

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
 Data File : BP004259.D
 Acq On : 12 Dec 2020 15:09
 Operator : CG/JU
 Sample : L5000-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A1MS

Manual Integrations
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Quant Time: Dec 14 06:11:13 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	294946	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1207446	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	763584	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.24	188	1672996	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1658927	20.00	ng/ul	0.01
86) Perylene-d12	23.70	264	1879405	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	24203	2.88	ng/uL	0.00
5) Phenol-d5	7.00	99	499295	20.46	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	265092	17.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	406484	21.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	385368	20.90	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	196392	19.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	204872	25.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	413666	23.07	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	373052	16.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1224125	20.98	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1598790	21.46	ng/ul	0.01
52) 4-Nitrophenol-d4	14.67	143	188912	19.16	ng/ul	0.02
58) Fluorene-d10	15.48	176	1096827	20.75	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	25155	3.13	ng/ul	0.02
71) Anthracene-d10	17.34	188	1757074	21.55	ng/ul	0.00
79) Pyrene-d10	19.58	212	1987424	23.00	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.54	264	2215192	22.37	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	7.03	94	463410	18.190	ng/ul 99
10) 2-Chlorophenol	7.40	128	351779	18.120	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.63	70	250837	17.763	ng/ul 99
33) 4-Chloro-3-methylphenol	11.91	107	374223	21.872	ng/ul 98
45) Dimethylphthalate	13.93	163	322316	5.422	ng/ul 99
50) Acenaphthene	14.55	153	938906	17.939	ng/ul 98
53) 4-Nitrophenol	14.69	109	131899	18.131	ng/ul 94
55) 2,4-Dinitrotoluene	14.85	165	282839	18.005	ng/ul 99
69) Pentachlorophenol	16.89	266	221972	20.688	ng/ul 98
70) Phenanthrene	17.29	178	1719452	17.421	ng/ul 100
72) Anthracene	17.37	178	206123	2.111	ng/ul 98
75) Carbazole	17.65	167	231349	2.911	ng/ul 99
77) Fluoranthene	19.26	202	4894005	46.438	ng/ul 97
80) Pyrene	19.61	202	5875347	52.504	ng/ul 98
83) Benzo(a)anthracene	21.32	228	1871470	17.115	ng/ul 96
85) Chrysene	21.37	228	2563837	23.900	ng/ul 97
88) Benzo(b)fluoranthene	22.98	252	3999867	33.560	ng/ul 98
89) Benzo(k)fluoranthene	23.02	252	1072354m	8.761	ng/ul
91) Benzo(a)pyrene	23.59	252	2347034	21.103	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.12	276	2047121	14.677	ng/ul 95
93) Dibenzo(a,h)anthracene	26.13	278	460965	3.943	ng/ul# 88
94) Benzo(a,h,i)perylene	26.87	276	1711485	14.626	ng/ul 94

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
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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

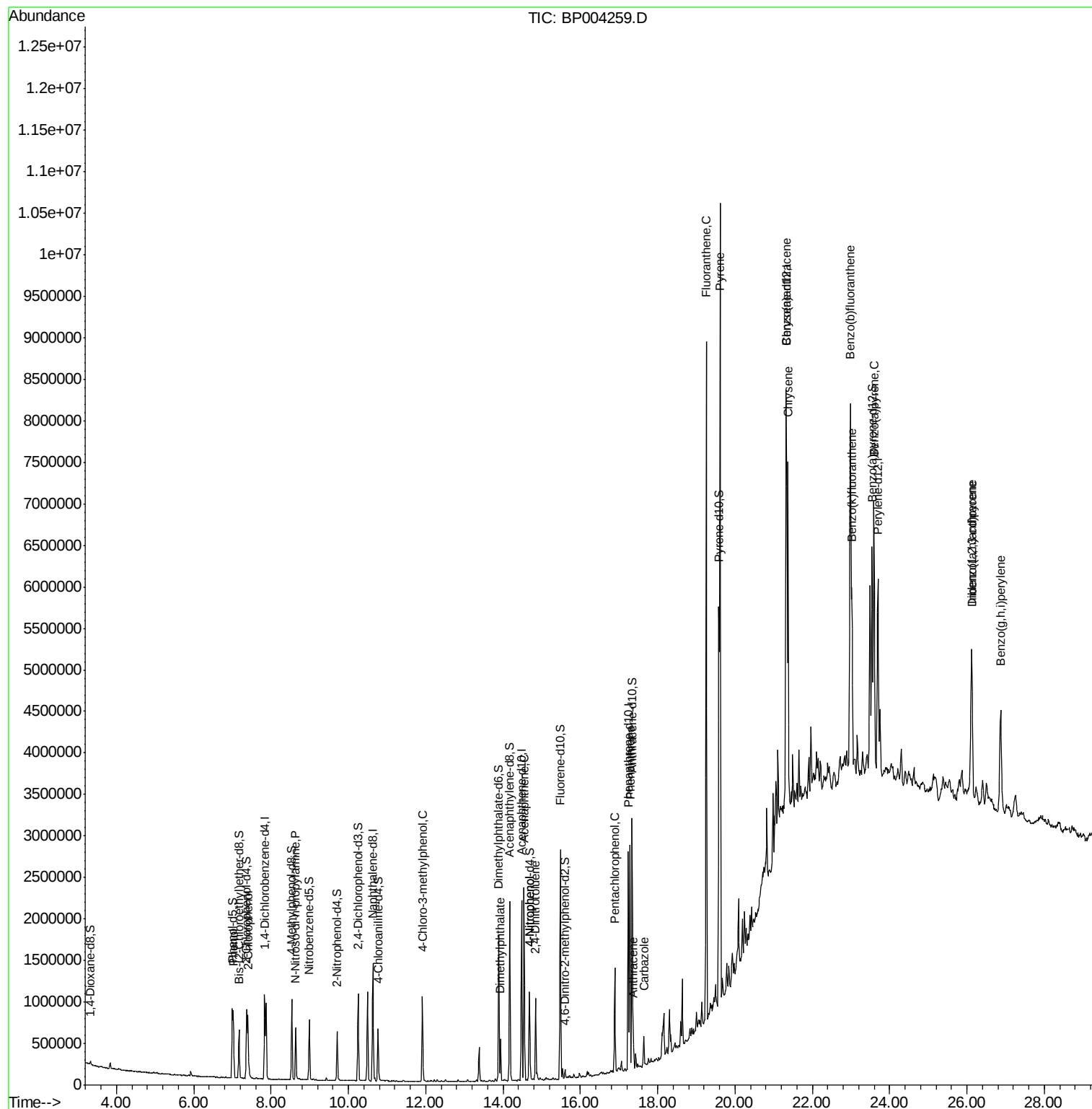
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
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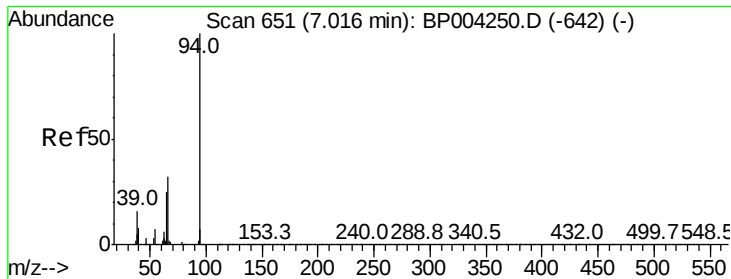
Instrument :
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#6

Phenol

Concen: 18.190 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. 0.01 min

Lab File: BP004259.D

Acq: 12 Dec 2020 15:09

Instrument :

