0.12 min

Lab File: BP004255.D

Acq: 12 Dec 2020 12:53

Instrument :

BNA_P

ClientSampleId :

C0AD5

Tot Ion: 276 Resp: 534878

Ion Ratio Lower Upper

276 100

138 28.3 16.6 25.0#

277 40.8 18.5 27.7#

Manual Integrations

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