

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
 Data File : BP004260.D
 Acq On : 12 Dec 2020 15:43
 Operator : CG/JU
 Sample : L5000-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A1MSD

Manual Integrations
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Quant Time: Dec 14 06:17:45 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	7.84	152	315016	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1291022	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	805913	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.24	188	1762894	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1751020	20.00	ng/ul	0.01
86) Perylene-d12	23.70	264	1973187	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	25284	2.82	ng/uL	0.00
5) Phenol-d5	7.00	99	522140	20.04	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	277532	17.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	423213	21.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	401531	20.39	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	207744	19.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	213689	24.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	432413	22.55	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	392452	16.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1267723	20.58	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1675820	21.32	ng/ul	0.01
52) 4-Nitrophenol-d4	14.67	143	196003	18.84	ng/ul	0.02
58) Fluorene-d10	15.48	176	1144604	20.52	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	27398	3.24	ng/ul	0.02
71) Anthracene-d10	17.34	188	1841949	21.44	ng/ul	0.00
79) Pyrene-d10	19.58	212	2065295	22.64	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.55	264	2311157	22.23	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	7.03	94	487098	17.902	ng/ul 99
10) 2-Chlorophenol	7.40	128	365366	17.621	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.64	70	264683	17.549	ng/ul 96
33) 4-Chloro-3-methylphenol	11.92	107	384771	21.033	ng/ul 99
45) Dimethylphthalate	13.93	163	332937	5.307	ng/ul 100
50) Acenaphthene	14.55	153	980835	17.756	ng/ul 98
53) 4-Nitrophenol	14.69	109	133639	17.405	ng/ul 93
55) 2,4-Dinitrotoluene	14.85	165	295847	17.844	ng/ul 97
69) Pentachlorophenol	16.89	266	227074	20.084	ng/ul 100
70) Phenanthrene	17.29	178	1786026	17.173	ng/ul 100
72) Anthracene	17.37	178	214604	2.086	ng/ul 99
75) Carbazole	17.65	167	244491	2.920	ng/ul 99
77) Fluoranthene	19.26	202	5079808	45.743	ng/ul 97
80) Pyrene	19.61	202	6155022	52.110	ng/ul 98
83) Benzo(a)anthracene	21.32	228	1997314	17.305	ng/ul 96
85) Chrysene	21.37	228	2661763	23.508	ng/ul 97
88) Benzo(b)fluoranthene	22.98	252	3902953	31.190	ng/ul 98
89) Benzo(k)fluoranthene	23.02	252	1377762m	10.721	ng/ul
91) Benzo(a)pyrene	23.59	252	2448341	20.967	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	26.13	276	2128463	14.535	ng/ul# 94
93) Dibenzo(a,h)anthracene	26.13	278	482068	3.928	ng/ul# 87
94) Benzo(a,h,i)perylene	26.87	276	1767380	14.386	ng/ul 96

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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

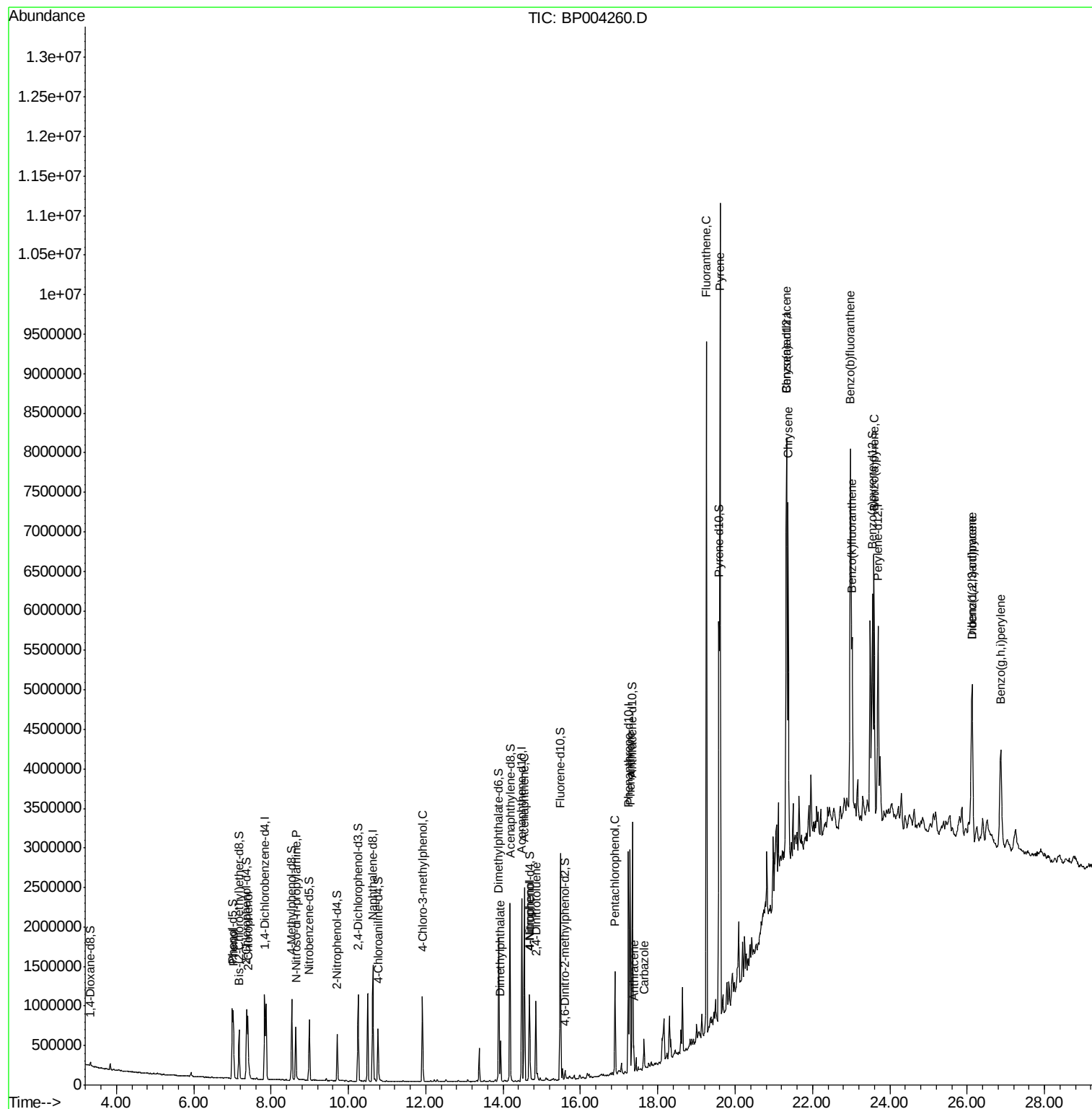
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
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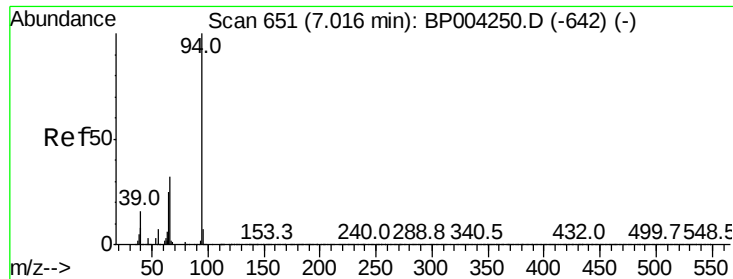
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Response via : Initial Calibration





#6

Phenol

Concen: 17.902 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. 0.01 min

Lab File: BP004260.D

Acq: 12 Dec 2020 15:43

Instrument :

