

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
 Data File : BP004791.D
 Acq On : 18 Feb 2021 01:53
 Operator : CG/JU
 Sample : M1379-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBGZ2

Manual Integrations
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mohammad
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Quant Time: Feb 18 03:17:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 18 03:00:36 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	72129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	277747	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.42	164	165094	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	311568	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	240350	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	249015	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	5348	2.87	ng/uL	0.00
5) Phenol-d5	6.95	99	110142	19.03	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.10	67	56987	18.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	91562	20.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	82495	18.11	ng/ul	0.01
19) Nitrobenzene-d5	8.92	128	43715	22.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	51437	24.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	93176	22.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	65700	13.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	287637	24.00	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	342875	23.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.64	143	33005	15.76	ng/ul	0.03
58) Fluorene-d10	15.41	176	234531	22.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	31107	16.52	ng/ul	0.00
71) Anthracene-d10	17.27	188	336060	24.46	ng/ul	0.00
79) Pyrene-d10	19.51	212	324925	28.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	310509	24.65	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.91	77	5874	1.937	ng/ul	87
6) Phenol	6.98	94	17541	2.906	ng/ul	94
14) Acetophenone	8.59	105	8695	1.161	ng/ul	92
28) Naphthalene	10.61	128	15494	1.084	ng/ul	97
41) 1,1'-Biphenyl	13.25	154	63063	5.182	ng/ul	97
45) Dimethylphthalate	13.87	163	25514	2.065	ng/ul	98
48) Acenaphthylene	14.13	152	26574	1.929	ng/ul	98
50) Acenaphthene	14.48	153	27983	2.737	ng/ul	96
54) Dibenzofuran	14.82	168	26736	1.829	ng/ul	95
59) Fluorene	15.46	166	32701	2.680	ng/ul#	96
70) Phenanthrene	17.21	178	632268	38.094	ng/ul	99
72) Anthracene	17.30	178	133029	7.881	ng/ul	97
75) Carbazole	17.57	167	96000	6.496	ng/ul	98
76) Di-n-butylphthalate	18.13	149	33639	2.019	ng/ul#	93
77) Fluoranthene	19.19	202	930742	46.683	ng/ul	98
80) Pyrene	19.54	202	708878	48.560	ng/ul	99
83) Benzo(a)anthracene	21.25	228	360946	25.074	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	10495	1.347	ng/ul#	80
85) Chrysene	21.29	228	331519	23.228	ng/ul	97
88) Benzo(b)fluoranthene	22.87	252	463801	29.589	ng/ul#	96
89) Benzo(k)fluoranthene	22.90	252	135894m	8.906	ng/ul	
91) Benzo(a)pyrene	23.46	252	294590	21.362	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.93	276	218644	12.472	ng/ul	95

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ALS Vial : 27 Sample Multiplier: 1

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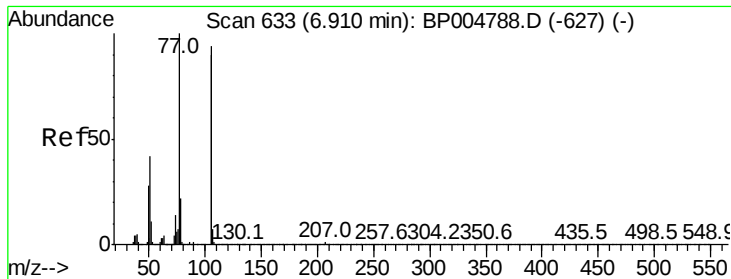
Manual Integrations
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Quant Time: Feb 18 03:17:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 18 03:00:36 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Dibenzo(a,h)anthracene	25.94	278	58038	3.895	ng/ul#	89
94) Benzo(g,h,i)perylene	26.66	276	193020	13.309	ng/ul	98

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



#4

Benzaldehyde

Concen: 1.937 ng/ul

RT: 6.91 min Scan# 633

Delta R.T. -0.00 min

Lab File: BP004791.D

Acq: 18 Feb 2021 01:53

Instrument :

BNA_P

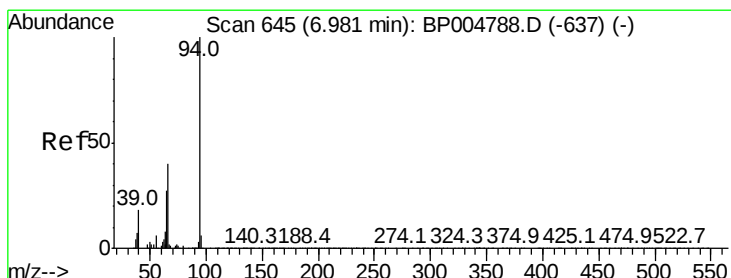
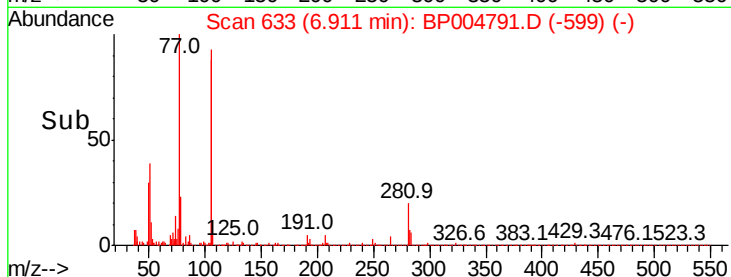
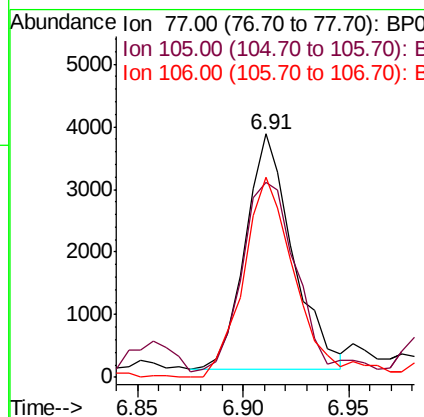
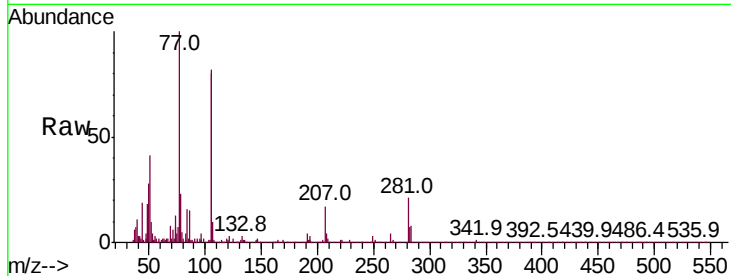
ClientSampleID :

DBGZ2

Tot Ion:	77	Resp:	5874
Ion	Ratio	Lower	Upper
77	100		
105	79.8	76.0	114.0
106	81.9	74.0	111.0

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#6

Phenol

Concen: 2.906 ng/ul

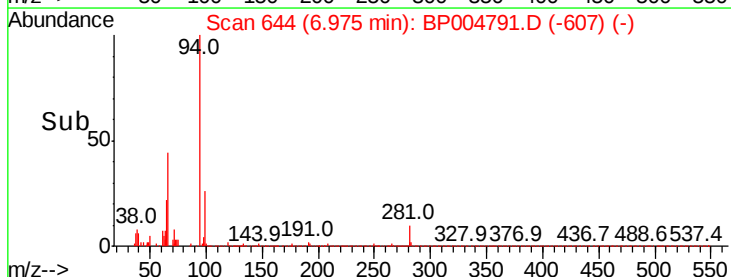
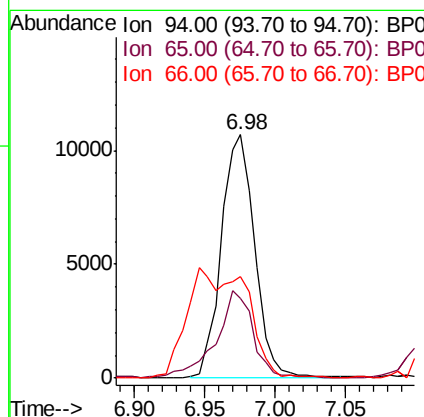
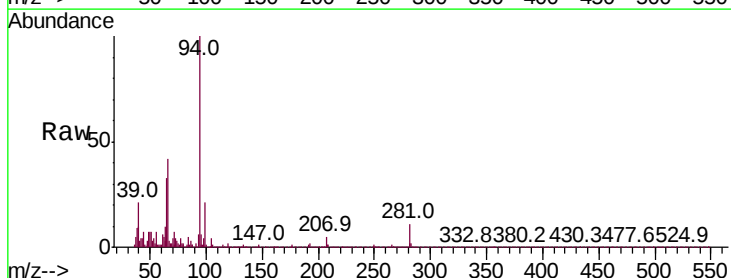
RT: 6.98 min Scan# 644

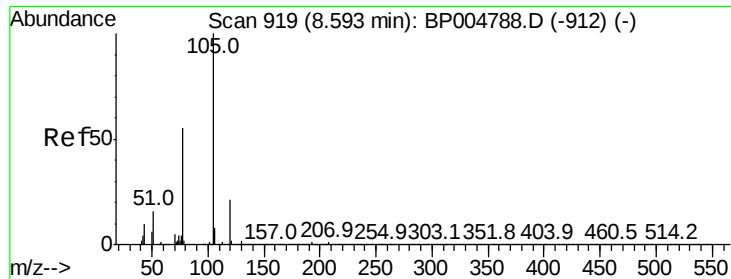
Delta R.T. 0.02 min

Lab File: BP004791.D

Acq: 18 Feb 2021 01:53

Tgt Ion:	94	Resp:	17541
Ion	Ratio	Lower	Upper
94	100		
65	32.7	24.8	37.2
66	41.9	38.1	57.1





