

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
 Data File : BP004786.D
 Acq On : 17 Feb 2021 22:31
 Operator : CG/JU
 Sample : M1379-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBGZ1

Manual Integrations
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Quant Time: Feb 18 02:16:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 17 23:17:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	56577	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	217474	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	132315	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	270663	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	319959	20.00	ng/ul	0.02
86) Perylene-d12	23.58	264	276926	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	4264	2.91	ng/uL	0.00
5) Phenol-d5	6.95	99	87851	19.35	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.10	67	43697	18.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	70561	20.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	67161	18.80	ng/ul	0.01
19) Nitrobenzene-d5	8.92	128	33170	22.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	38316	23.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	72498	21.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	13428	3.63	ng/ul	0.01
44) Dimethylphthalate-d6	13.82	166	218634	22.76	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	268326	22.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	26928	16.04	ng/ul	0.02
58) Fluorene-d10	15.41	176	185211	22.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	19570	11.96	ng/ul	0.00
71) Anthracene-d10	17.26	188	286267	23.98	ng/ul	0.00
79) Pyrene-d10	19.51	212	314105	20.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	325586	23.24	ng/ul	0.02

Target Compounds

					Ovalue	
4) Benzaldehyde	6.92	77	13571	5.704	ng/ul	94
6) Phenol	6.96	94	7921	1.673	ng/ul	90
14) Acetophenone	8.59	105	8335	1.418	ng/ul#	94
41) 1,1'-Biphenyl	13.24	154	166449	17.064	ng/ul	99
45) Dimethylphthalate	13.87	163	19751	1.994	ng/ul#	90
48) Acenaphthylene	14.13	152	12719	1.152	ng/ul#	88
70) Phenanthrene	17.21	178	81310	5.639	ng/ul	97
72) Anthracene	17.30	178	24528	1.673	ng/ul	98
75) Carbazole	17.57	167	15753	1.227	ng/ul#	88
76) Di-n-butylphthalate	18.13	149	31322	2.164	ng/ul#	80
77) Fluoranthene	19.19	202	201081	11.610	ng/ul	98
80) Pyrene	19.54	202	175972	9.055	ng/ul	99
83) Benzo(a)anthracene	21.26	228	111402	5.813	ng/ul#	89
84) Bis(2-ethylhexyl)phthalate	21.19	149	23165	2.233	ng/ul#	48
85) Chrysene	21.31	228	115389	6.073	ng/ul#	83
88) Benzo(b)fluoranthene	22.88	252	149422	8.572	ng/ul#	89
89) Benzo(k)fluoranthene	22.92	252	54594m	3.217	ng/ul	
91) Benzo(a)pyrene	23.48	252	85642	5.584	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	25.94	276	65856	3.378	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.96	278	18363m	1.108	ng/ul	
94) Benzo(a,h,i)perylene	26.67	276	59289	3.676	ng/ul#	89

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 17 23:17:49 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

