

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
 Data File : BP004257.D
 Acq On : 12 Dec 2020 14:01
 Operator : CG/JU
 Sample : L5063-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AD7

Manual Integrations
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Quant Time: Dec 14 14:35:10 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	354254	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1389686	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	832336	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1752835	20.00	ng/ul	0.01
78) Chrysene-d12	21.33	240	1886529	20.00	ng/ul	0.01
86) Perylene-d12	23.70	264	2186537	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	21813	2.16	ng/uL	0.00
5) Phenol-d5	7.00	99	437109	14.92	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	233150	12.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	351378	15.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	339791	15.34	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	170441	14.98	ng/ul	0.01
22) 2-Nitrophenol-d4	9.71	143	177968	18.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	355087	17.20	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	477371	18.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	982788	15.45	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1310259	16.14	ng/ul	0.01
52) 4-Nitrophenol-d4	14.67	143	160340	14.92	ng/ul	0.02
58) Fluorene-d10	15.48	176	890149	15.45	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	31475	3.74	ng/ul	0.02
71) Anthracene-d10	17.35	188	1402545	16.42	ng/ul	0.01
79) Pyrene-d10	19.58	212	1638651	16.67	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.55	264	1910072	16.58	ng/ul	0.03

Target Compounds

					Ovalue	
6) Phenol	7.03	94	35439	1.158	ng/ul	96
28) Naphthalene	10.68	128	380566	4.831	ng/ul	97
34) 2-Methylnaphthalene	12.30	142	1643737	31.011	ng/ul	98
41) 1,1'-Biphenyl	13.31	154	262594	3.762	ng/ul	98
45) Dimethylphthalate	13.93	163	126314	1.949	ng/ul#	95
48) Acenaphthylene	14.20	152	99985	1.241	ng/ul#	27
50) Acenaphthene	14.55	153	143826m	2.521	ng/ul	
54) Dibenzofuran	14.89	168	239332m	2.977	ng/ul	
59) Fluorene	15.54	166	156311	2.431	ng/ul#	89
70) Phenanthrene	17.29	178	2141710	20.711	ng/ul	99
72) Anthracene	17.37	178	265804m	2.598	ng/ul	
77) Fluoranthene	19.26	202	868597	7.866	ng/ul	96
80) Pyrene	19.61	202	1235740	9.711	ng/ul	95
83) Benzo(a)anthracene	21.32	228	512163	4.119	ng/ul#	69
85) Chrysene	21.37	228	532958m	4.369	ng/ul	
88) Benzo(b)fluoranthene	22.99	252	637671	4.599	ng/ul#	63
89) Benzo(k)fluoranthene	23.03	252	217705m	1.529	ng/ul	
91) Benzo(a)pyrene	23.60	252	445301	3.441	ng/ul#	61
92) Indeno(1,2,3-cd)pyrene	26.13	276	322187	1.985	ng/ul#	85
94) Benzo(g,h,i)perylene	26.87	276	288370	2.118	ng/ul#	77

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

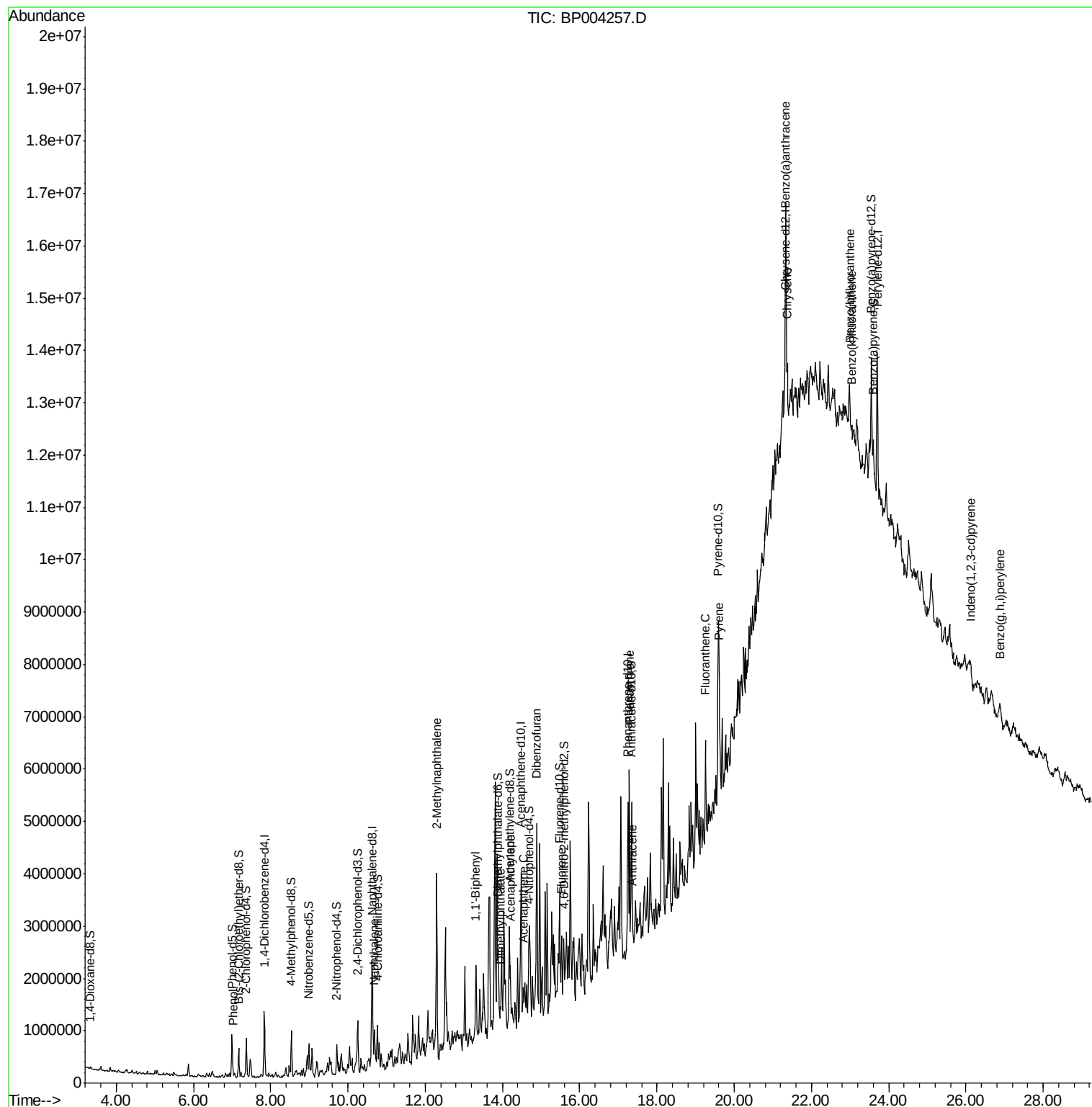
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004257.D
Acq On : 12 Dec 2020 14:01
Operator : CG/JU
Sample : L5063-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

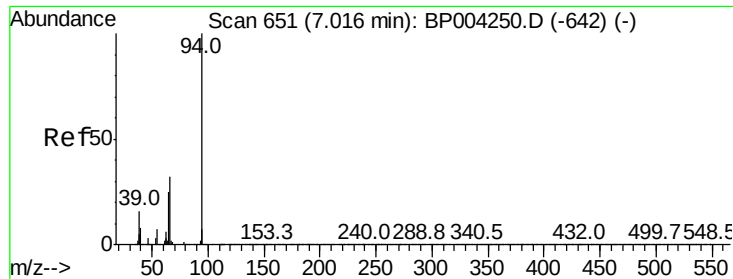
Instrument :
BNA_P
ClientSampled :
C0AD7

Quant Time: Dec 14 14:35:10 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: 1.158 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. 0.01 min

Lab File: BP004257.D

Acq: 12 Dec 2020 14:01

Instrument :

