

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
 Data File : BP004797.D
 Acq On : 18 Feb 2021 05:15
 Operator : CG/JU
 Sample : M1379-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBGZ0

Manual Integrations
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Quant Time: Feb 18 07:32:51 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	54066	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	198130	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.42	164	118076	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	245946	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	257413	20.00	ng/ul	0.01
86) Perylene-d12	23.57	264	256441	20.00	ng/ul	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	3688	2.64	ng/uL	0.00
5) Phenol-d5	6.96	99	62143	14.32	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.10	67	38586	17.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	54232	16.49	ng/ul	0.01
13) 4-Methylphenol-d8	8.49	113	22037	6.45	ng/ul	0.02
19) Nitrobenzene-d5	8.93	128	26184	19.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	30526	20.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	48576	16.08	ng/ul	0.01
29) 4-Chloroaniline-d4	10.71	131	17721	5.25	ng/ul	0.01
44) Dimethylphthalate-d6	13.83	166	162409	18.95	ng/ul	0.00
47) Acenaphthylene-d8	14.11	160	198620	19.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	21265	14.20	ng/ul	0.04
58) Fluorene-d10	15.41	176	138876	18.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	12890	8.67	ng/ul	0.00
71) Anthracene-d10	17.27	188	213738	19.71	ng/ul	0.00
79) Pyrene-d10	19.52	212	244948	20.33	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.43	264	255986	19.73	ng/ul	0.01

Target Compounds				Ovalue		
4) Benzaldehyde	6.92	77	6254	2.751	ng/ul	98
6) Phenol	6.99	94	6541	1.446	ng/ul	95
14) Acetophenone	8.59	105	13315	2.371	ng/ul	94
41) 1,1'-Biphenyl	13.25	154	118669	13.633	ng/ul	99
45) Dimethylphthalate	13.87	163	11894	1.346	ng/ul	98
50) Acenaphthene	14.48	153	38470	5.262	ng/ul	99
54) Dibenzofuran	14.82	168	50193	4.802	ng/ul	96
59) Fluorene	15.47	166	63204	7.243	ng/ul	96
70) Phenanthrene	17.22	178	473737	36.158	ng/ul	99
72) Anthracene	17.30	178	74036	5.556	ng/ul	99
75) Carbazole	17.59	167	15192	1.302	ng/ul#	83
77) Fluoranthene	19.19	202	319003	20.269	ng/ul	100
80) Pyrene	19.55	202	235950	15.092	ng/ul	98
83) Benzo(a)anthracene	21.25	228	72797	4.722	ng/ul	95
85) Chrysene	21.30	228	64528m	4.221	ng/ul	
88) Benzo(b)fluoranthene	22.87	252	57836	3.583	ng/ul#	89
89) Benzo(k)fluoranthene	22.92	252	18890m	1.202	ng/ul	
91) Benzo(a)pyrene	23.47	252	36507	2.571	ng/ul#	86
92) Indeno(1,2,3-cd)pyrene	25.93	276	19792	1.096	ng/ul	95
94) Benzo(g,h,i)perylene	26.66	276	16692m	1.118	ng/ul	

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

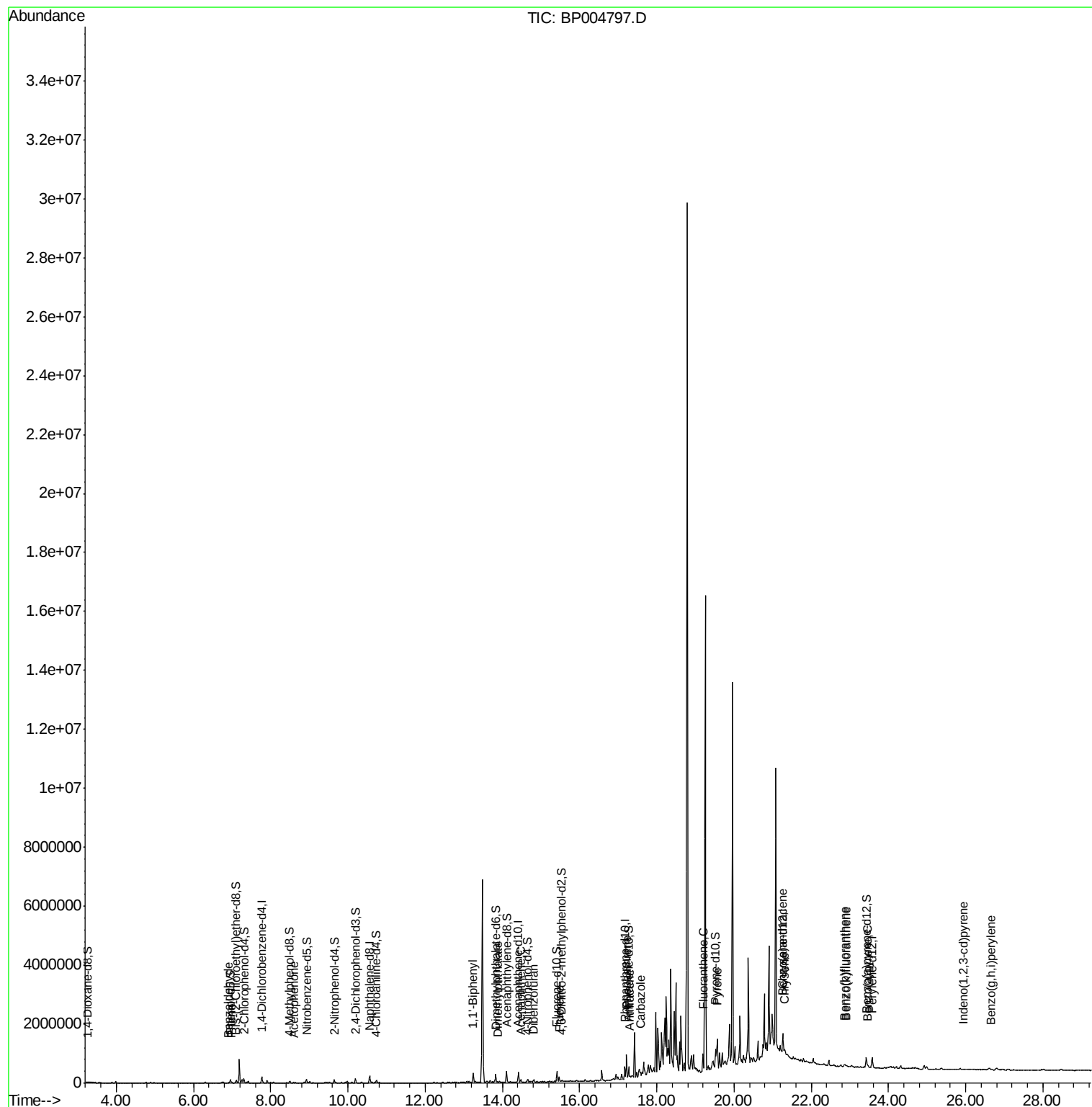
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004797.D
Acq On : 18 Feb 2021 05:15
Operator : CG/JU
Sample : M1379-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

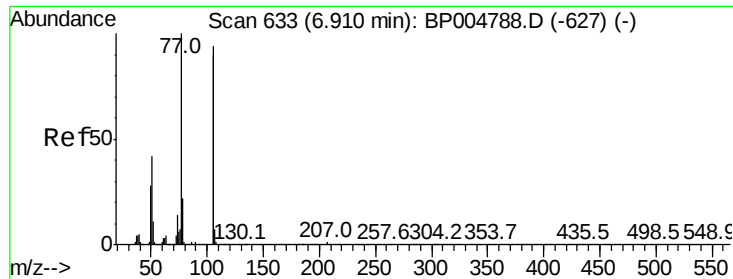
Instrument :
BNA_P
ClientSampleId :
DBGZ0

Quant Time: Feb 18 07:32:51 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

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#4

Benzaldehyde

Concen: 2.751 ng/ul

RT: 6.92 min Scan# 634

Delta R.T. 0.01 min

Lab File: BP004797.D

Acq: 18 Feb 2021 05:15

Instrument :