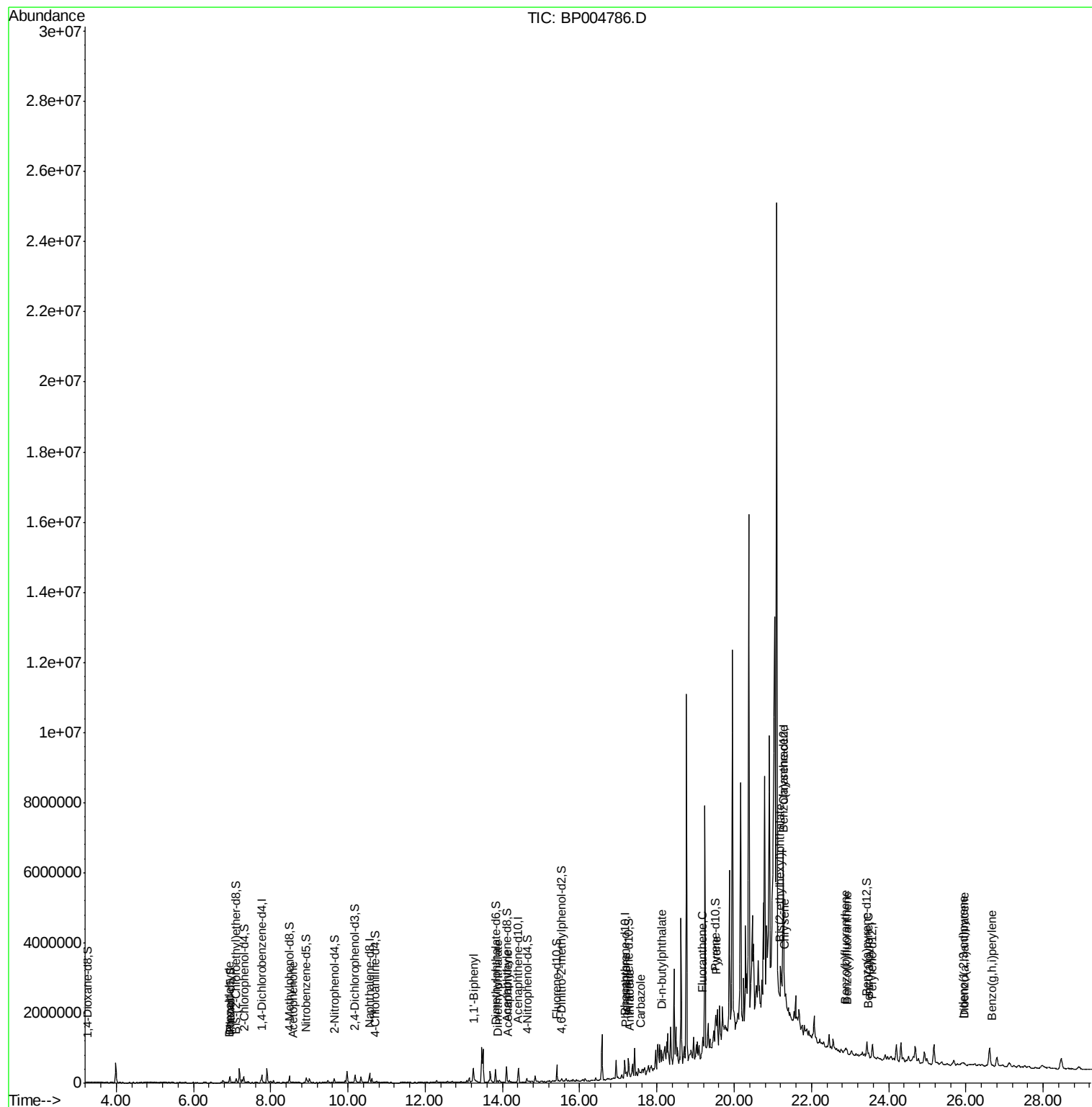
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Data File : BP004786.D
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Operator : CG/JU
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ALS Vial : 22 Sample Multiplier: 1

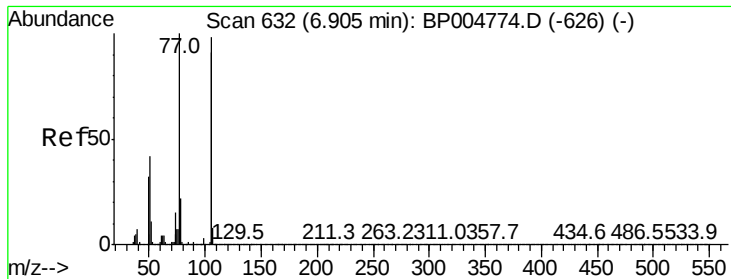
Instrument :
BNA_P
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DBGZ1

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#4

Benzaldehyde

Concen: 5.704 ng/ul

RT: 6.92 min Scan# 634

Delta R.T. 0.01 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

Instrument :