BNA_P

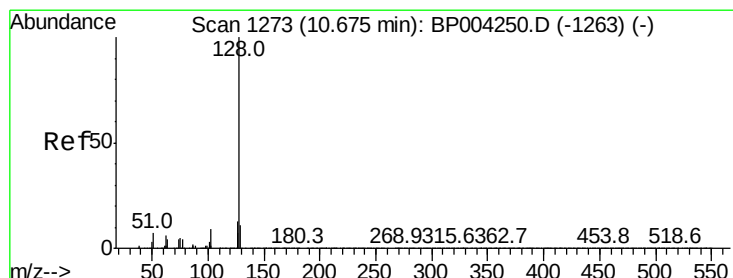
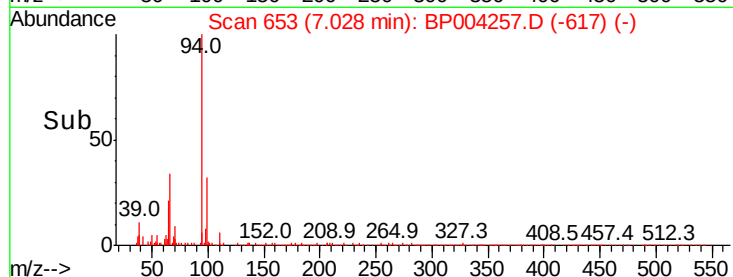
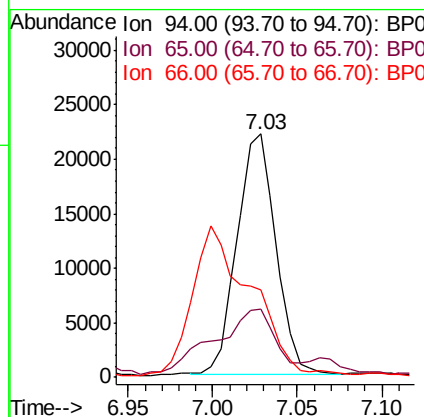
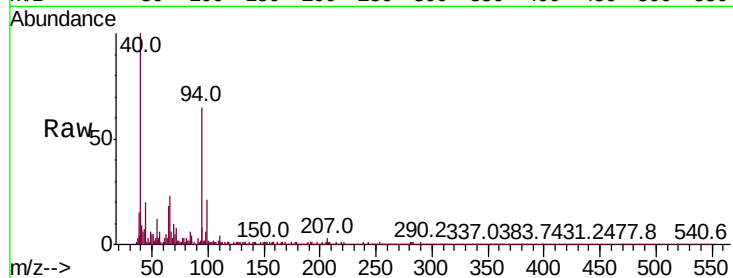
ClientSampleId :

C0AD7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		35439		
65	28.0	20.8	31.2		
66	35.8	26.5	39.7		

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#28

Naphthalene

Concen: 4.831 ng/ul

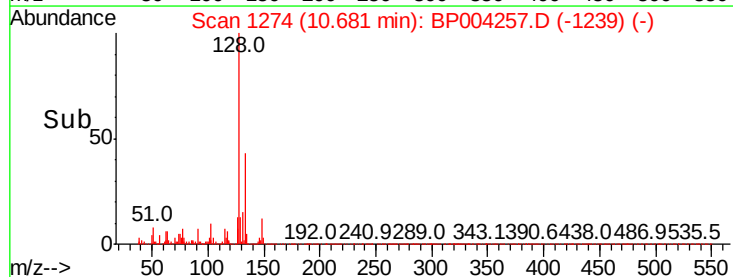
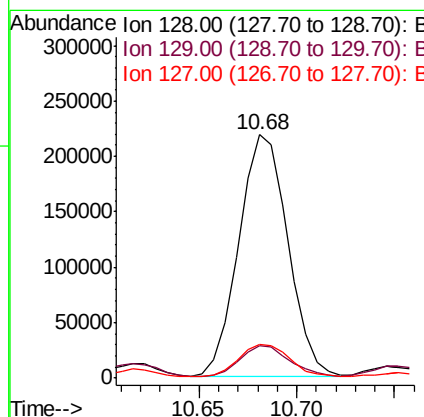
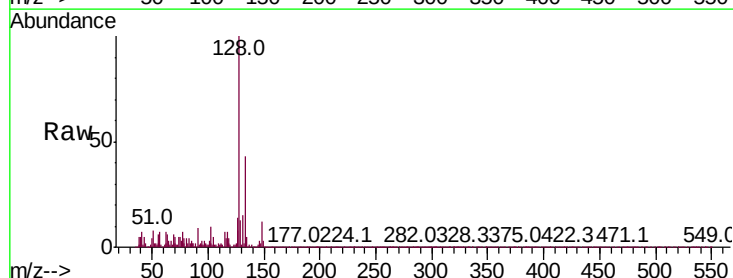
RT: 10.68 min Scan# 1274

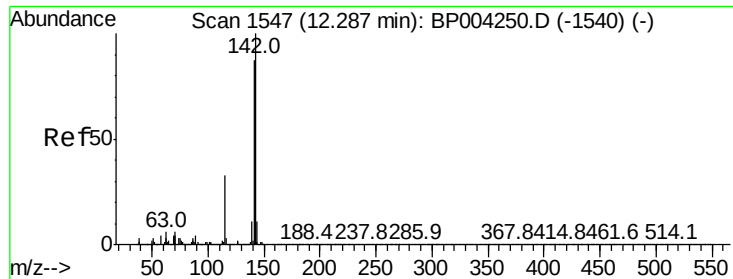
Delta R.T. 0.01 min

Lab File: BP004257.D

Acq: 12 Dec 2020 14:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		380566		
129	13.1	8.8	13.2		
127	13.6	10.6	16.0		





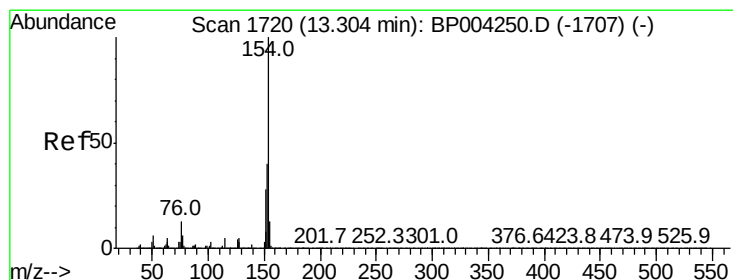
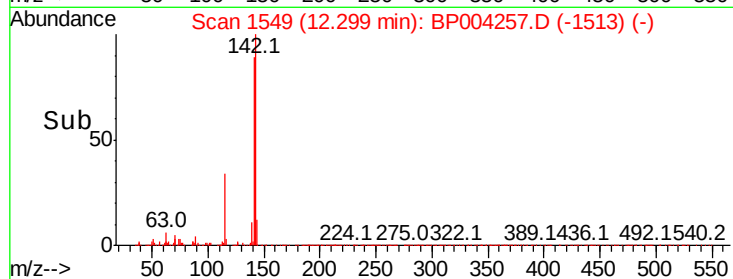
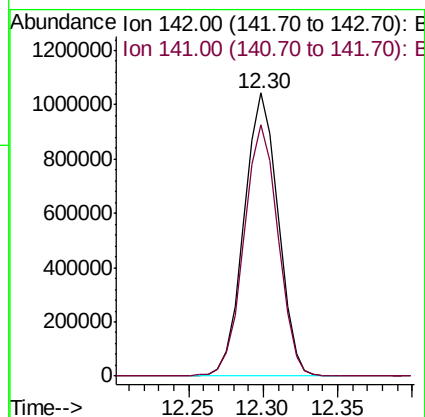
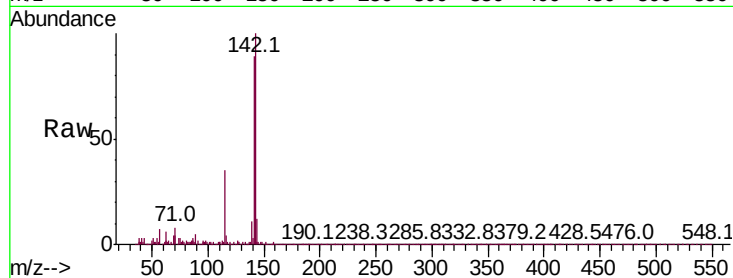
#34
 2-Methylnaphthalene
 Concen: 31.011 ng/ul
 RT: 12.30 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BP004257.D
 Acq: 12 Dec 2020 14:01