BNA_P

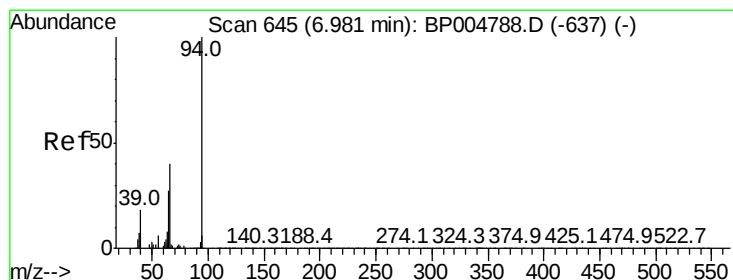
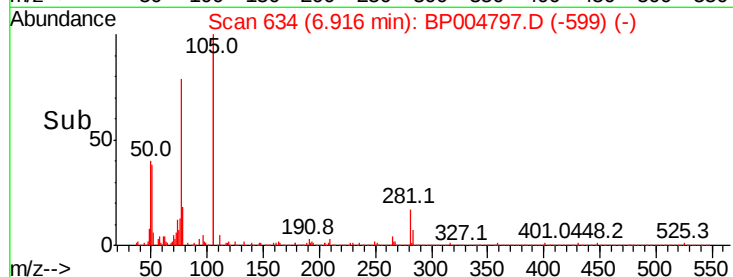
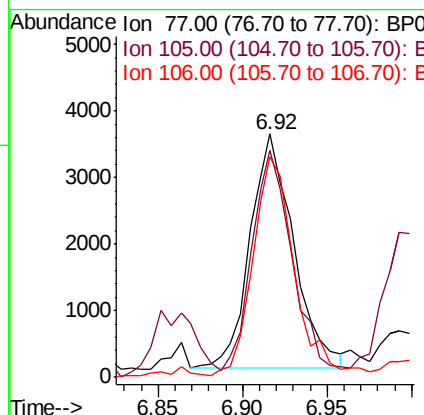
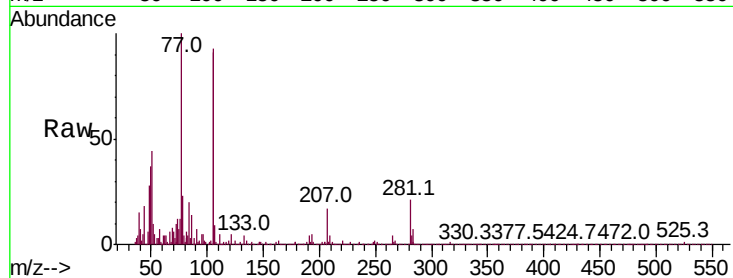
ClientSampleID :

DBGZ0

Tot Ion:	77	Resp:	6254
Ion	Ratio	Lower	Upper
77	100		
105	93.0	76.0	114.0
106	90.8	74.0	111.0

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#6

Phenol

Concen: 1.446 ng/ul

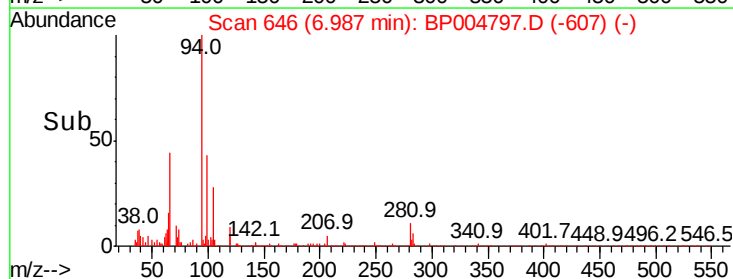
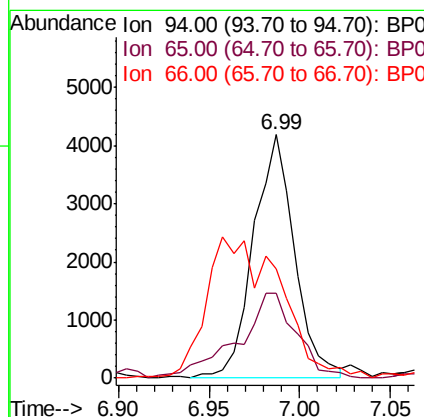
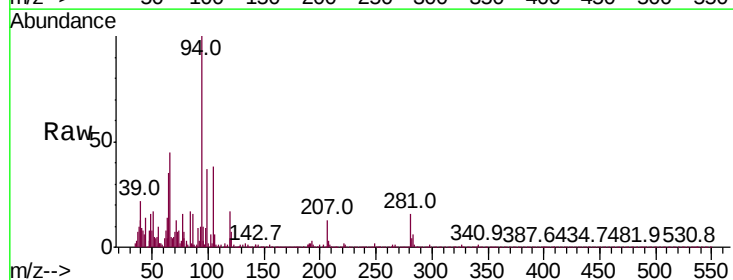
RT: 6.99 min Scan# 646

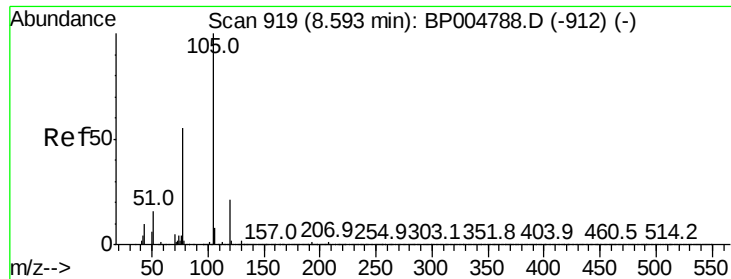
Delta R.T. 0.03 min

Lab File: BP004797.D

Acq: 18 Feb 2021 05:15

Tgt Ion:	94	Resp:	6541
Ion	Ratio	Lower	Upper
94	100		
65	34.8	24.8	37.2
66	45.1	38.1	57.1





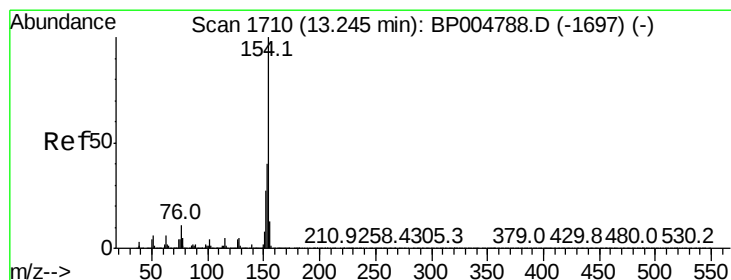
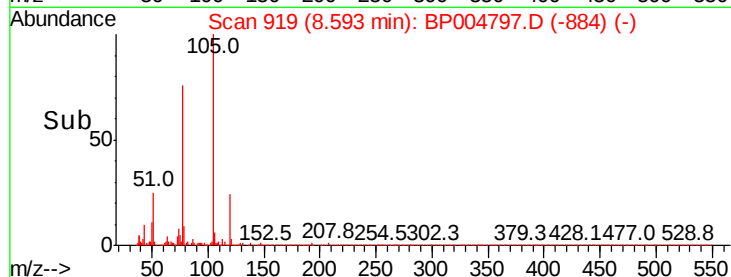
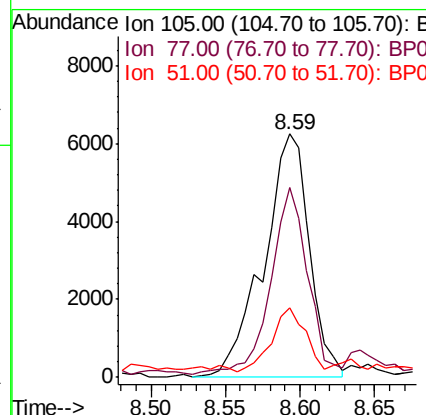
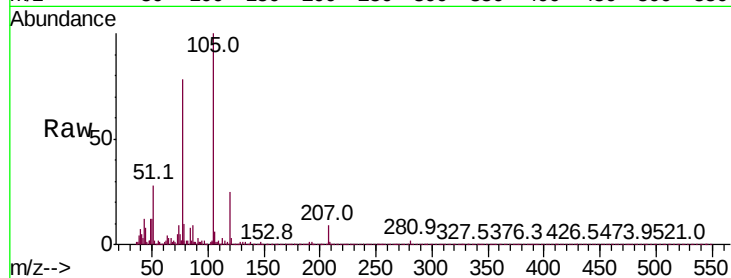
#14
Acetophenone
Concen: 2.371 ng/ul
RT: 8.59 min Scan# 919
Delta R.T. 0.01 min
Lab File: BP004797.D
Acq: 18 Feb 2021 05:15