BNA_P

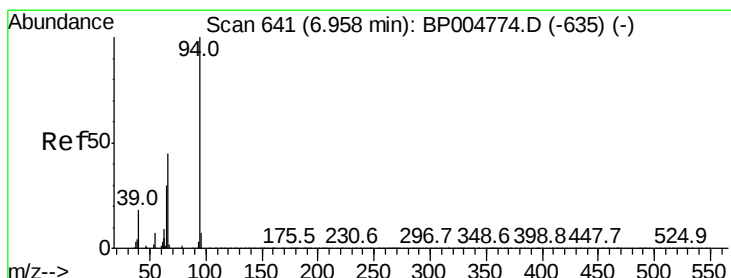
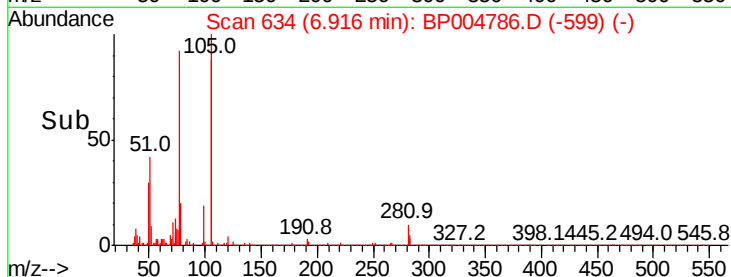
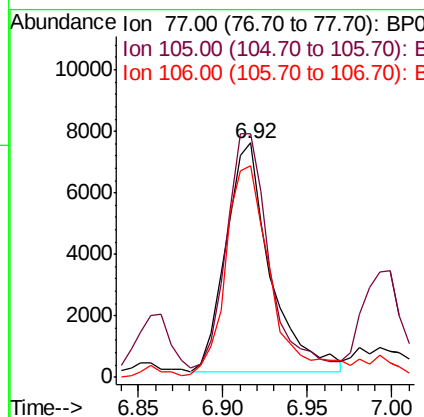
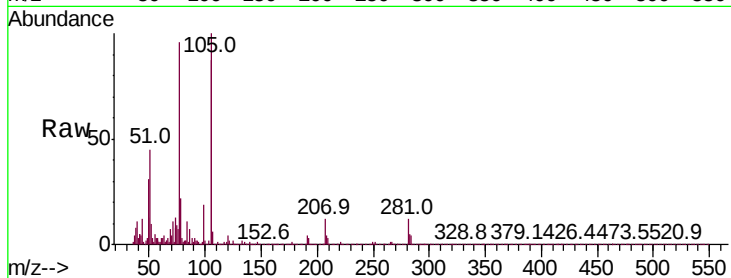
ClientSampleID :

DBGZ1

Tot Ion:	77	Resp:	13571
Ion	Ratio	Lower	Upper
77	100		
105	103.8	76.0	114.0
106	90.2	74.0	111.0

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#6

Phenol

Concen: 1.673 ng/ul

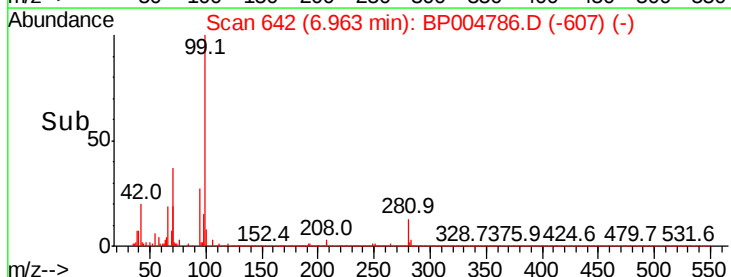
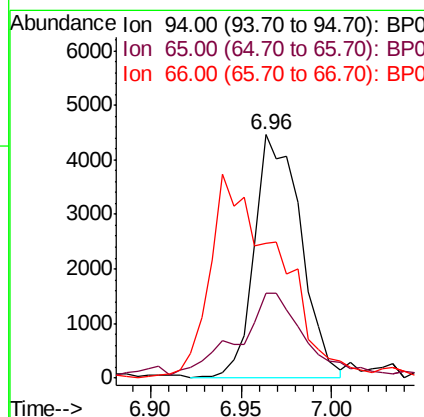
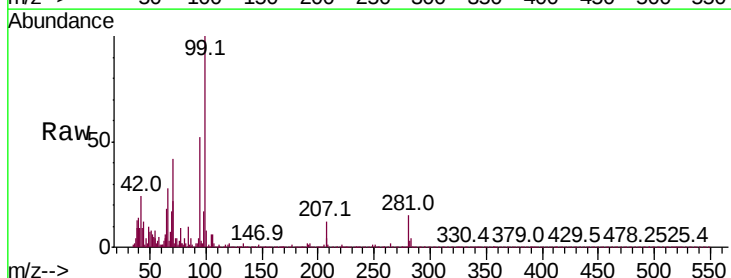
RT: 6.96 min Scan# 642