Instrument :
 BNA_P
 ClientSampleId :
 C0AD7

Tot Ion:142 Resp: 1643737
 Ion Ratio Lower Upper
 142 100
 141 88.9 69.7 104.5

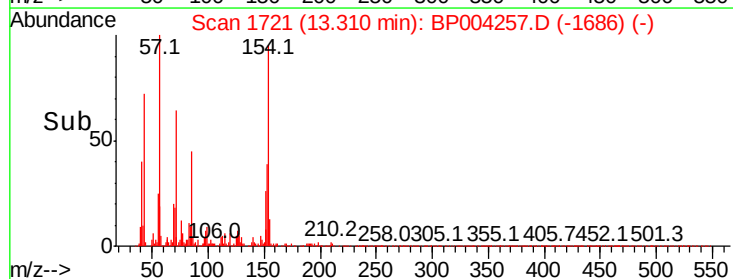
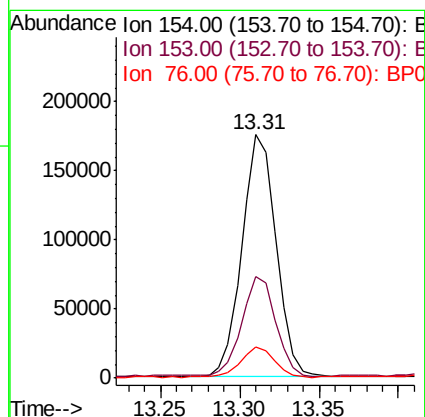
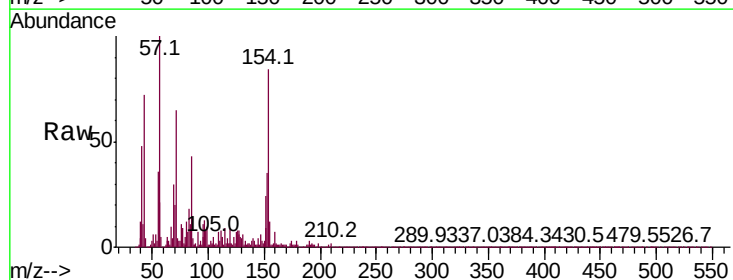
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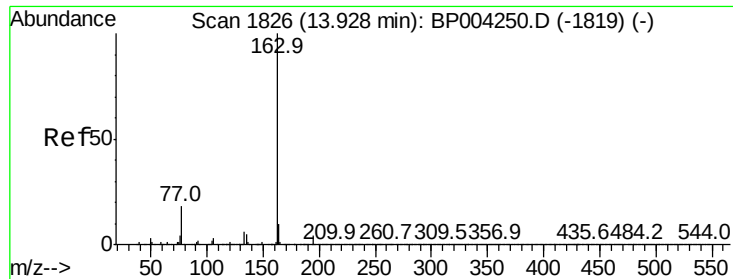
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#41
 1,1'-Biphenyl
 Concen: 3.762 ng/ul
 RT: 13.31 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: BP004257.D
 Acq: 12 Dec 2020 14:01

Tgt Ion:154 Resp: 262594
 Ion Ratio Lower Upper
 154 100
 153 41.5 32.2 48.2
 76 13.0 11.0 16.6





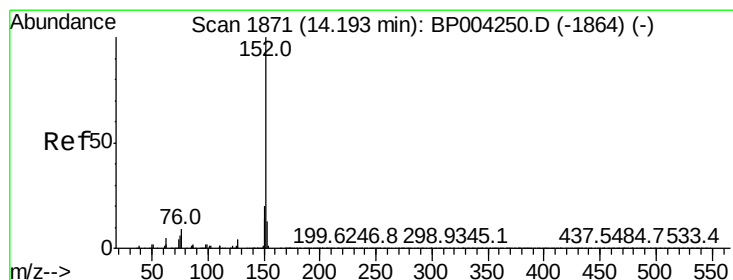
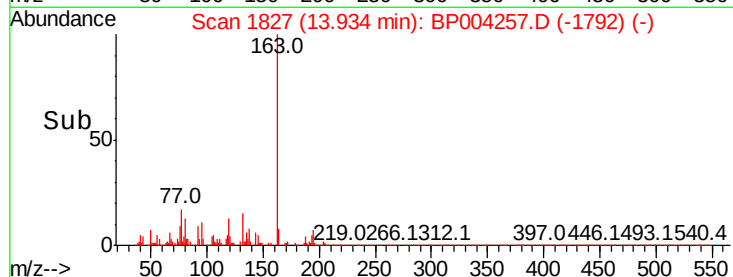
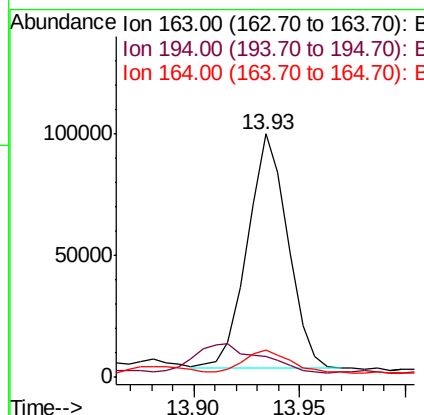
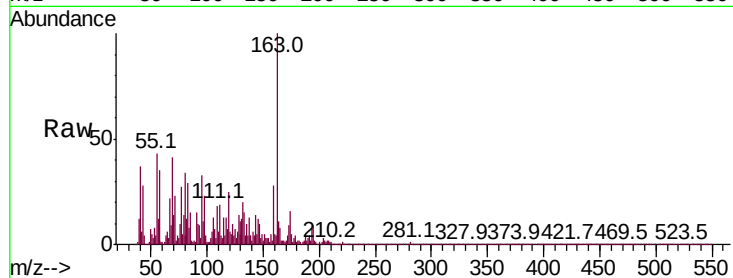
#45
Dimethylphthalate
Concen: 1.949 ng/ul
RT: 13.93 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	8.6	3.4	5.2#
164	11.4	8.4	12.6

