

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
 Data File : BP004253.D
 Acq On : 12 Dec 2020 11:45
 Operator : CG/JU
 Sample : L5063-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AD9

Manual Integrations
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Quant Time: Dec 14 14:25:28 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	374424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1433296	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	845044	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1734941	20.00	ng/ul	0.01
78) Chrysene-d12	21.34	240	1800412	20.00	ng/ul	0.02
86) Perylene-d12	23.73	264	2199279m	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	24713	2.32	ng/uL	0.00
5) Phenol-d5	6.99	99	534652	17.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	312588	16.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	433660	18.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	418998	17.90	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	214440	18.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	223426	23.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	413962	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	687356	26.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1097151	16.99	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1536887	18.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	202708	18.58	ng/ul	0.01
58) Fluorene-d10	15.48	176	1043388	17.84	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	127251	15.29	ng/ul	0.02
71) Anthracene-d10	17.35	188	1596304	18.88	ng/ul	0.01
79) Pyrene-d10	19.59	212	1867647	19.91	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.58	264	2192849	18.93	ng/ul	0.06

Target Compounds

					Ovalue	
6) Phenol	7.02	94	38152	1.180	ng/ul#	89
24) 2,4-Dimethylphenol	9.83	107	29462m	1.179	ng/ul	
28) Naphthalene	10.67	128	1051480	12.940	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	2768775	50.647	ng/ul	99
41) 1,1'-Biphenyl	13.31	154	424652	5.992	ng/ul	98
45) Dimethylphthalate	13.93	163	110774	1.684	ng/ul#	75
48) Acenaphthylene	14.20	152	185104	2.263	ng/ul#	1
50) Acenaphthene	14.54	153	241313	4.166	ng/ul	93
59) Fluorene	15.53	166	469218	7.188	ng/ul#	81
70) Phenanthrene	17.29	178	5756705	56.243	ng/ul	96
72) Anthracene	17.37	178	753539m	7.441	ng/ul	
77) Fluoranthene	19.26	202	1457989	13.340	ng/ul#	95
80) Pyrene	19.62	202	7824958	64.431	ng/ul#	94
83) Benzo(a)anthracene	21.33	228	936827	7.894	ng/ul#	29
85) Chrysene	21.38	228	1207483m	10.371	ng/ul	
88) Benzo(b)fluoranthene	23.01	252	680660m	4.880	ng/ul	
91) Benzo(a)pyrene	23.63	252	620489m	4.768	ng/ul	
92) Indeno(1,2,3-cd)pyrene	26.17	276	331090m	2.029	ng/ul	
93) Dibenzo(a,h)anthracene	26.17	278	147544m	1.079	ng/ul	
94) Benzo(g,h,i)perylene	26.92	276	527780m	3.854	ng/ul	

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

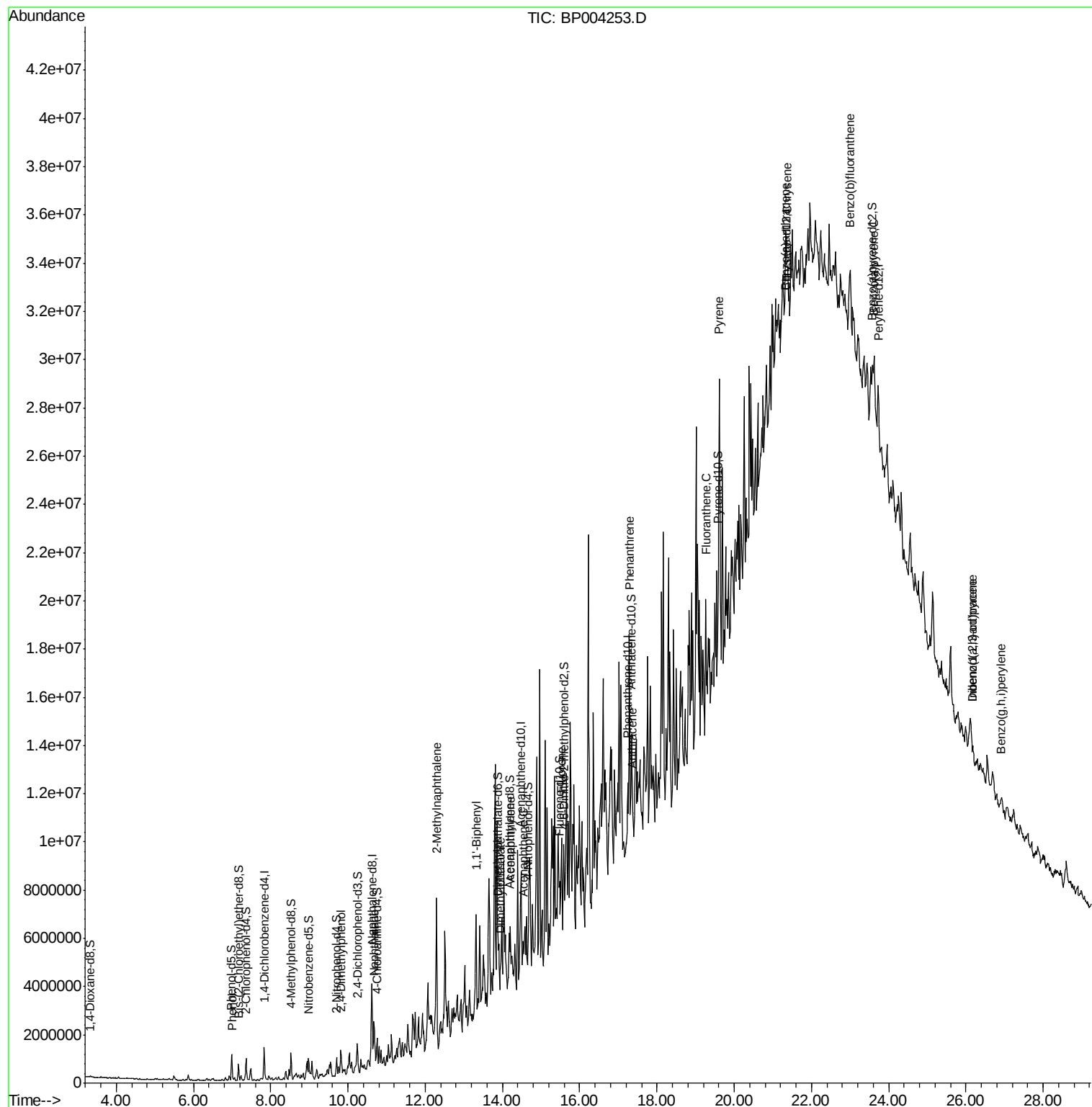
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004253.D
Acq On : 12 Dec 2020 11:45
Operator : CG/JU
Sample : L5063-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

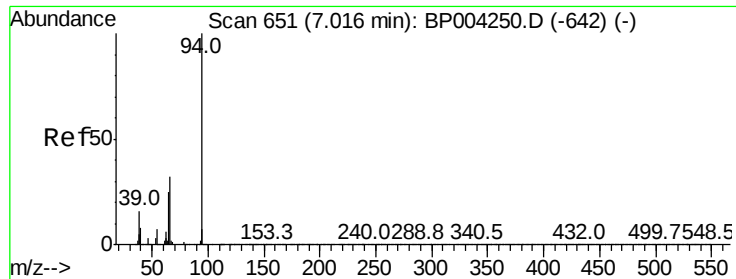
Instrument :
BNA_P
ClientSampleId :
C0AD9

Quant Time: Dec 14 14:25:28 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