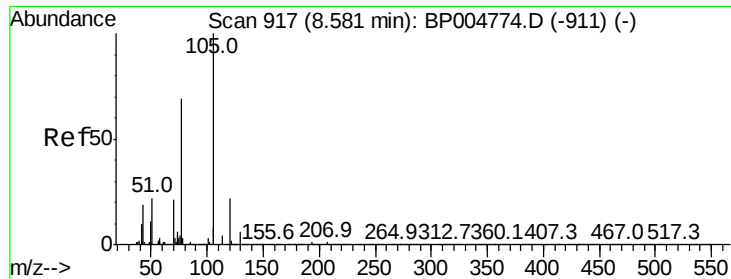
Delta R.T. 0.01 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

Tgt Ion:	94	Resp:	7921
Ion	Ratio	Lower	Upper
94	100		
65	34.8	24.8	37.2
66	55.2	38.1	57.1





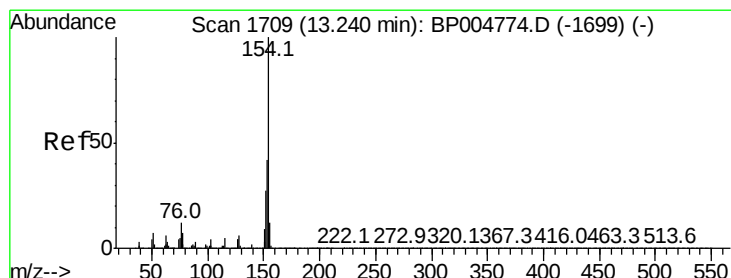
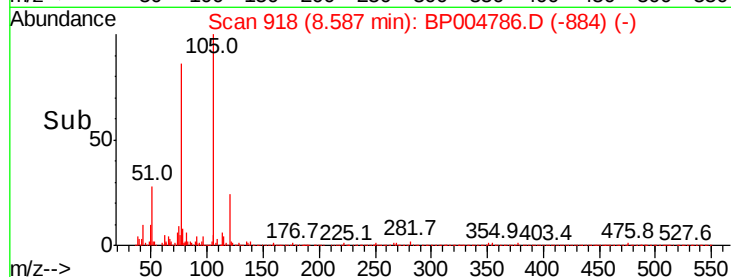
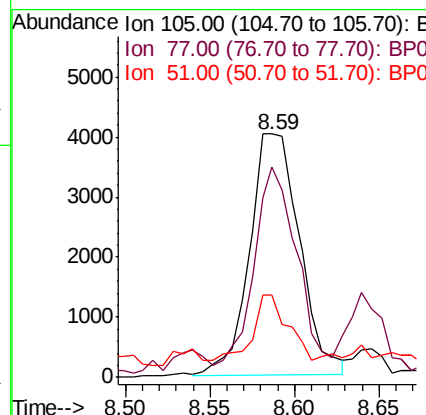
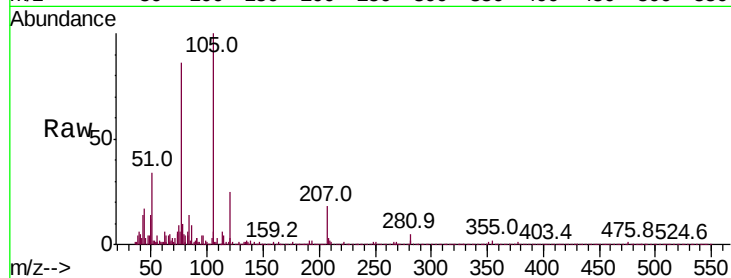
#14
Acetophenone
Concen: 1.418 ng/ul
RT: 8.59 min Scan# 918
Delta R.T. -0.00 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Instrument :
BNA_P
ClientSampleId :
DBGZ1