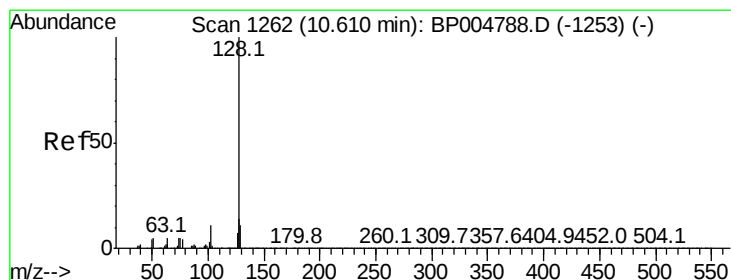
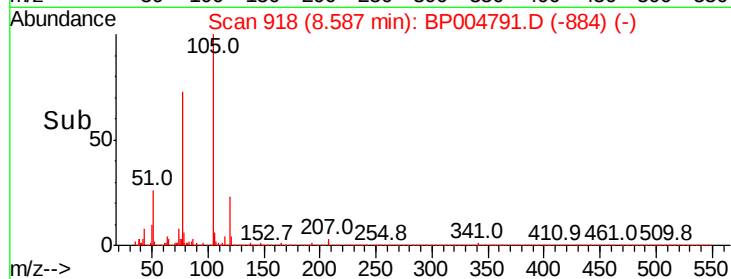
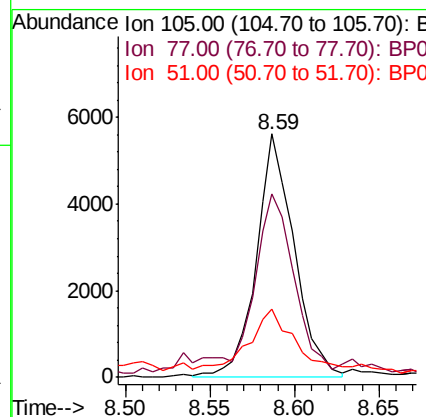
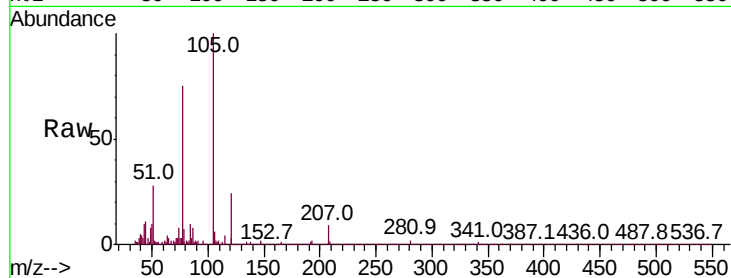
#14
Acetophenone
Concen: 1.161 ng/ul
RT: 8.59 min Scan# 918
Delta R.T. -0.00 min
Lab File: BP004791.D
Acq: 18 Feb 2021 01:53

Instrument :
BNA_P
ClientSampleId :
DBGZ2

Tot Ion:	105	Resp:	8695
Ion Ratio	Lower	Upper	
105	100		
77	75.3	66.5	99.7
51	28.2	20.2	30.2

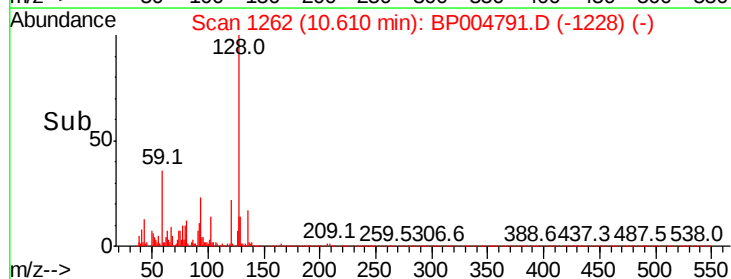
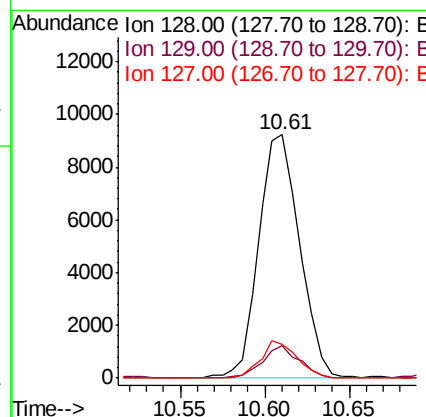
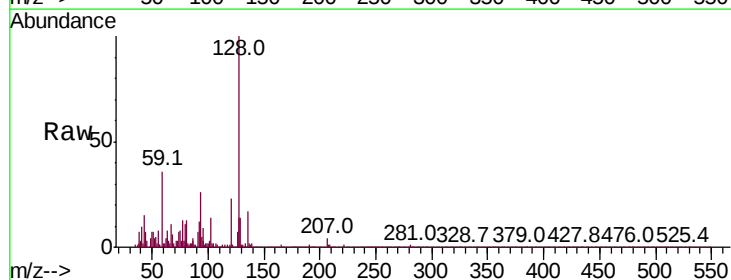
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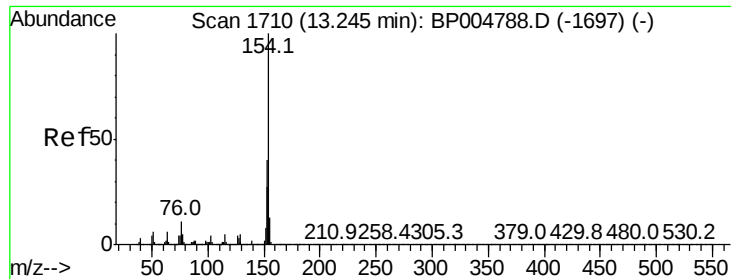
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#28
Naphthalene
Concen: 1.084 ng/ul
RT: 10.61 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BP004791.D
Acq: 18 Feb 2021 01:53

Tgt Ion:	128	Resp:	15494
Ion Ratio	Lower	Upper	
128	100		
129	13.5	9.2	13.8
127	13.9	11.7	17.5





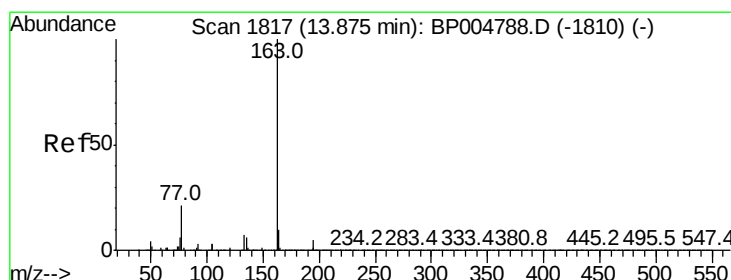
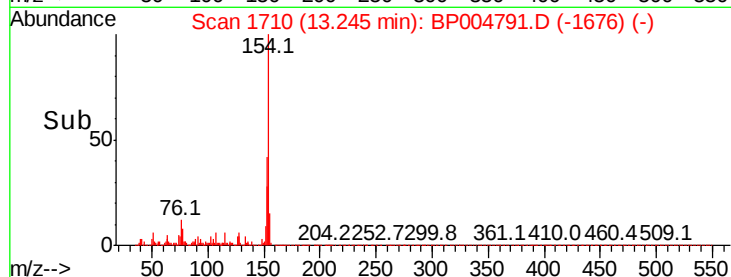
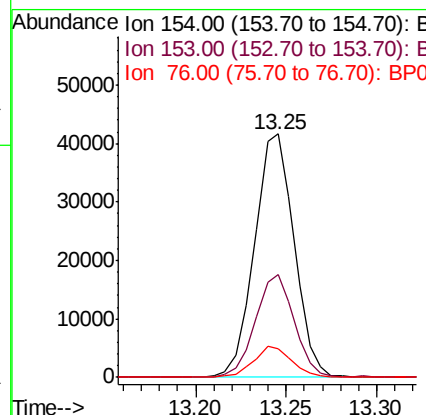
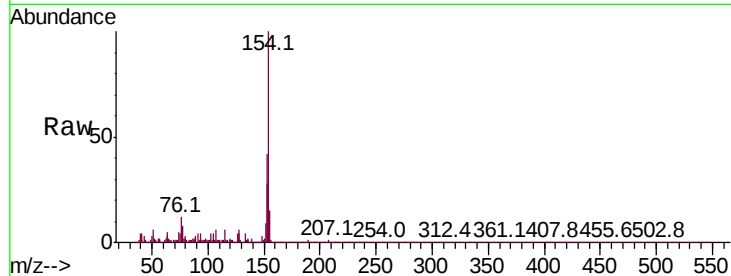
#41
1,1'-Biphenyl
Concen: 5.182 ng/ul
RT: 13.25 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BP004791.D
Acq: 18 Feb 2021 01:53

Instrument :
BNA_P
ClientSampleId :
DBGZ2

Tot Ion:	154	Resp:	63063
Ion Ratio	Lower	Upper	
154	100		
153	42.4	32.3	48.5
76	11.9	8.8	13.2