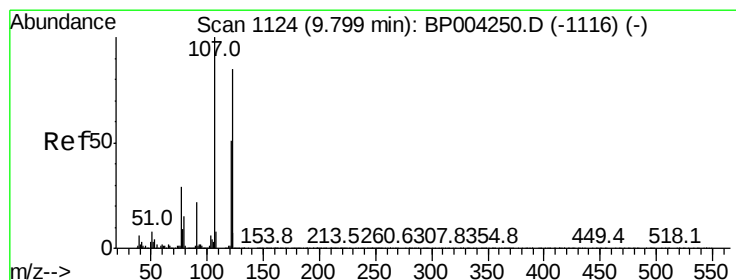
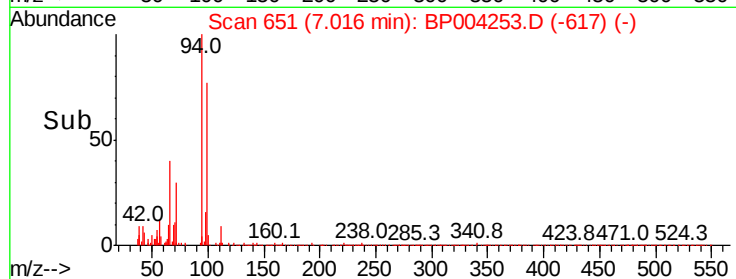
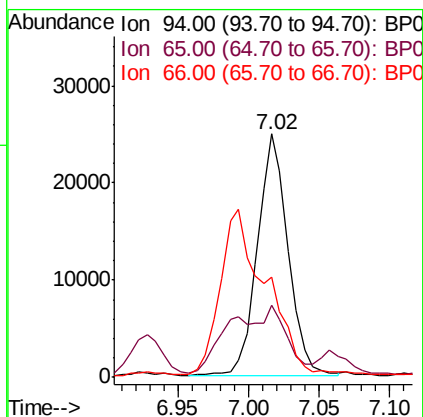
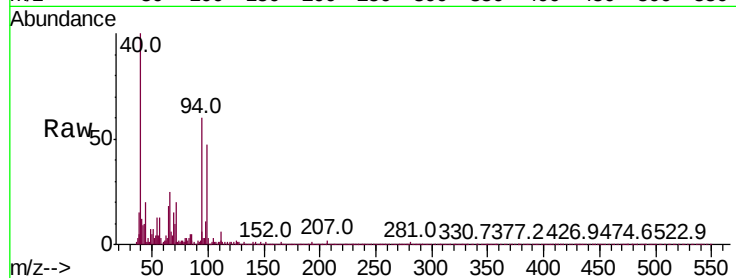
Concen: 1.180 ng/ul
 RT: 7.02 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BP004253.D
 Acq: 12 Dec 2020 11:45

Instrument :
 BNA_P
 ClientSampleId :
 C0AD9

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.7	20.8	31.2
66	41.1	26.5	39.7

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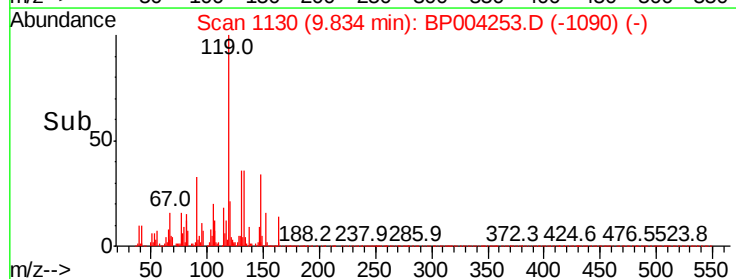
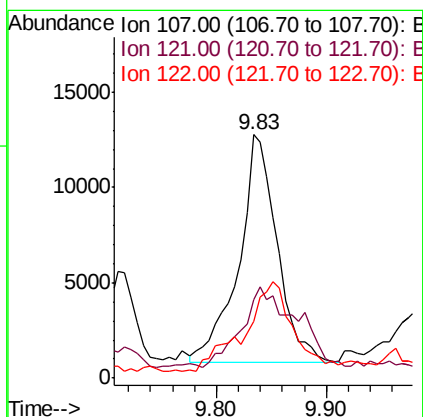
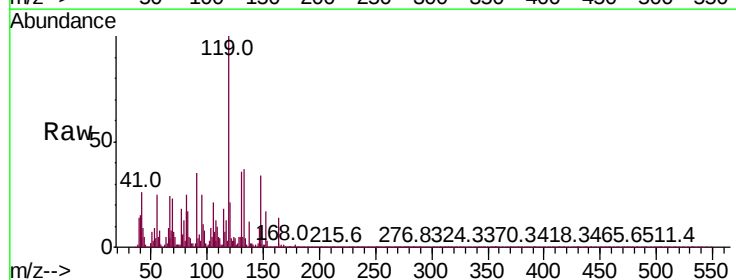


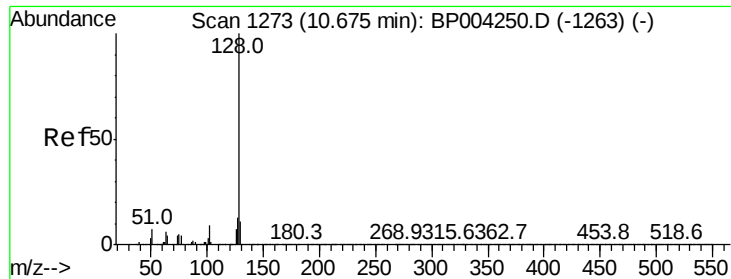
#24

2,4-Dimethylphenol

Concen: 1.179 ng/ul m
 RT: 9.83 min Scan# 1130
 Delta R.T. 0.04 min
 Lab File: BP004253.D
 Acq: 12 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
107	100		
121	32.1	41.2	61.8
122	23.2	69.3	103.9





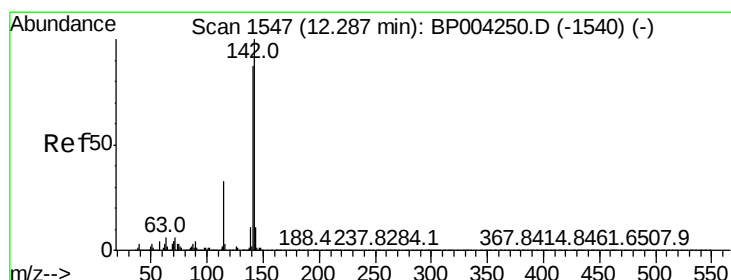
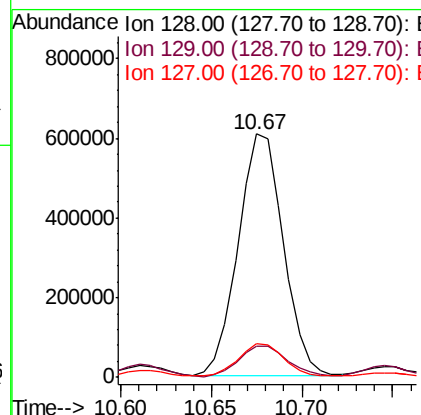
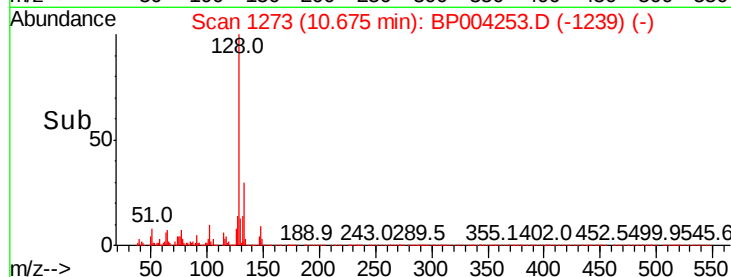
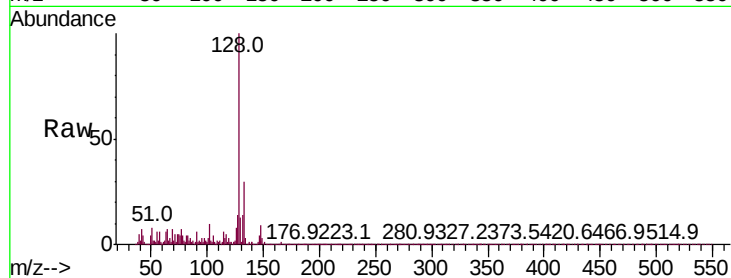
#28
Naphthalene
Concen: 12.940 ng/ul
RT: 10.67 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BP004253.D
Acq: 12 Dec 2020 11:45