BNA_P

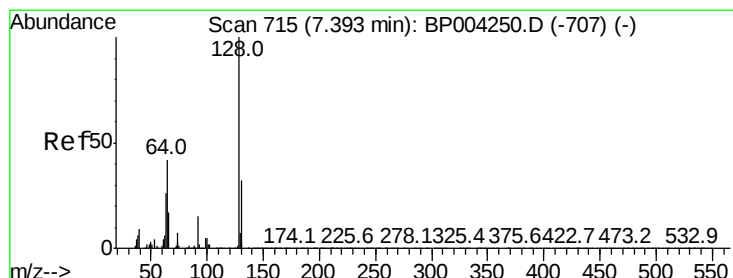
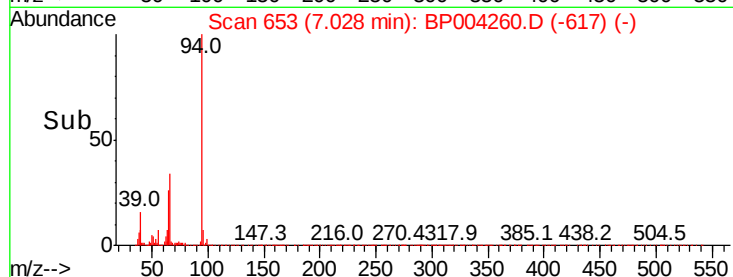
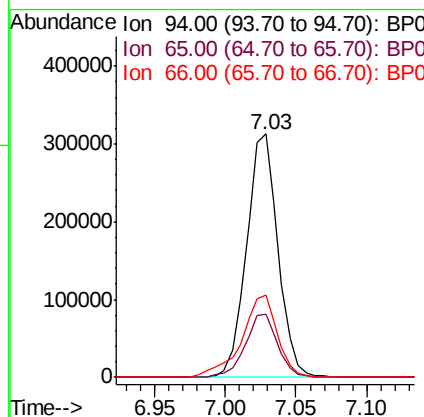
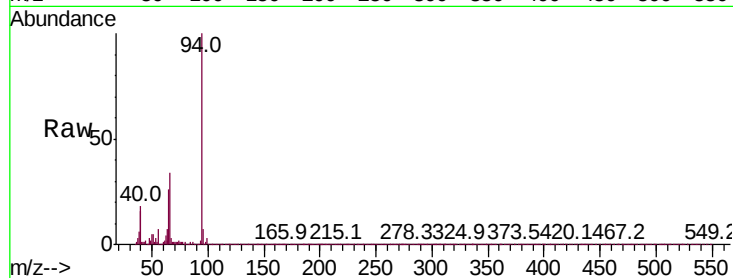
ClientSampleId :

A54A1MSD

Tot Ion:	94	Resp:	487098
Ion Ratio	Lower	Upper	
94	100		
65	26.1	20.8	31.2
66	33.6	26.5	39.7

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#10

2-Chlorophenol

Concen: 17.621 ng/ul

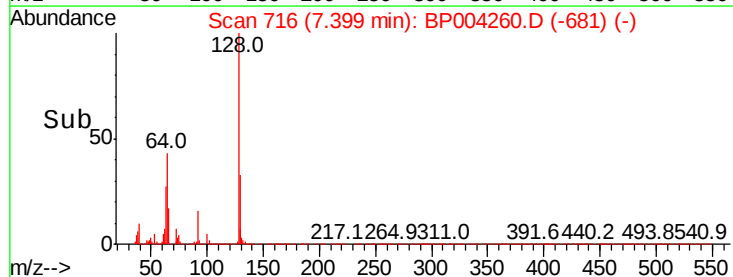
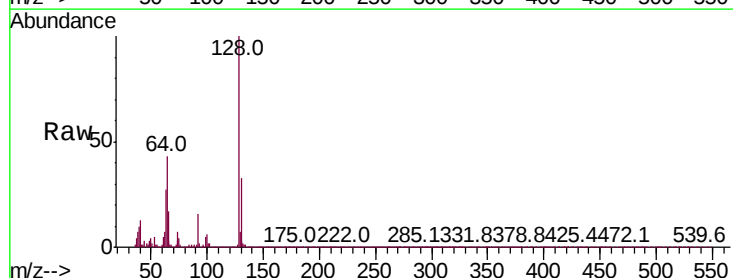
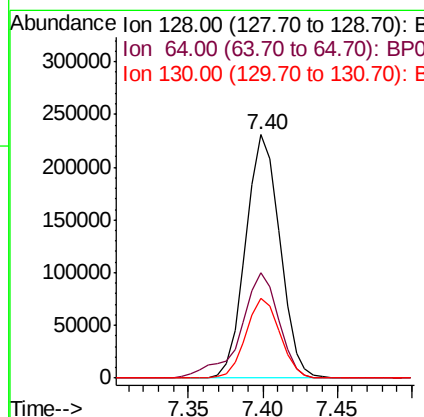
RT: 7.40 min Scan# 716

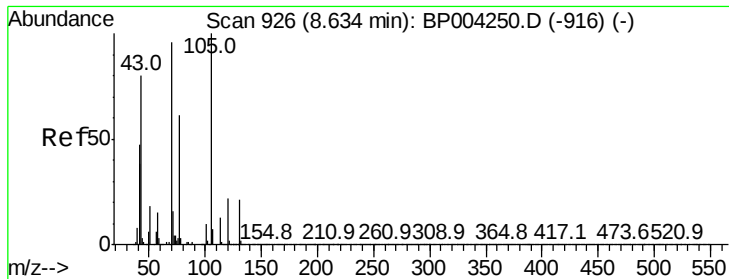
Delta R.T. 0.01 min

Lab File: BP004260.D

Acq: 12 Dec 2020 15:43

Tgt Ion:	128	Resp:	365366
Ion Ratio	Lower	Upper	
128	100		
64	43.2	36.9	55.3
130	32.7	25.9	38.9





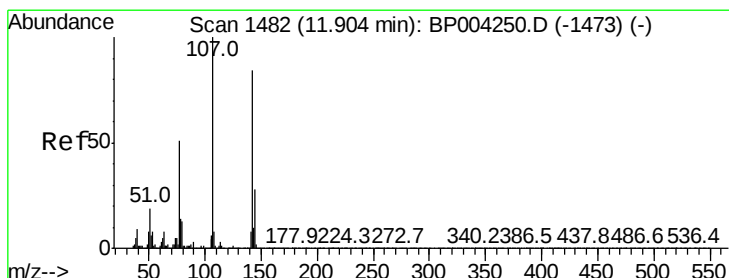
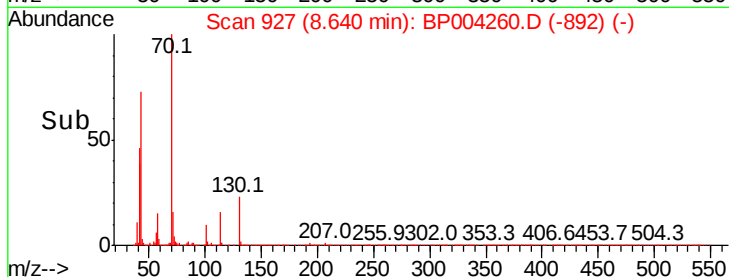
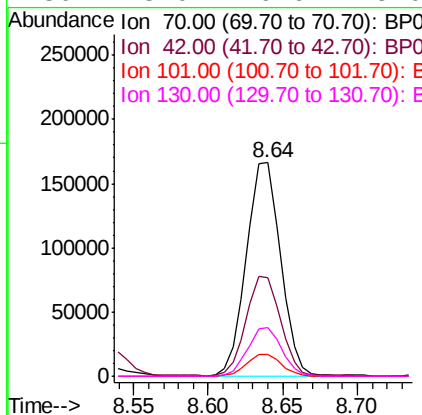
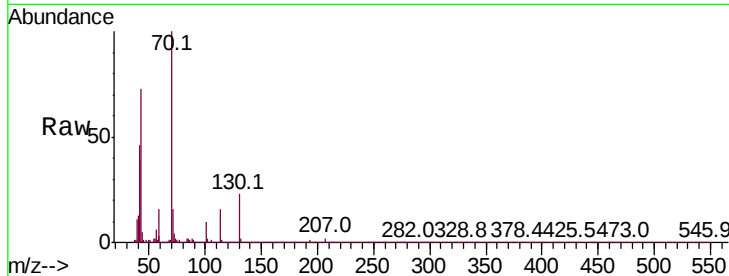
#15
N-Nitroso-di-n-propylamine
Concen: 17.549 ng/ul
RT: 8.64 min Scan# 927
Delta R.T. 0.01 min
Lab File: BP004260.D
Acq: 12 Dec 2020 15:43

Instrument :
BNA_P
ClientSampleId :
A54A1MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.4	39.0	58.6	
101	10.4	7.6	11.4	
130	23.0	16.6	25.0	