Instrument :
BNA_P
ClientSampleId :
DBGZ0

Tot Ion	Ratio	Lower	Upper
105	100		
77	78.2	66.5	99.7
51	28.4	20.2	30.2

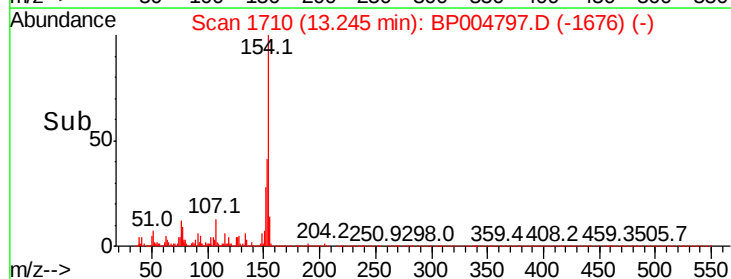
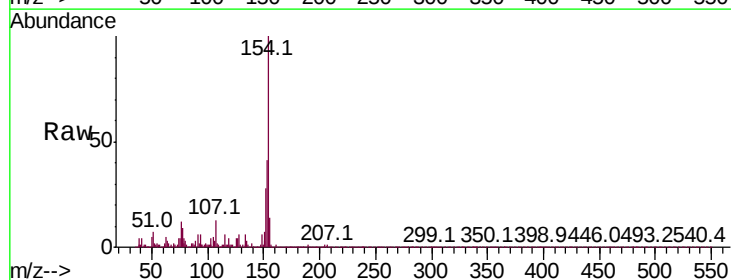
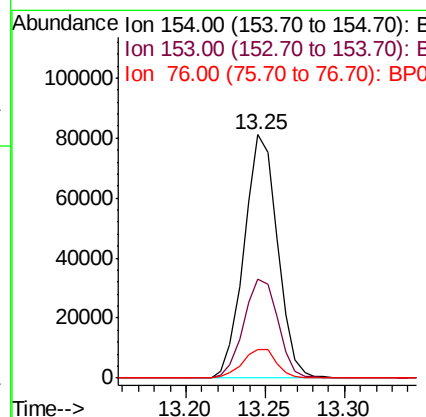
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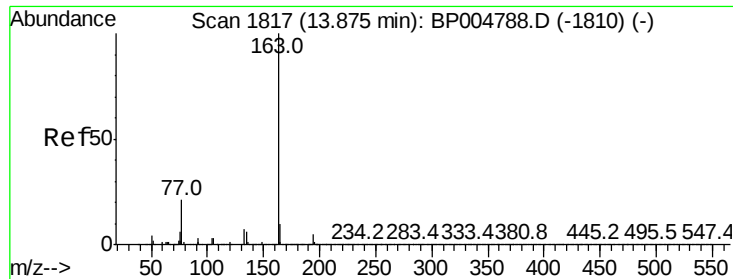
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#41
1,1'-Biphenyl
Concen: 13.633 ng/ul
RT: 13.25 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BP004797.D
Acq: 18 Feb 2021 05:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	32.3	48.5
76	11.8	8.8	13.2





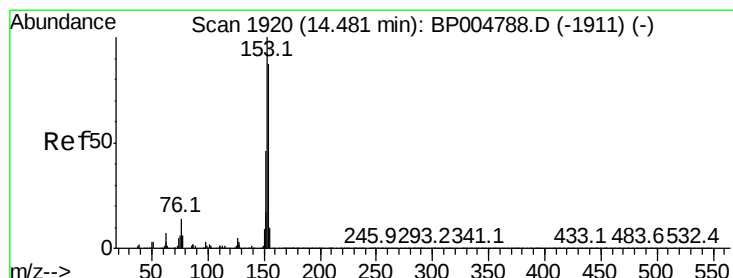
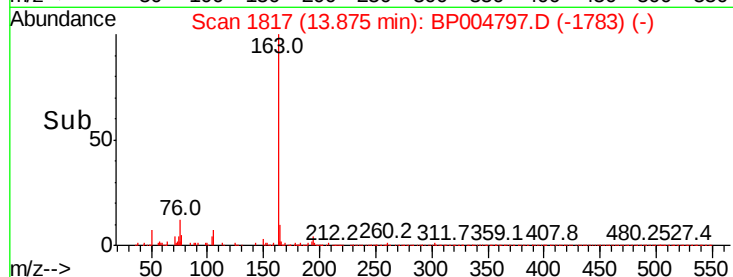
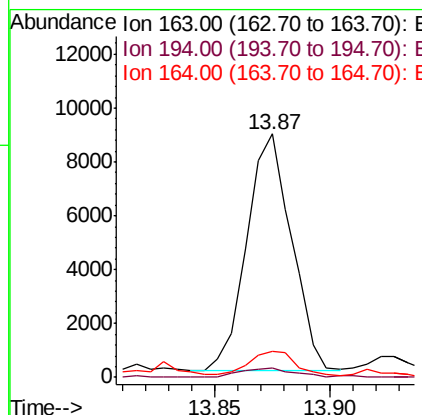
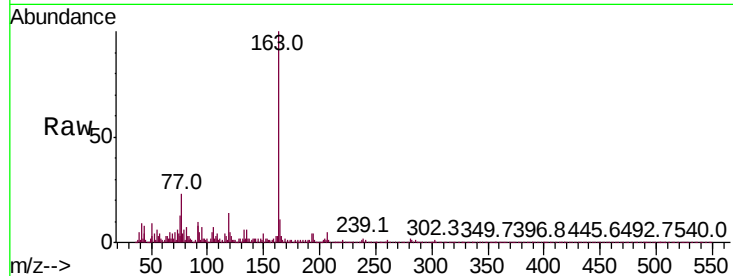
#45
Dimethylphthalate
Concen: 1.346 ng/ul
RT: 13.87 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BP004797.D
Acq: 18 Feb 2021 05:15

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.6
164	10.7	8.0	12.0

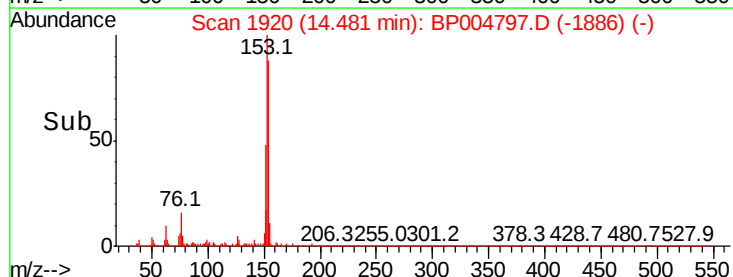
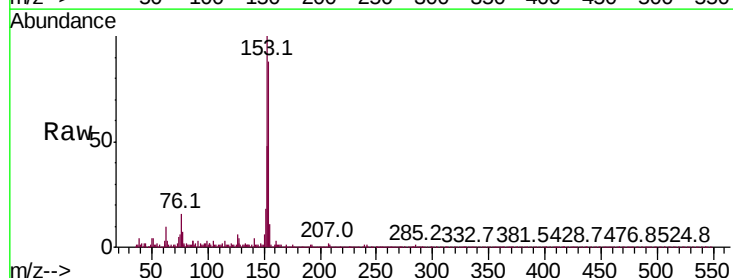
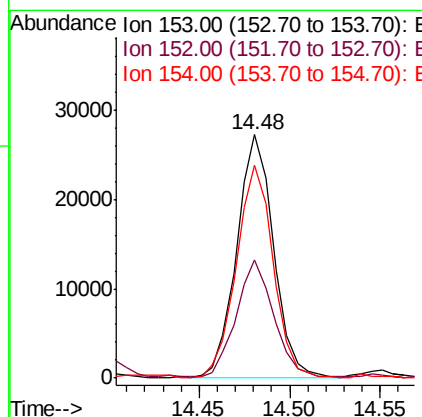
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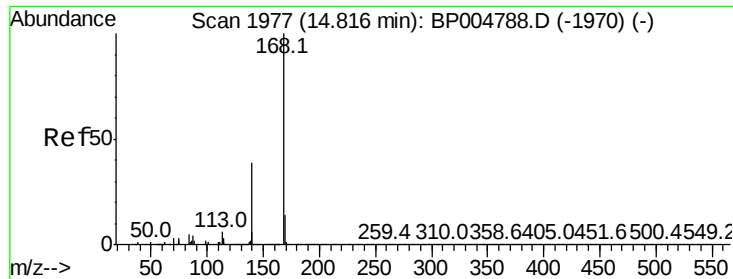
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#50
Acenaphthene
Concen: 5.262 ng/ul
RT: 14.48 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BP004797.D
Acq: 18 Feb 2021 05:15