Instrument :
BNA_P
ClientSampleId :
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Tot Ion:128 Resp: 1051480
Ion Ratio Lower Upper
128 100
129 12.8 8.8 13.2
127 14.0 10.6 16.0

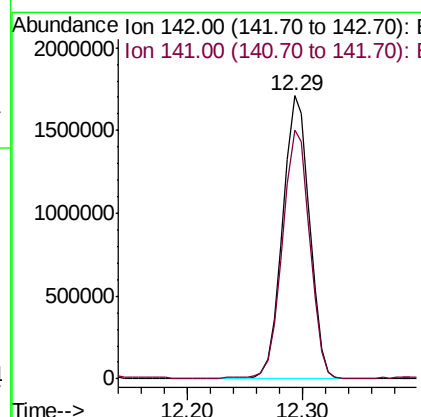
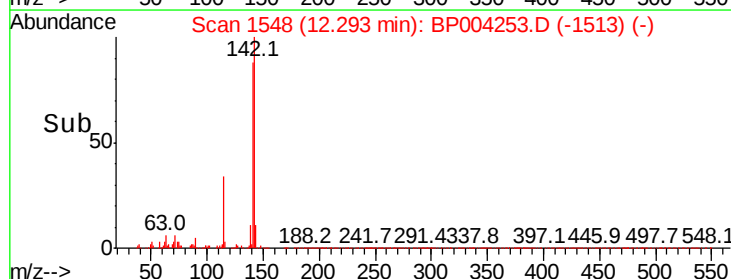
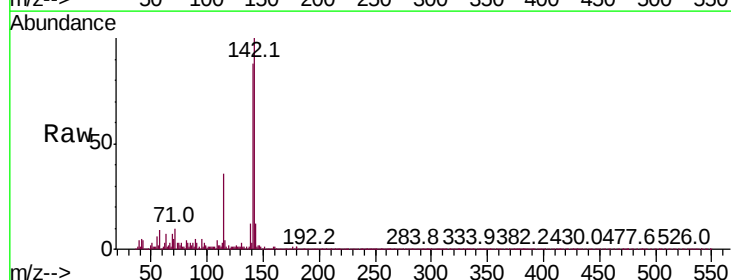
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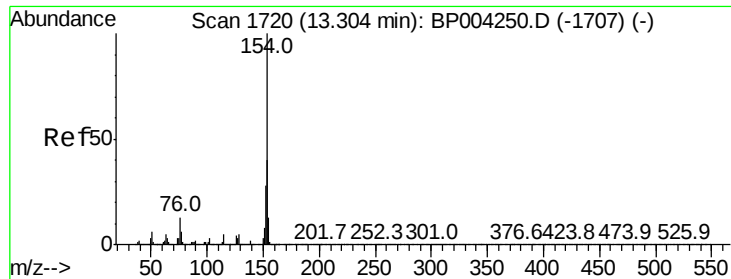
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#34
2-Methylnaphthalene
Concen: 50.647 ng/ul
RT: 12.29 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BP004253.D
Acq: 12 Dec 2020 11:45

Tgt Ion:142 Resp: 2768775
Ion Ratio Lower Upper
142 100
141 88.0 69.7 104.5





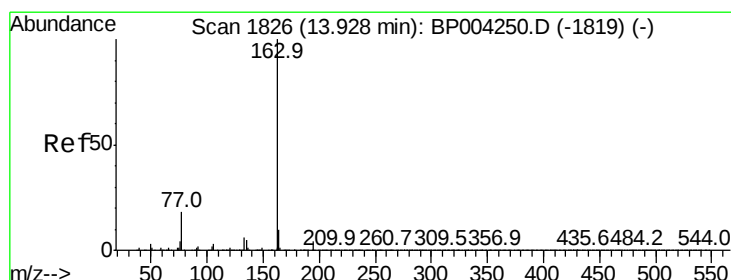
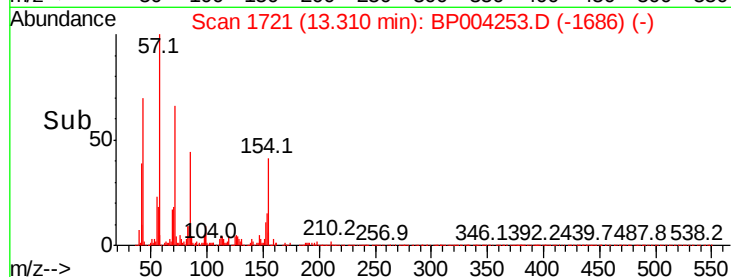
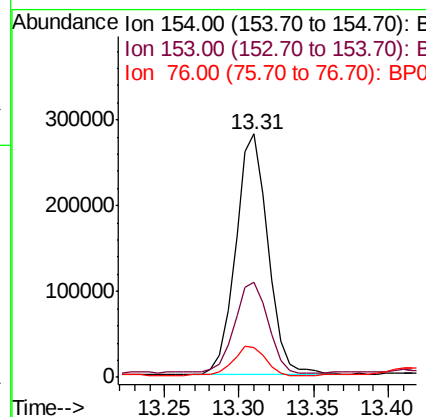
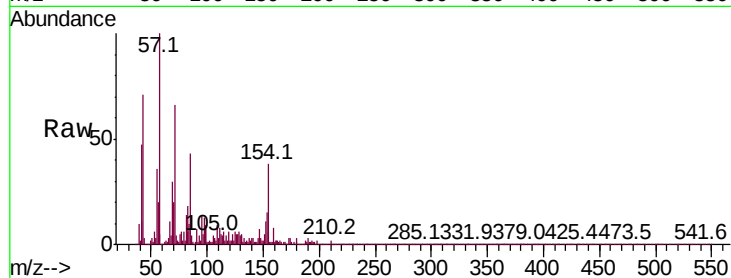
#41
1,1'-Biphenyl
Concen: 5.992 ng/ul
RT: 13.31 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BP004253.D
Acq: 12 Dec 2020 11:45

Instrument :
BNA_P
ClientSampleId :
C0AD9

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	39.2	32.2	48.2
76	12.3	11.0	16.6

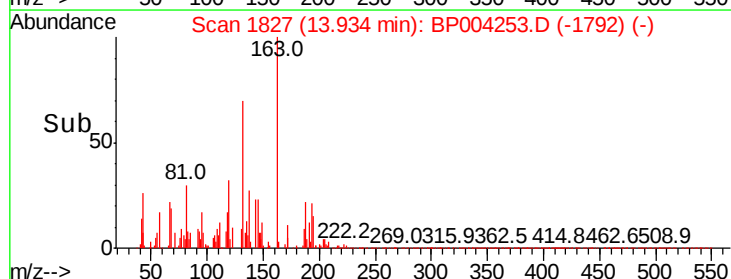
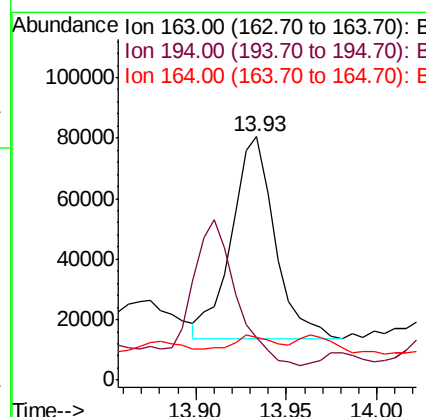
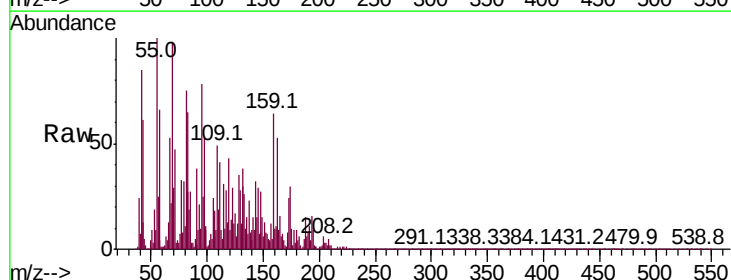
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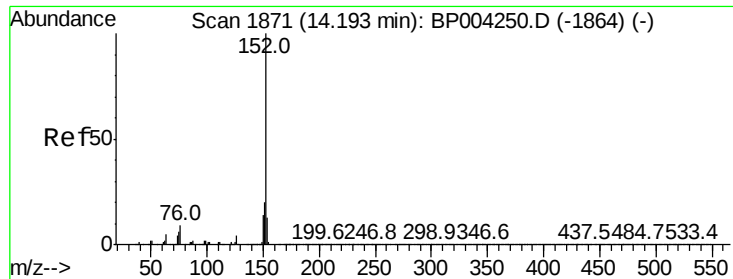
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#45
Dimethylphthalate
Concen: 1.684 ng/ul
RT: 13.93 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BP004253.D
Acq: 12 Dec 2020 11:45