BNA_P

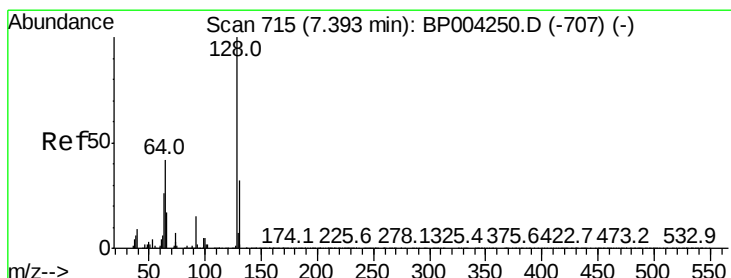
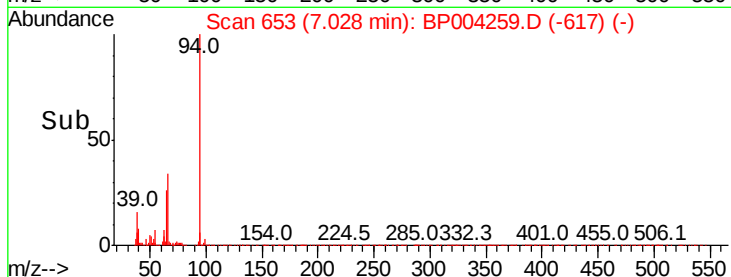
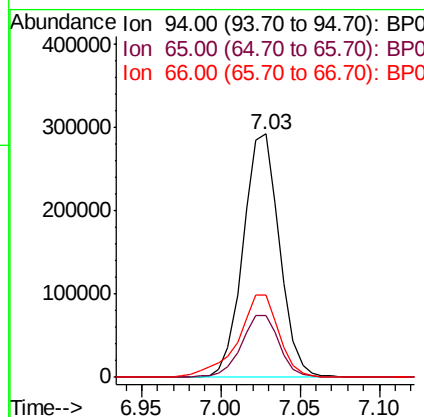
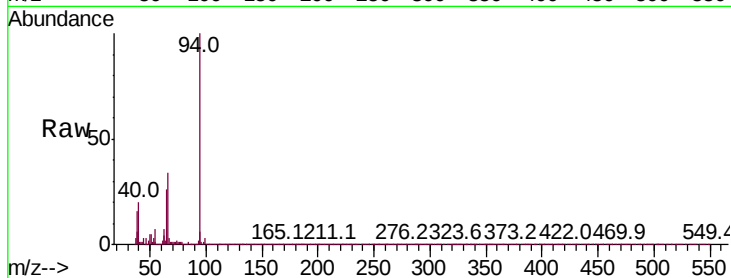
ClientSampleId :

A54A1MS

Tot Ion:	94	Resp:	463410
Ion Ratio	Lower	Upper	
94	100		
65	25.6	20.8	31.2
66	33.9	26.5	39.7

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#10

2-Chlorophenol

Concen: 18.120 ng/ul

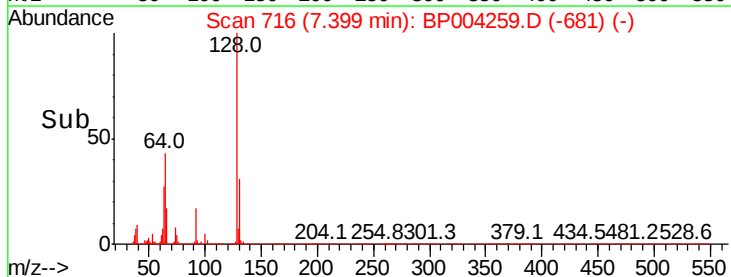
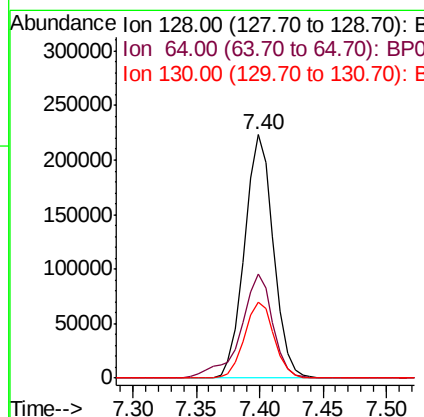
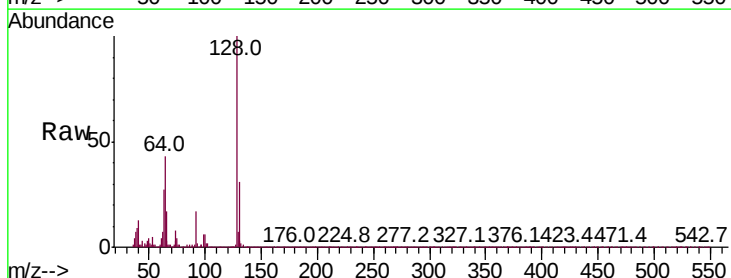
RT: 7.40 min Scan# 716

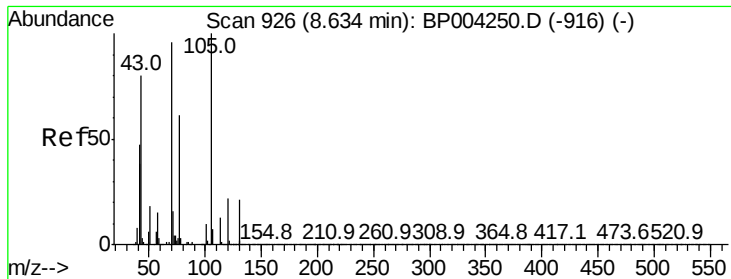
Delta R.T. 0.01 min

Lab File: BP004259.D

Acq: 12 Dec 2020 15:09

Tgt Ion:	128	Resp:	351779
Ion Ratio	Lower	Upper	
128	100		
64	42.5	36.9	55.3
130	31.4	25.9	38.9





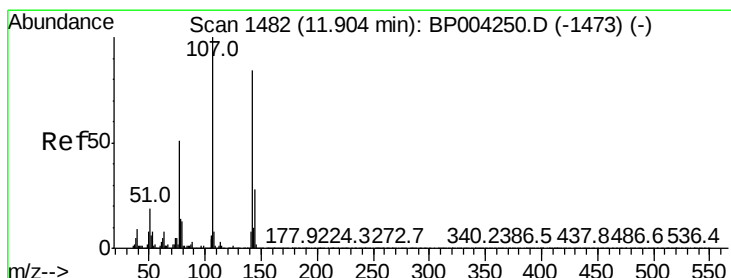
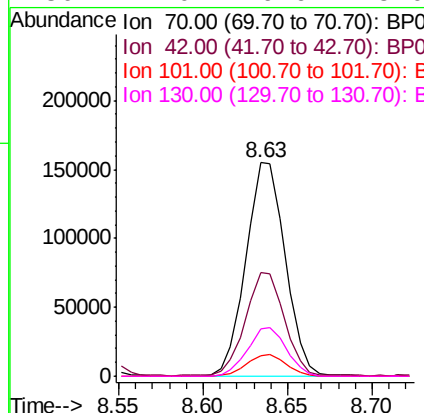
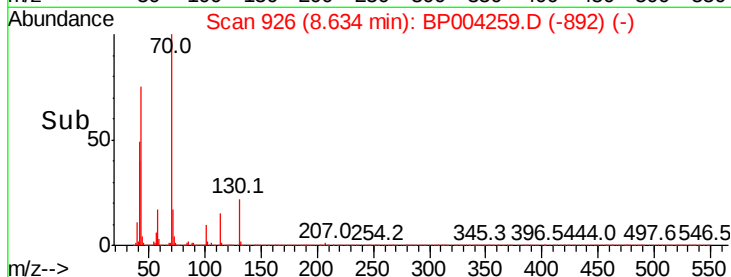
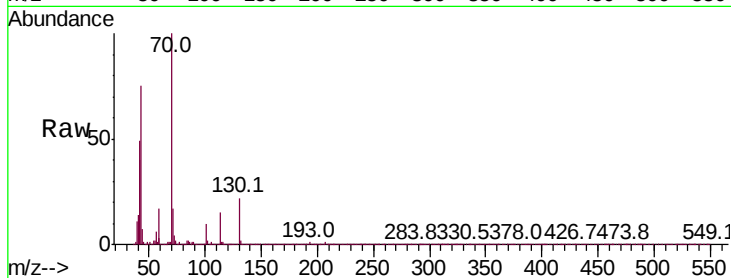
#15
N-Nitroso-di-n-propylamine
Concen: 17.763 ng/ul
RT: 8.63 min Scan# 926
Delta R.T. -0.00 min
Lab File: BP004259.D
Acq: 12 Dec 2020 15:09

Instrument :
BNA_P
ClientSampleId :
A54A1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.8	39.0	58.6
101	9.9	7.6	11.4
130	22.0	16.6	25.0