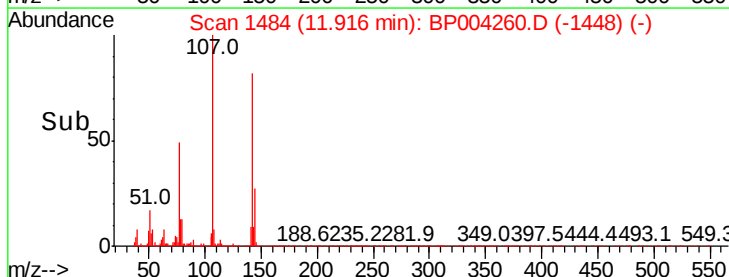
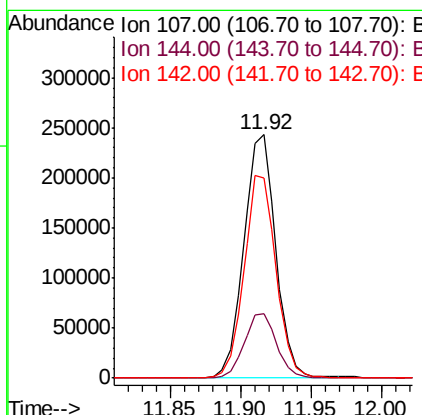
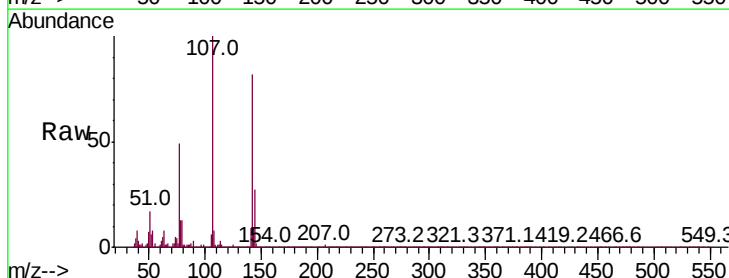
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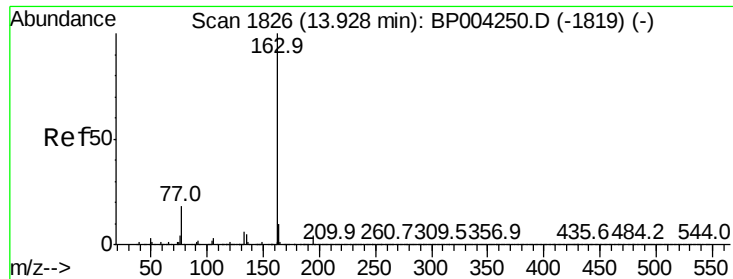
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#33
4-Chloro-3-methylphenol
Concen: 21.033 ng/ul
RT: 11.92 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BP004260.D
Acq: 12 Dec 2020 15:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.5	22.0	33.0	
142	82.0	66.2	99.2	





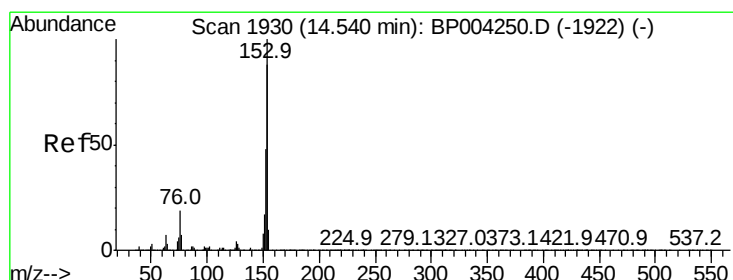
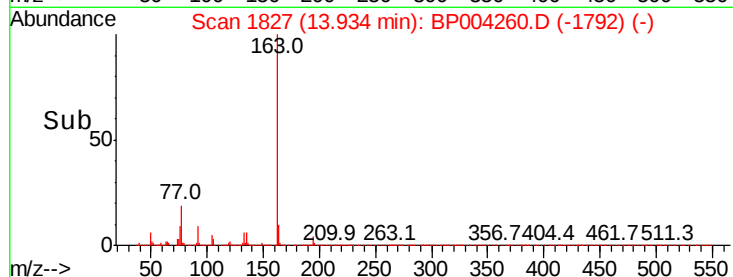
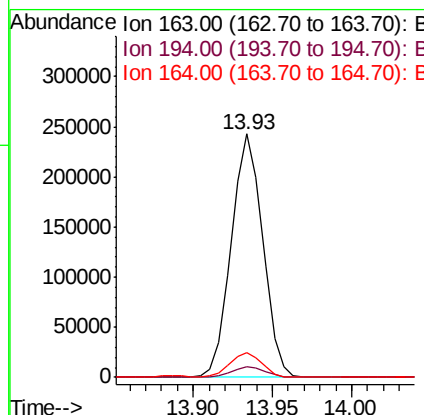
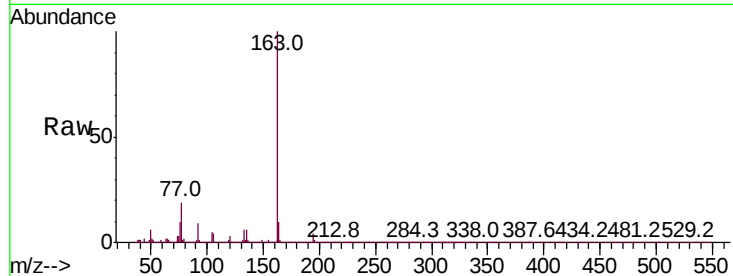
#45
Dimethylphthalate
Concen: 5.307 ng/ul
RT: 13.93 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BP004260.D
Acq: 12 Dec 2020 15:43

Instrument :
BNA_P
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A54A1MSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	8.4	12.6

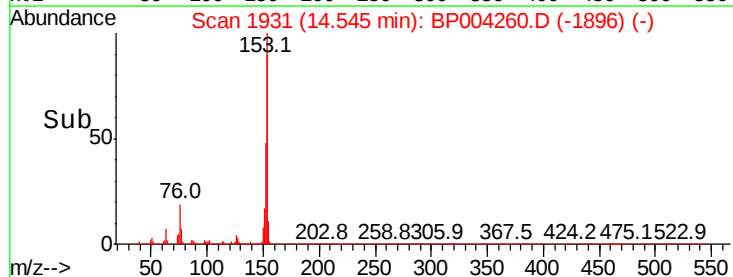
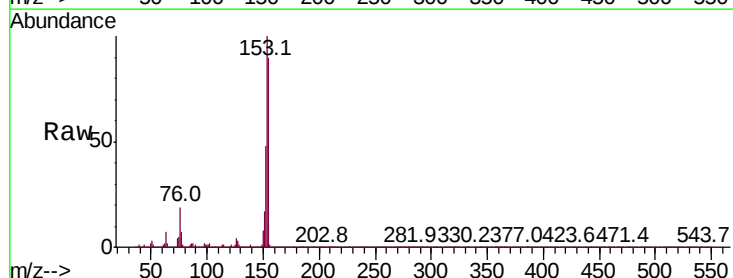
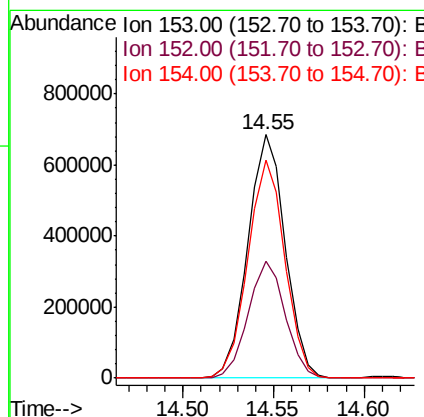
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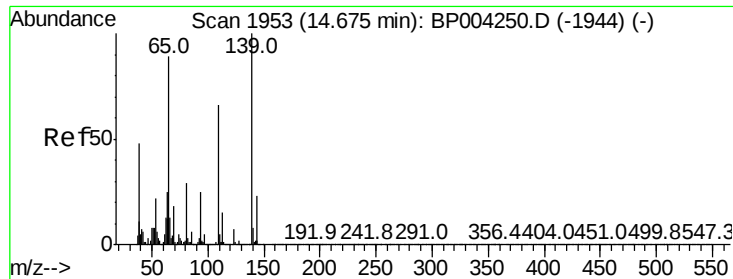
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#50
Acenaphthene
Concen: 17.756 ng/ul
RT: 14.55 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BP004260.D
Acq: 12 Dec 2020 15:43