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	17.8	3.4	5.2#
164	17.6	8.4	12.6#





#48

Acenaphthylene

Concen: 2.263 ng/ul

RT: 14.20 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BP004253.D

Acq: 12 Dec 2020 11:45

Instrument :

BNA_P

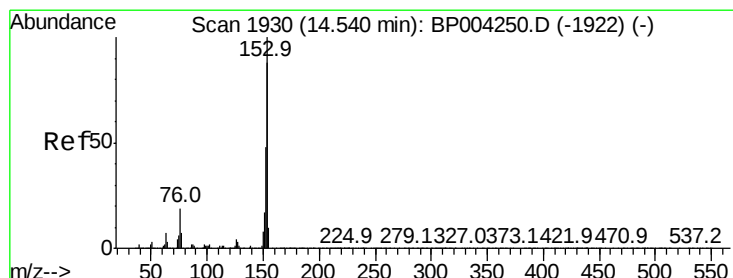
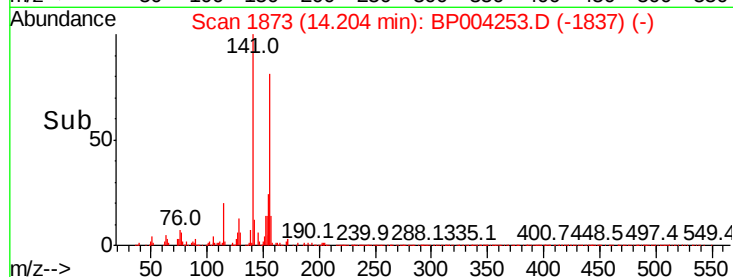
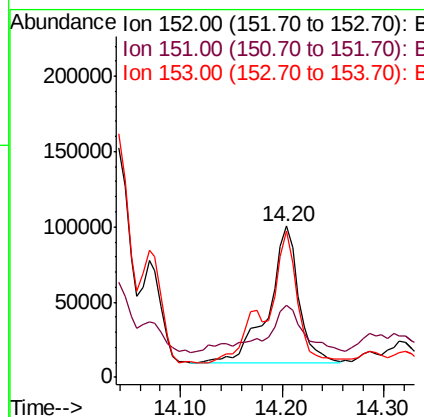
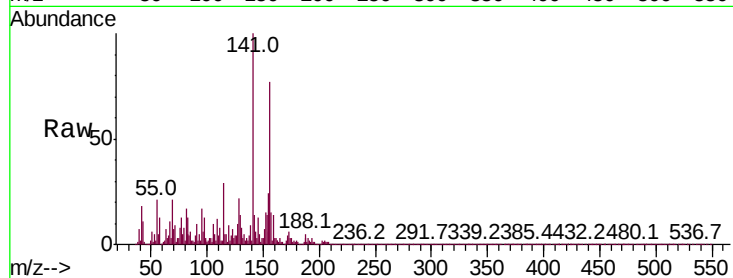
ClientSampleId :

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Tot Ion:	152	Resp:	185104
Ion Ratio	Lower	Upper	
152	100		
151	47.6	15.8	23.8#
153	96.3	10.6	16.0#

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#50

Acenaphthene

Concen: 4.166 ng/ul

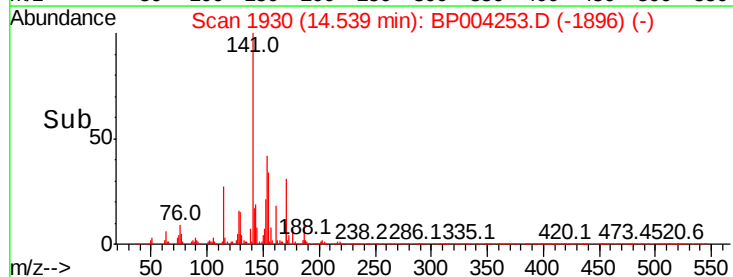
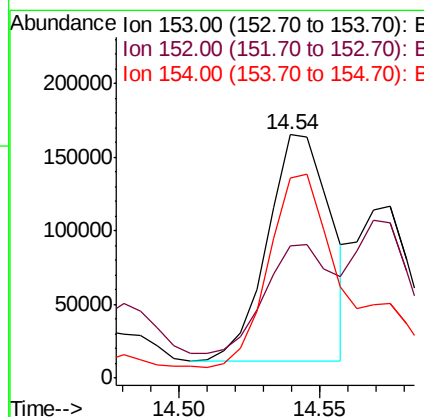
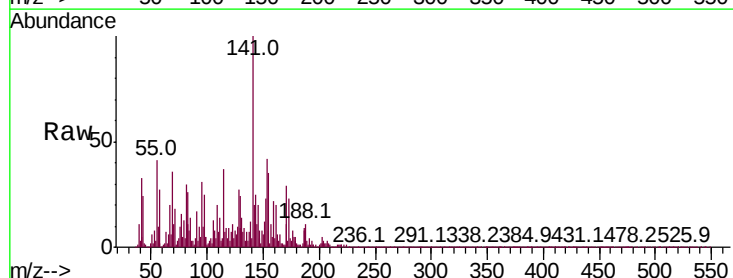
RT: 14.54 min Scan# 1930

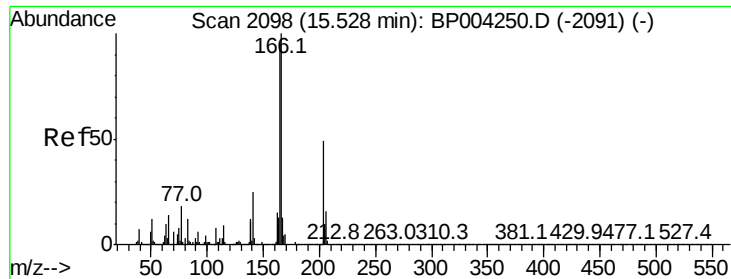
Delta R.T. -0.00 min

Lab File: BP004253.D

Acq: 12 Dec 2020 11:45

Tgt Ion:	153	Resp:	241313
Ion Ratio	Lower	Upper	
153	100		
152	54.3	37.8	56.6
154	82.2	69.8	104.8