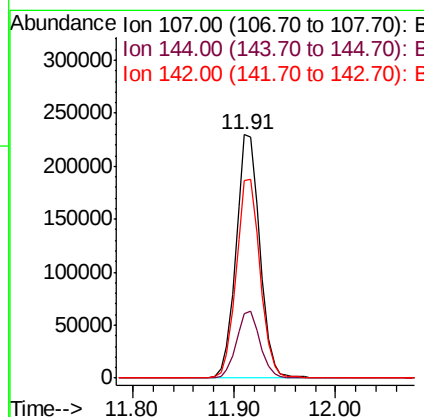
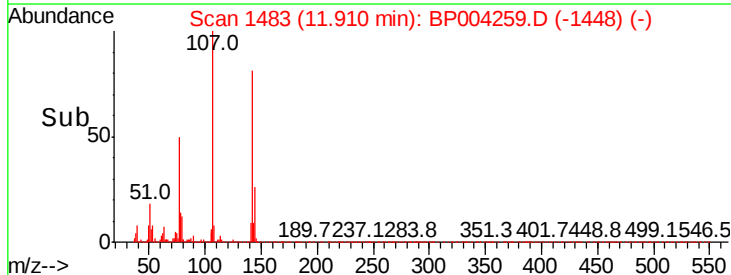
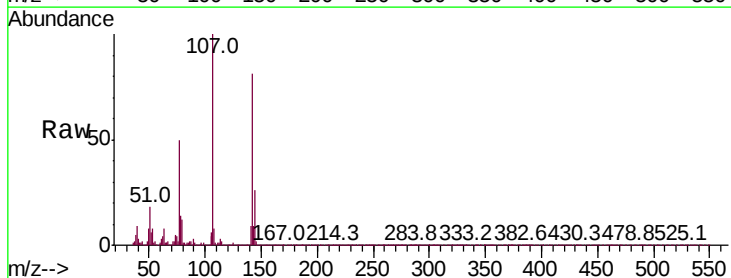
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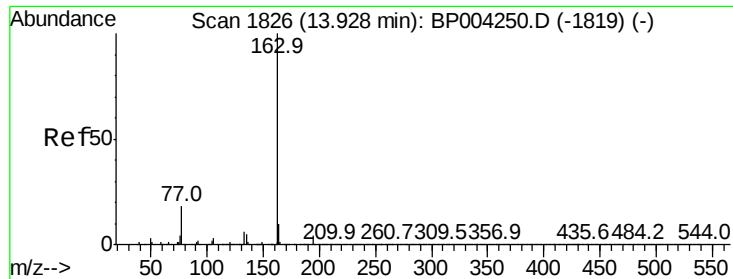
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#33
4-Chloro-3-methylphenol
Concen: 21.872 ng/ul
RT: 11.91 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BP004259.D
Acq: 12 Dec 2020 15:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	22.0	33.0
142	81.2	66.2	99.2





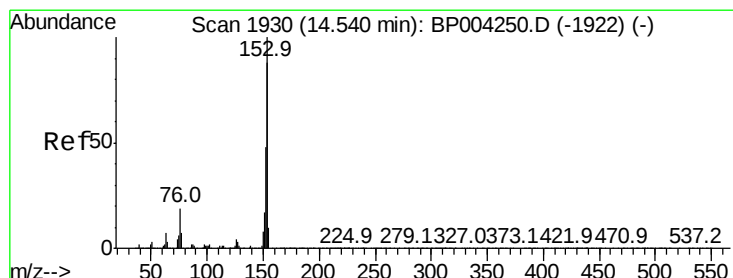
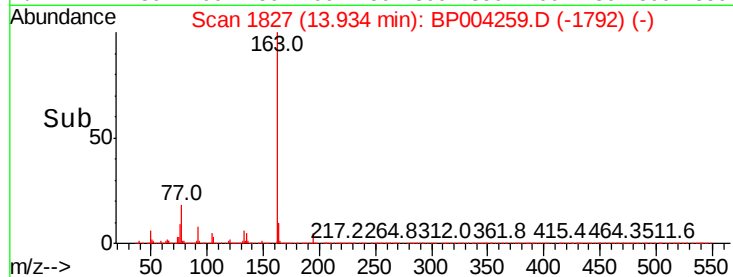
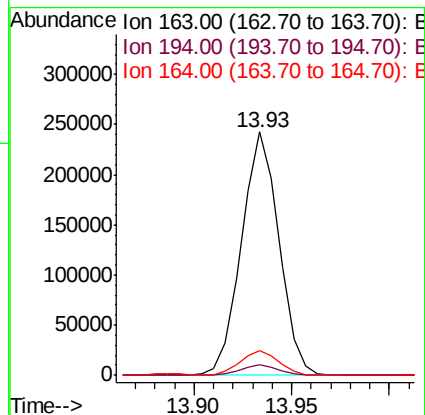
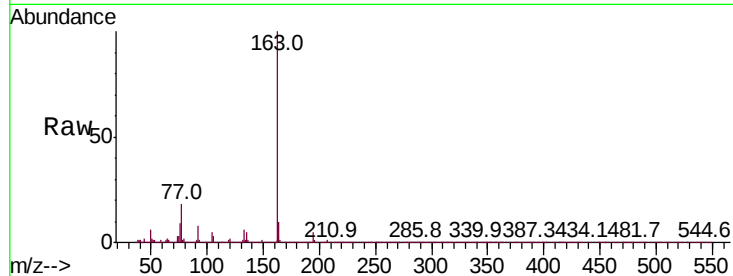
#45
Dimethylphthalate
Concen: 5.422 ng/ul
RT: 13.93 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BP004259.D
Acq: 12 Dec 2020 15:09

Instrument :
BNA_P
ClientSampleId :
A54A1MS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.3	8.4	12.6

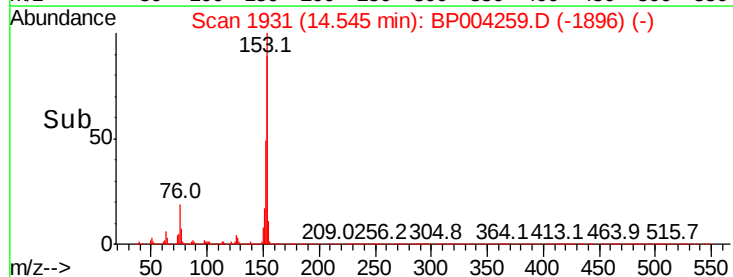
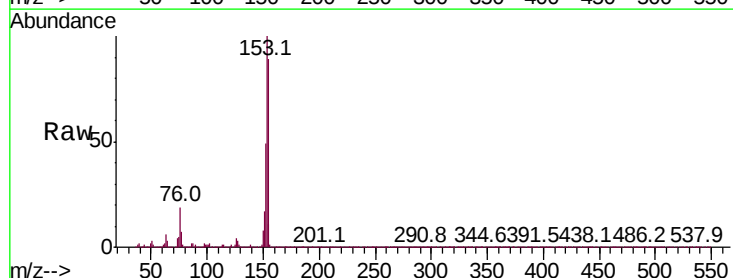
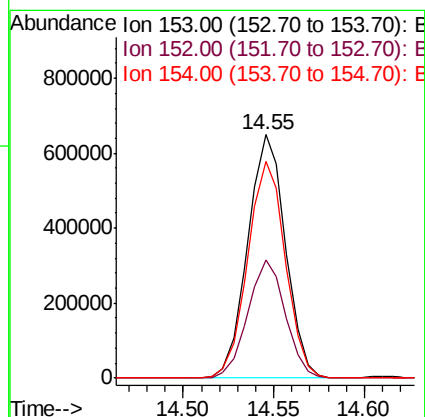
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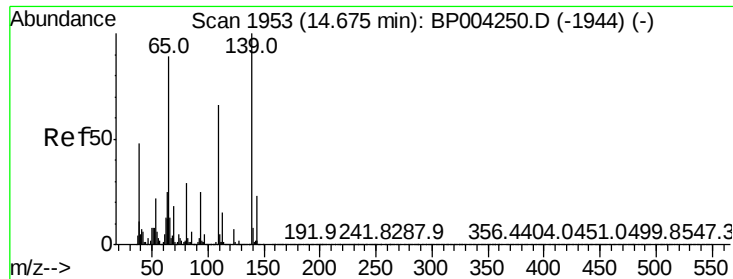
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#50
Acenaphthene
Concen: 17.939 ng/ul
RT: 14.55 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BP004259.D
Acq: 12 Dec 2020 15:09