Tot Ion:	105	Resp:	8335
Ion Ratio	Lower	Upper	
105	100		
77	86.1	66.5	99.7
51	33.6	20.2	30.2

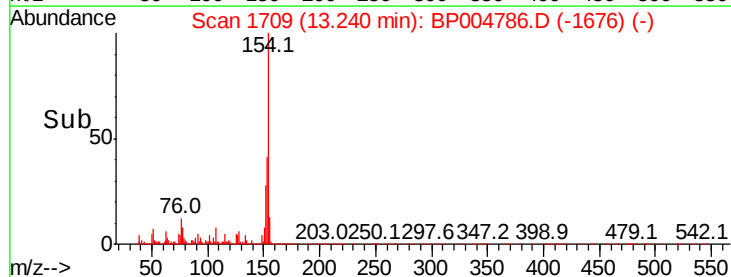
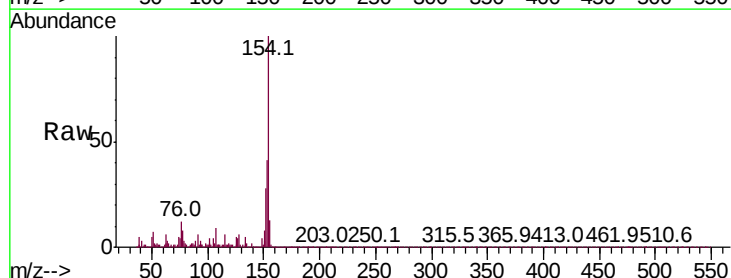
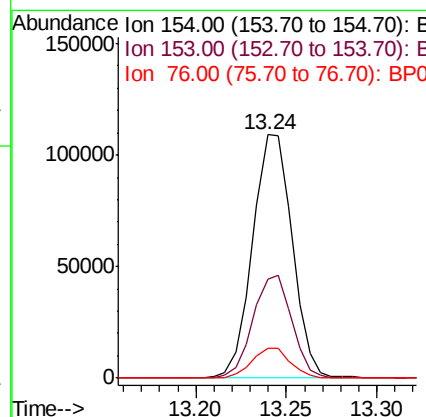
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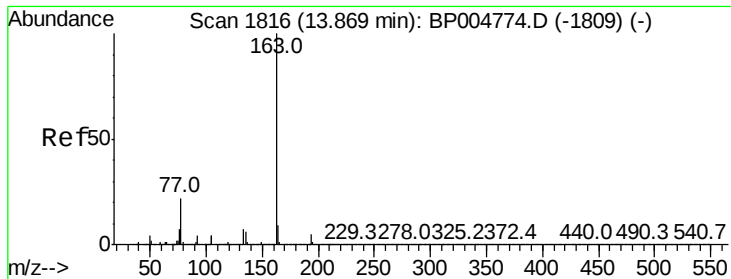
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#41
1,1'-Biphenyl
Concen: 17.064 ng/ul
RT: 13.24 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Tgt Ion:	154	Resp:	166449
Ion Ratio	Lower	Upper	
154	100		
153	40.9	32.3	48.5
76	12.2	8.8	13.2