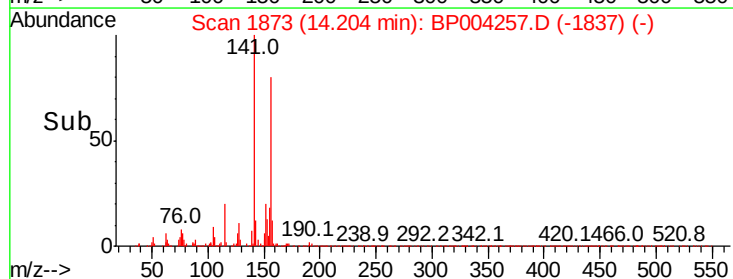
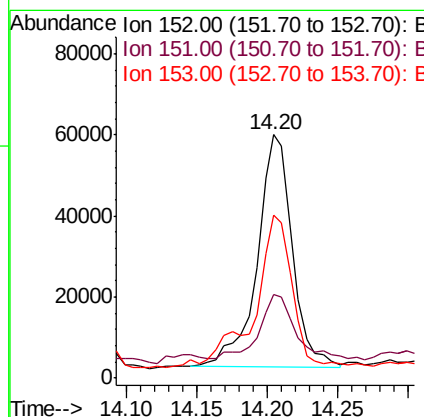
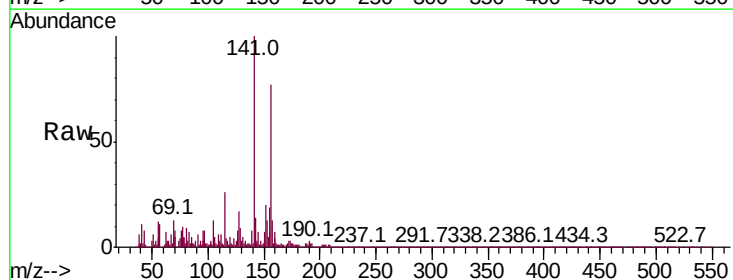
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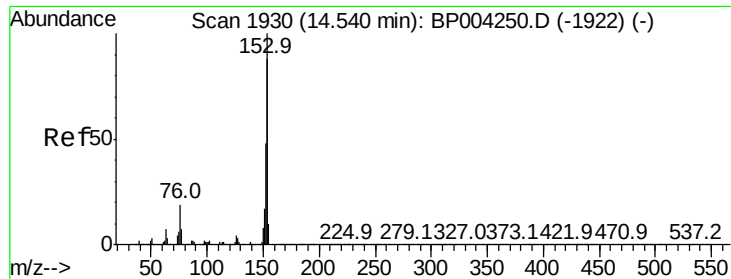
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#48
Acenaphthylene
Concen: 1.241 ng/ul
RT: 14.20 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	34.5	15.8	23.8#
153	67.0	10.6	16.0#





#50

Acenaphthene

Concen: 2.521 ng/ul m

RT: 14.55 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BP004257.D

Acq: 12 Dec 2020 14:01

Instrument :

BNA_P

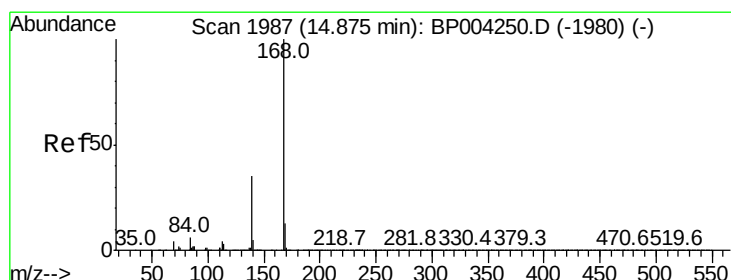
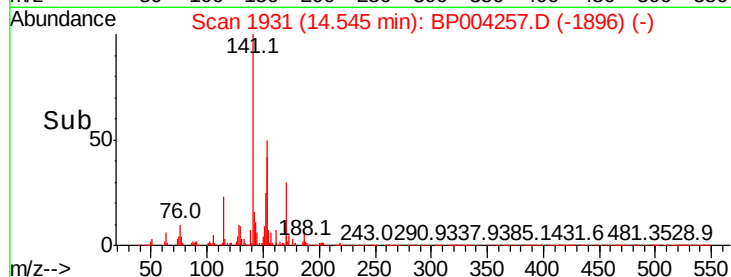
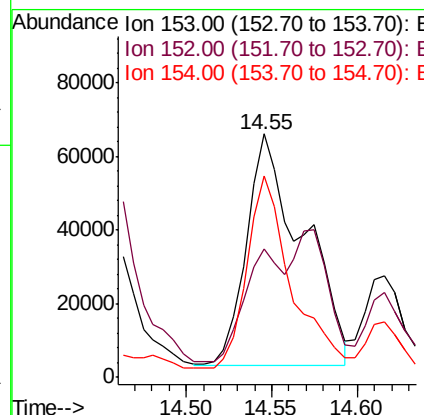
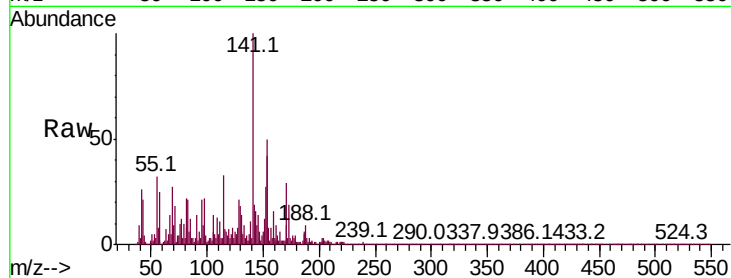
ClientSampleId :

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Tot Ion:	153	Resp:	143826
Ion Ratio	Lower	Upper	
153	100		
152	53.0	37.8	56.6
154	82.9	69.8	104.8

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#54

Dibenzofuran

Concen: 2.977 ng/ul m

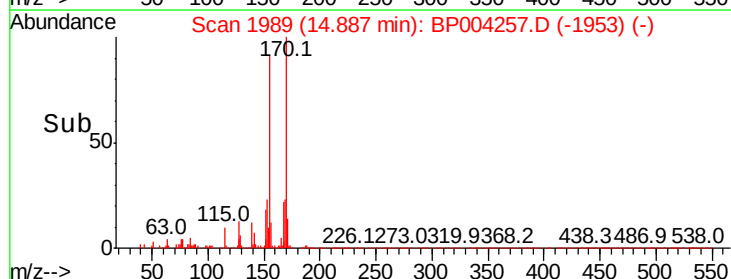
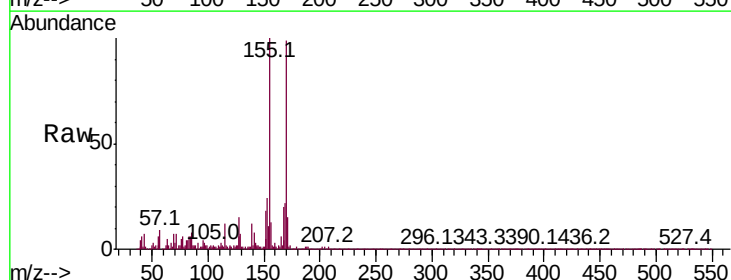
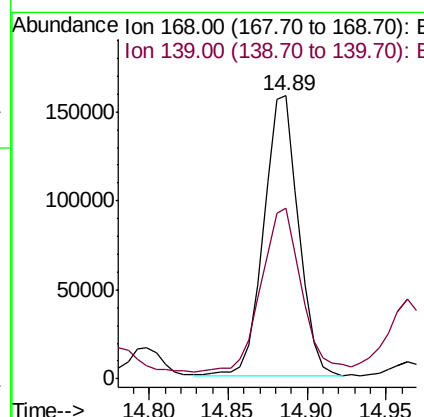
RT: 14.89 min Scan# 1989