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.4	37.0	55.4
154	87.5	70.1	105.1





#54

Dibenzenofuran

Concen: 4.802 ng/ul

RT: 14.82 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BP004797.D

Acq: 18 Feb 2021 05:15

Instrument :

BNA_P

ClientSampleId :

DBGZ0

Tot Ion:168 Resp: 50193

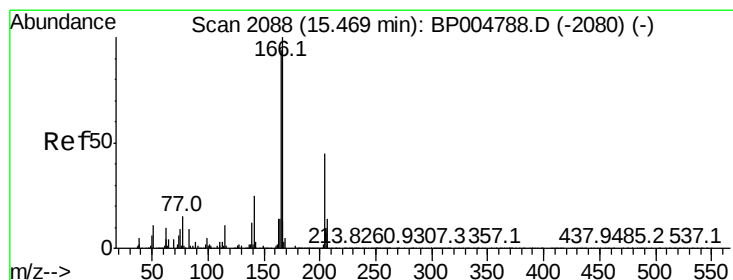
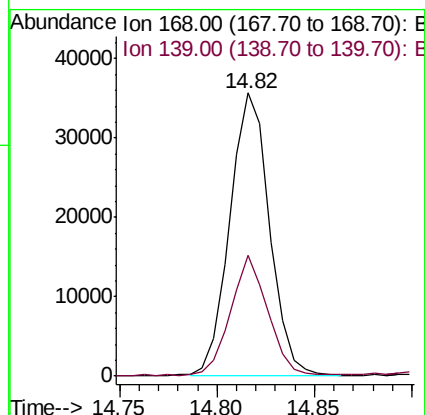
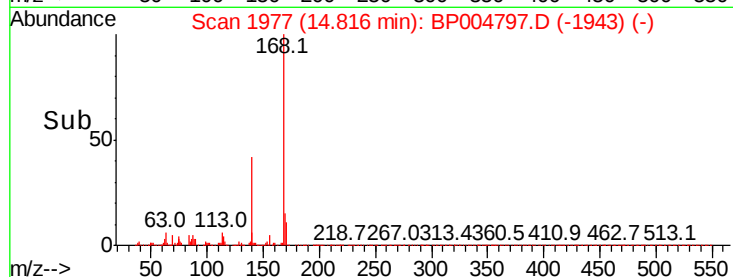
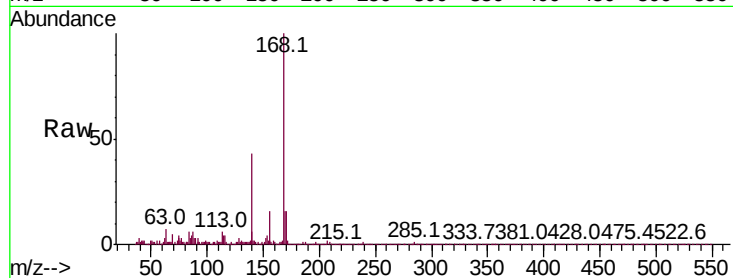
Ion Ratio Lower Upper

168 100

139 42.8 32.5 48.7

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#59

Fluorene

Concen: 7.243 ng/ul

RT: 15.47 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BP004797.D

Acq: 18 Feb 2021 05:15

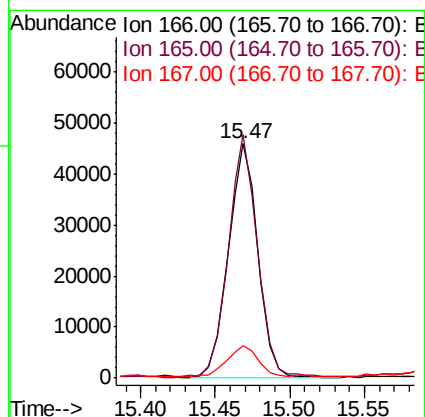
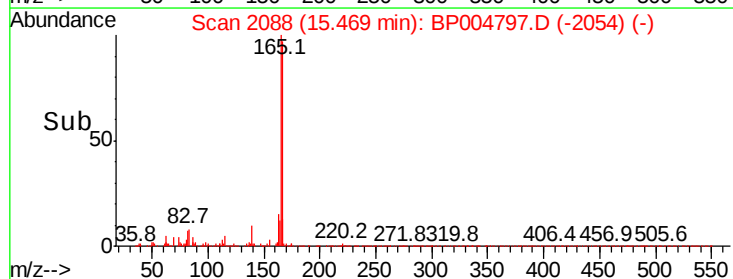
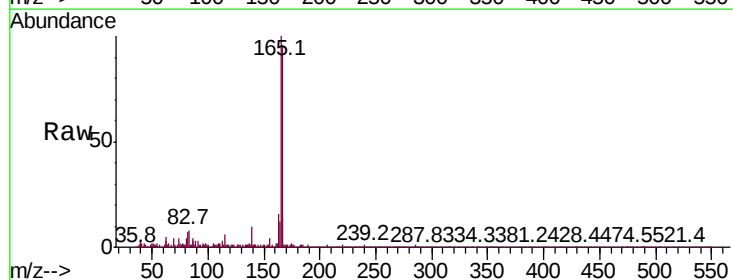
Tgt Ion:166 Resp: 63204