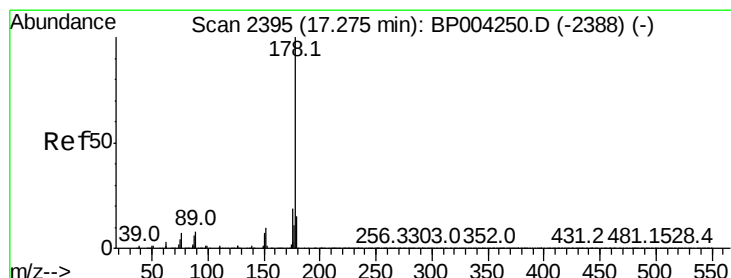
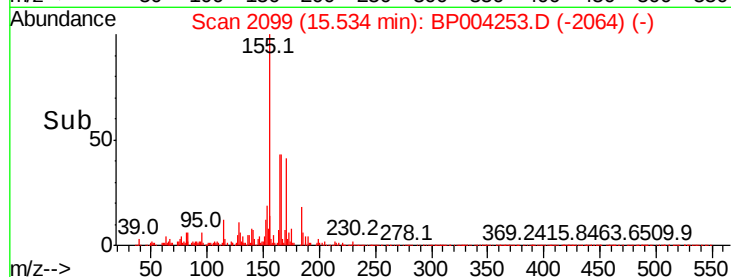
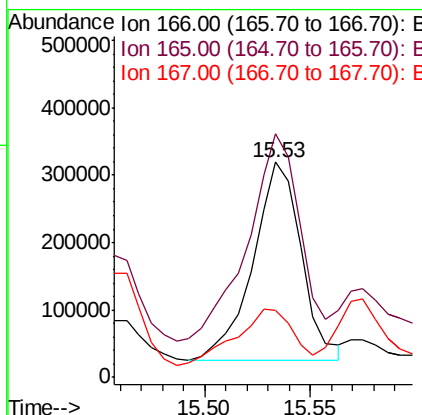
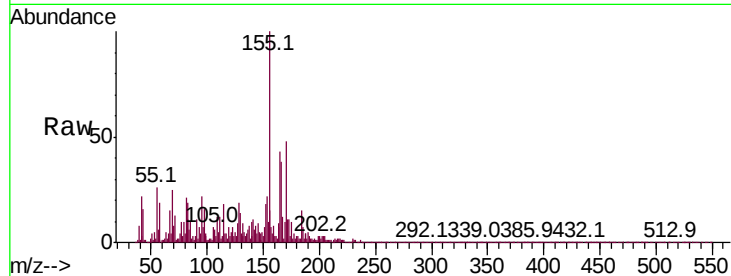
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Fluorene
Concen: 7.188 ng/ul
RT: 15.53 min Scan# 2099
Delta R.T. 0.01 min
Lab File: BP004253.D
Acq: 12 Dec 2020 11:45

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	113.2	78.2	117.2
167	31.3	10.8	16.2

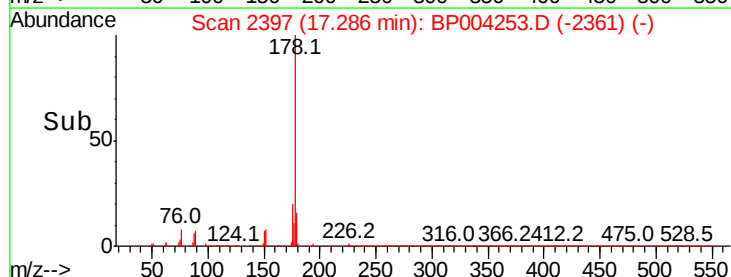
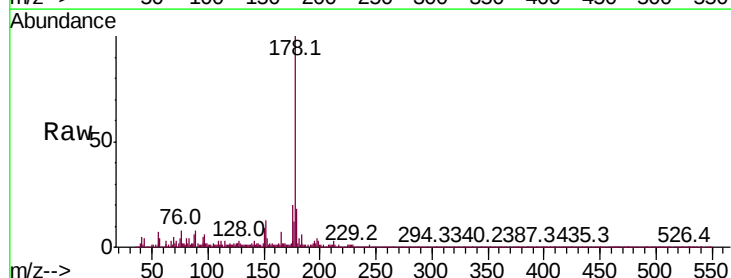
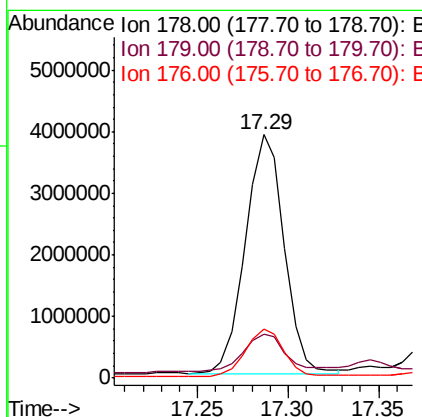
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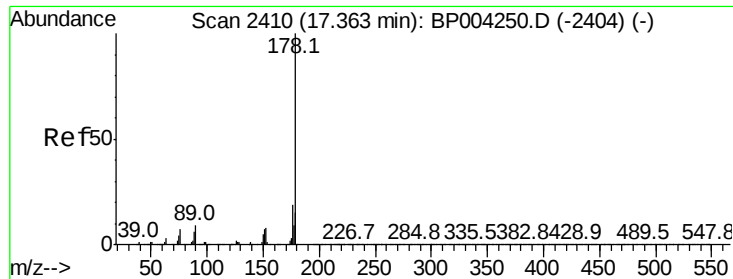
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#70
Phenanthrene
Concen: 56.243 ng/ul
RT: 17.29 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BP004253.D
Acq: 12 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.4	18.6
176	20.1	15.4	23.0





#72

Anthracene

Concen: 7.441 ng/ul

RT: 17.37 min Scan# 2412

Delta R.T. 0.01 min

Lab File: BP004253.D

Acq: 12 Dec 2020 11:45

Instrument :

BNA_P

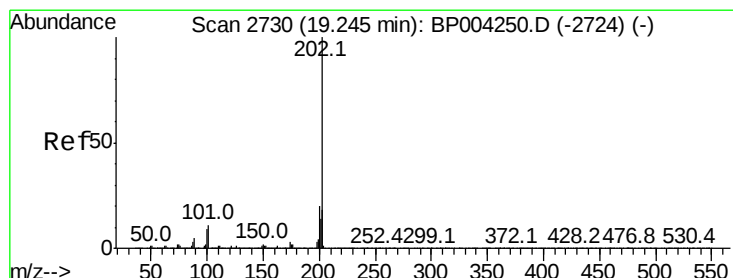
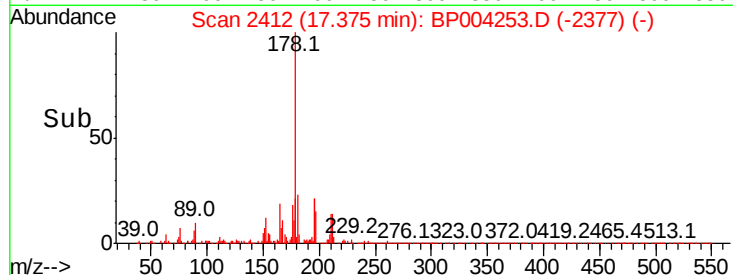
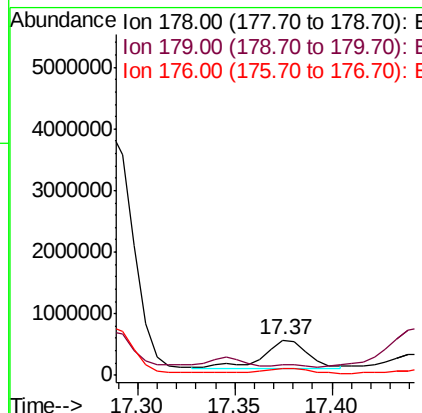
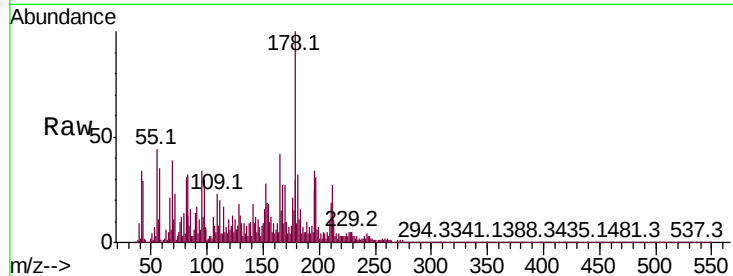
ClientSampleId :

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Tot Ion:178	Resp:	753539
Ion Ratio	Lower	Upper
178	100	
179	30.3	12.3 18.5#
176	20.9	14.9 22.3