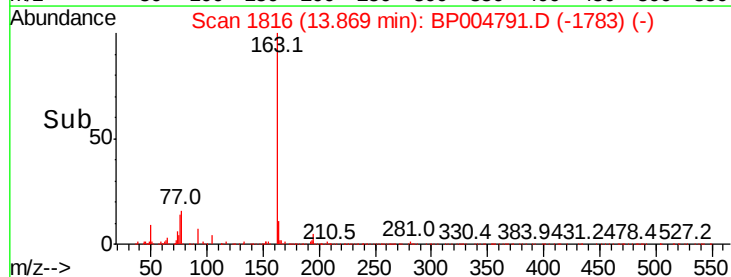
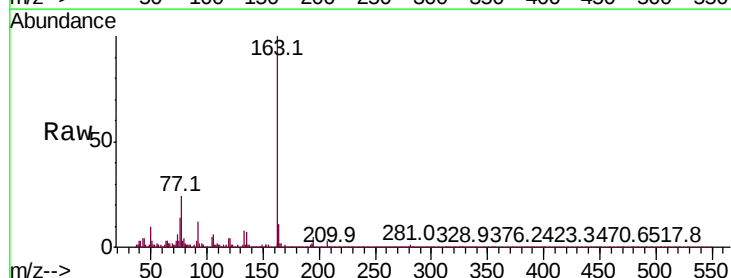
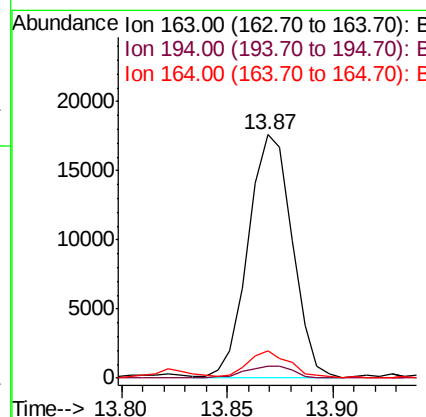
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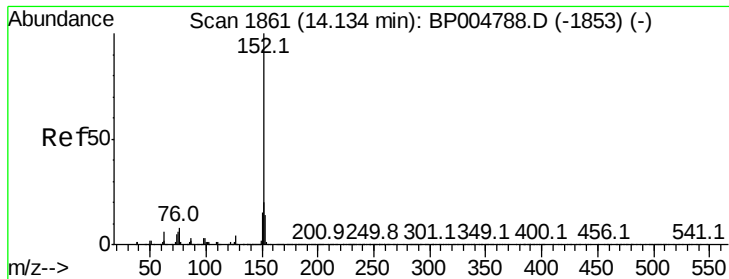
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#45
Dimethylphthalate
Concen: 2.065 ng/ul
RT: 13.87 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BP004791.D
Acq: 18 Feb 2021 01:53

Tgt Ion:	163	Resp:	25514
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.8	5.6
164	11.1	8.0	12.0





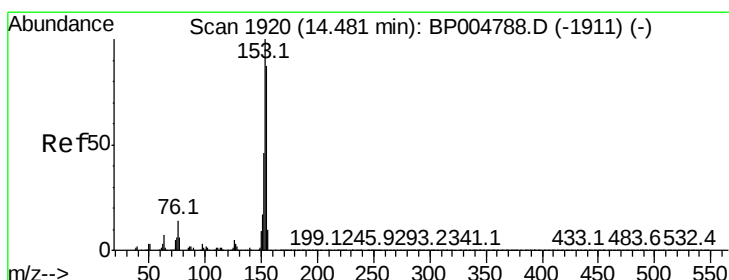
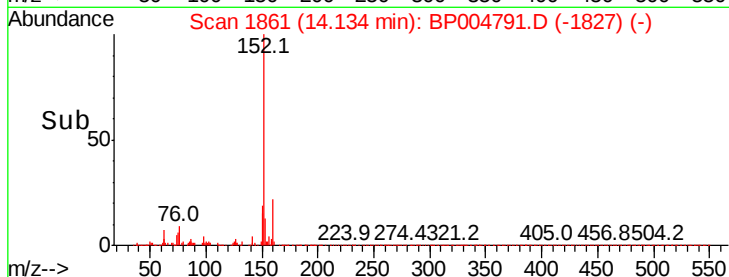
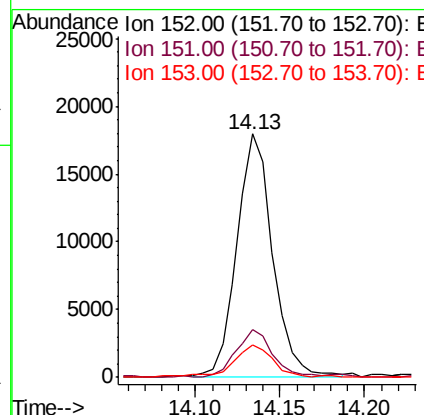
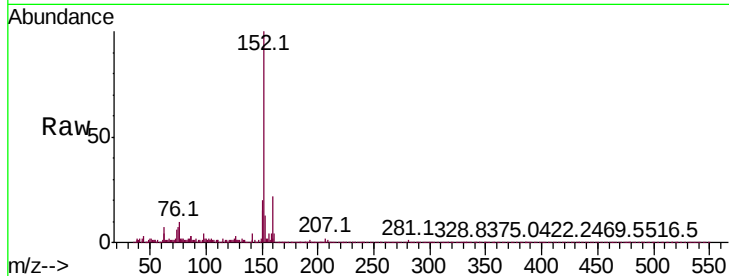
#48
Acenaphthylene
Concen: 1.929 ng/ul
RT: 14.13 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BP004791.D
Acq: 18 Feb 2021 01:53

Instrument :
BNA_P
ClientSampleId :
DBGZ2

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.6	24.8
153	13.1	11.0	16.4

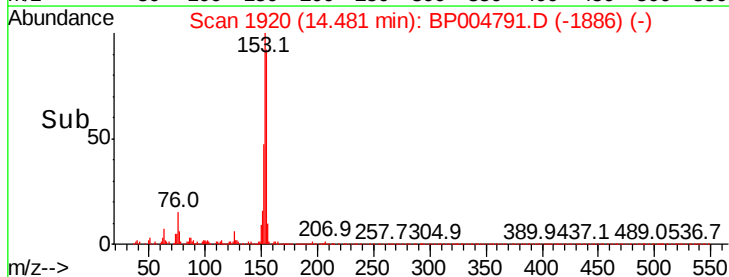
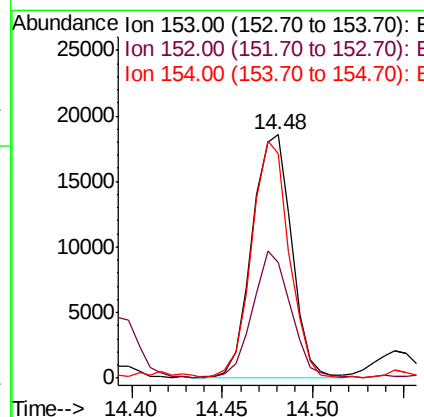
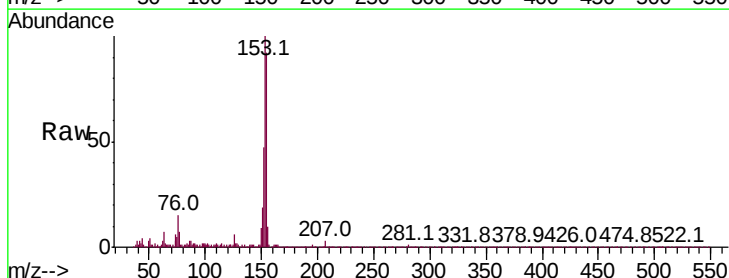
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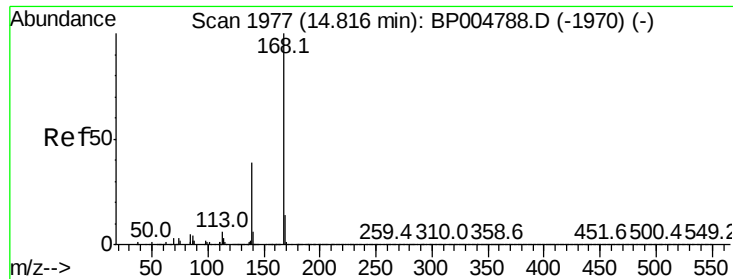
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#50
Acenaphthene
Concen: 2.737 ng/ul
RT: 14.48 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BP004791.D
Acq: 18 Feb 2021 01:53

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.0	55.4
154	92.0	70.1	105.1





#54

Dibenzenofuran

Concen: 1.829 ng/ul

RT: 14.82 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BP004791.D

Acq: 18 Feb 2021 01:53

Instrument :

BNA_P

ClientSampleId :