#45

Dimethylphthalate

Concen: 1.994 ng/ul

RT: 13.87 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BP004786.D

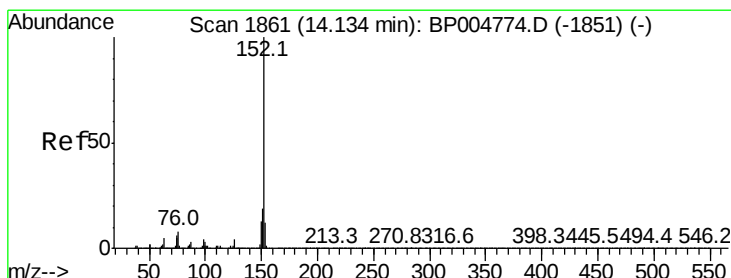
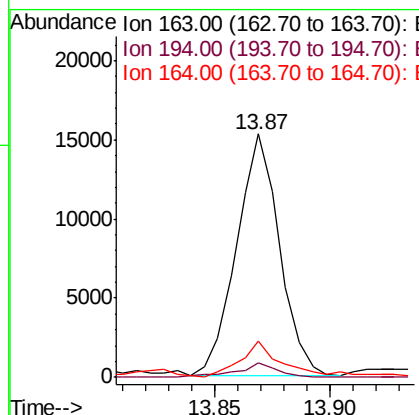
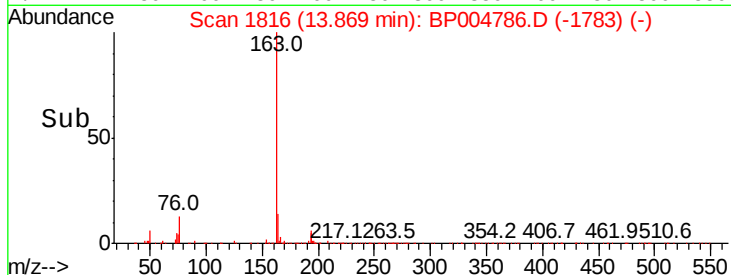
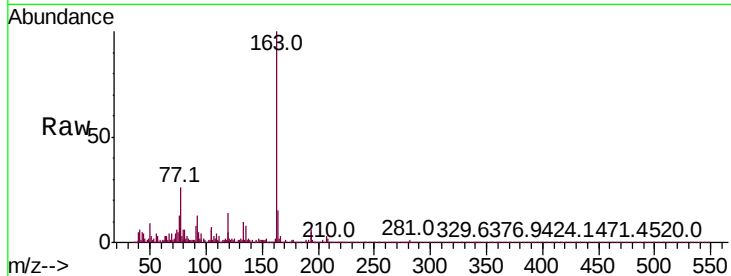
Acq: 17 Feb 2021 22:31

Instrument :
BNA_P
ClientSampleId :
DBGZ1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	19751		
194	6.0	3.8	5.6#	
164	14.8	8.0	12.0#	

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#48

Acenaphthylene

Concen: 1.152 ng/ul

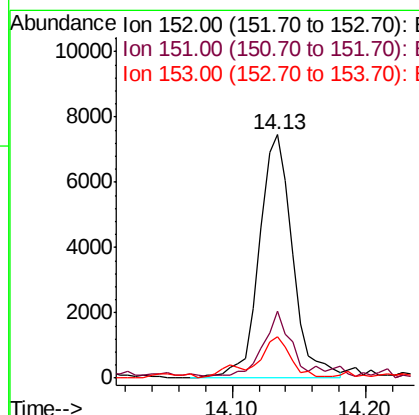
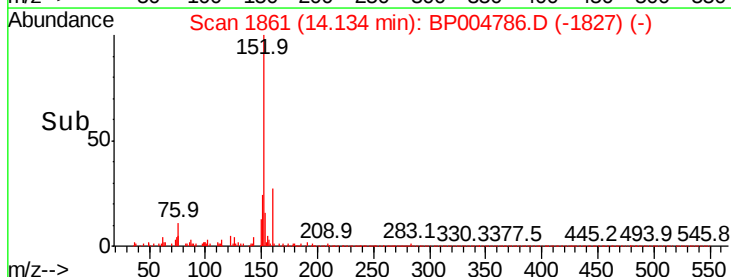
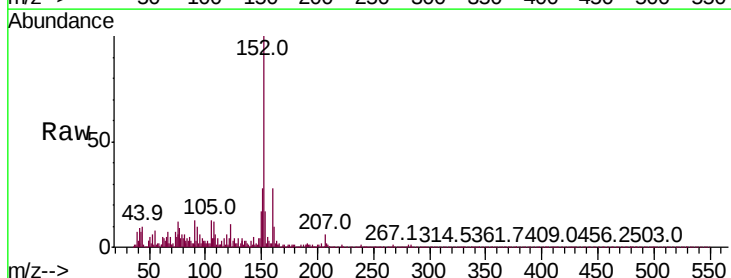
RT: 14.13 min Scan# 1861