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#77

Fluoranthene

Concen: 13.340 ng/ul

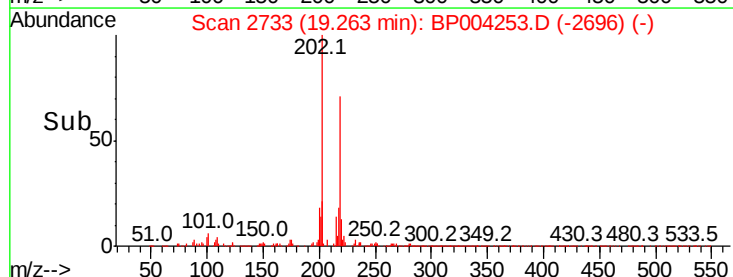
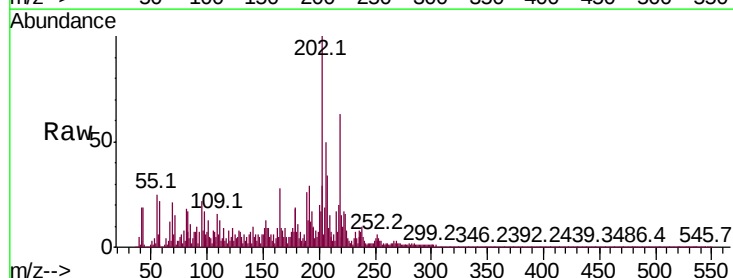
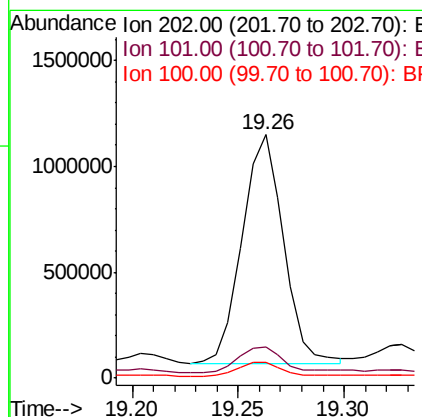
RT: 19.26 min Scan# 2733

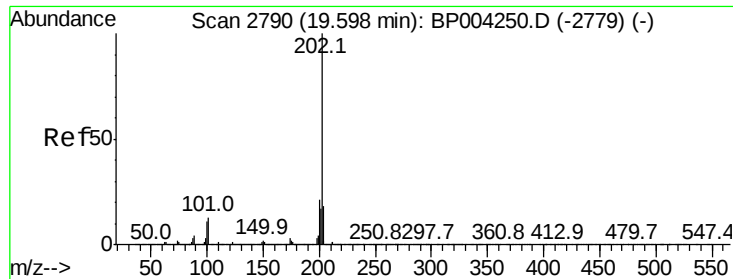
Delta R.T. 0.02 min

Lab File: BP004253.D

Acq: 12 Dec 2020 11:45

Tgt Ion:202	Resp:	1457989
Ion Ratio	Lower	Upper
202	100	
101	12.7	9.1 13.7
100	6.7	7.1 10.7#





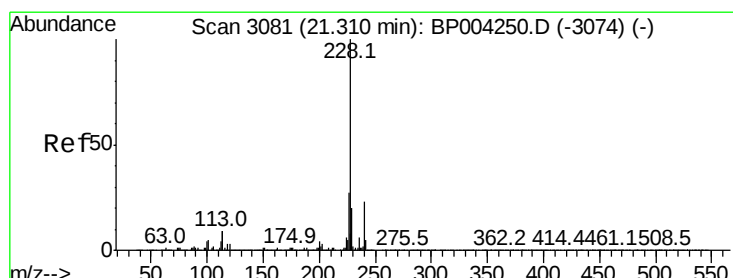
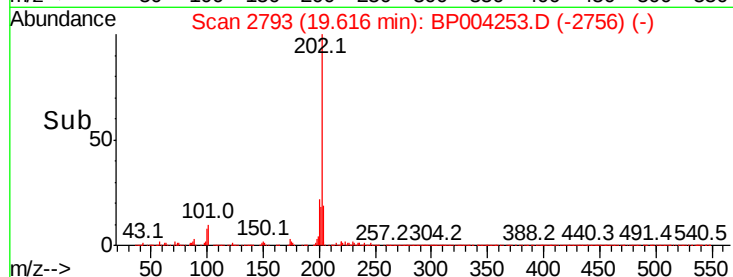
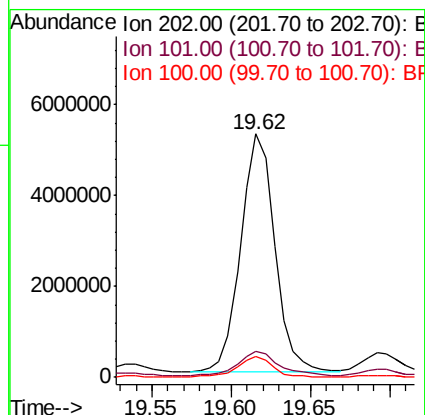
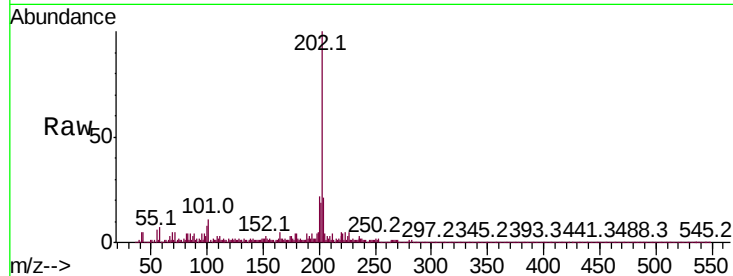
#80
Pvrene
Concen: 64.431 ng/ul
RT: 19.62 min Scan# 2793
Delta R.T. 0.02 min
Lab File: BP004253.D
Acq: 12 Dec 2020 11:45

Instrument :
BNA_P
ClientSampleId :
C0AD9

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	10.6	15.8
100	8.4	8.6	12.8#

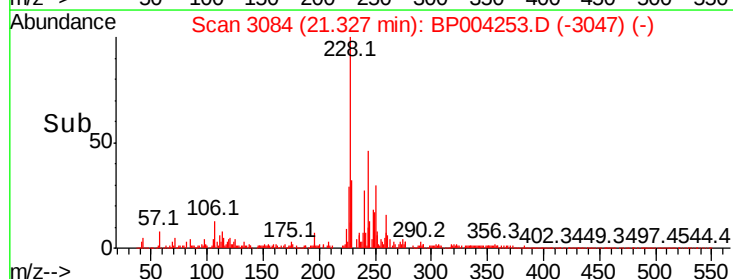
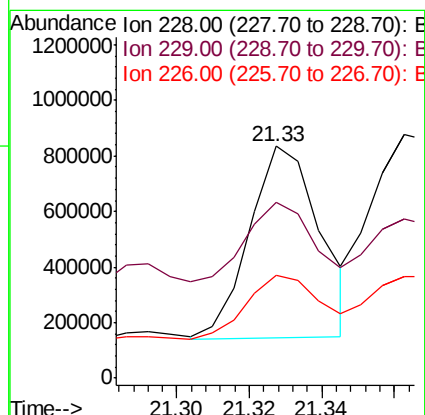
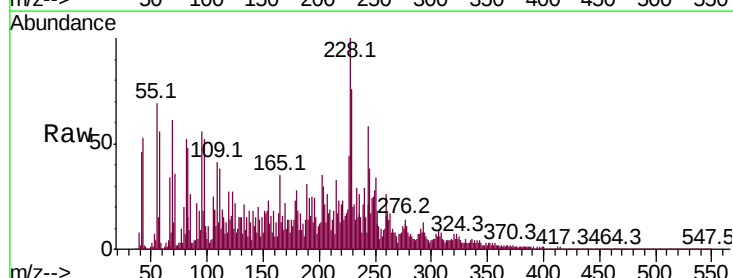
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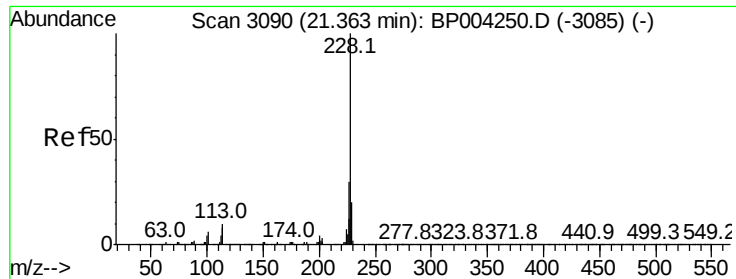
mohammad
12/14/2020 2:45:37 PM