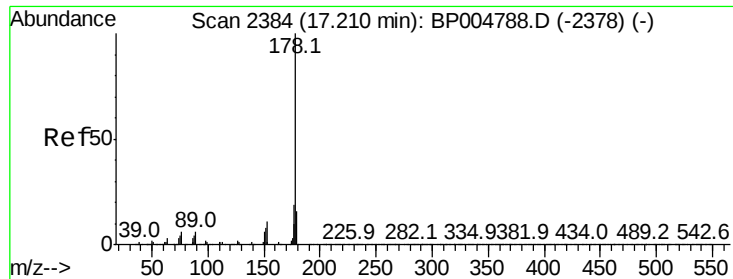
Ion Ratio Lower Upper

166 100

165 103.9 79.8 119.8

167 14.1 10.9 16.3





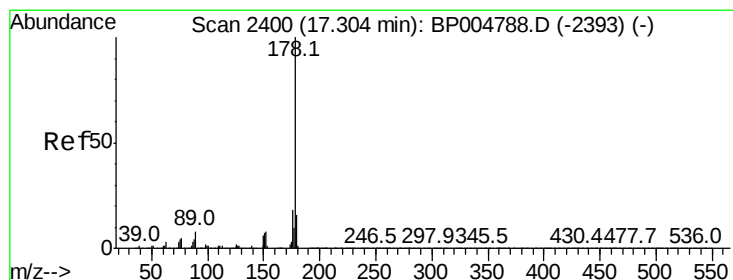
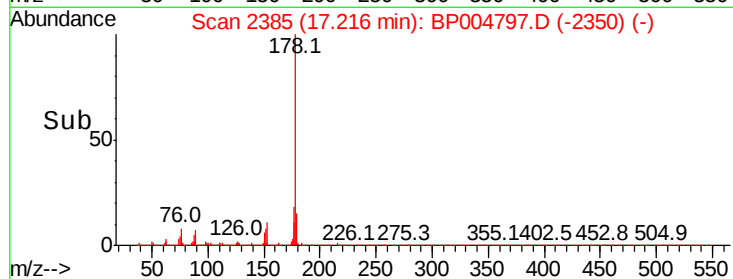
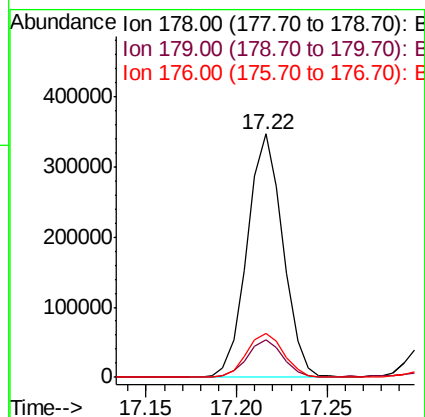
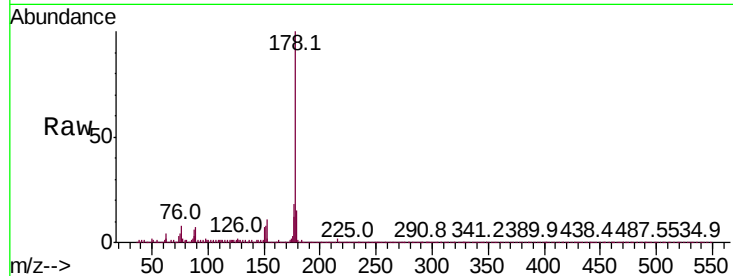
#70
Phenanthrene
Concen: 36.158 ng/ul
RT: 17.22 min Scan# 2385
Delta R.T. 0.01 min
Lab File: BP004797.D
Acq: 18 Feb 2021 05:15

Instrument :
BNA_P
ClientSampleId :
DBGZ0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	18.3	15.1	22.7

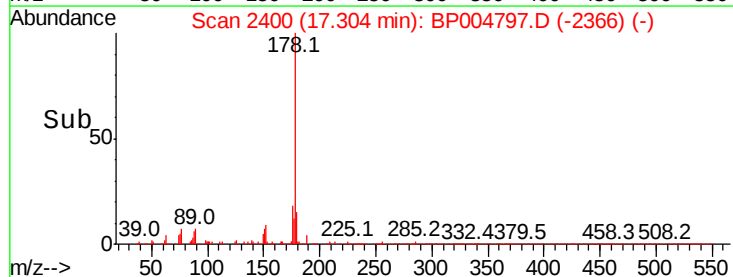
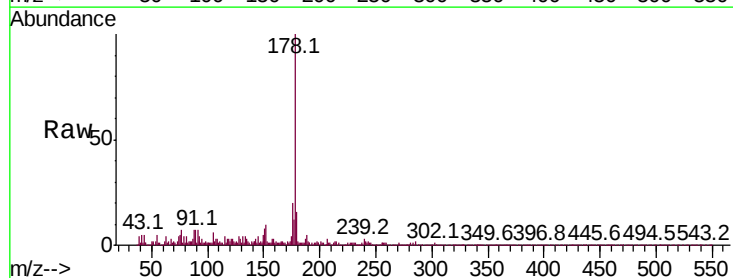
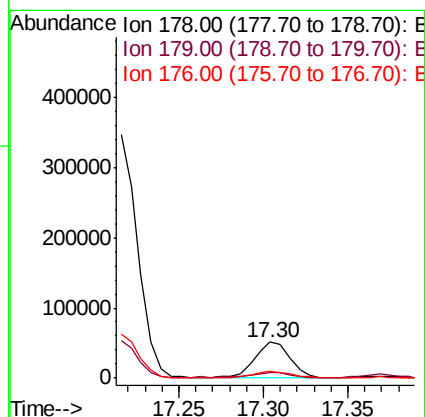
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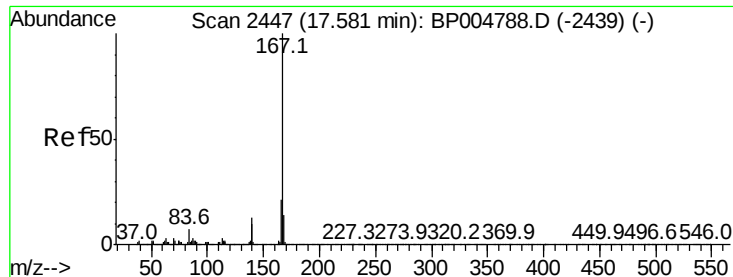
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#72
Anthracene
Concen: 5.556 ng/ul
RT: 17.30 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BP004797.D
Acq: 18 Feb 2021 05:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.7	19.1
176	19.7	15.1	22.7





#75

Carbazole

Concen: 1.302 ng/ul

RT: 17.59 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BP004797.D

Acq: 18 Feb 2021 05:15

Instrument :

BNA_P

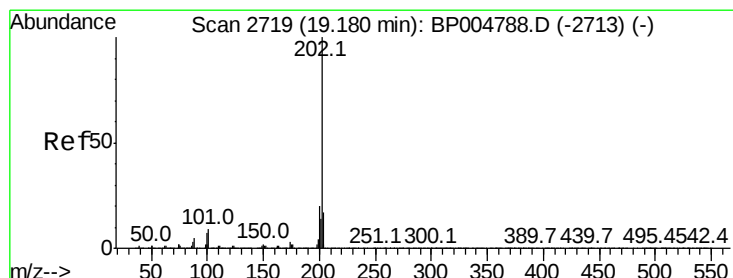
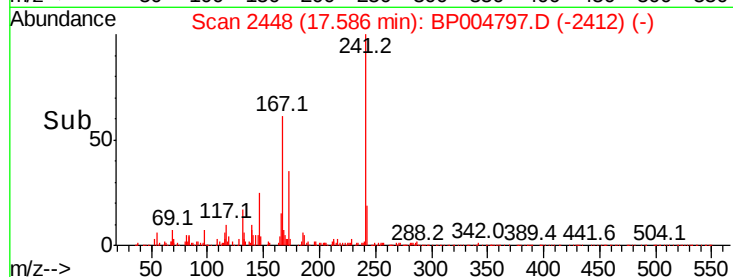
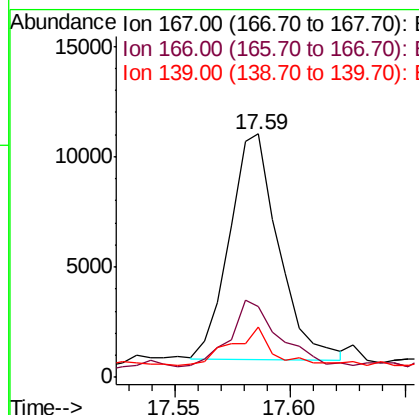
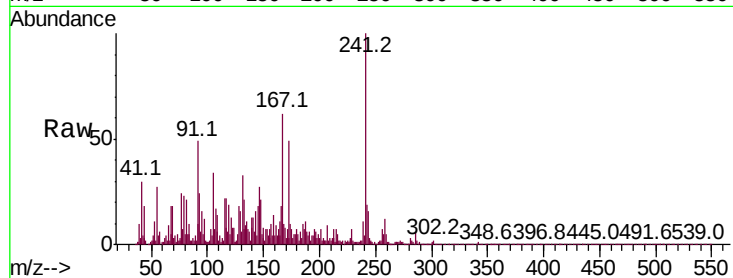
ClientSampled :

DBGZ0

Tot Ion:	167	Resp:	15192
Ion Ratio	Lower	Upper	
167	100		
166	29.3	17.0	25.6#
139	20.6	11.0	16.6#