DBGZ2

Tot Ion:168 Resp: 26736

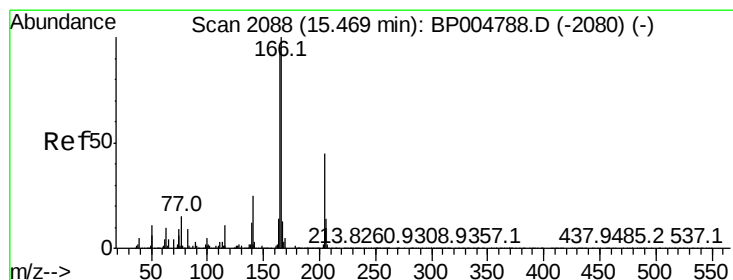
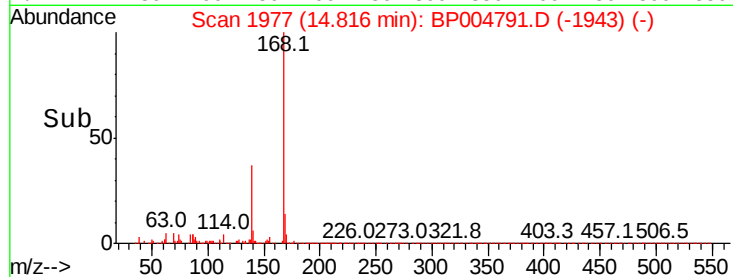
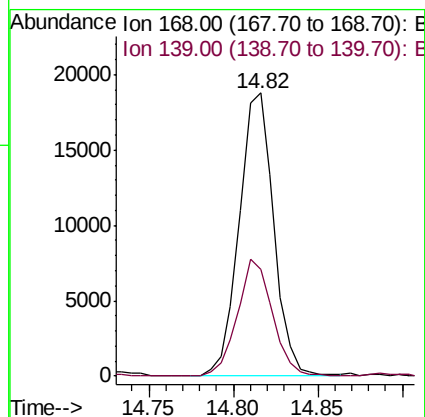
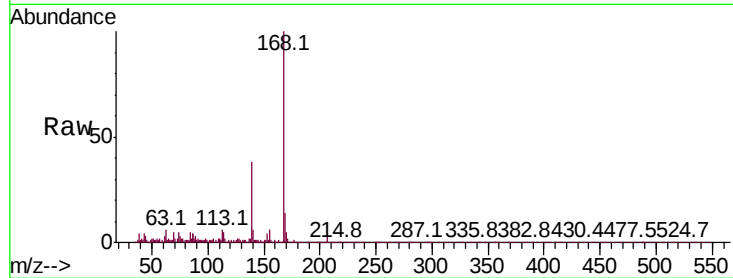
Ion Ratio Lower Upper

168 100

139 37.6 32.5 48.7

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#59

Fluorene

Concen: 2.680 ng/ul

RT: 15.46 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BP004791.D

Acq: 18 Feb 2021 01:53

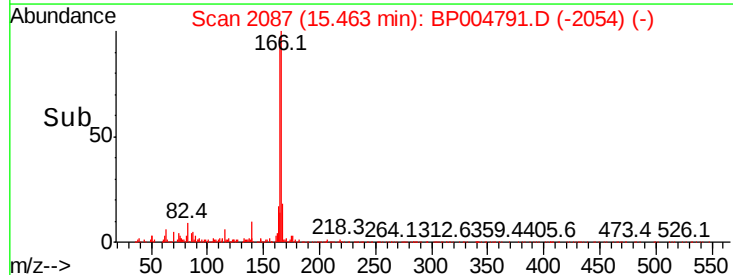
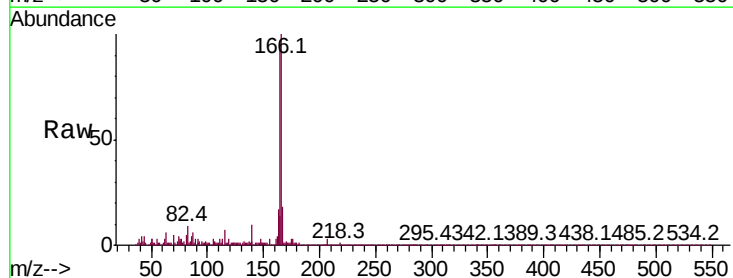
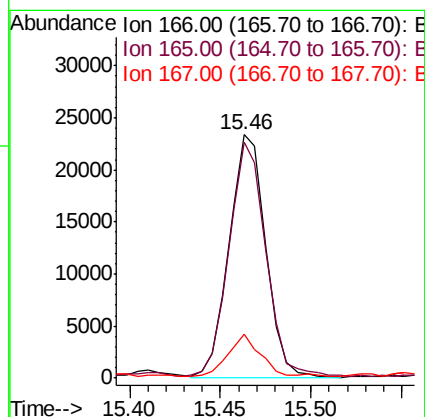
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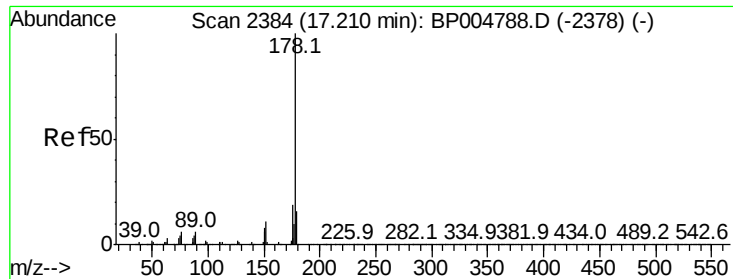
Ion Ratio Lower Upper

166 100

165 97.0 79.8 119.8

167 18.2 10.9 16.3#





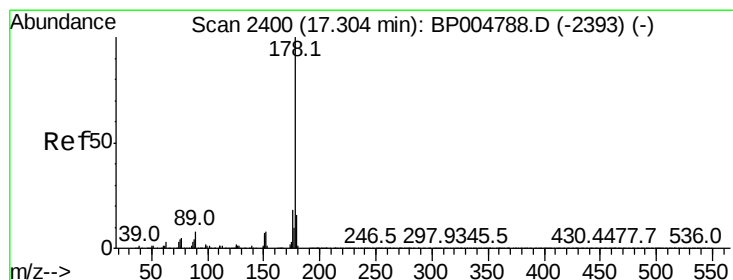
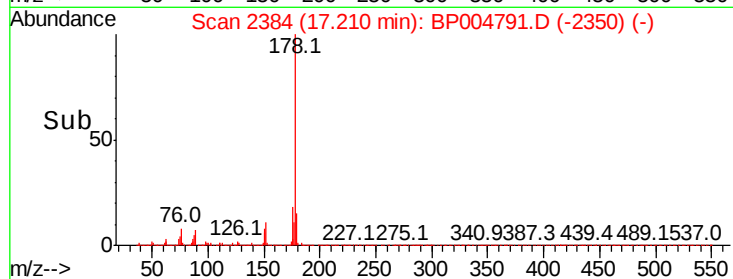
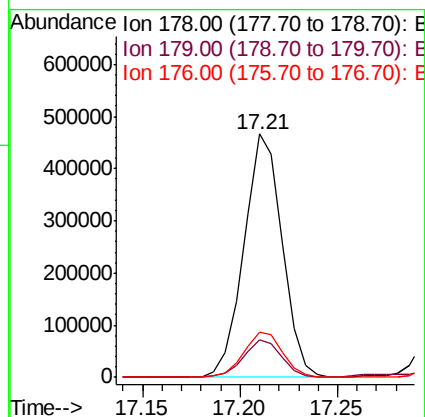
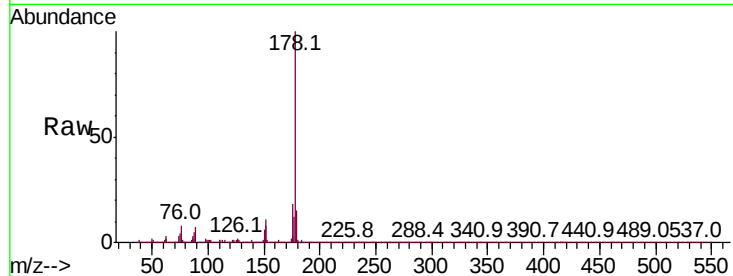
#70
Phenanthrene
Concen: 38.094 ng/ul
RT: 17.21 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BP004791.D
Acq: 18 Feb 2021 01:53

Instrument :
BNA_P
ClientSampleId :
DBGZ2

Tot Ion:178	Resp:	632268
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.1 18.1
176	18.4	15.1 22.7