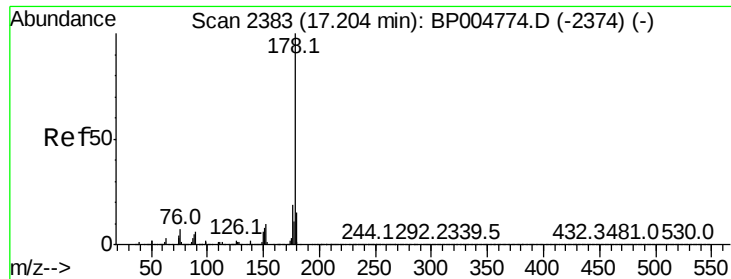
Delta R.T. -0.00 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	12719		
151	27.5	16.6	24.8#	
153	16.9	11.0	16.4#	





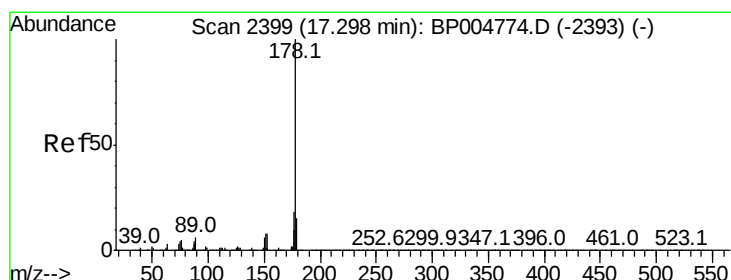
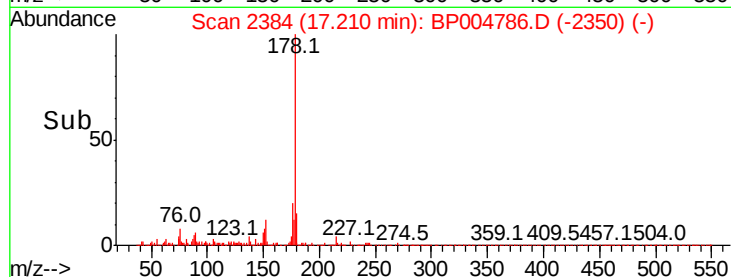
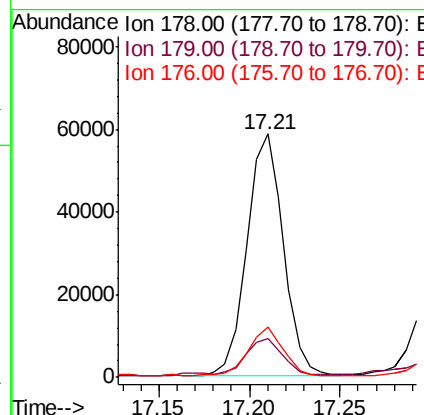
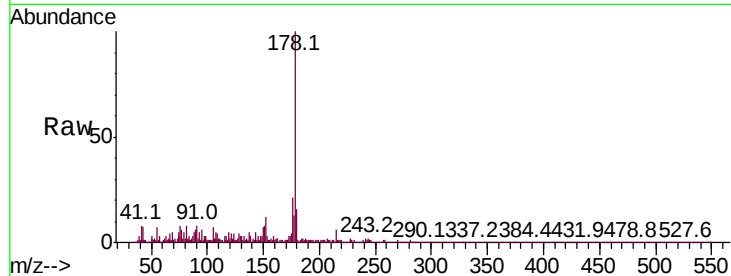
#70
Phenanthrene
Concen: 5.639 ng/ul
RT: 17.21 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Instrument :
BNA_P
ClientSampleId :
DBGZ1