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#77

Fluoranthene

Concen: 20.269 ng/ul

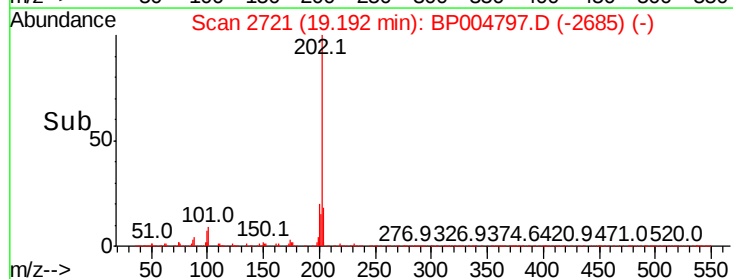
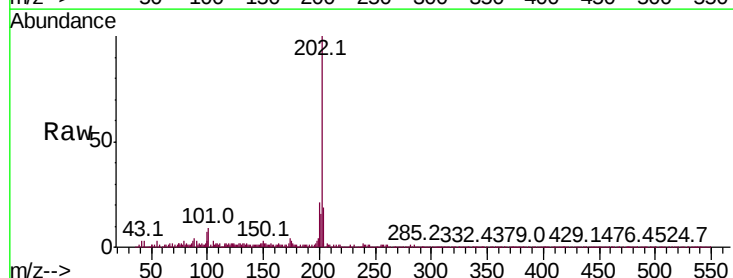
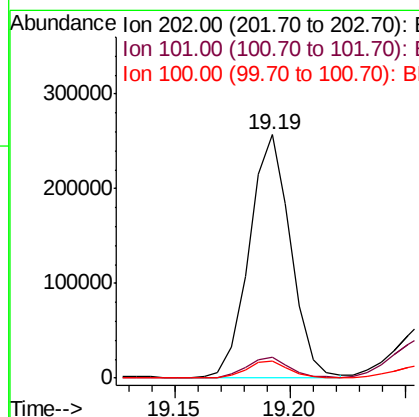
RT: 19.19 min Scan# 2721

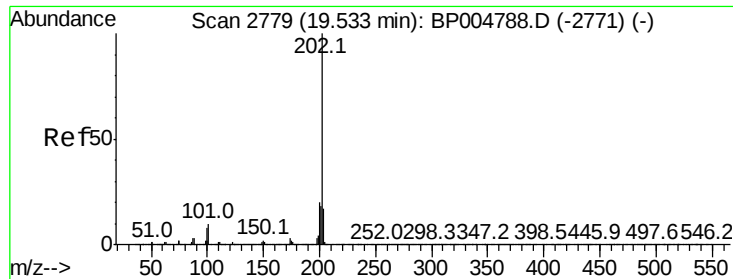
Delta R.T. 0.01 min

Lab File: BP004797.D

Acq: 18 Feb 2021 05:15

Tgt Ion:	202	Resp:	319003
Ion Ratio	Lower	Upper	
202	100		
101	8.8	7.1	10.7
100	7.1	5.8	8.6





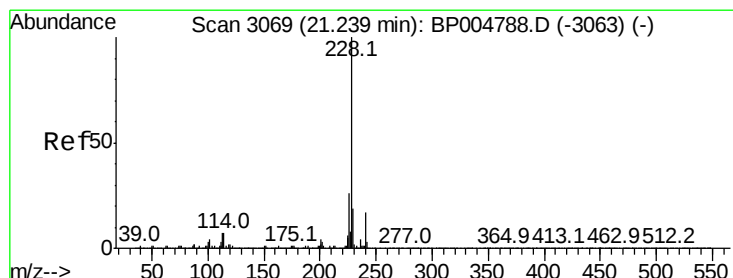
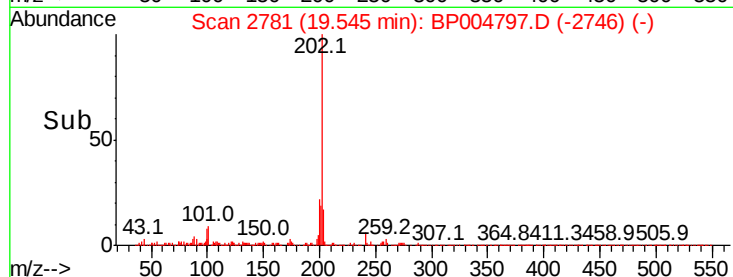
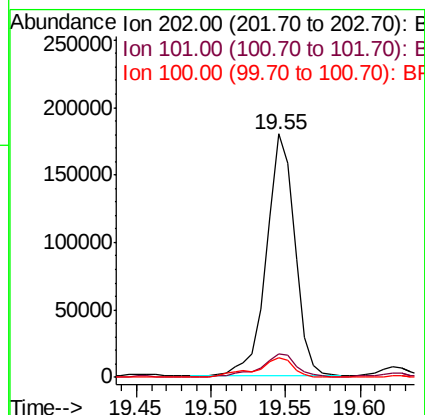
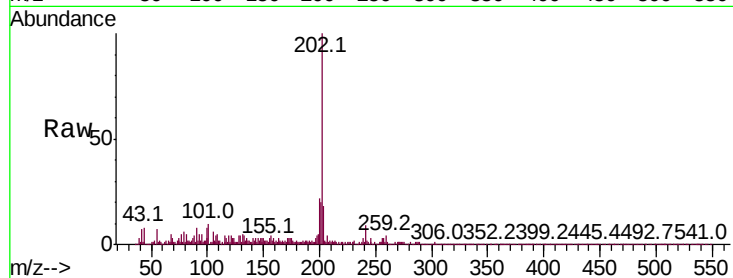
#80
Pvrene
Concen: 15.092 ng/ul
RT: 19.55 min Scan# 2781
Delta R.T. 0.01 min
Lab File: BP004797.D
Acq: 18 Feb 2021 05:15

Instrument :
BNA_P
ClientSampled :
DBGZ0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	8.0	12.0
100	7.8	6.9	10.3

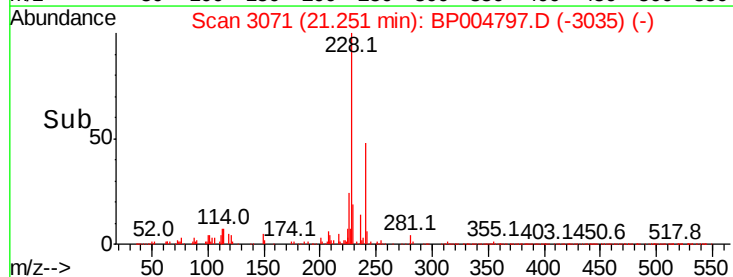
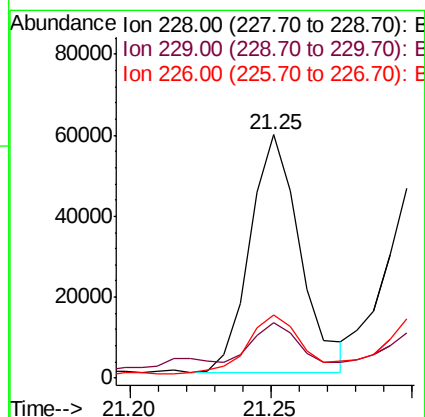
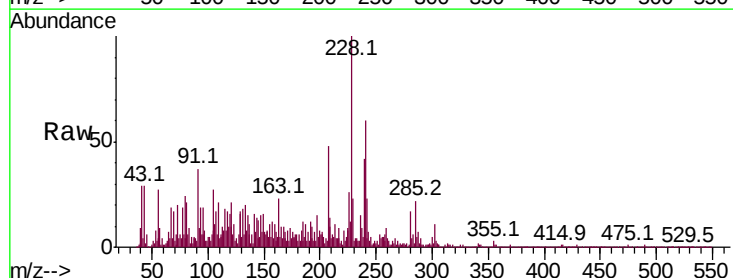
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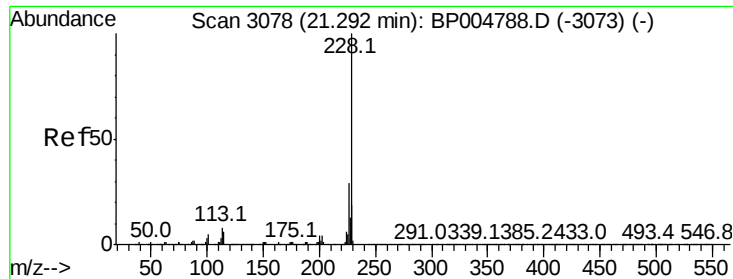
mohammad
2/18/2021 1:40:30 PM