Tgt Ion	Ratio	Resp Lower	Upper
153	100		
152	48.7	37.8	56.6
154	89.1	69.8	104.8





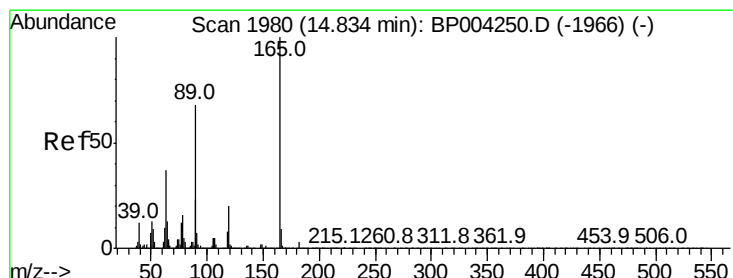
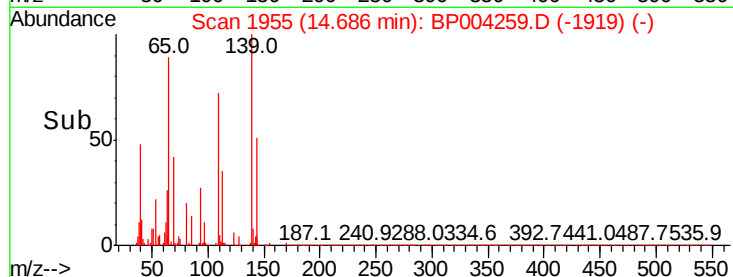
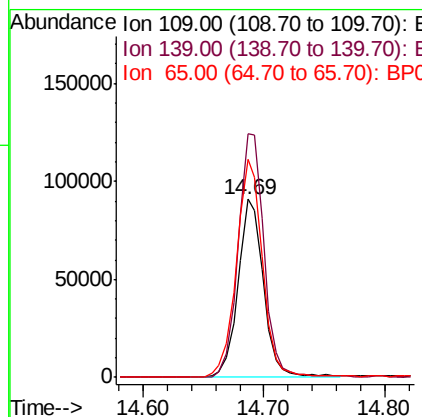
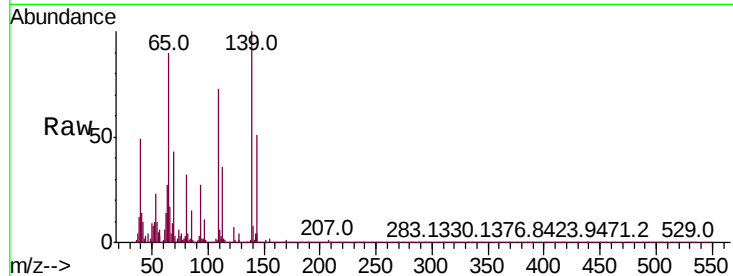
#53
4-Nitrophenol
Concen: 18.131 ng/ul
RT: 14.69 min Scan# 1955
Delta R.T. 0.01 min
Lab File: BP004259.D
Acq: 12 Dec 2020 15:09

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
109	100	131899		
139	136.9	113.5	170.3	
65	122.8	105.1	157.7	

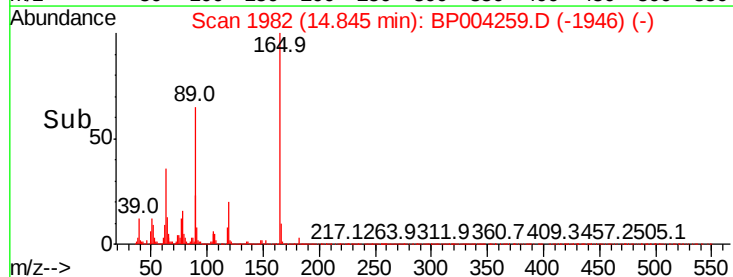
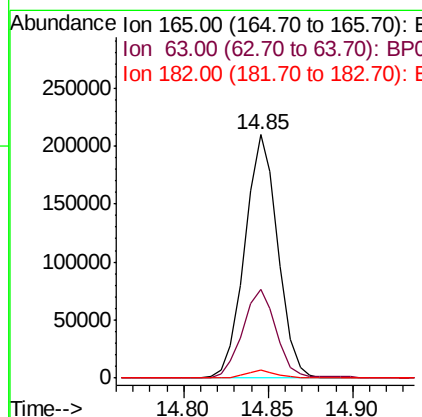
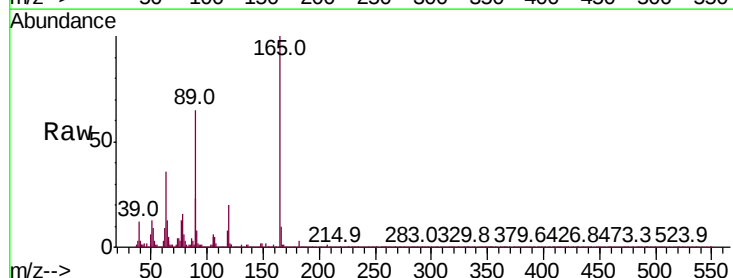
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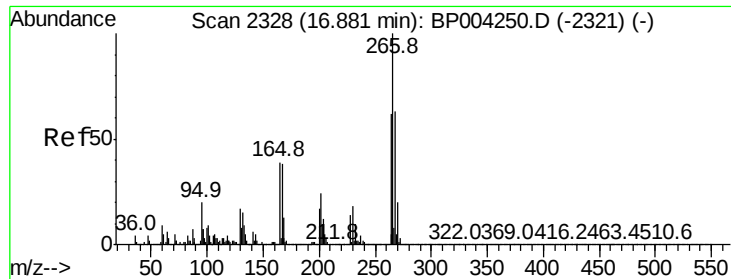
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#55
2,4-Dinitrotoluene
Concen: 18.005 ng/ul
RT: 14.85 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BP004259.D
Acq: 12 Dec 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	282839		
63	36.5	29.4	44.2	
182	3.3	2.6	3.8	





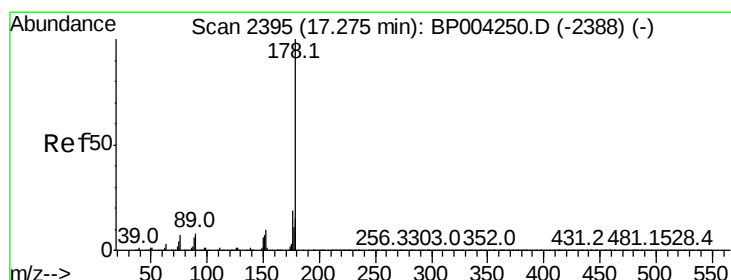
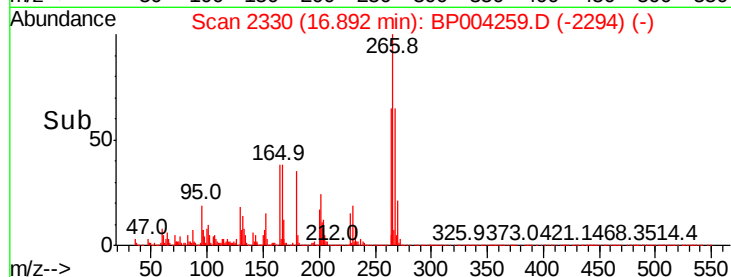
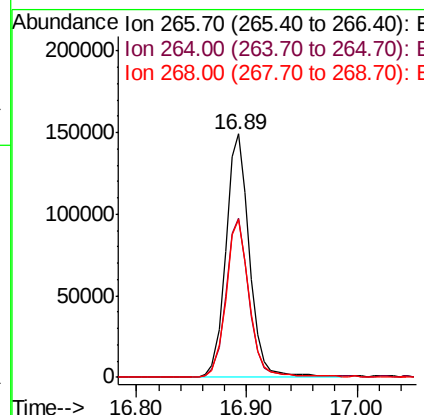
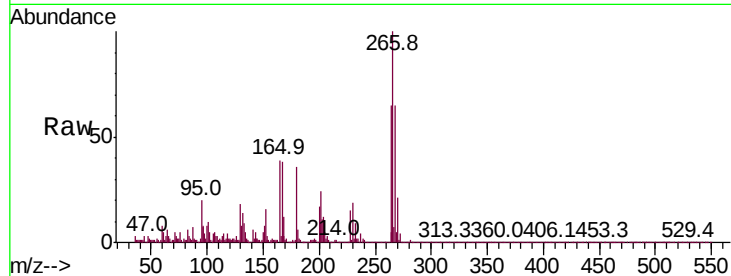
#69
 Pentachlorophenol
 Concen: 20.688 ng/ul
 RT: 16.89 min Scan# 2330
 Delta R.T. 0.01 min
 Lab File: BP004259.D
 Acq: 12 Dec 2020 15:09

Instrument :
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 ClientSampleId :
 A54A1MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	65.4	49.8	74.6
268	64.7	52.0	78.0