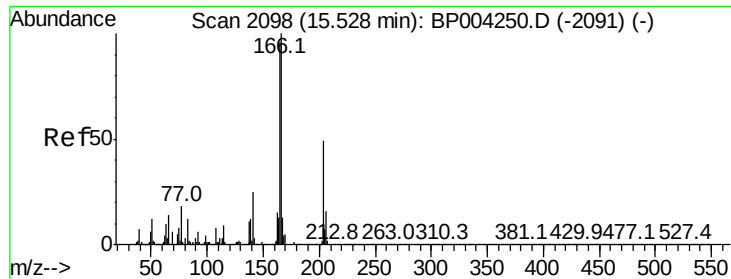
Delta R.T. 0.01 min

Lab File: BP004257.D

Acq: 12 Dec 2020 14:01

Tgt Ion:	168	Resp:	239332
Ion Ratio	Lower	Upper	
168	100		
139	60.5	29.0	43.6#





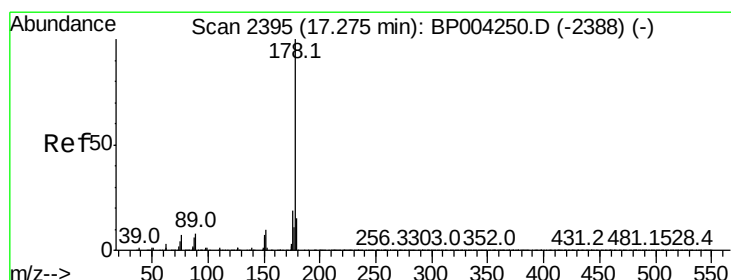
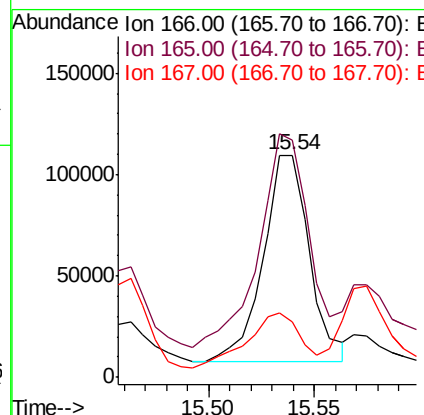
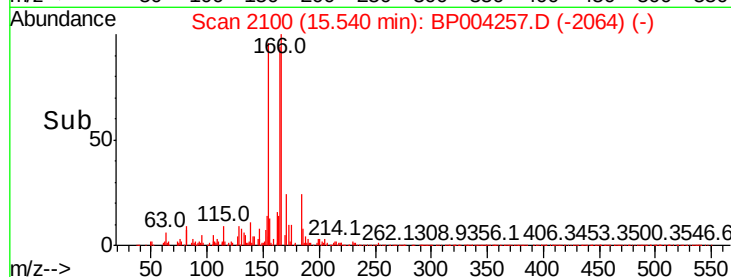
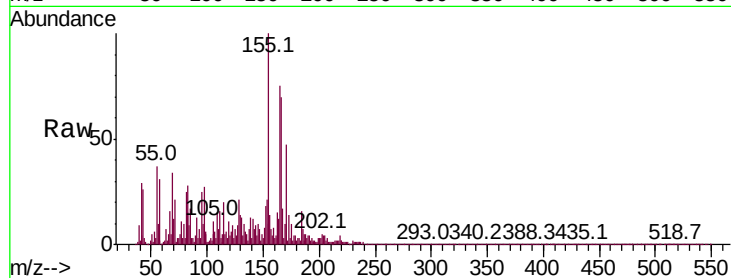
#59
Fluorene
Concen: 2.431 ng/ul
RT: 15.54 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	106.6	78.2	117.2
167	24.7	10.8	16.2

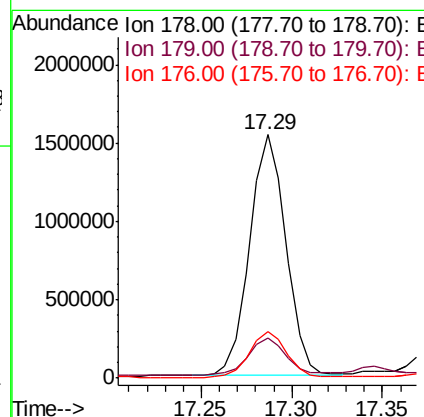
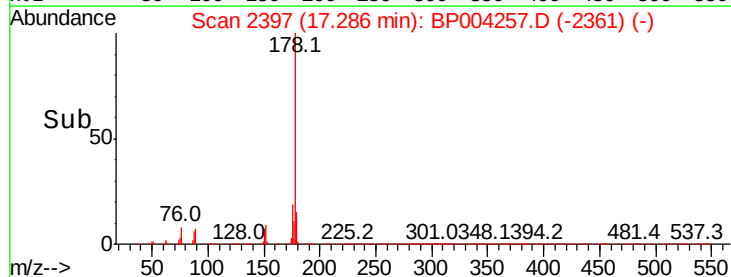
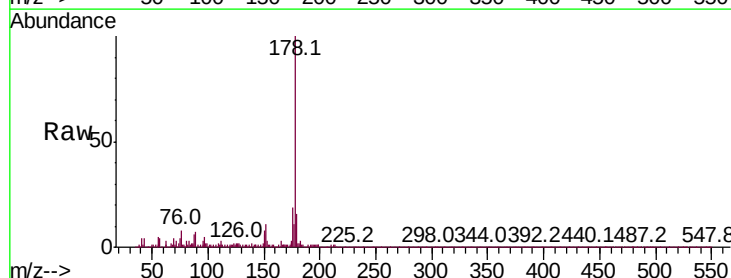
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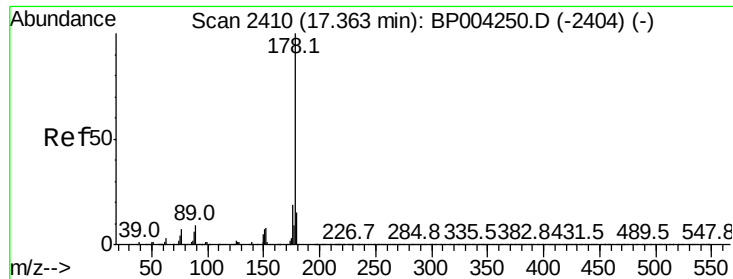
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#70
Phenanthrene
Concen: 20.711 ng/ul
RT: 17.29 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	19.3	15.4	23.0





#72

Anthracene

Concen: 2.598 ng/ul m

RT: 17.37 min Scan# 2412

Delta R.T. 0.01 min

Lab File: BP004257.D

Acq: 12 Dec 2020 14:01

Instrument :

BNA_P

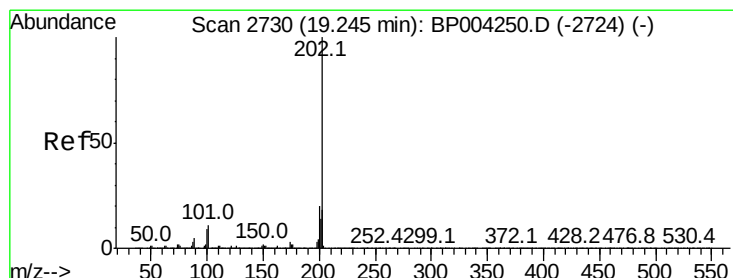
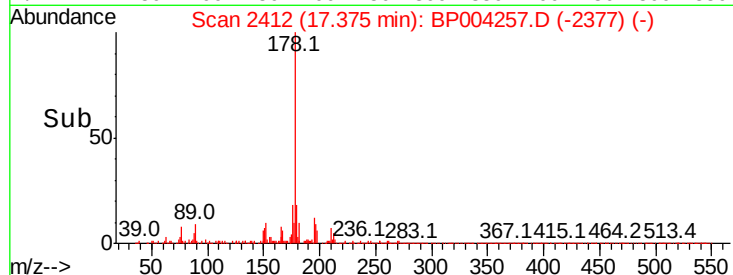
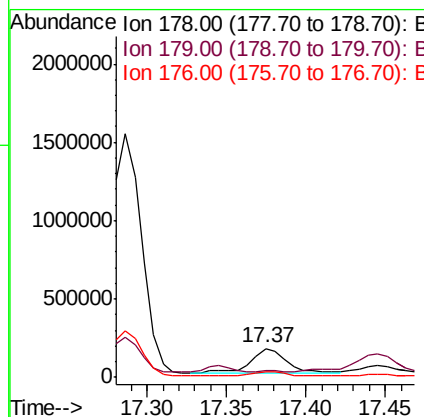
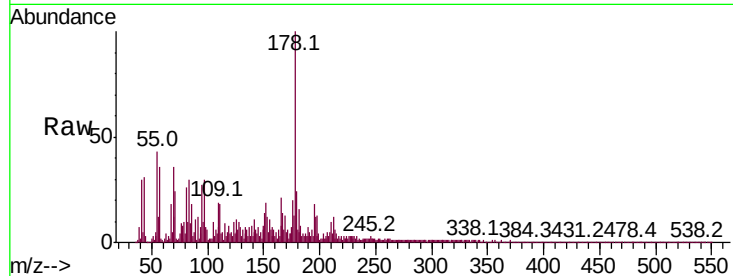
ClientSampleId :