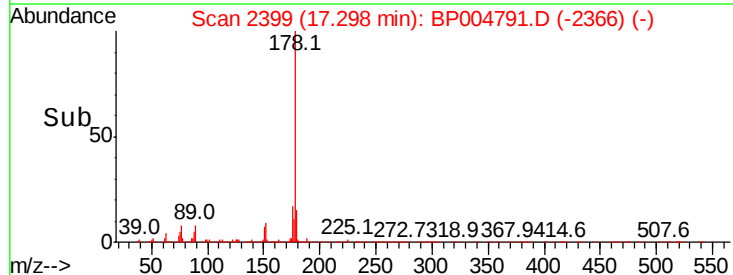
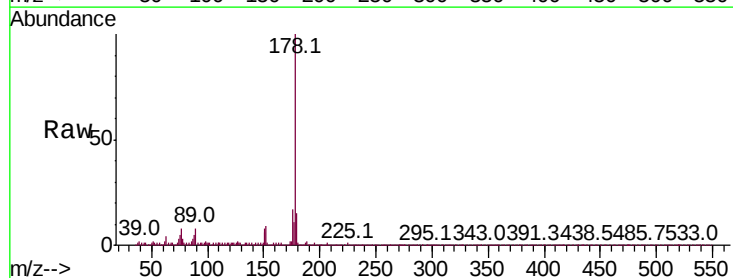
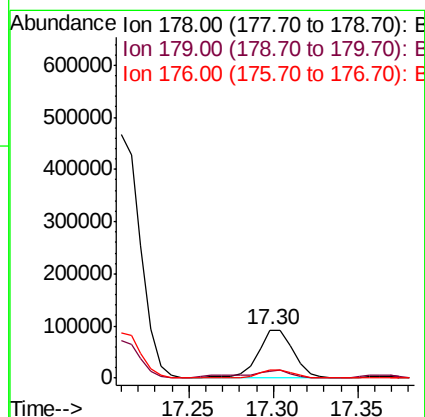
Manual Integrations
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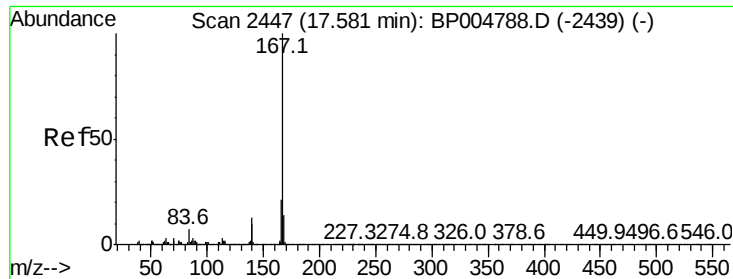
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#72
Anthracene
Concen: 7.881 ng/ul
RT: 17.30 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BP004791.D
Acq: 18 Feb 2021 01:53

Tgt Ion:178	Resp:	133029
Ion Ratio	Lower	Upper
178	100	
179	15.0	12.7 19.1
176	17.0	15.1 22.7





#75

Carbazole

Concen: 6.496 ng/ul

RT: 17.57 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BP004791.D

Acq: 18 Feb 2021 01:53

Instrument :

BNA_P

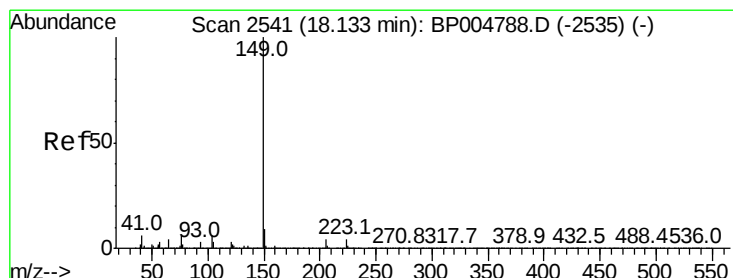
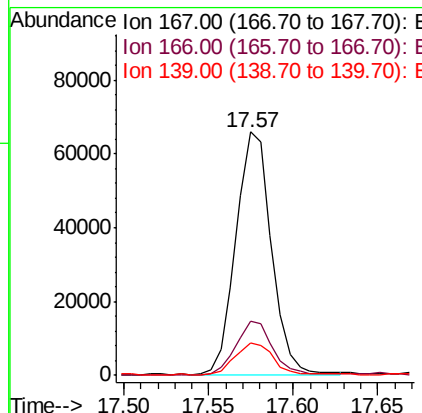
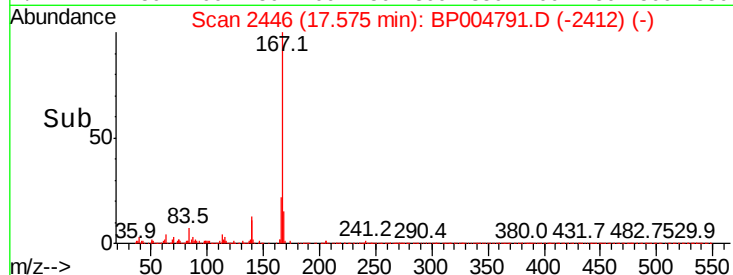
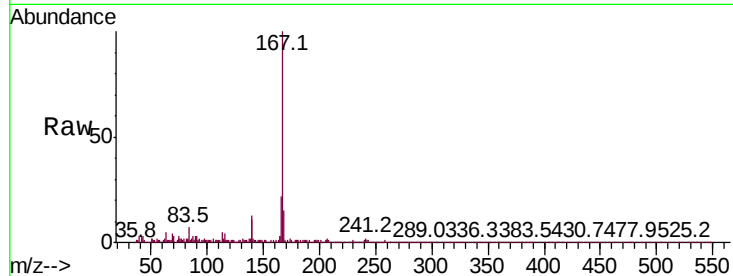
ClientSampleId :

DBGZ2

Tot Ion:	167	Resp:	96000
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.0	25.6
139	13.5	11.0	16.6

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#76

Di-n-butylphthalate

Concen: 2.019 ng/ul

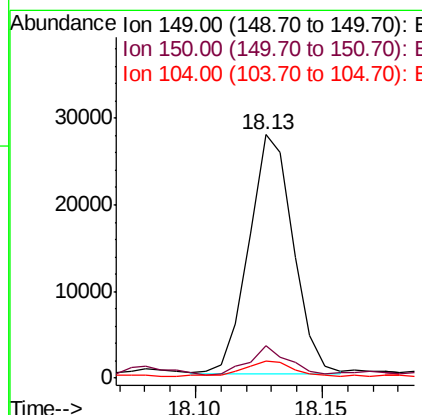
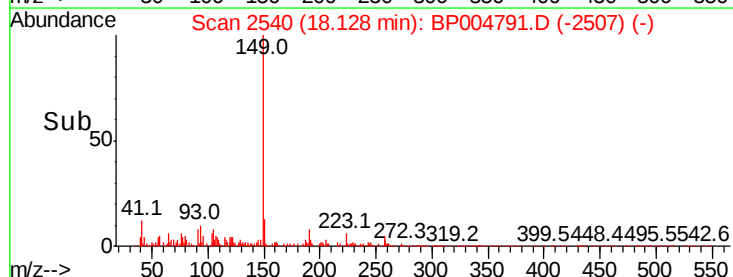
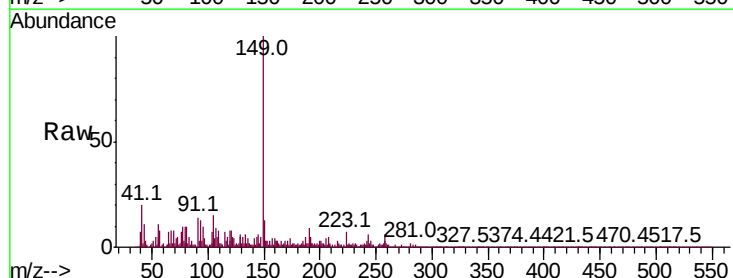
RT: 18.13 min Scan# 2540

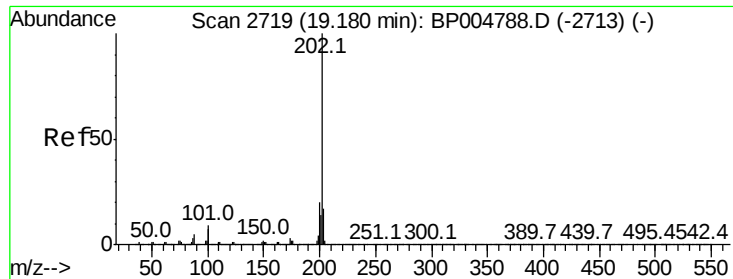
Delta R.T. -0.01 min

Lab File: BP004791.D

Acq: 18 Feb 2021 01:53

Tgt Ion:	149	Resp:	33639
Ion Ratio	Lower	Upper	
149	100		
150	13.3	7.1	10.7#
104	6.8	5.4	8.0





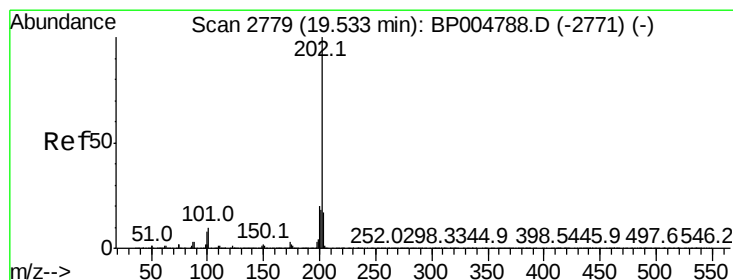
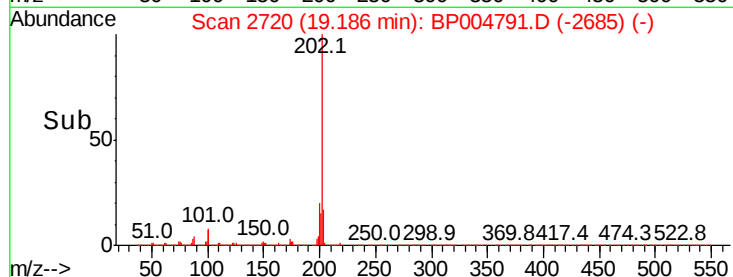
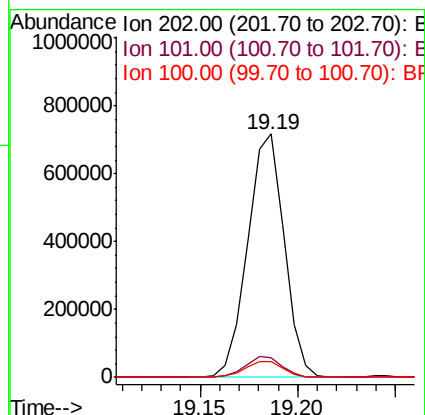
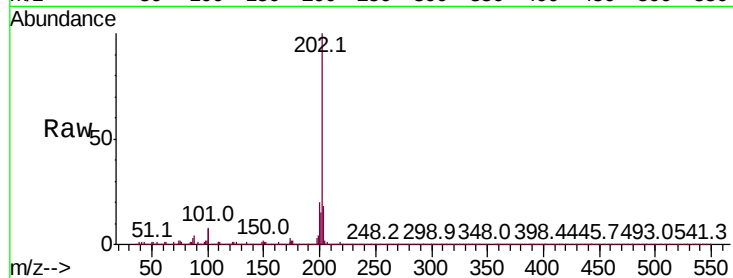
#77
 Fluoranthene
 Concen: 46.683 ng/ul
 RT: 19.19 min Scan# 2720
 Delta R.T. 0.01 min
 Lab File: BP004791.D
 Acq: 18 Feb 2021 01:53