#83
Benzo(a)anthracene
Concen: 7.894 ng/ul
RT: 21.33 min Scan# 3084
Delta R.T. 0.02 min
Lab File: BP004253.D
Acq: 12 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	76.0	15.8	23.8#
226	44.3	21.7	32.5#





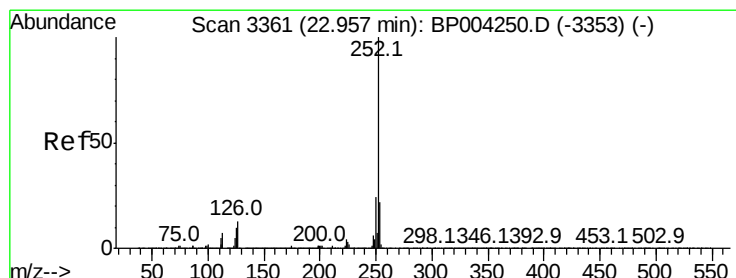
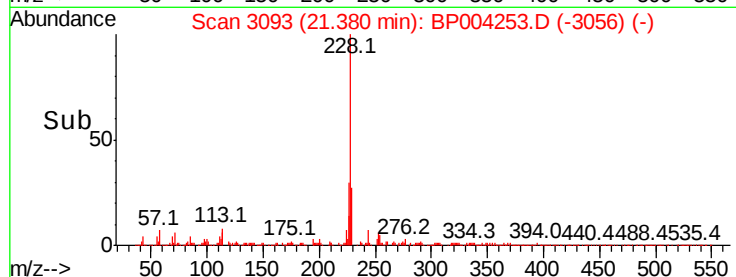
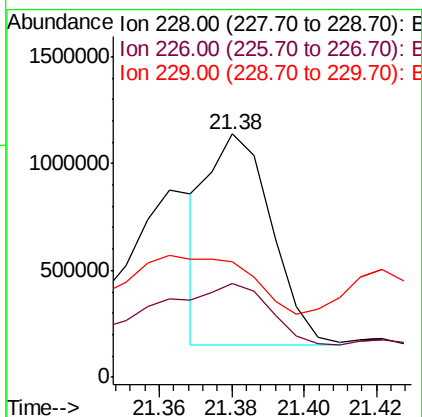
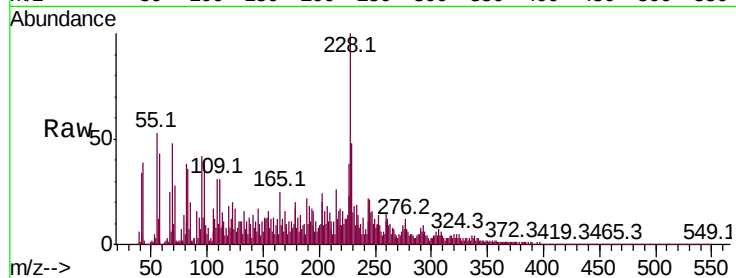
#85
Chrysene
Concen: 10.371 ng/ul m
RT: 21.38 min Scan# 3093
Delta R.T. 0.02 min
Lab File: BP004253.D
Acq: 12 Dec 2020 11:45

Instrument :
BNA_P
ClientSampled :
C0AD9

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.4	24.2	36.2#
229	47.7	15.8	23.8#

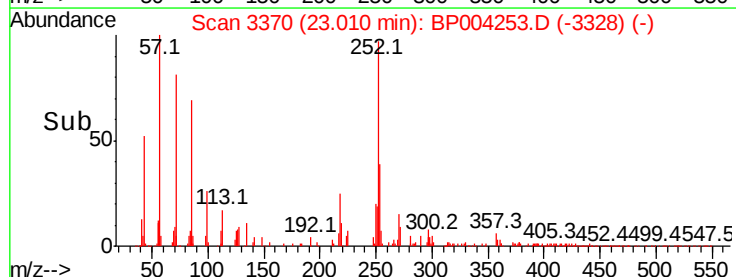
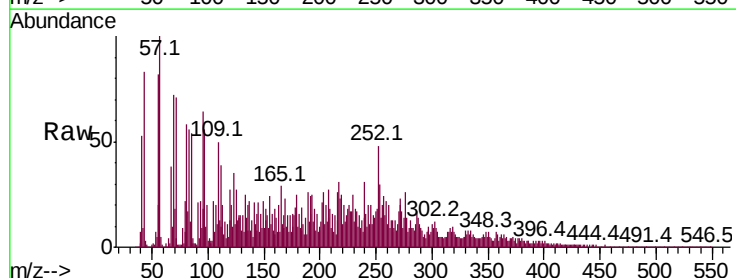
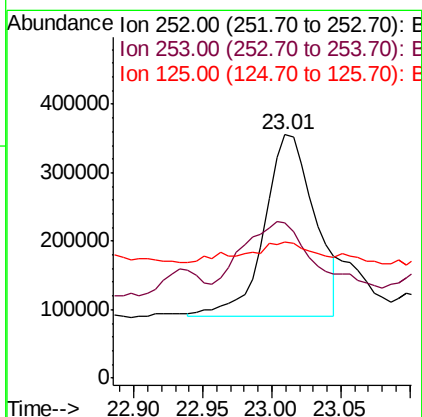
Manual Integrations
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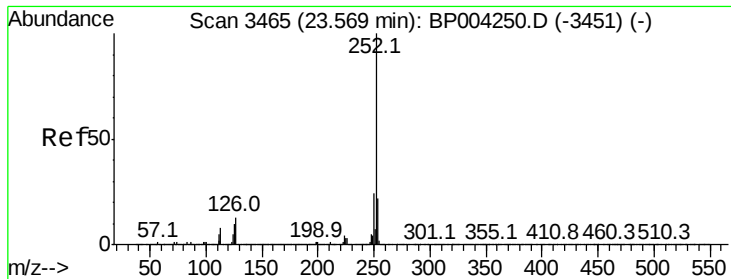
mohammad
12/14/2020 2:45:37 PM



#88
Benzo(b)fluoranthene
Concen: 4.880 ng/ul m
RT: 23.01 min Scan# 3370
Delta R.T. 0.05 min
Lab File: BP004253.D
Acq: 12 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	63.6	17.6	26.4#
125	55.8	7.7	11.5#