C0AD7

Tot Ion:	178	Resp:	265804
Ion Ratio	Lower	Upper	
178	100		
179	24.1	12.3	18.5#
176	19.6	14.9	22.3

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#77

Fluoranthene

Concen: 7.866 ng/ul

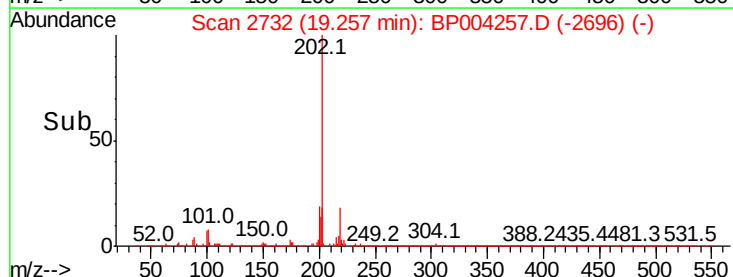
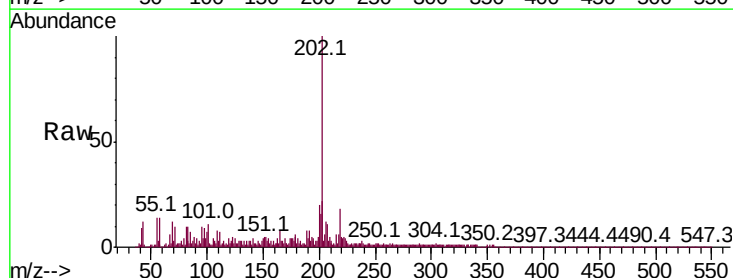
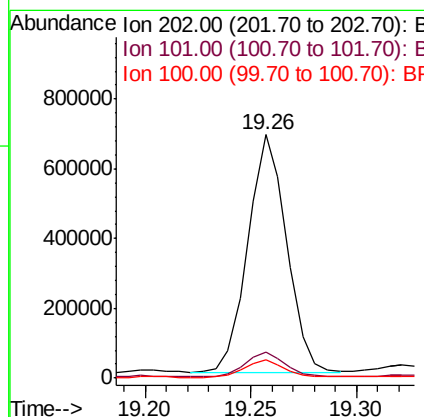
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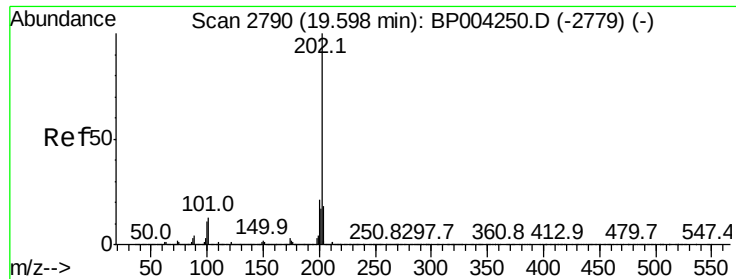
Delta R.T. 0.01 min

Lab File: BP004257.D

Acq: 12 Dec 2020 14:01

Tgt Ion:	202	Resp:	868597
Ion Ratio	Lower	Upper	
202	100		
101	12.6	9.1	13.7
100	7.3	7.1	10.7





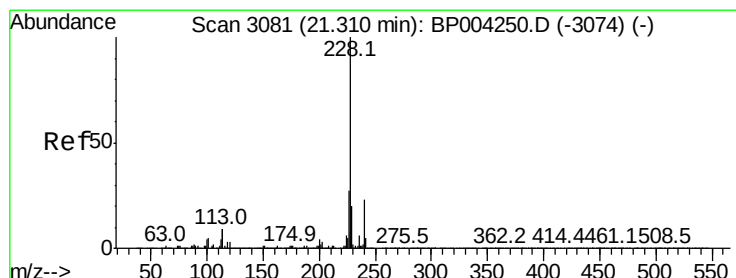
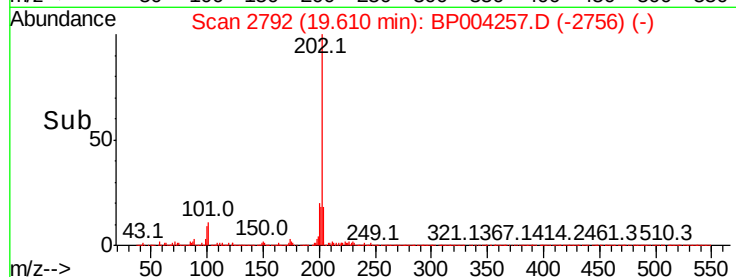
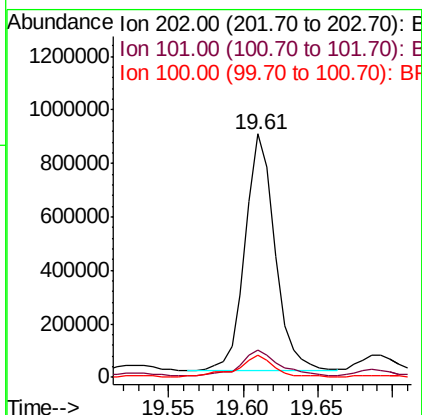
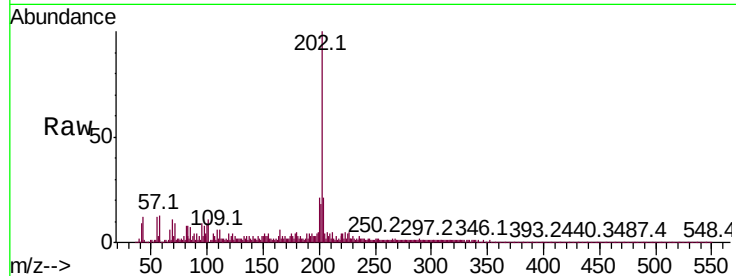
#80
Pvrene
Concen: 9.711 ng/ul
RT: 19.61 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
C0AD7

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.6	15.8
100	9.0	8.6	12.8

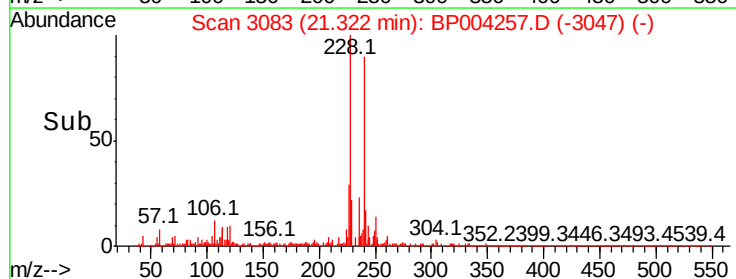
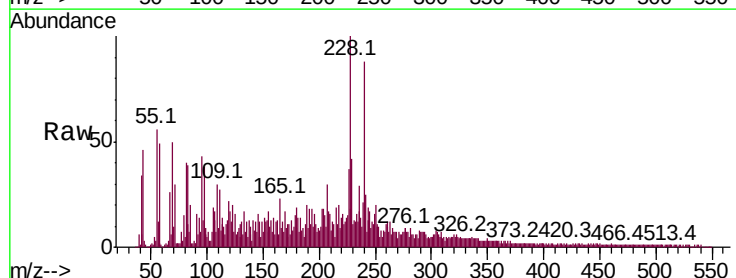
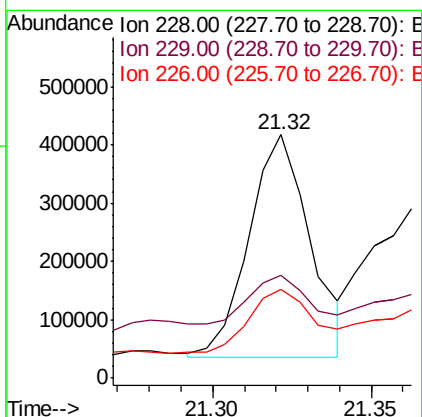
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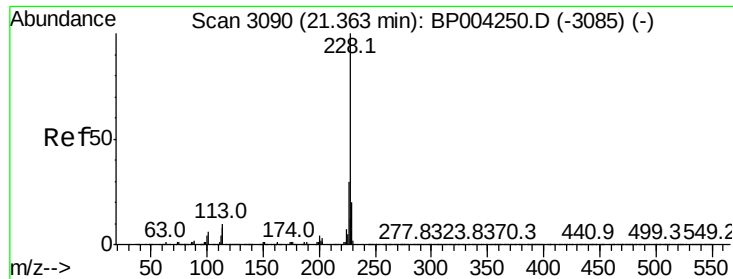
mohammad
12/14/2020 2:46:01 PM