Instrument :
 BNA_P
 ClientSampleId :
 DBGZ2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.0	7.1	10.7
100	6.6	5.8	8.6

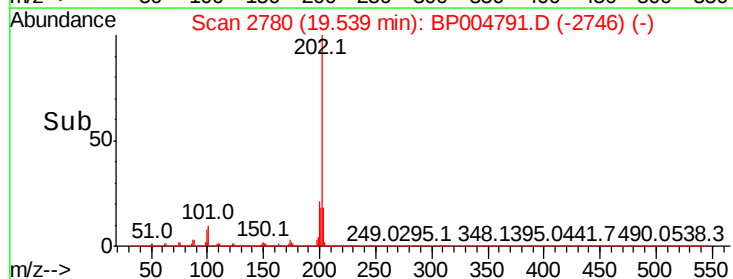
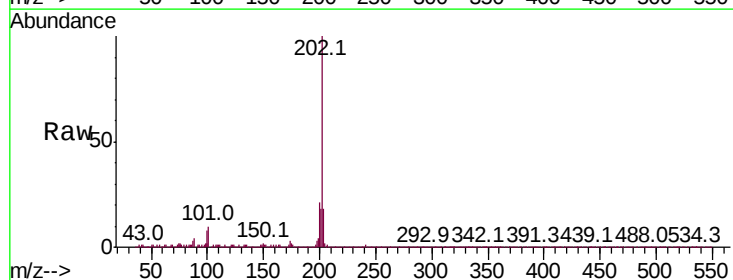
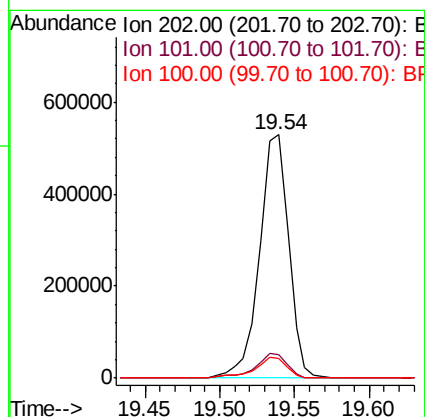
Manual Integrations
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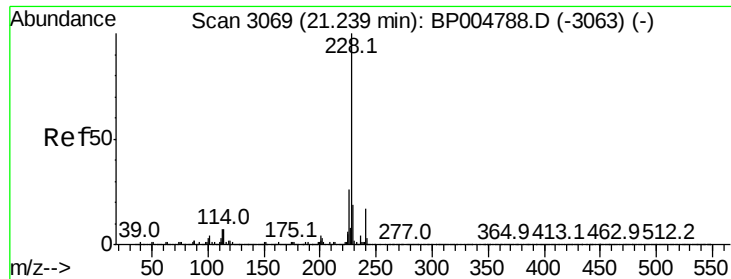
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#80
 Pyrene
 Concen: 48.560 ng/ul
 RT: 19.54 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: BP004791.D
 Acq: 18 Feb 2021 01:53

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	8.0	12.0
100	8.1	6.9	10.3





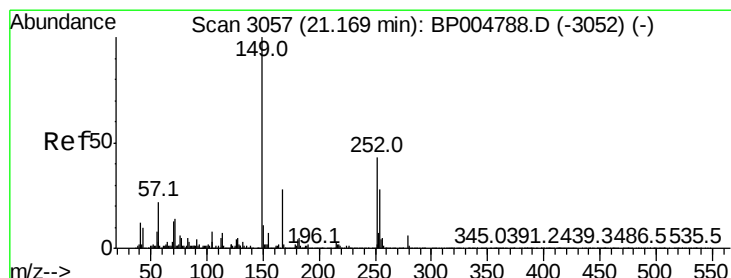
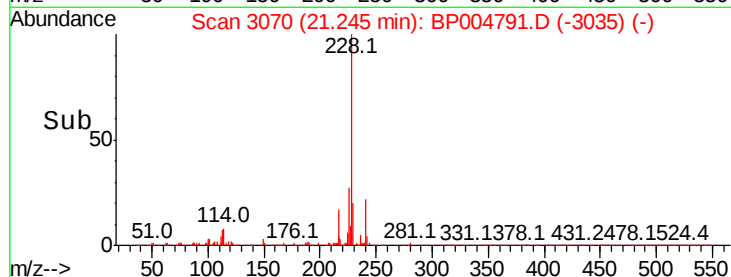
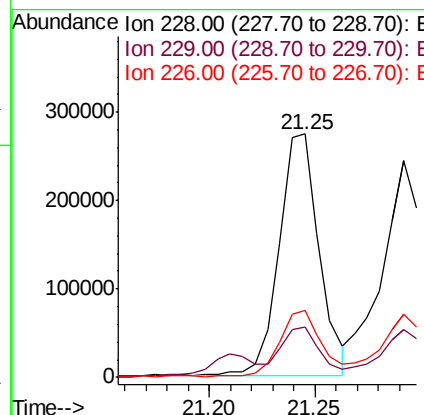
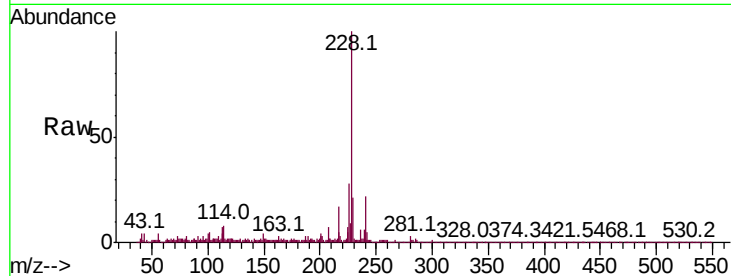
#83
Benzo(a)anthracene
Concen: 25.074 ng/ul
RT: 21.25 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BP004791.D
Acq: 18 Feb 2021 01:53

Instrument :
BNA_P
ClientSampleId :
DBGZ2

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.5	23.3
226	27.6	22.2	33.4

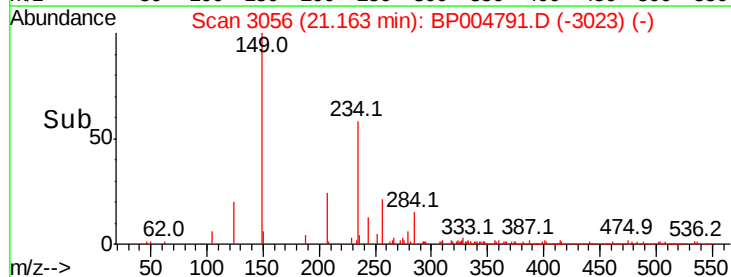
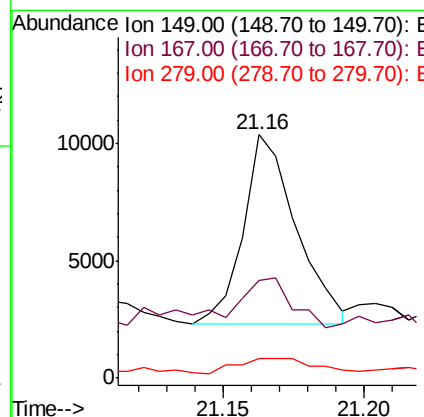
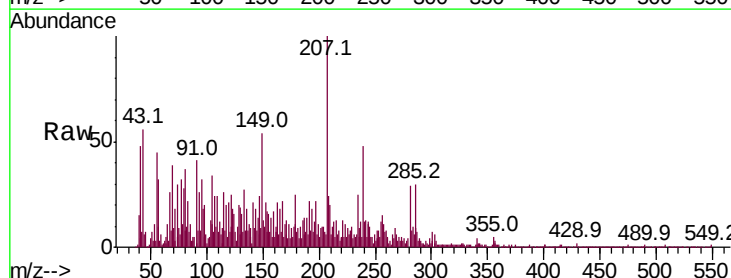
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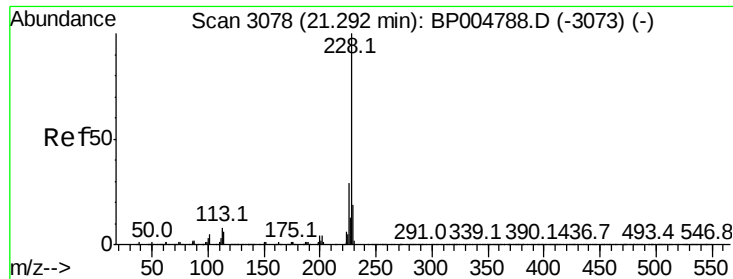
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.347 ng/ul
RT: 21.16 min Scan# 3056
Delta R.T. -0.01 min
Lab File: BP004791.D
Acq: 18 Feb 2021 01:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	40.1	22.6	33.8#
279	8.0	4.1	6.1#