Tgt Ion	Ratio	Resp Lower	Upper
153	100		
152	47.8	37.8	56.6
154	89.6	69.8	104.8





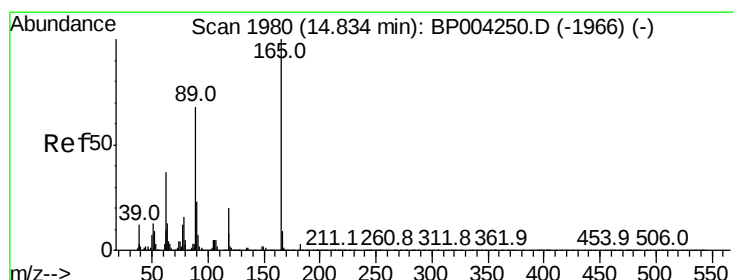
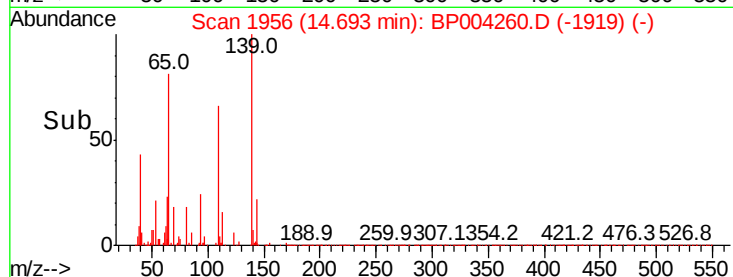
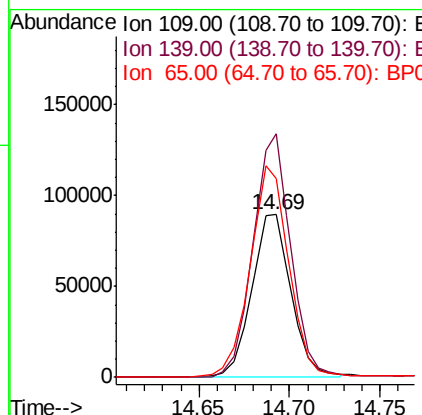
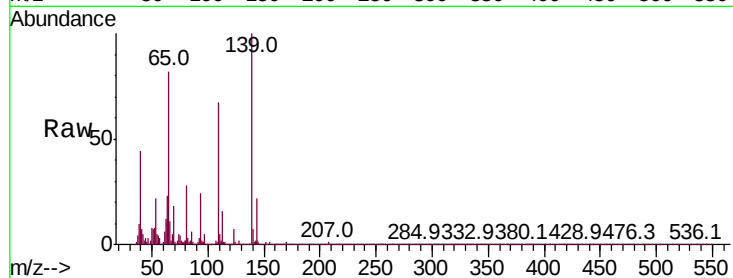
#53
4-Nitrophenol
Concen: 17.405 ng/ul
RT: 14.69 min Scan# 1956
Delta R.T. 0.02 min
Lab File: BP004260.D
Acq: 12 Dec 2020 15:43

Instrument :
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ClientSampleId :
A54A1MSD

Tot Ion	Ratio	Lower	Upper
109	100		
139	149.5	113.5	170.3
65	122.4	105.1	157.7

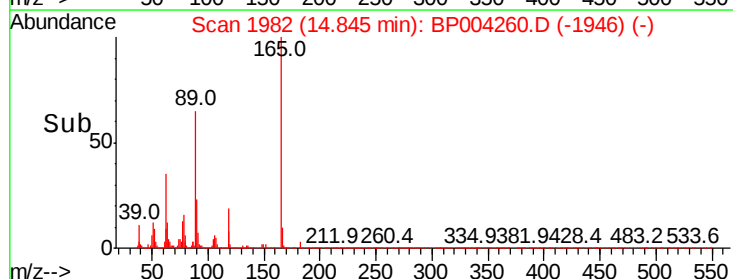
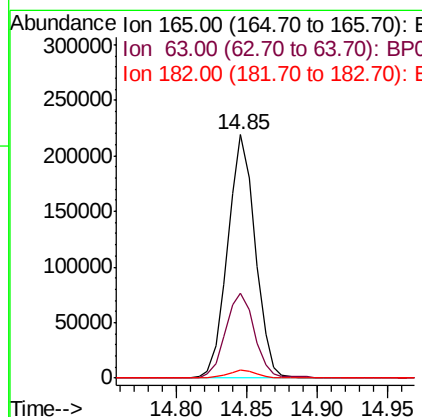
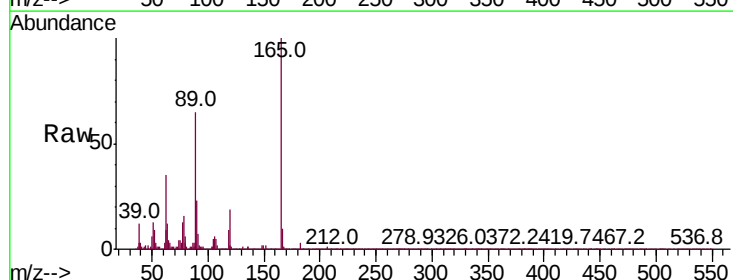
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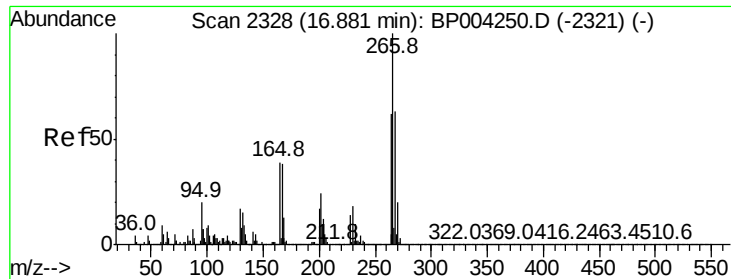
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#55
2,4-Dinitrotoluene
Concen: 17.844 ng/ul
RT: 14.85 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BP004260.D
Acq: 12 Dec 2020 15:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.1	29.4	44.2
182	3.3	2.6	3.8





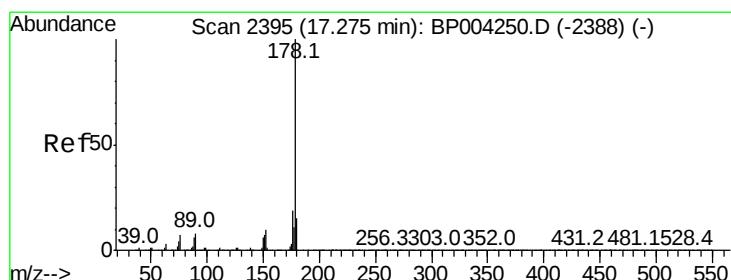
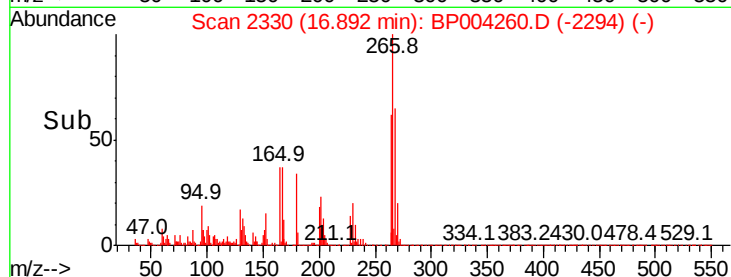
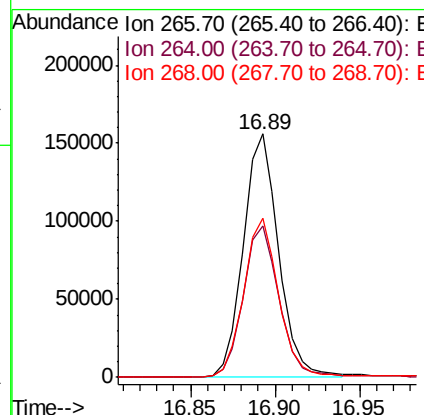
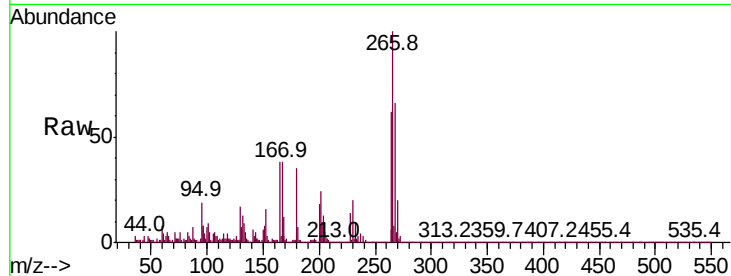
#69
 Pentachlorophenol
 Concen: 20.084 ng/ul
 RT: 16.89 min Scan# 2330
 Delta R.T. 0.01 min
 Lab File: BP004260.D
 Acq: 12 Dec 2020 15:43

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Tot Ion	Ratio	Resp Lower	Upper
266	100		
264	62.2	49.8	74.6
268	65.5	52.0	78.0