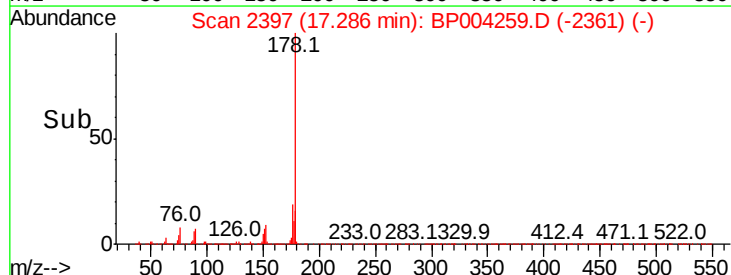
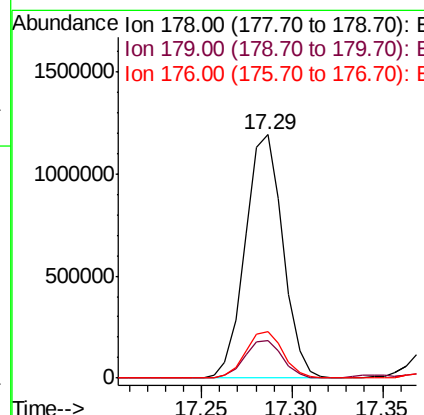
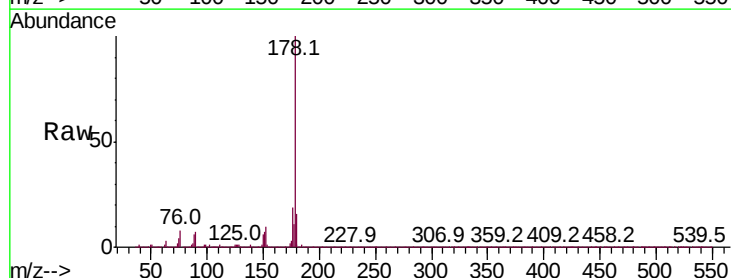
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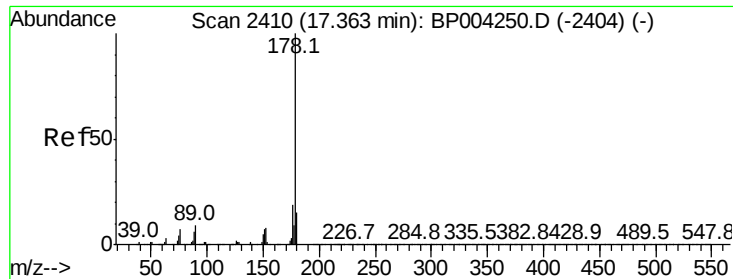
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#70
 Phenanthrene
 Concen: 17.421 ng/ul
 RT: 17.29 min Scan# 2397
 Delta R.T. 0.01 min
 Lab File: BP004259.D
 Acq: 12 Dec 2020 15:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	19.1	15.4	23.0





#72

Anthracene

Concen: 2.111 ng/ul

RT: 17.37 min Scan# 2412

Delta R.T. 0.01 min

Lab File: BP004259.D

Acq: 12 Dec 2020 15:09

Instrument :

BNA_P

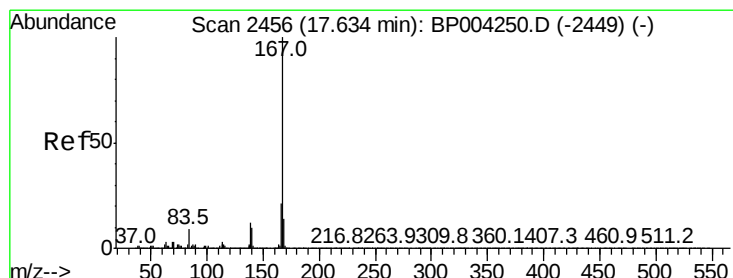
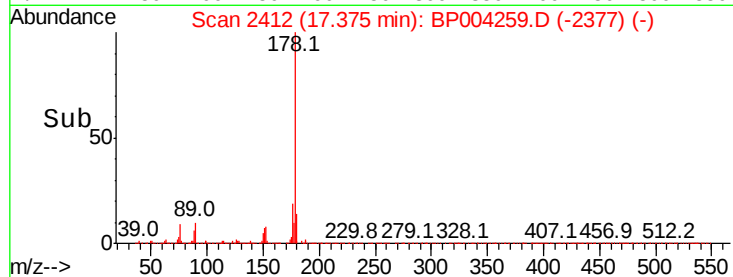
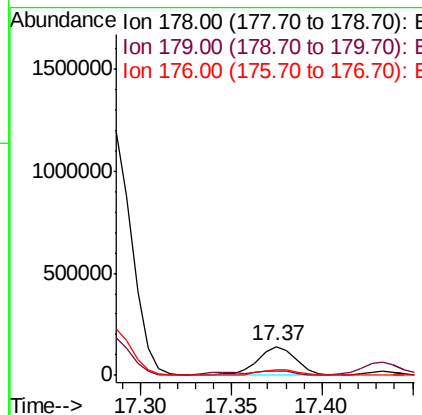
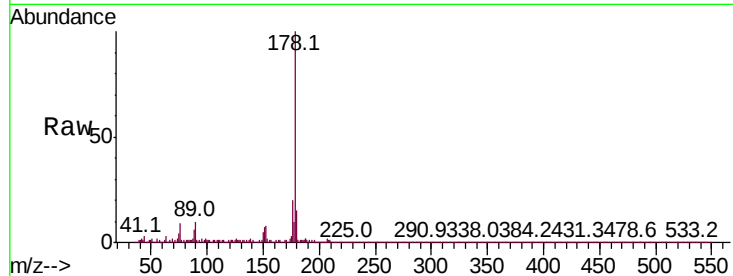
ClientSampleId :

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Tot Ion:	178	Resp:	206123
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.3	18.5
176	19.6	14.9	22.3

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#75

Carbazole

Concen: 2.911 ng/ul

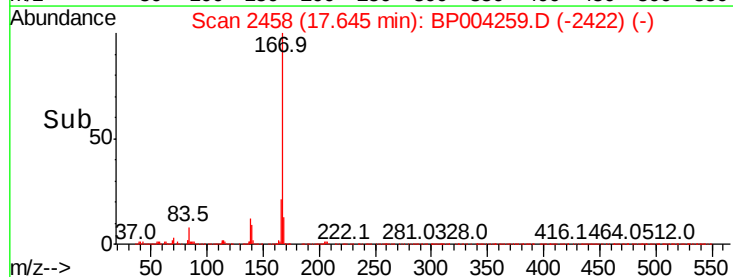
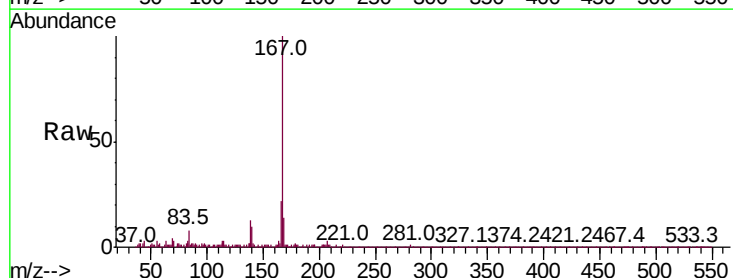
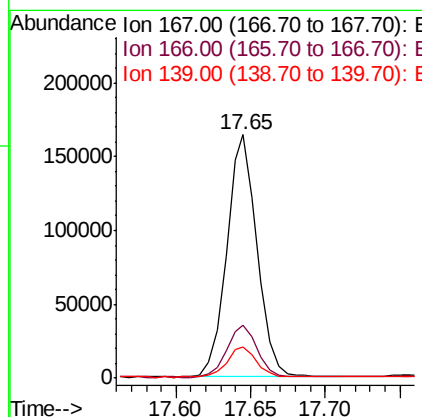
RT: 17.65 min Scan# 2458

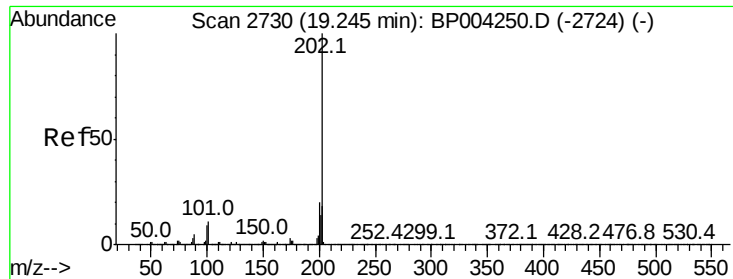
Delta R.T. 0.01 min

Lab File: BP004259.D

Acq: 12 Dec 2020 15:09

Tgt Ion:	167	Resp:	231349
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.1	25.7
139	12.8	9.8	14.6