#83
Benzo(a)anthracene
Concen: 4.119 ng/ul
RT: 21.32 min Scan# 3083
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	42.0	15.8	23.8#
226	36.6	21.7	32.5#





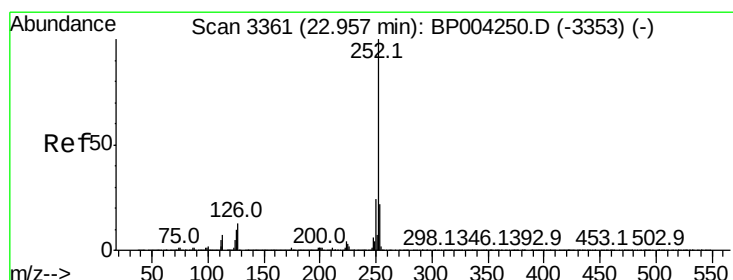
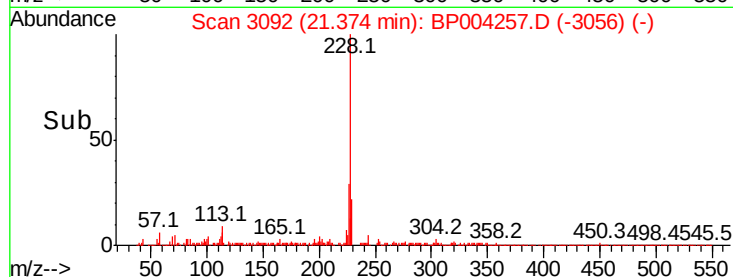
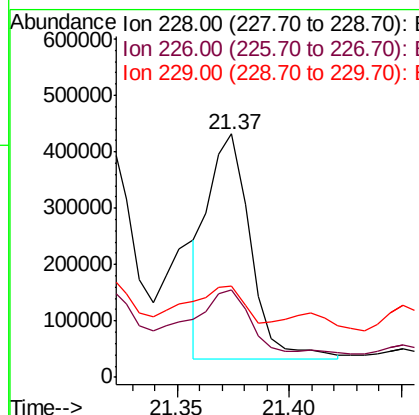
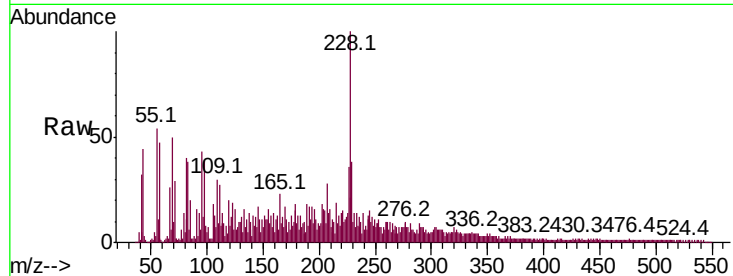
#85
Chrysene
Concen: 4.369 ng/ul m
RT: 21.37 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampled :
C0AD7

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	36.1	24.2	36.2	
229	37.5	15.8	23.8#	

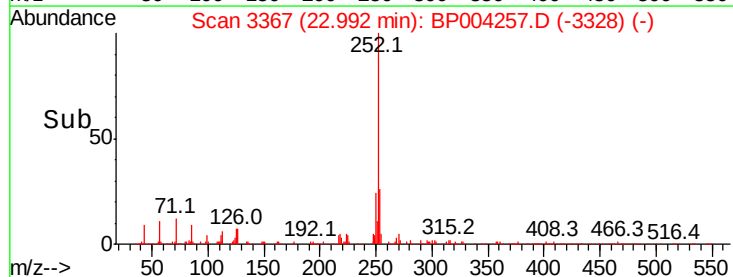
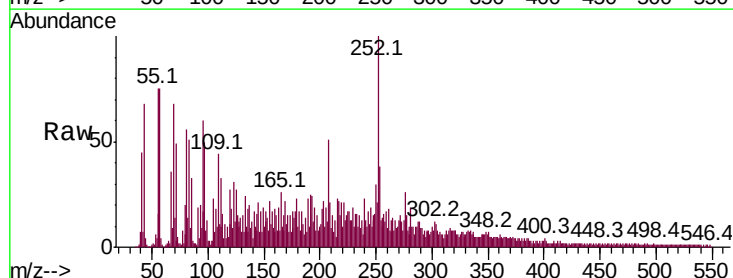
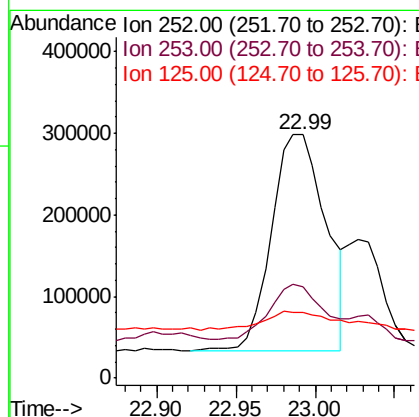
Manual Integrations
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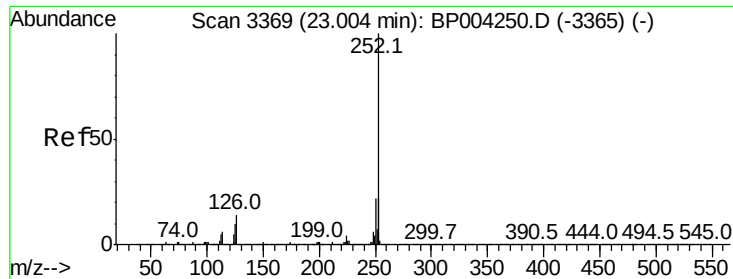
mohammad
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#88
Benzo(b)fluoranthene
Concen: 4.599 ng/ul
RT: 22.99 min Scan# 3367
Delta R.T. 0.03 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	37.6	17.6	26.4#	
125	27.2	7.7	11.5#	