#83
Benzo(a)anthracene
Concen: 4.722 ng/ul
RT: 21.25 min Scan# 3071
Delta R.T. 0.01 min
Lab File: BP004797.D
Acq: 18 Feb 2021 05:15

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.6	15.5	23.3
226	26.0	22.2	33.4





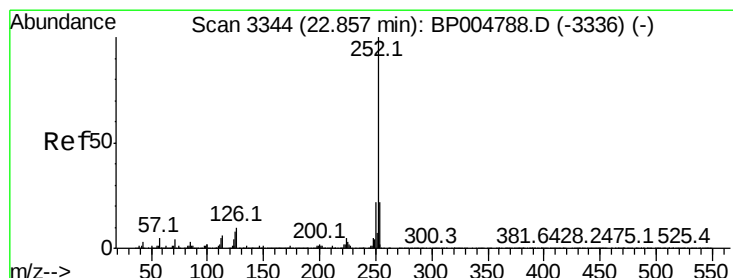
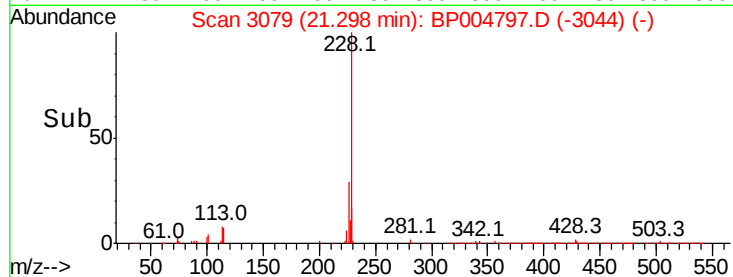
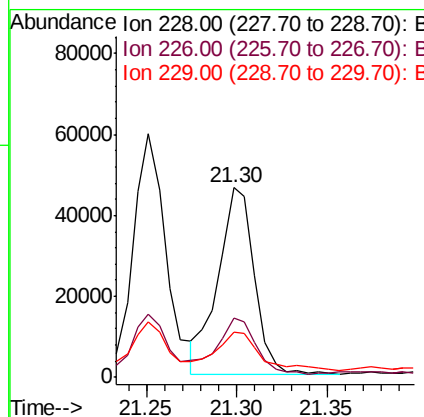
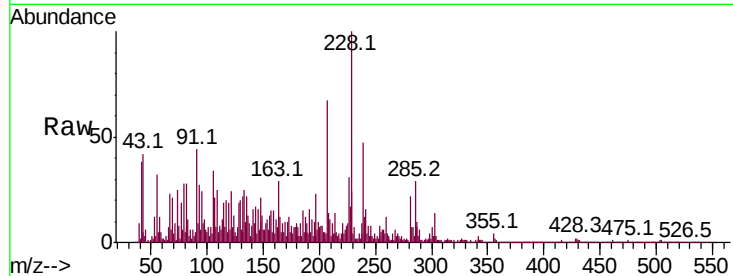
#85
Chrysene
Concen: 4.221 ng/ul m
RT: 21.30 min Scan# 3079
Delta R.T. 0.01 min
Lab File: BP004797.D
Acq: 18 Feb 2021 05:15

Instrument :
BNA_P
ClientSampleId :
DBGZ0

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.0
229	24.2	15.6	23.4

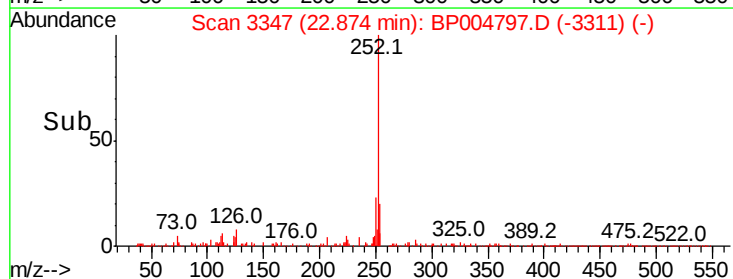
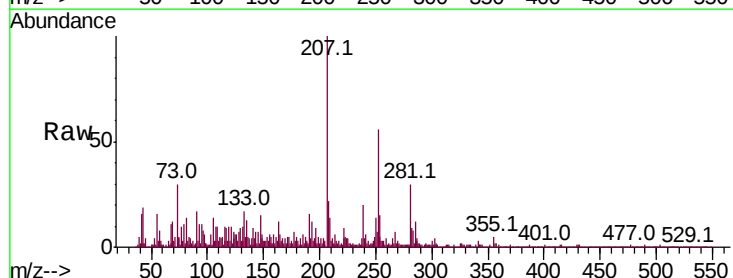
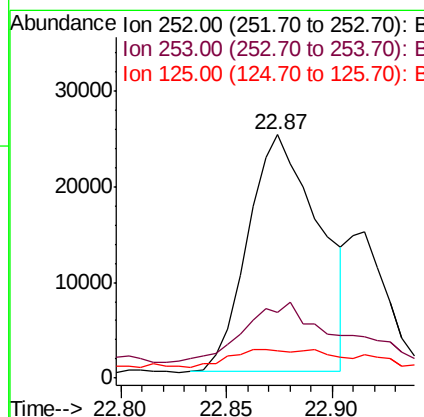
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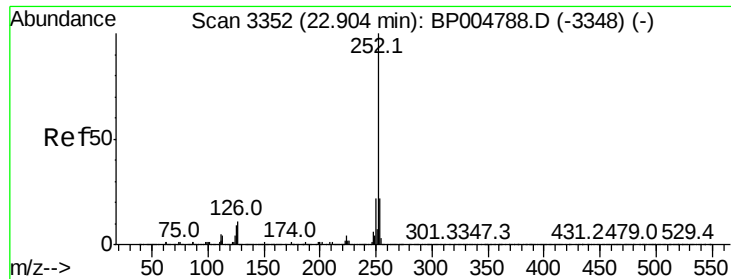
mohammad
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#88
Benzo(b)fluoranthene
Concen: 3.583 ng/ul
RT: 22.87 min Scan# 3347
Delta R.T. 0.01 min
Lab File: BP004797.D
Acq: 18 Feb 2021 05:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.3	25.9
125	11.3	5.9	8.9