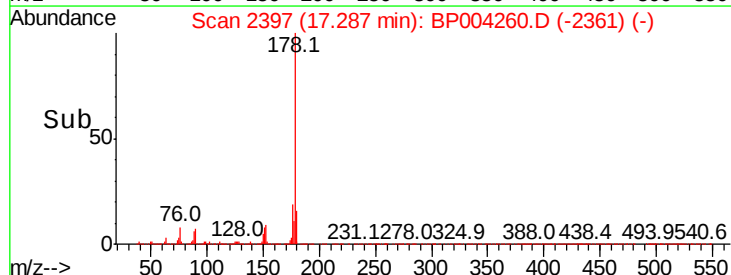
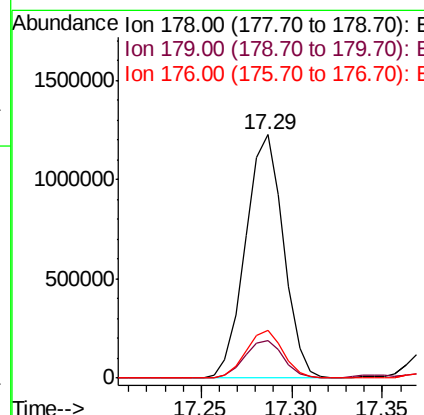
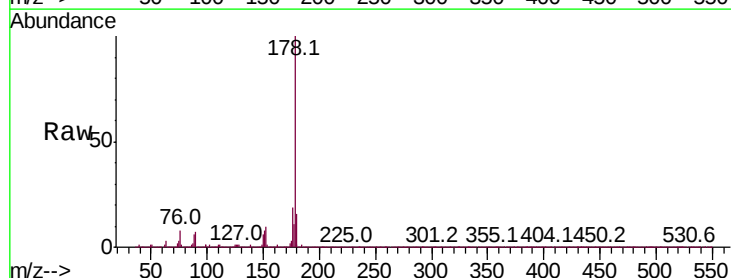
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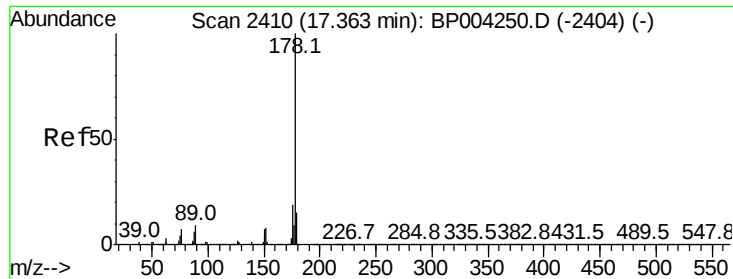
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#70
 Phenanthrene
 Concen: 17.173 ng/ul
 RT: 17.29 min Scan# 2397
 Delta R.T. 0.01 min
 Lab File: BP004260.D
 Acq: 12 Dec 2020 15:43

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
179	15.6	12.4	18.6
176	19.4	15.4	23.0





#72

Anthracene

Concen: 2.086 ng/ul

RT: 17.37 min Scan# 2412

Delta R.T. 0.01 min

Lab File: BP004260.D

Acq: 12 Dec 2020 15:43

Instrument :

BNA_P

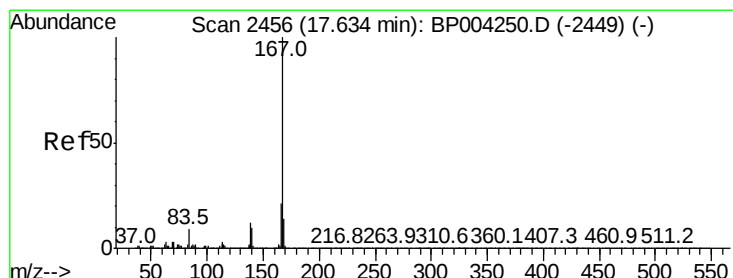
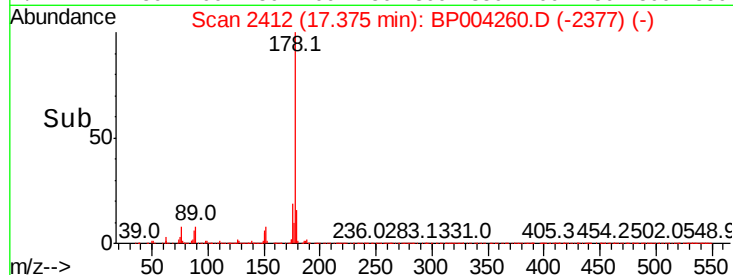
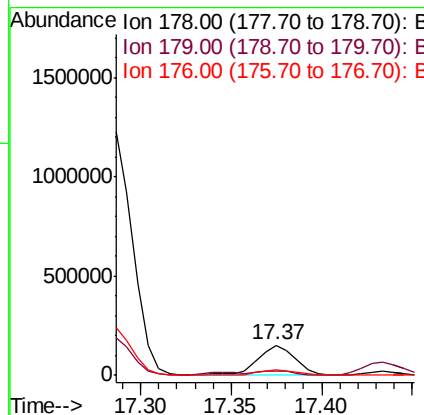
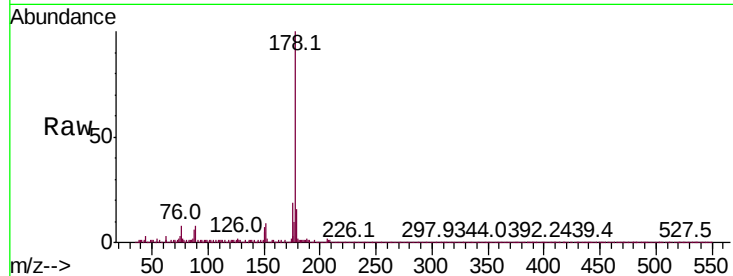
ClientSampleId :

A54A1MSD

Tot Ion:	178	Resp:	214604
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.3	18.5
176	18.9	14.9	22.3

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#75

Carbazole

Concen: 2.920 ng/ul

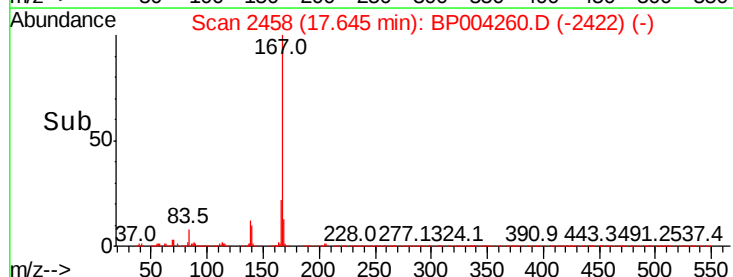
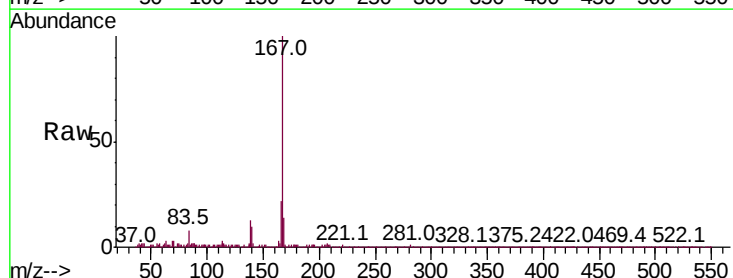
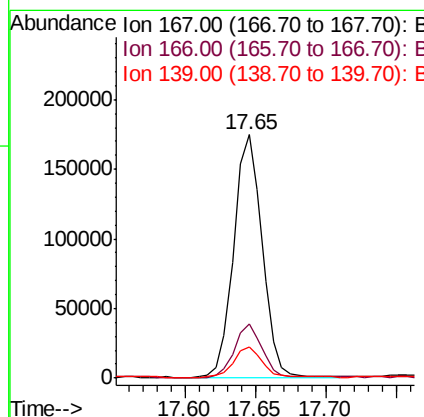
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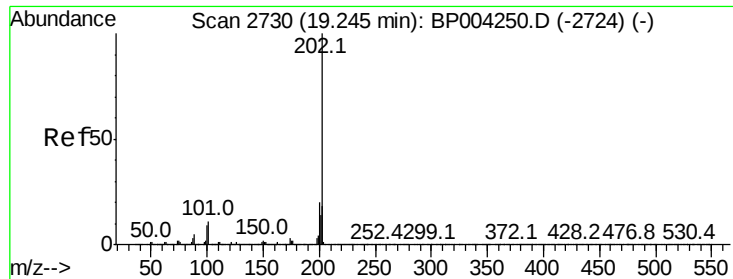
Delta R.T. 0.01 min

Lab File: BP004260.D

Acq: 12 Dec 2020 15:43

Tgt Ion:	167	Resp:	244491
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.1	25.7
139	12.6	9.8	14.6