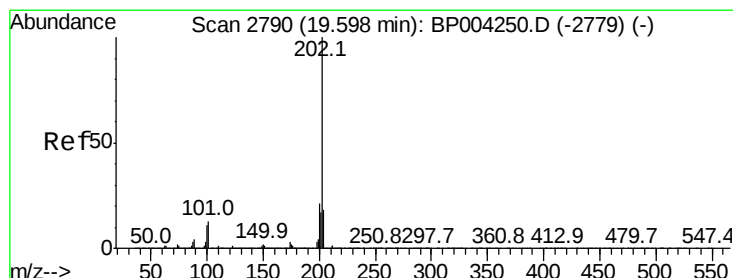
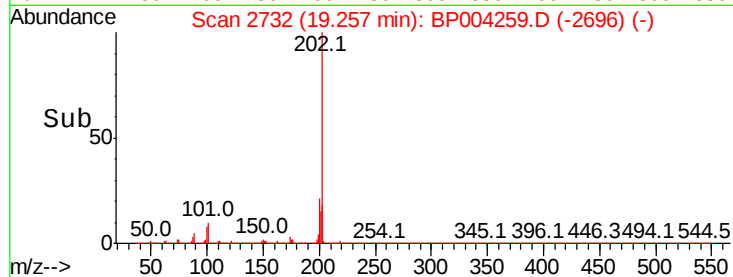
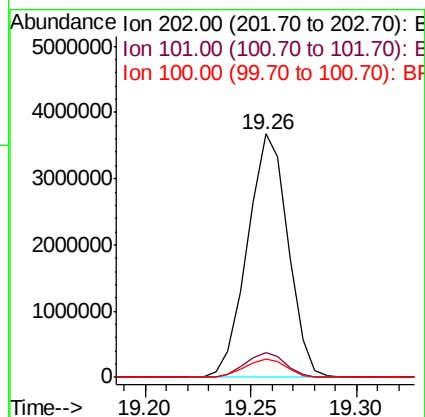
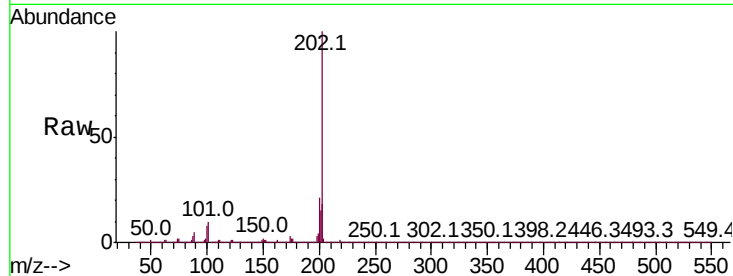
#77
 Fluoranthene
 Concen: 46.438 ng/ul
 RT: 19.26 min Scan# 2732
 Delta R.T. 0.01 min
 Lab File: BP004259.D
 Acq: 12 Dec 2020 15:09

Instrument :
 BNA_P
 ClientSampleID :
 A54A1MS

Tot Ion:	202	Resp:	4894005
Ion Ratio	Lower	Upper	
202	100		
101	10.1	9.1	13.7
100	7.8	7.1	10.7

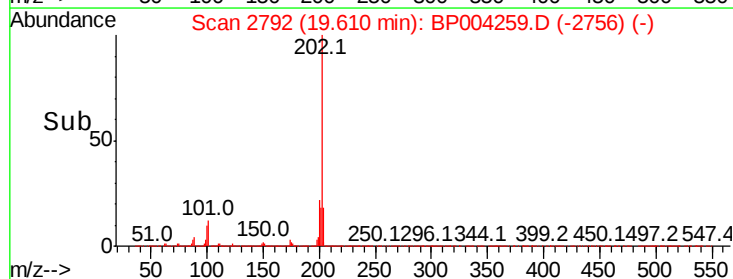
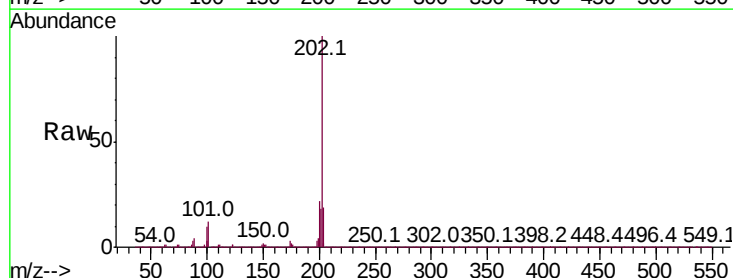
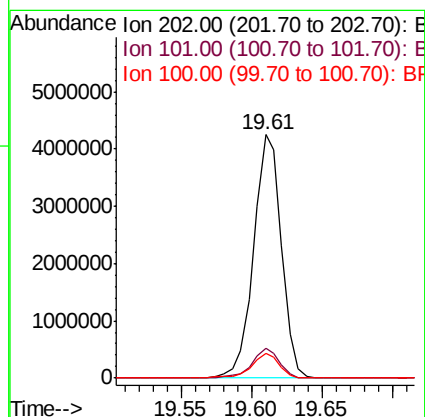
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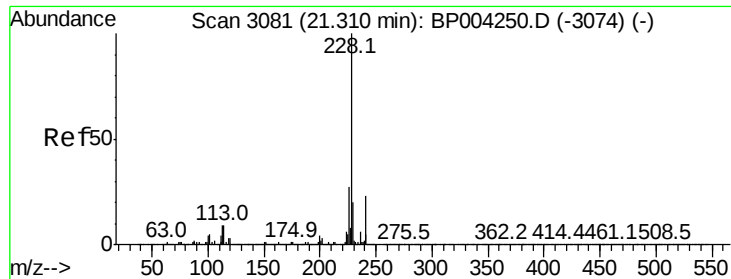
mohammad
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#80
 Pyrene
 Concen: 52.504 ng/ul
 RT: 19.61 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BP004259.D
 Acq: 12 Dec 2020 15:09

Tgt Ion:	202	Resp:	5875347
Ion Ratio	Lower	Upper	
202	100		
101	12.2	10.6	15.8
100	10.0	8.6	12.8





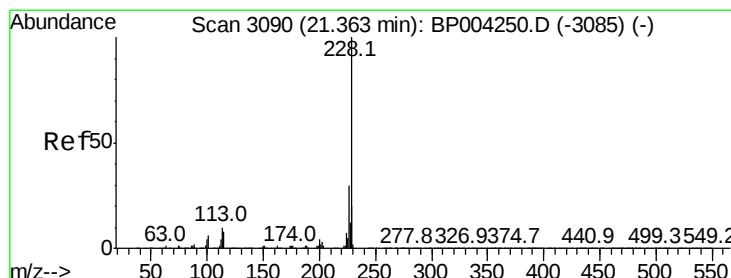
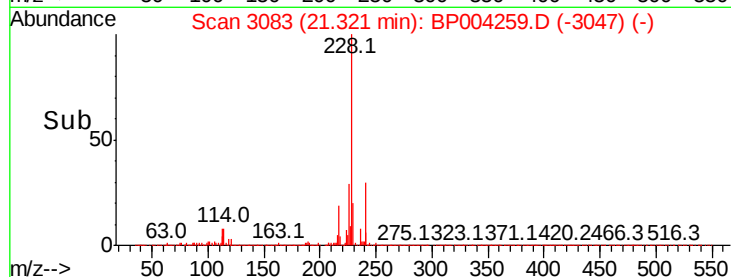
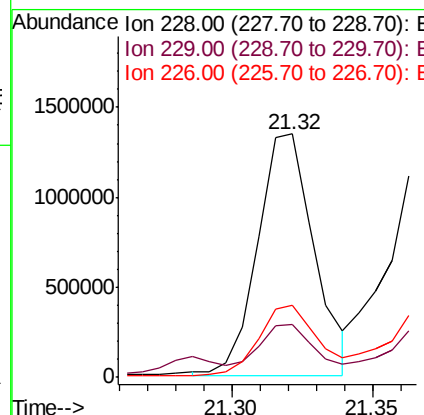
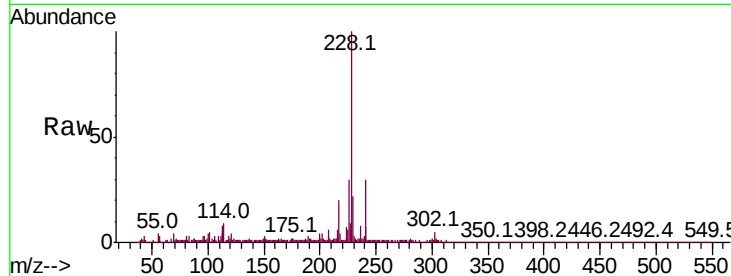
#83
Benzo(a)anthracene
Concen: 17.115 ng/ul
RT: 21.32 min Scan# 3083
Delta R.T. 0.01 min
Lab File: BP004259.D
Acq: 12 Dec 2020 15:09

Instrument :
BNA_P
ClientSampleId :
A54A1MS

Tot Ion:228 Resp: 1871470
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.8
226 29.6 21.7 32.5