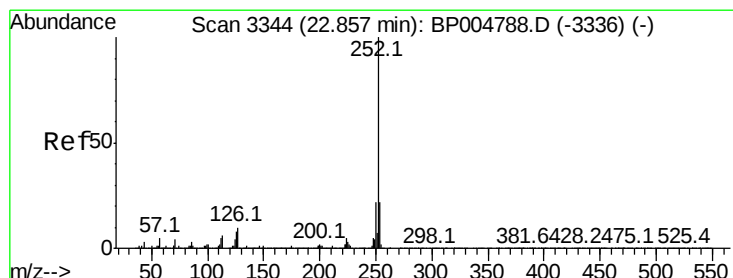
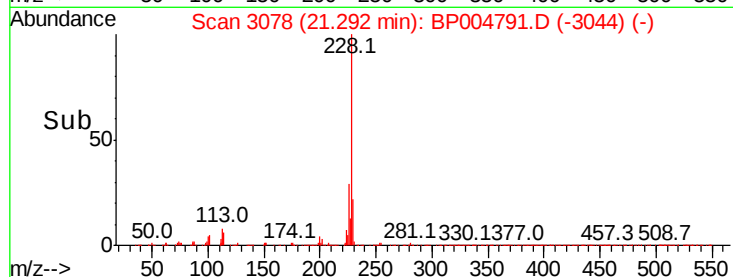
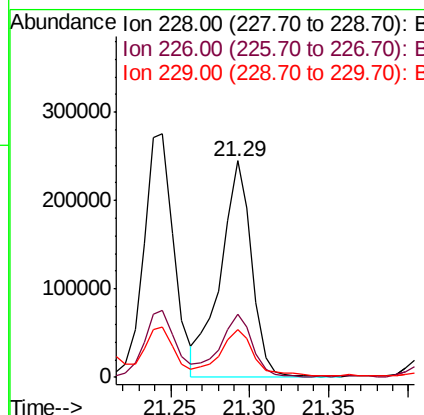
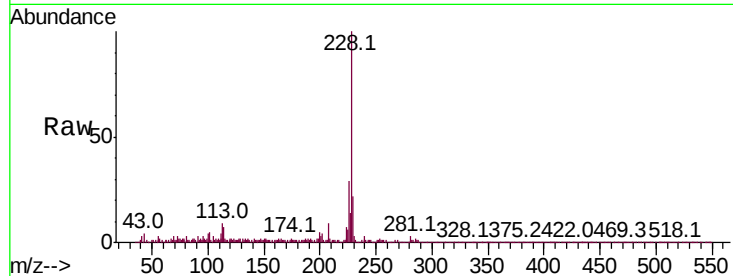
#85
Chrysene
Concen: 23.228 ng/ul
RT: 21.29 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BP004791.D
Acq: 18 Feb 2021 01:53

Instrument :
BNA_P
ClientSampleId :
DBGZ2

Tot Ion	Ratio	Resp	Lower	Upper
228	100	331519		
226	29.3		23.4	35.0
229	22.3		15.6	23.4

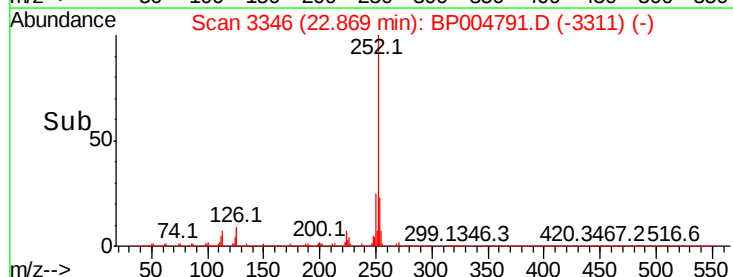
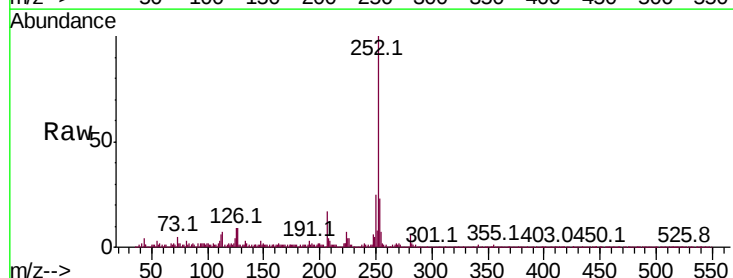
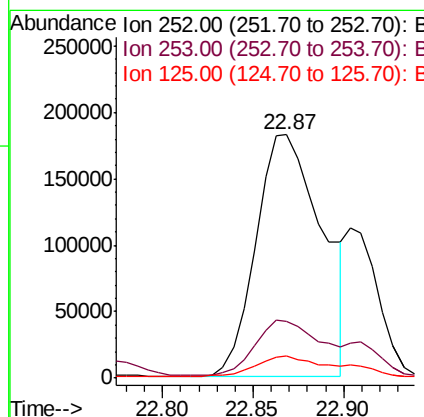
Manual Integrations
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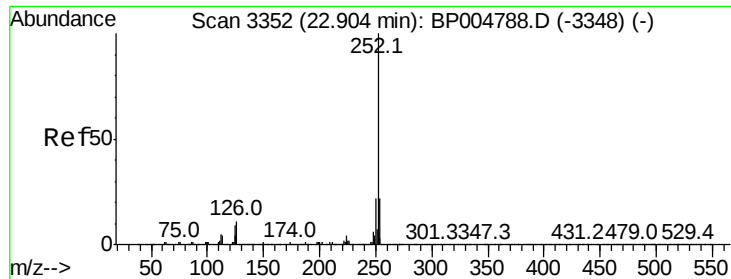
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#88
Benzo(b)fluoranthene
Concen: 29.589 ng/ul
RT: 22.87 min Scan# 3346
Delta R.T. 0.01 min
Lab File: BP004791.D
Acq: 18 Feb 2021 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	463801		
253	23.4		17.3	25.9
125	9.0		5.9	8.9#





#89

Benzo(k)fluoranthene

Concen: 8.906 ng/ul m

RT: 22.90 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BP004791.D

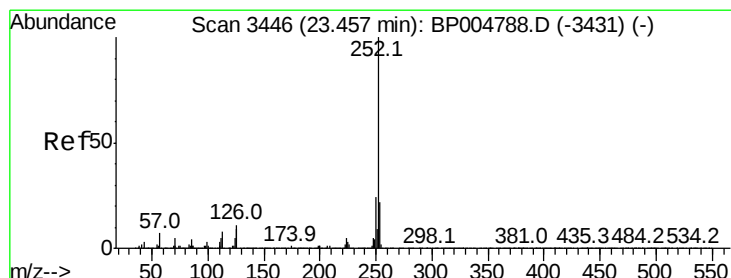
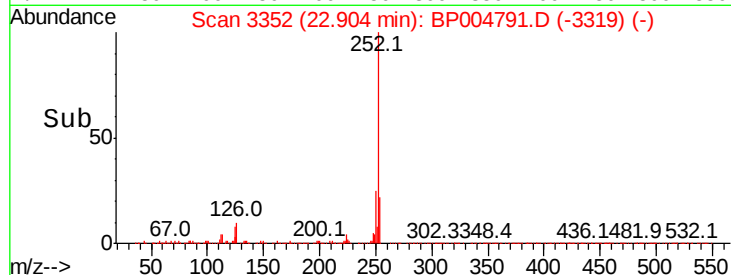
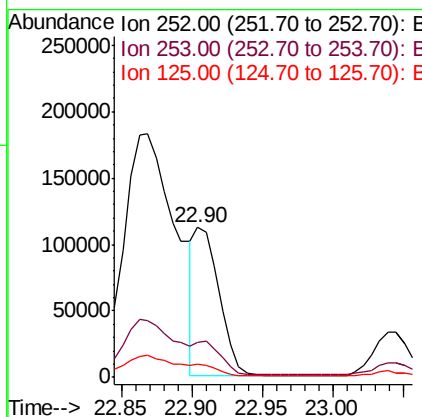
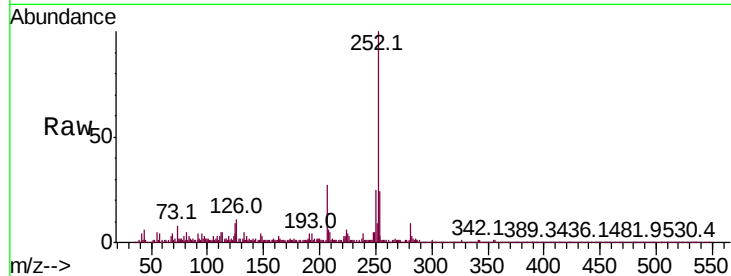
Acq: 18 Feb 2021 01:53

Instrument :
BNA_P
ClientSampled :
DBGZ2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	8.9	5.7	8.5#