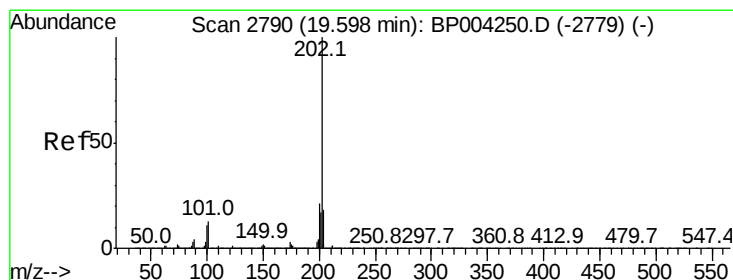
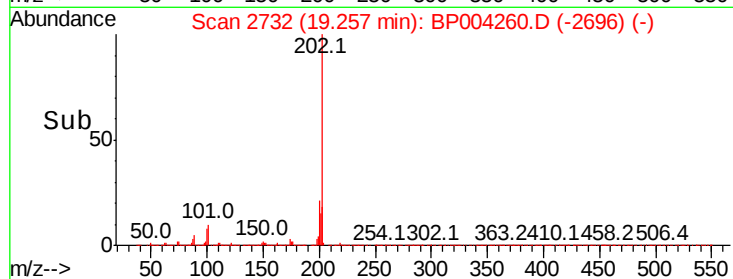
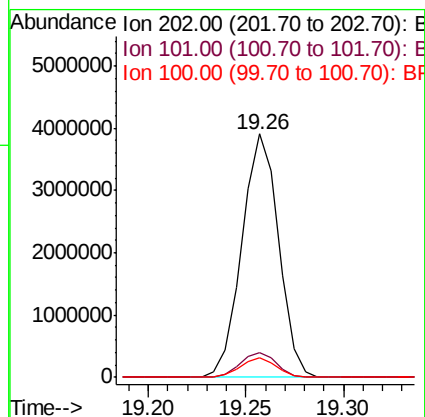
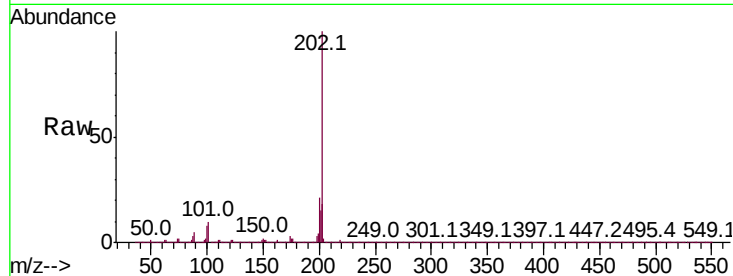
#77
Fluoranthene
 Concen: 45.743 ng/ul
 RT: 19.26 min Scan# 2732
 Delta R.T. 0.01 min
 Lab File: BP004260.D
 Acq: 12 Dec 2020 15:43

Instrument :
 BNA_P
 ClientSampleId :
 A54A1MSD

Tot Ion:	202	Resp:	5079808
Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.1	13.7
100	7.8	7.1	10.7

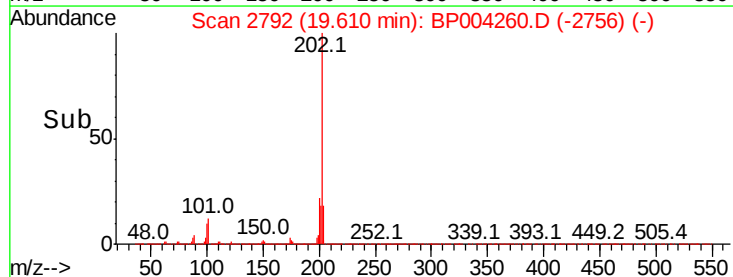
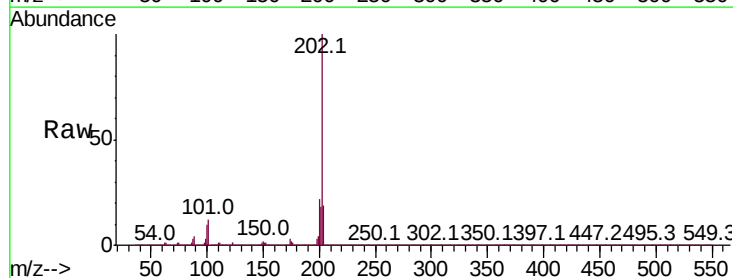
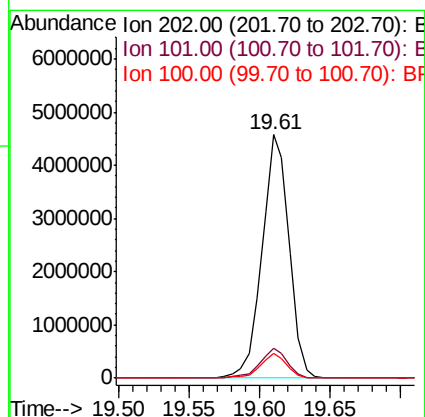
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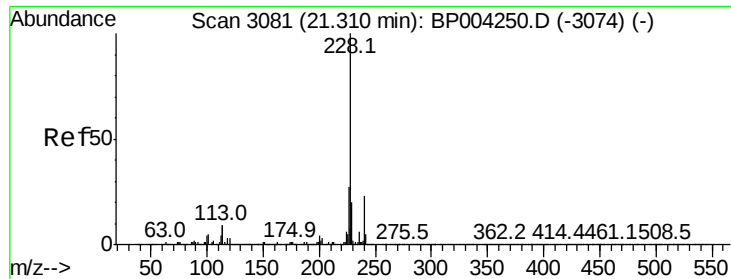
mohammad
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#80
Pyrene
 Concen: 52.110 ng/ul
 RT: 19.61 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BP004260.D
 Acq: 12 Dec 2020 15:43

Tgt Ion:	202	Resp:	6155022
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: 17.305 ng/ul

RT: 21.32 min Scan# 3083

Delta R.T. 0.01 min

Lab File: BP004260.D

Acq: 12 Dec 2020 15:43

Instrument :

BNA_P

ClientSampleId :

A54A1MSD

Tot Ion:228 Resp: 1997314

Ion Ratio Lower Upper

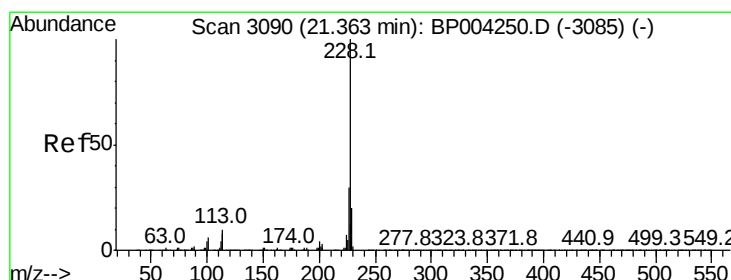
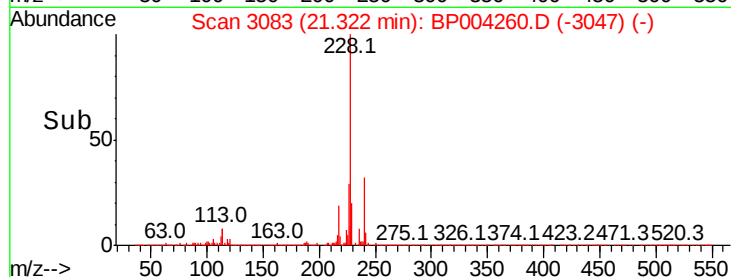
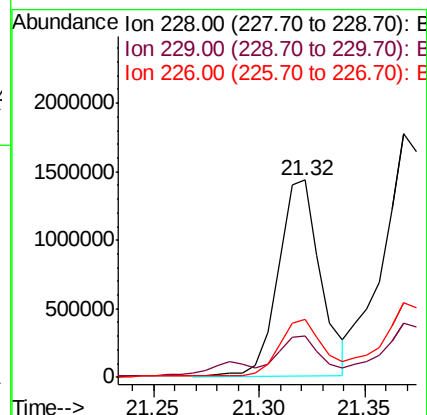
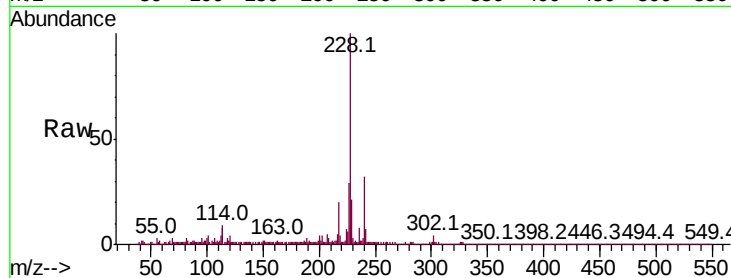
228 100