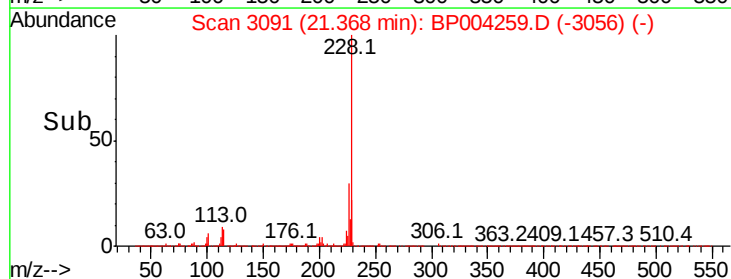
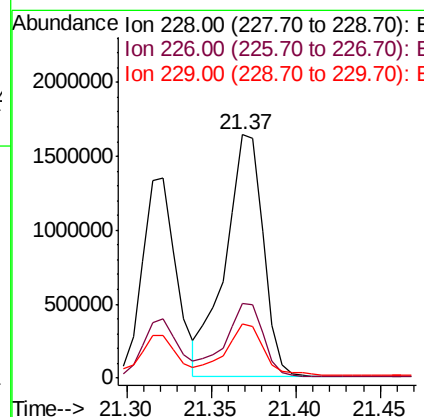
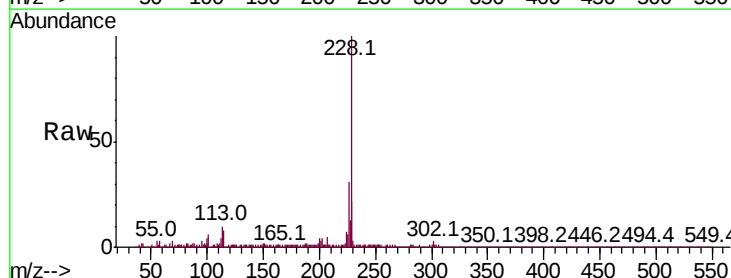
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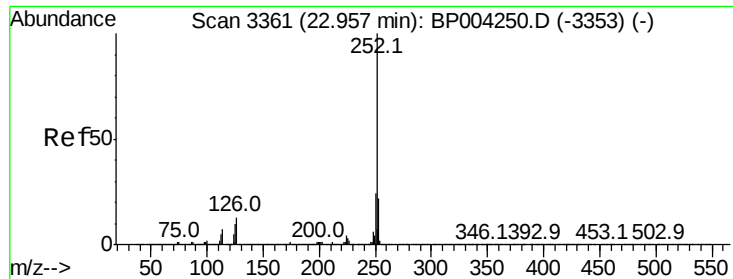
mohammad
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#85
Chrysene
Concen: 23.900 ng/ul
RT: 21.37 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BP004259.D
Acq: 12 Dec 2020 15:09

Tgt Ion:228 Resp: 2563837
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 22.3 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 33.560 ng/uI

RT: 22.98 min Scan# 3365

Delta R.T. 0.02 min

Lab File: BP004259.D

Acq: 12 Dec 2020 15:09

Instrument :

BNA_P

ClientSampleId :

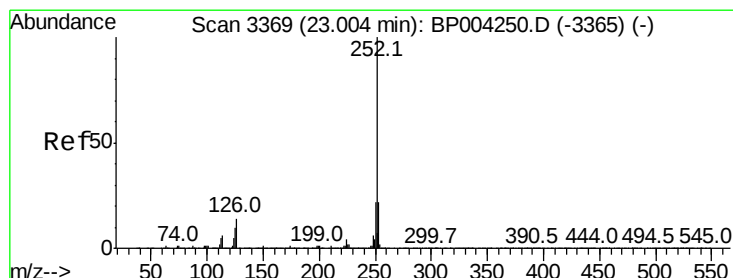
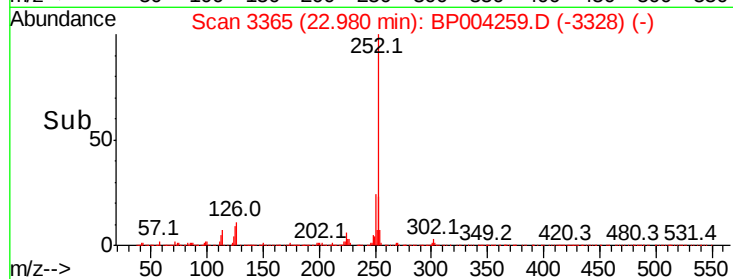
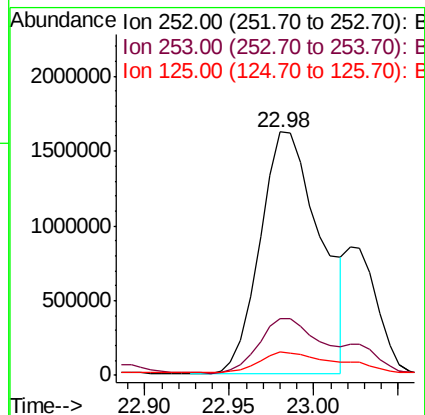
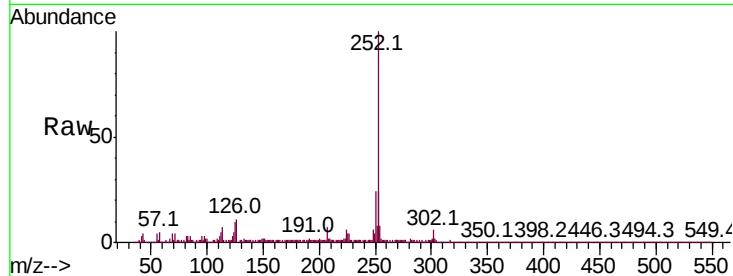
A54A1MS

Tot Ion:252 Resp: 3999867

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	9.7	7.7	11.5

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 8.761 ng/uI m

RT: 23.02 min Scan# 3372

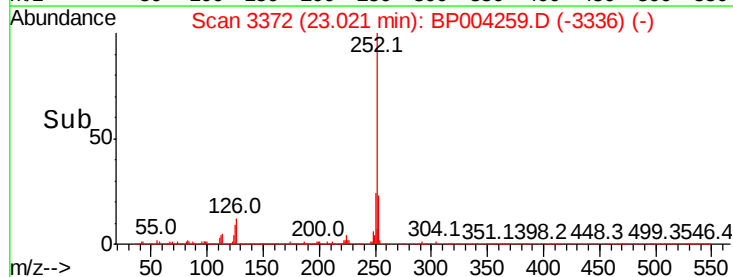
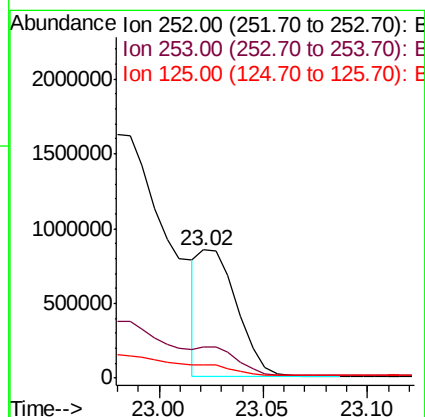
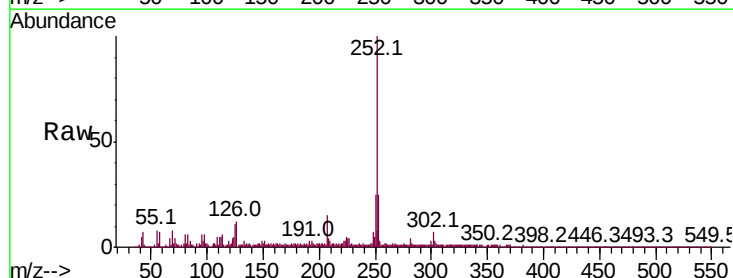
Delta R.T. 0.01 min