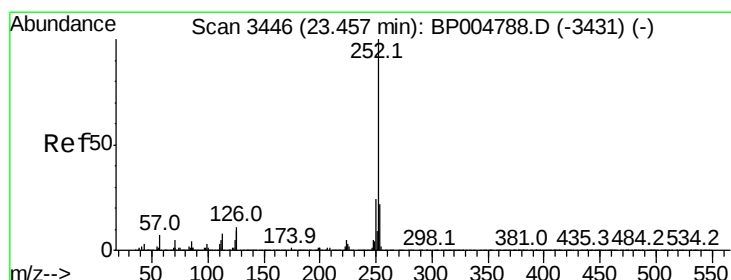
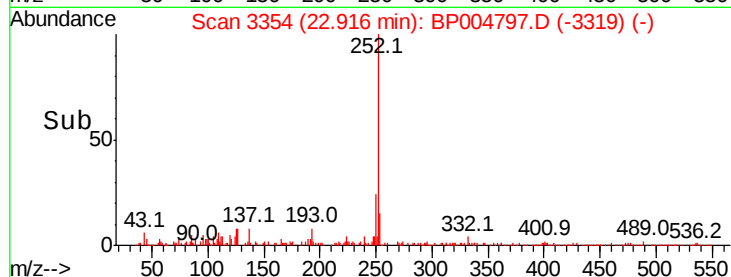
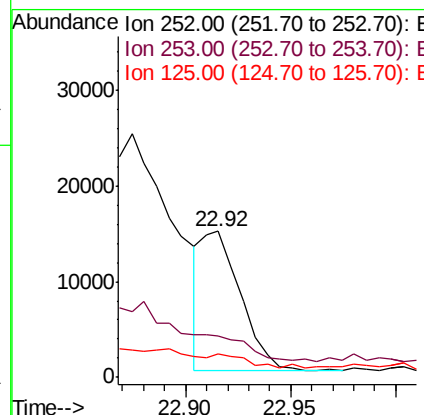
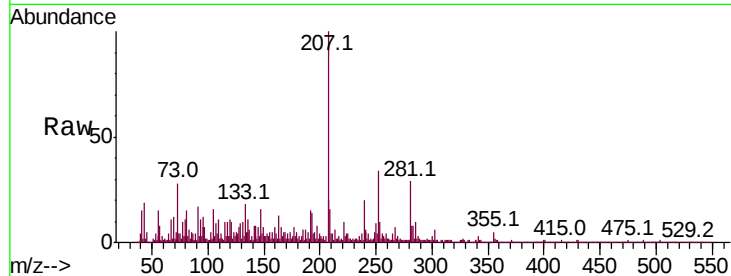
#89
Benzo(k)fluoranthene
Concen: 1.202 ng/ul m
RT: 22.92 min Scan# 3354
Delta R.T. 0.01 min
Lab File: BP004797.D
Acq: 18 Feb 2021 05:15

Instrument :
BNA_P
ClientSampleId :
DBGZ0

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.2	25.8#
125	15.7	5.7	8.5#

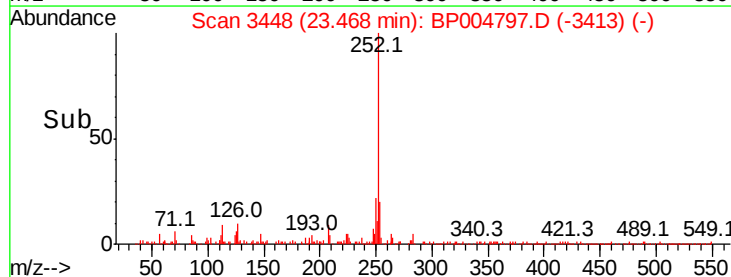
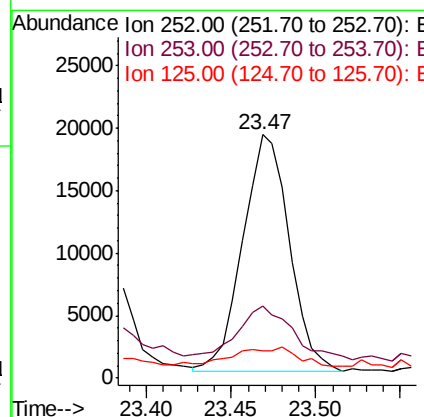
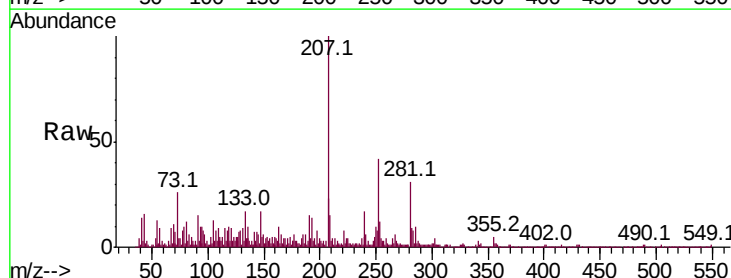
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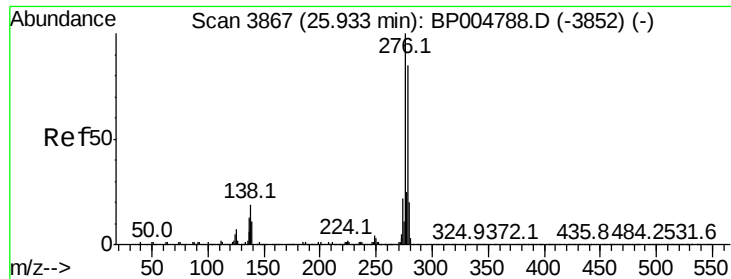
mohammad
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#91
Benzo(a)pyrene
Concen: 2.571 ng/ul
RT: 23.47 min Scan# 3448
Delta R.T. 0.01 min
Lab File: BP004797.D
Acq: 18 Feb 2021 05:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.6	17.7	26.5#
125	11.3	6.4	9.6#





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.096 ng/ul

RT: 25.93 min Scan# 3867

Delta R.T. 0.01 min

Lab File: BP004797.D

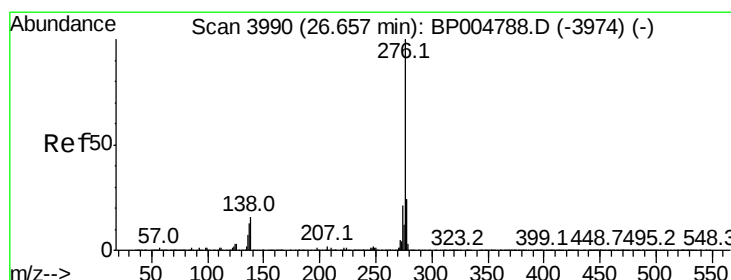
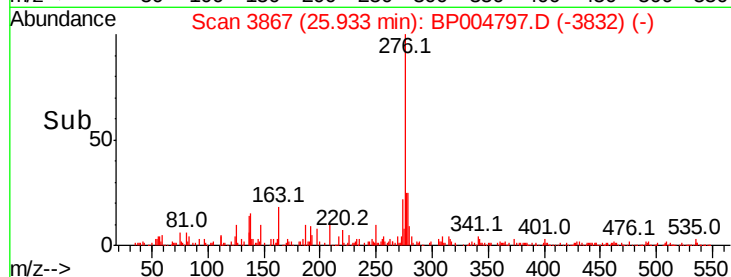
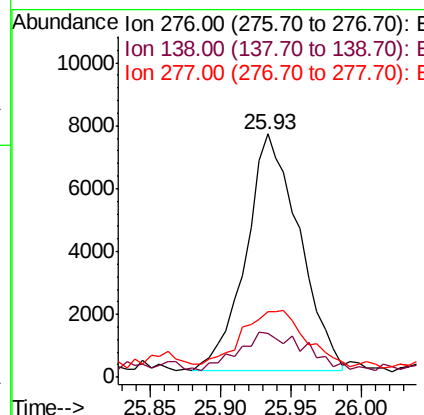
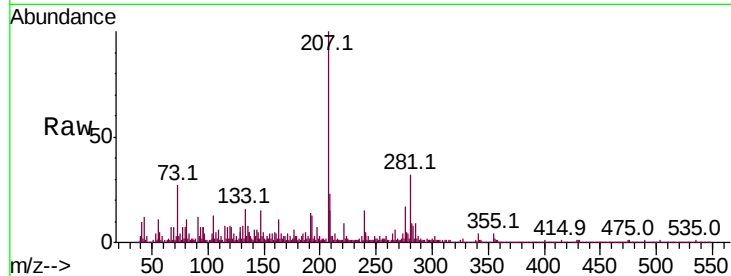
Acq: 18 Feb 2021 05:15

Instrument :
BNA_P
ClientSampleId :
DBGZ0

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.1	14.3	21.5
277	27.1	18.5	27.7

Manual Integrations
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#94

Benzo(g,h,i)perylene

Concen: 1.118 ng/ul m

RT: 26.66 min Scan# 3991

Delta R.T. 0.01 min

Lab File: BP004797.D

Acq: 18 Feb 2021 05:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	13.4	20.2#
277	25.6	18.6	28.0