229 21.3 15.8 23.8

226 29.2 21.7 32.5

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#85

Chrysene

Concen: 23.508 ng/ul

RT: 21.37 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BP004260.D

Acq: 12 Dec 2020 15:43

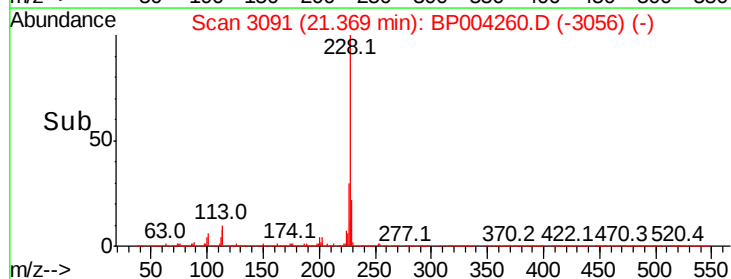
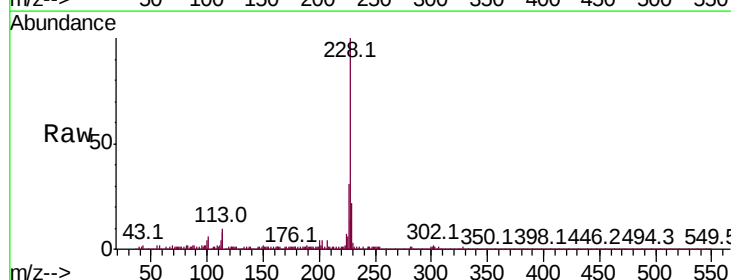
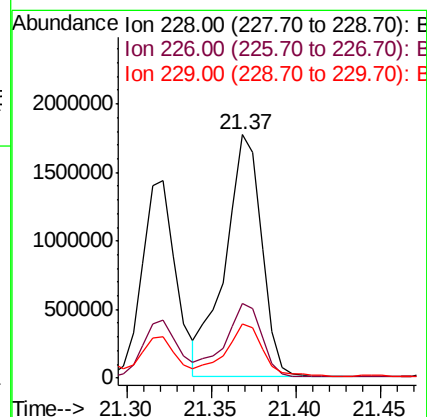
Tgt Ion:228 Resp: 2661763

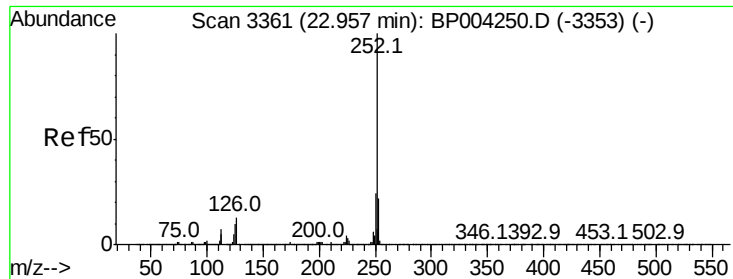
Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 22.2 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 31.190 ng/u1

RT: 22.98 min Scan# 3365

Delta R.T. 0.02 min

Lab File: BP004260.D

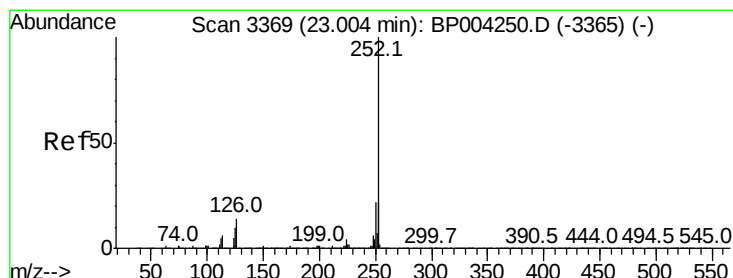
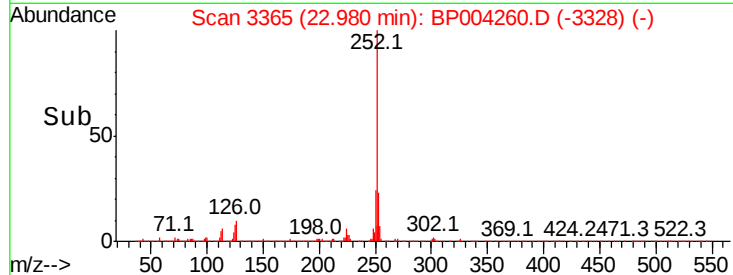
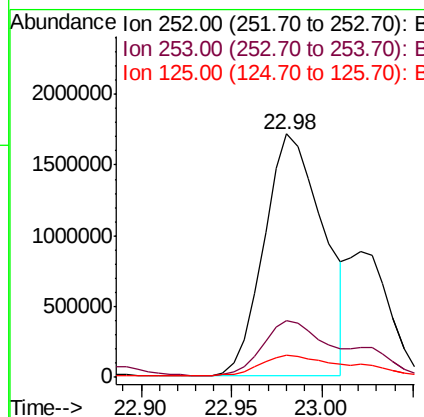
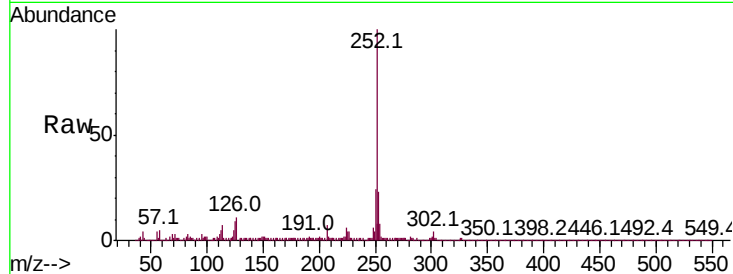
Acq: 12 Dec 2020 15:43

Instrument :
BNA_P
ClientSampleId :
A54A1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	9.3	7.7	11.5

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#89

Benzo(k)fluoranthene

Concen: 10.721 ng/u1 m

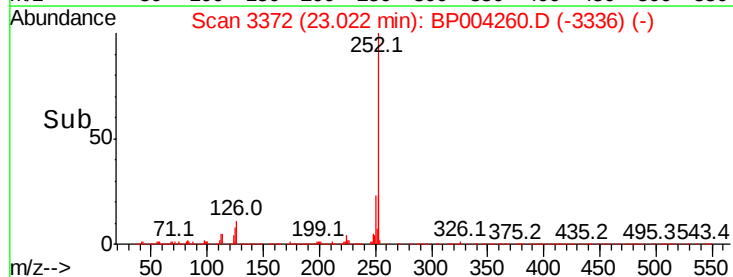
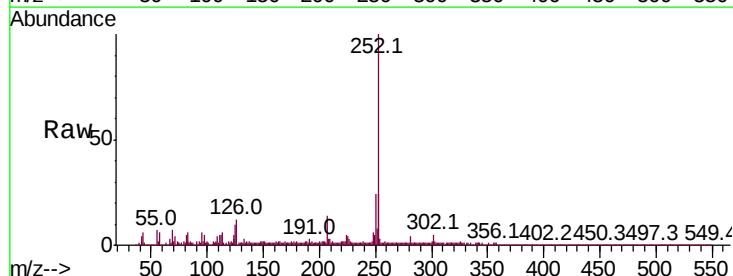
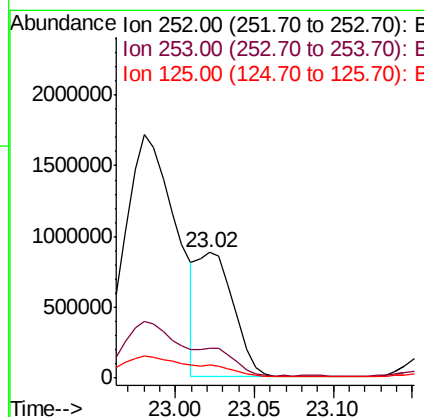
RT: 23.02 min Scan# 3372

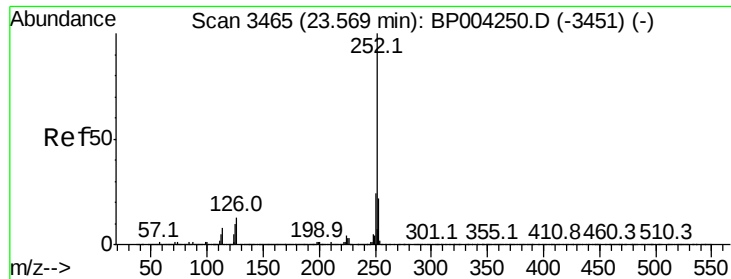
Delta R.T. 0.01 min

Lab File: BP004260.D

Acq: 12 Dec 2020 15:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	10.1	7.3	10.9