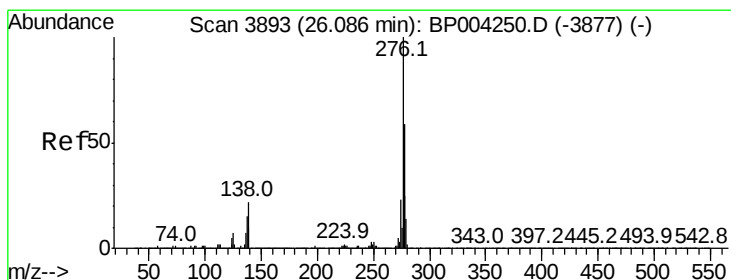
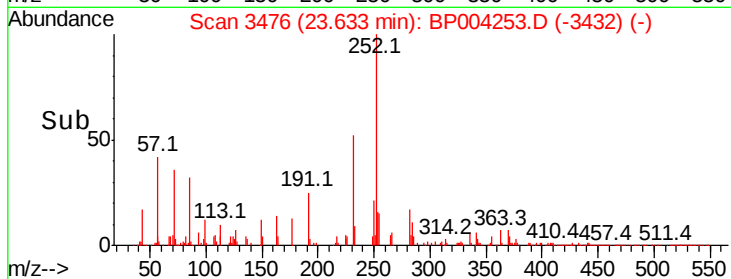
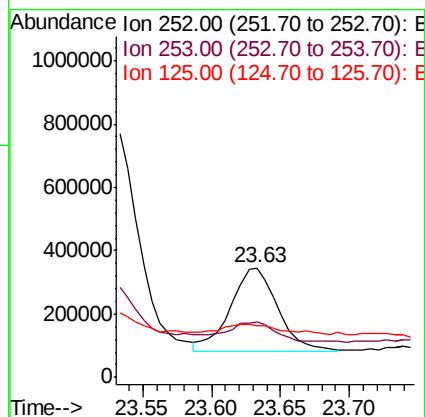
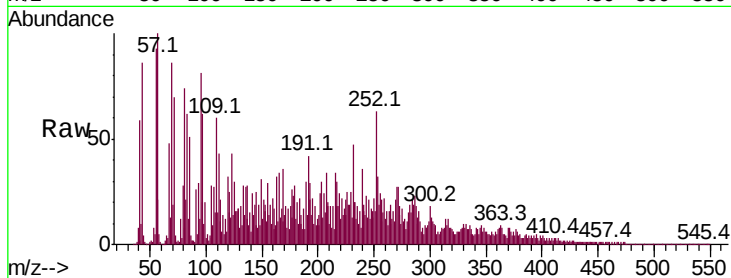
#91
Benzo(a)pyrene
Concen: 4.768 ng/ul m
RT: 23.63 min Scan# 3476
Delta R.T. 0.06 min
Lab File: BP004253.D
Acq: 12 Dec 2020 11:45

Instrument :
BNA_P
ClientSampleId :
C0AD9

Tot Ion	Ratio	Lower	Upper
252	100		
253	51.1	17.3	25.9#
125	47.6	7.8	11.6#

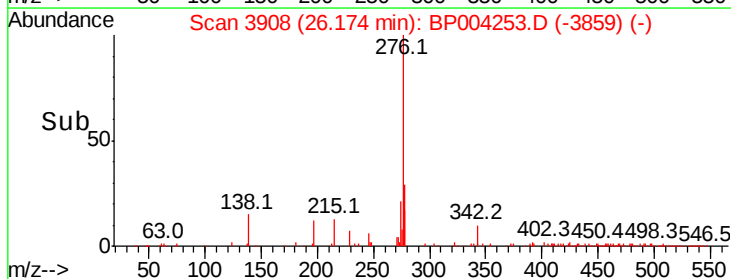
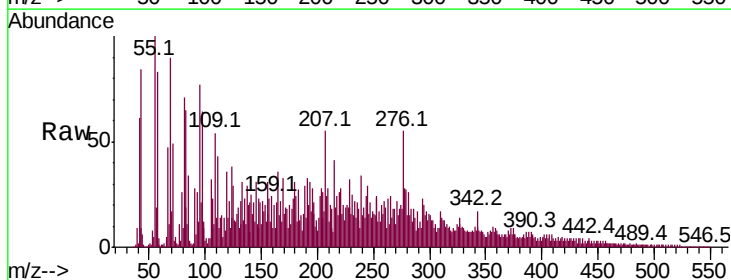
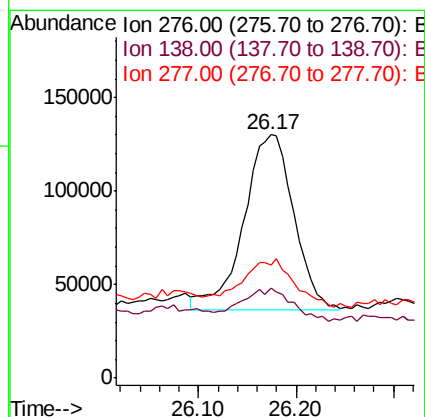
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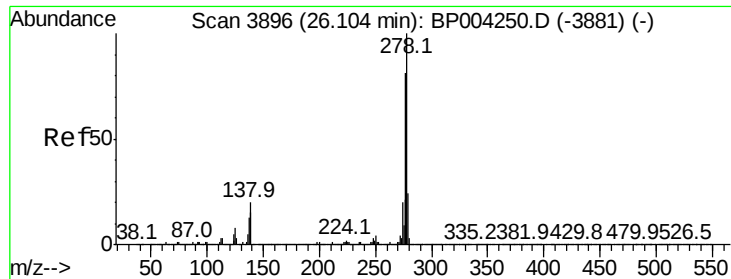
mohammad
12/14/2020 2:45:37 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 2.029 ng/ul m
RT: 26.17 min Scan# 3908
Delta R.T. 0.09 min
Lab File: BP004253.D
Acq: 12 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.9	17.8	26.6#
277	46.6	19.8	29.6#





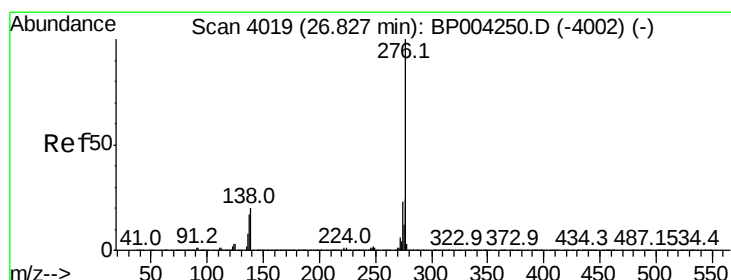
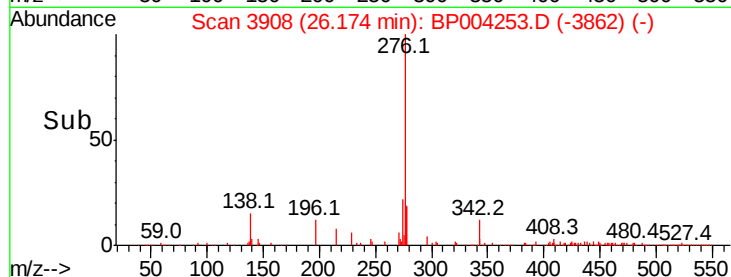
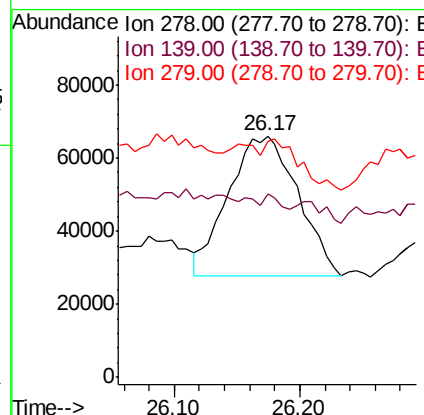
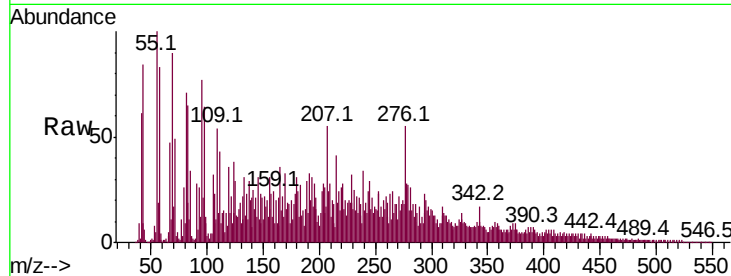
#93
Dibenzo(a,h)anthracene
Concen: 1.079 ng/ul m
RT: 26.17 min Scan# 3908
Delta R.T. 0.07 min
Lab File: BP004253.D
Acq: 12 Dec 2020 11:45

Instrument :
BNA_P
ClientSampleId :
C0AD9

Tot Ion	Ratio	Lower	Upper
278	100		
139	76.0	11.9	17.9#
279	97.6	18.6	28.0#

Manual Integrations
APPROVED

mohammad
12/14/2020 2:45:37 PM



#94
Benzo(g,h,i)perylene
Concen: 3.854 ng/ul m
RT: 26.92 min Scan# 4035
Delta R.T. 0.09 min
Lab File: BP004253.D
Acq: 12 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	16.6	25.0#
277	40.3	18.5	27.7#