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#91

Benzo(a)pyrene

Concen: 21.362 ng/ul

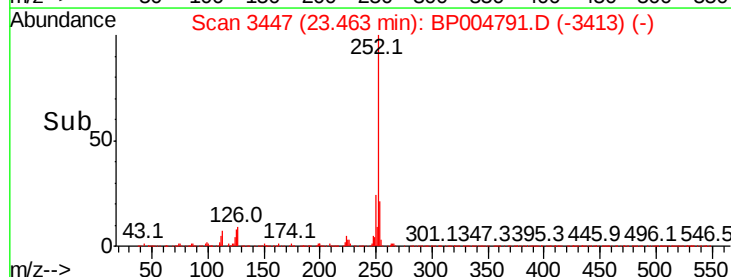
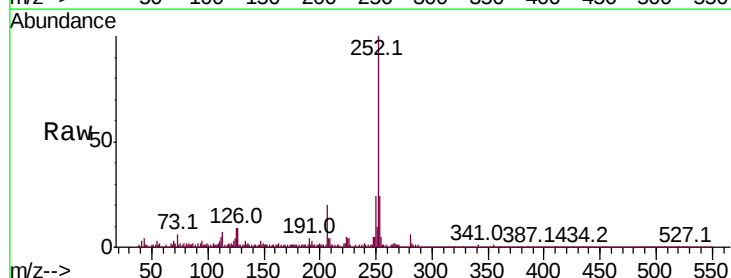
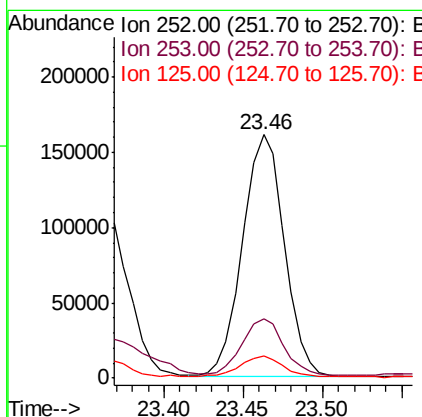
RT: 23.46 min Scan# 3447

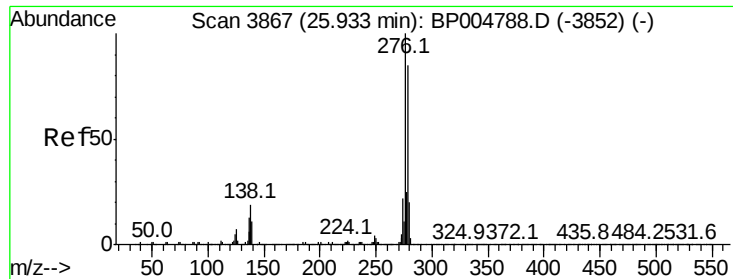
Delta R.T. -0.00 min

Lab File: BP004791.D

Acq: 18 Feb 2021 01:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	9.1	6.4	9.6





#92

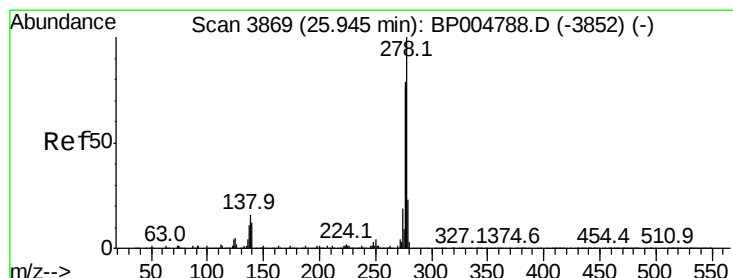
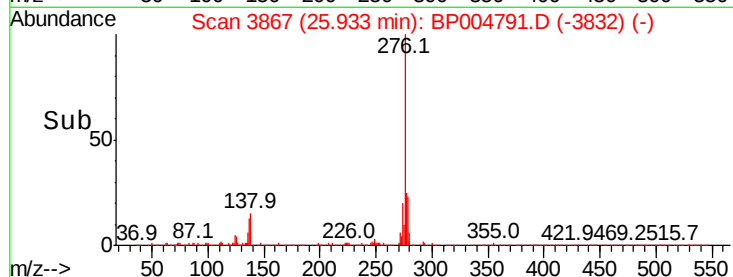
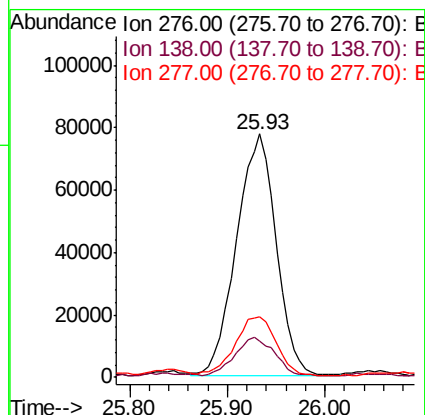
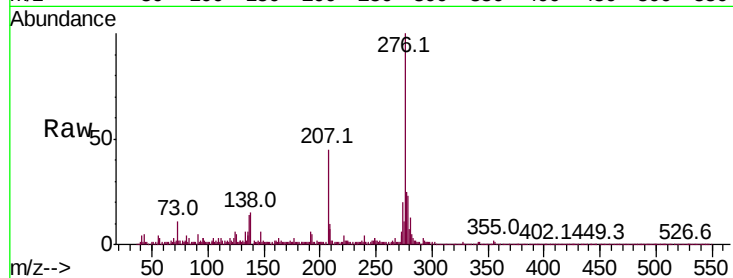
Indeno(1,2,3-cd)pyrene
Concen: 12.472 ng/ul
RT: 25.93 min Scan# 3867
Delta R.T. 0.01 min
Lab File: BP004791.D
Acq: 18 Feb 2021 01:53

Instrument :
BNA_P
ClientSampleId :
DBGZ2

Tot Ion:	276	Resp:	218644
Ion Ratio	Lower	Upper	
276	100		
138	15.1	14.3	21.5
277	25.1	18.5	27.7

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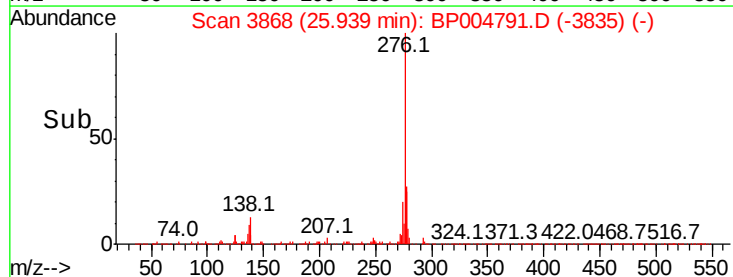
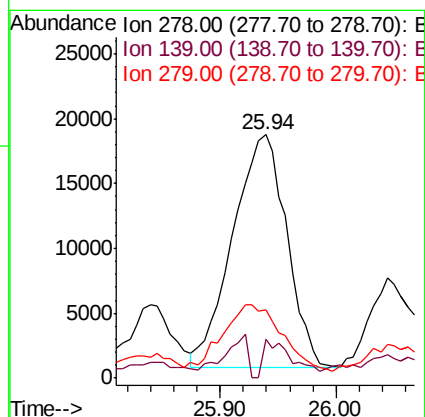
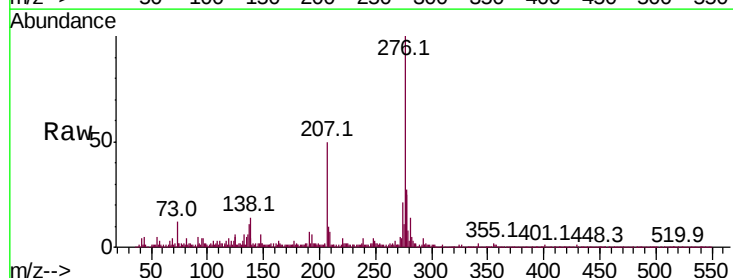
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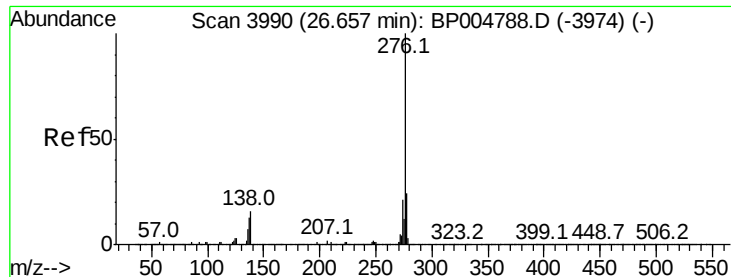


#93

Dibenzo(a,h)anthracene
Concen: 3.895 ng/ul
RT: 25.94 min Scan# 3868
Delta R.T. -0.01 min
Lab File: BP004791.D
Acq: 18 Feb 2021 01:53

Tgt Ion:	278	Resp:	58038
Ion Ratio	Lower	Upper	
278	100		
139	15.9	8.8	13.2#
279	28.0	18.7	28.1





#94

Benzo(a,h,i)perylene

Concen: 13.309 ng/ul

RT: 26.66 min Scan# 3990

Delta R.T. -0.00 min

Lab File: BP004791.D

Acq: 18 Feb 2021 01:53

Instrument :

BNA_P

ClientSampleId :

DBGZ2

Tot Ion:	276	Resp:	193020
Ion Ratio	Lower	Upper	
276	100		
138	15.4	13.4	20.2
277	22.6	18.6	28.0

Manual Integrations
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