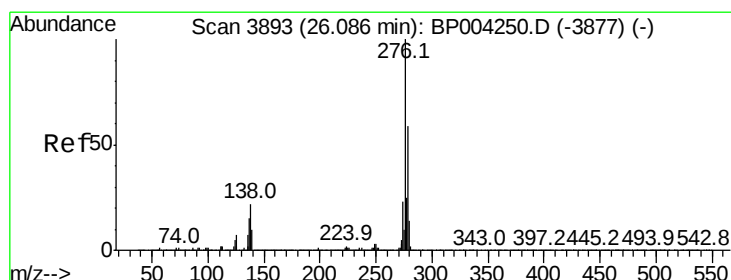
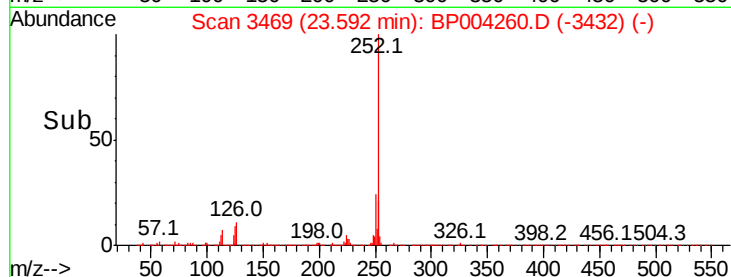
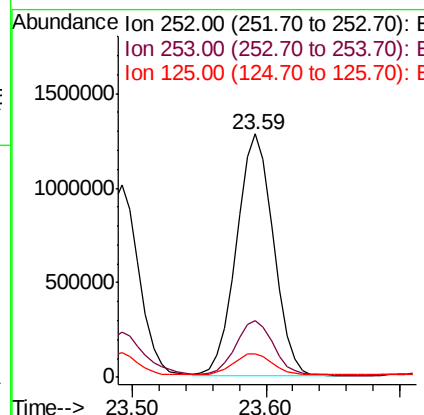
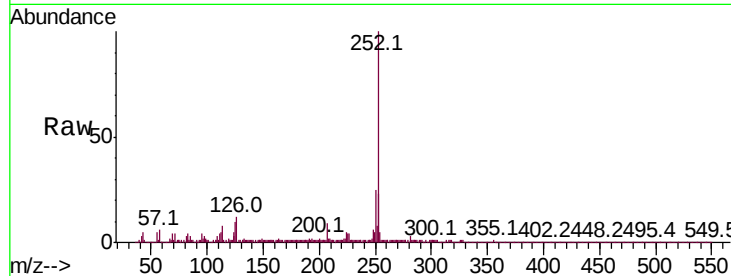
#91
Benzo(a)pyrene
Concen: 20.967 ng/ul
RT: 23.59 min Scan# 3469
Delta R.T. 0.02 min
Lab File: BP004260.D
Acq: 12 Dec 2020 15:43

Instrument :
BNA_P
ClientSampleId :
A54A1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	9.9	7.8	11.6

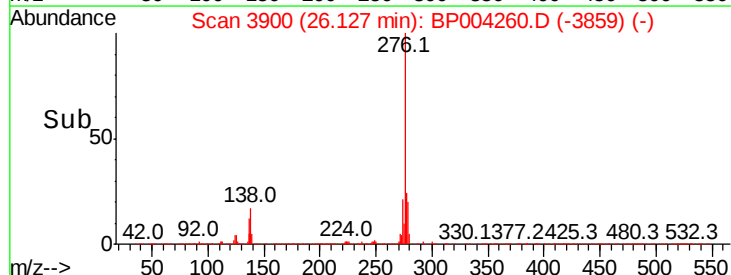
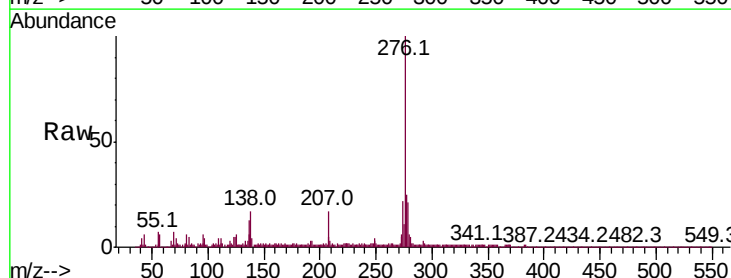
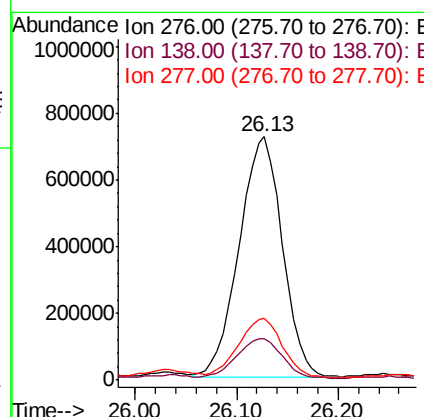
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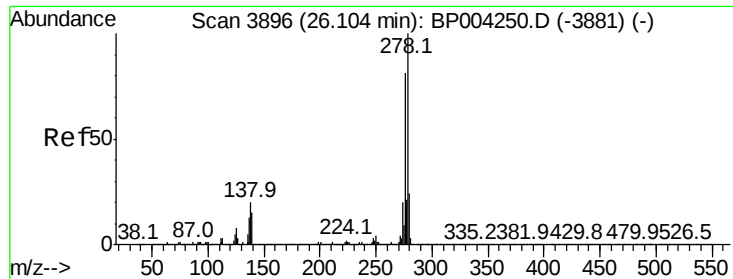
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#92
Indeno(1,2,3-cd)pyrene
Concen: 14.535 ng/ul
RT: 26.13 min Scan# 3900
Delta R.T. 0.04 min
Lab File: BP004260.D
Acq: 12 Dec 2020 15:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	17.8	26.6#
277	25.2	19.8	29.6





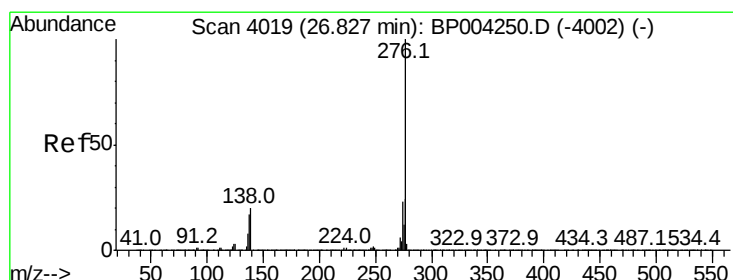
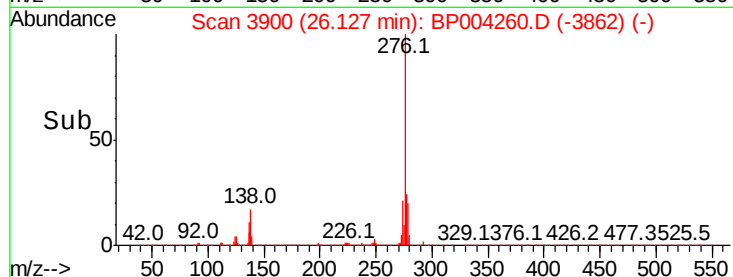
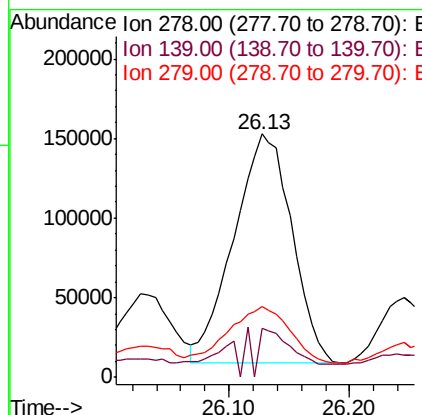
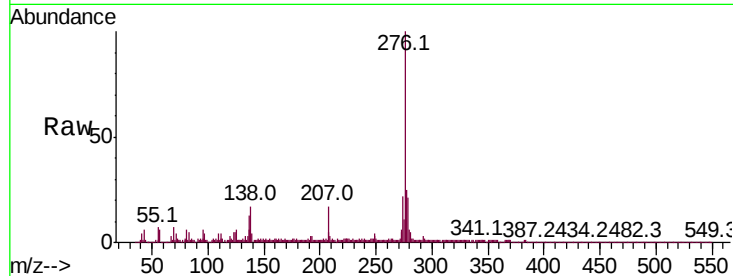
#93
Dibenzo(a,h)anthracene
Concen: 3.928 ng/ul
RT: 26.13 min Scan# 3900
Delta R.T. 0.02 min
Lab File: BP004260.D
Acq: 12 Dec 2020 15:43

Instrument :
BNA_P
ClientSampleId :
A54A1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.3	11.9	17.9#
279	29.2	18.6	28.0#

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#94
Benzo(g,h,i)perylene
Concen: 14.386 ng/ul
RT: 26.87 min Scan# 4026
Delta R.T. 0.04 min
Lab File: BP004260.D
Acq: 12 Dec 2020 15:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.6	25.0
277	24.6	18.5	27.7