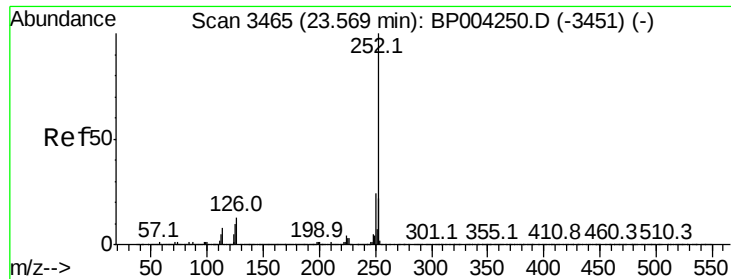
Lab File: BP004259.D

Acq: 12 Dec 2020 15:09

Tgt Ion:252 Resp: 1072354

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.2
125	10.6	7.3	10.9





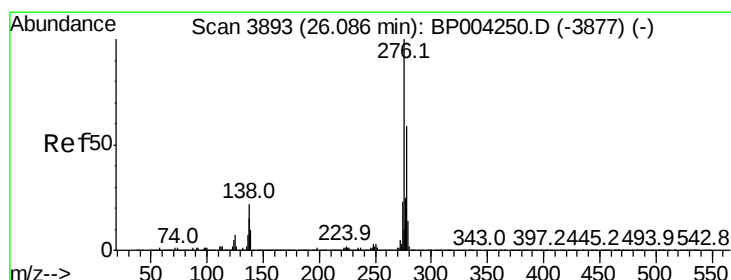
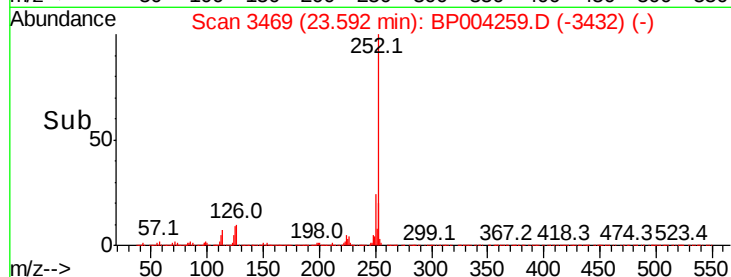
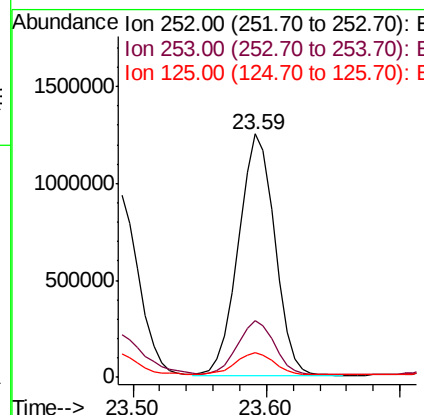
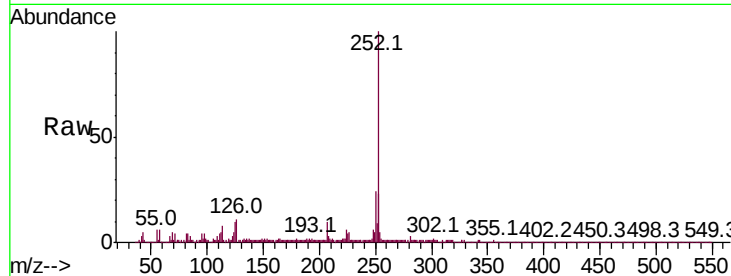
#91
Benzo(a)pyrene
Concen: 21.103 ng/ul
RT: 23.59 min Scan# 3469
Delta R.T. 0.02 min
Lab File: BP004259.D
Acq: 12 Dec 2020 15:09

Instrument :
BNA_P
ClientSampleId :
A54A1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	10.0	7.8	11.6

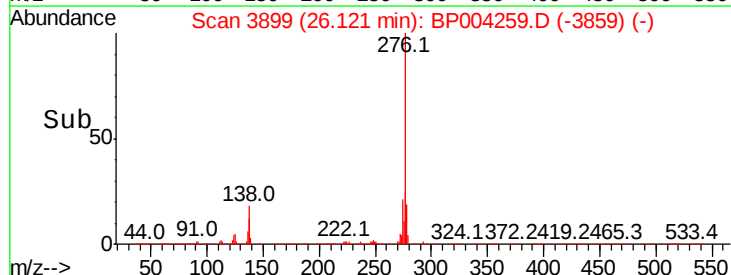
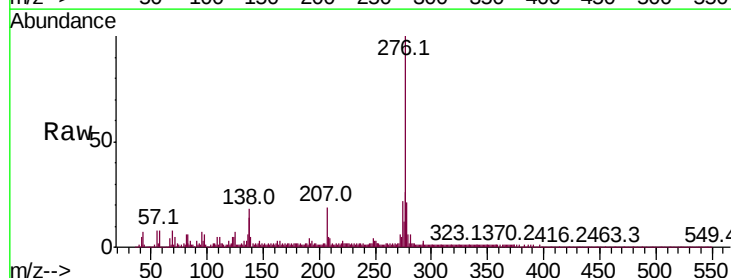
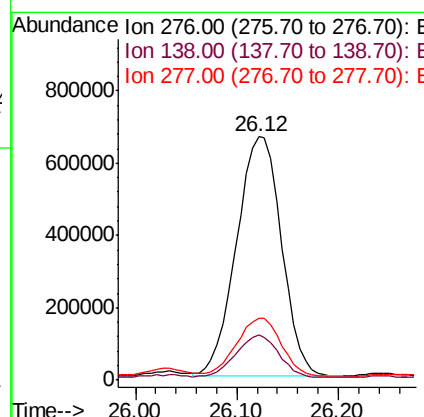
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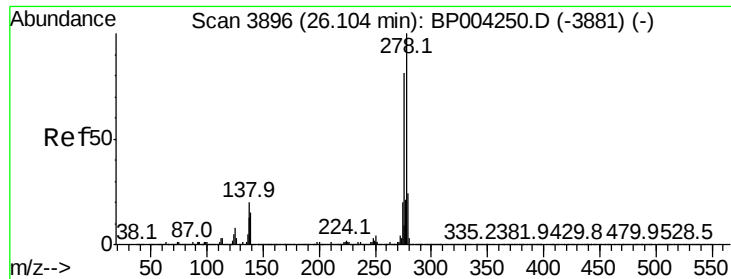
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#92
Indeno(1,2,3-cd)pyrene
Concen: 14.677 ng/ul
RT: 26.12 min Scan# 3899
Delta R.T. 0.04 min
Lab File: BP004259.D
Acq: 12 Dec 2020 15:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	17.8	26.6
277	25.6	19.8	29.6





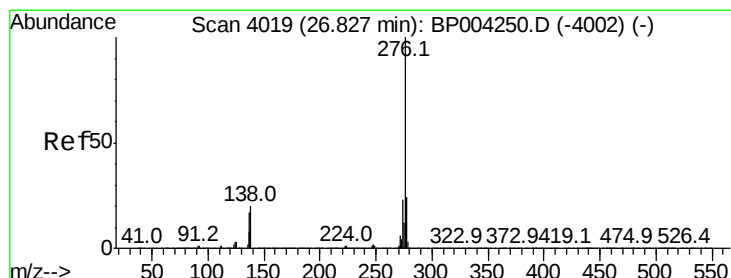
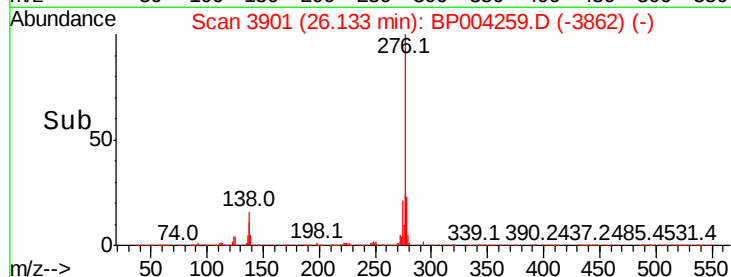
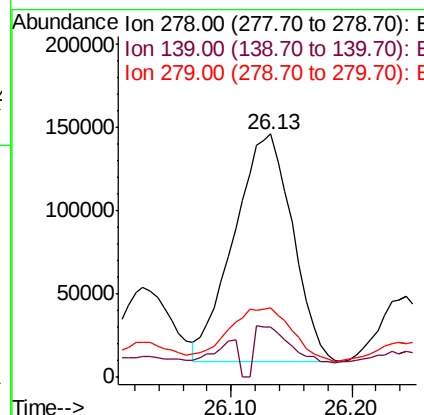
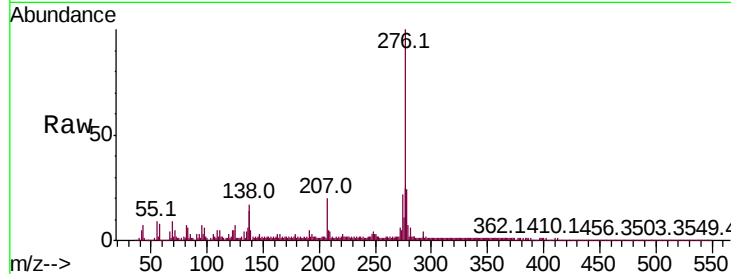
#93
Dibenzo(a,h)anthracene
Concen: 3.943 ng/ul
RT: 26.13 min Scan# 3901
Delta R.T. 0.03 min
Lab File: BP004259.D
Acq: 12 Dec 2020 15:09

Instrument :
BNA_P
ClientSampleId :
A54A1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.6	11.9	17.9#
279	28.8	18.6	28.0#

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 14.626 ng/ul
RT: 26.87 min Scan# 4026
Delta R.T. 0.04 min
Lab File: BP004259.D
Acq: 12 Dec 2020 15:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	16.6	25.0
277	25.4	18.5	27.7