#89

Benzo(k)fluoranthene

Concen: 1.529 ng/ul m

RT: 23.03 min Scan# 3373

Delta R.T. 0.02 min

Lab File: BP004257.D

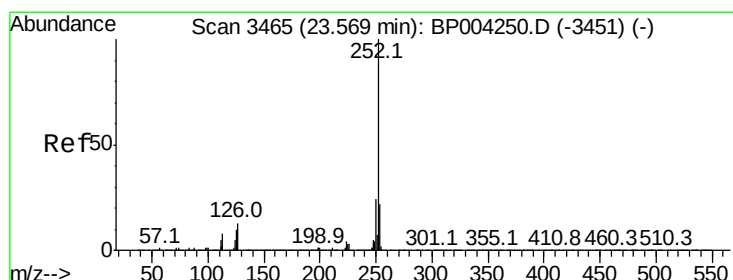
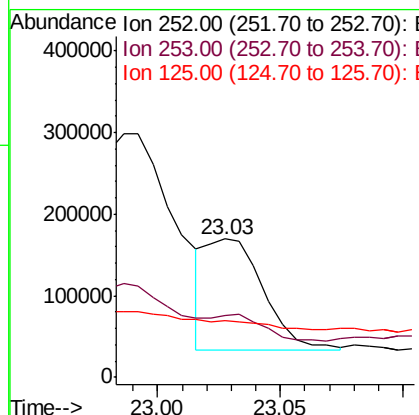
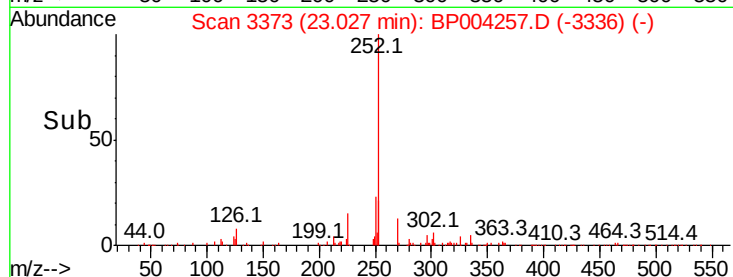
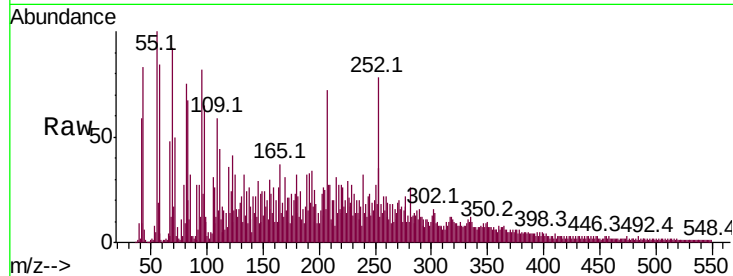
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
C0AD7

Tot Ion:	252	Resp:	217705
Ion Ratio	Lower	Upper	
252	100		
253	44.9	17.4	26.2#
125	40.8	7.3	10.9#

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#91

Benzo(a)pyrene

Concen: 3.441 ng/ul

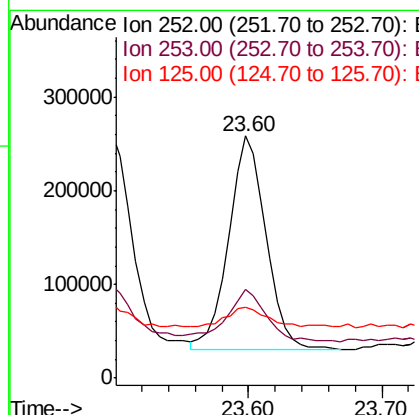
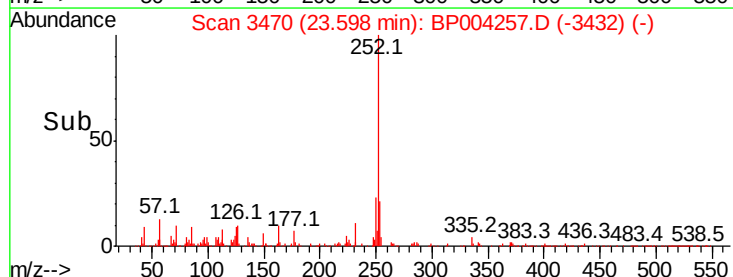
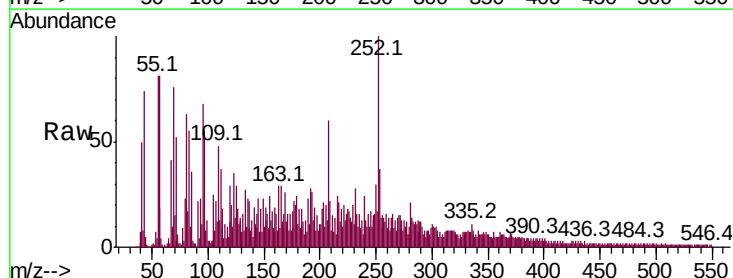
RT: 23.60 min Scan# 3470

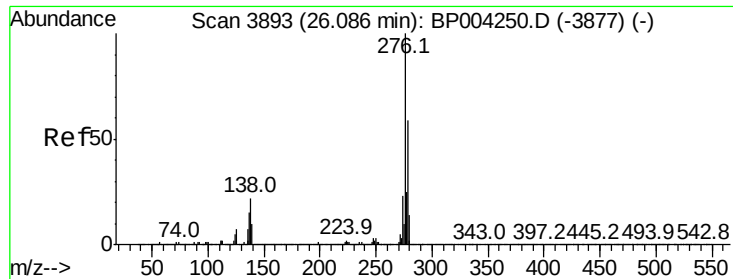
Delta R.T. 0.02 min

Lab File: BP004257.D

Acq: 12 Dec 2020 14:01

Tgt Ion:	252	Resp:	445301
Ion Ratio	Lower	Upper	
252	100		
253	36.8	17.3	25.9#
125	29.1	7.8	11.6#





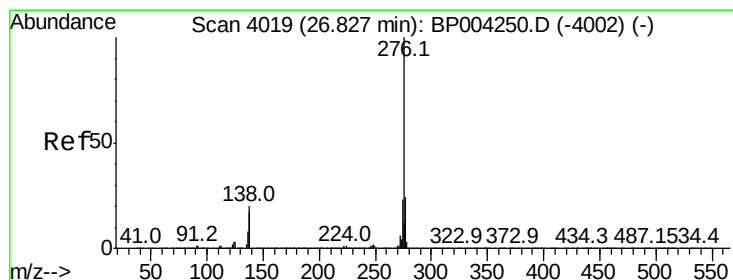
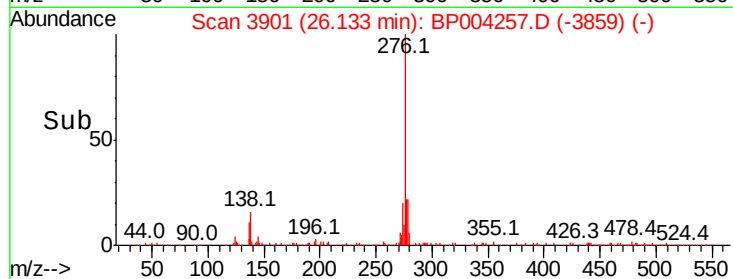
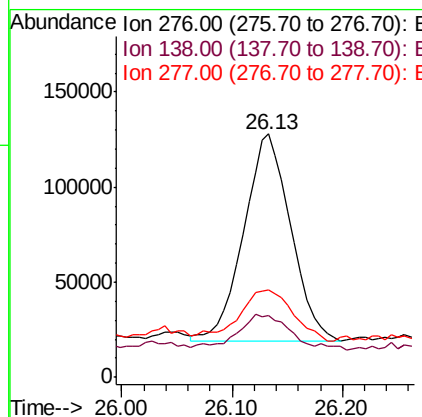
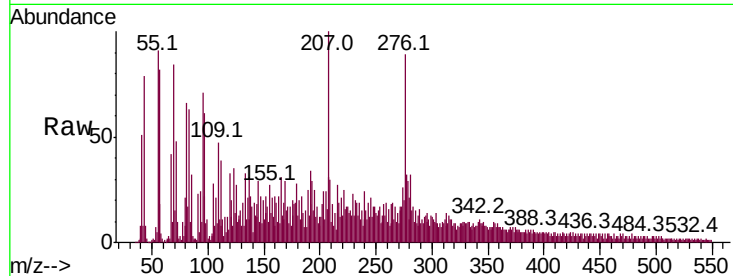
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.985 ng/ul
RT: 26.13 min Scan# 3901
Delta R.T. 0.05 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
C0AD7

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	17.8	26.6
277	36.1	19.8	29.6

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#94
Benzo(g,h,i)perylene
Concen: 2.118 ng/ul
RT: 26.87 min Scan# 4027
Delta R.T. 0.05 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	16.6	25.0
277	38.7	18.5	27.7