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.1	18.1
176	20.5	15.1	22.7

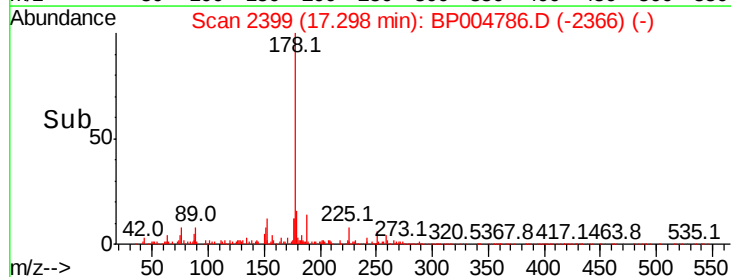
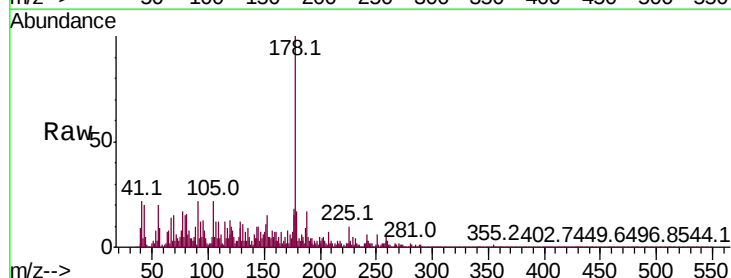
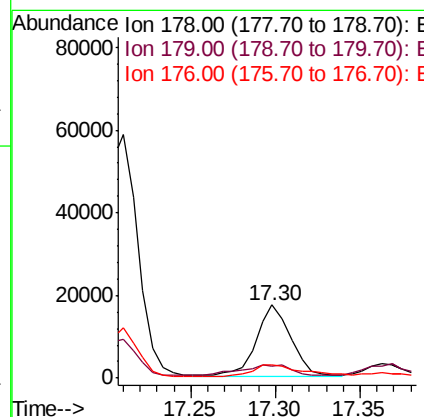
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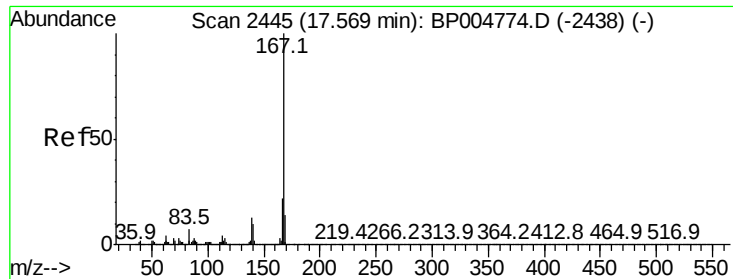
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#72
Anthracene
Concen: 1.673 ng/ul
RT: 17.30 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.7	19.1
176	18.1	15.1	22.7





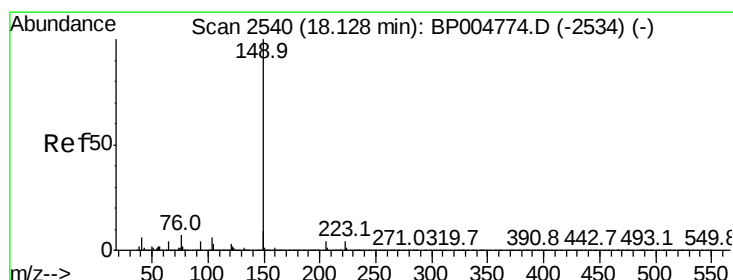
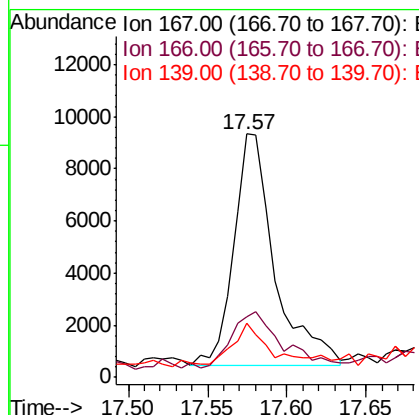
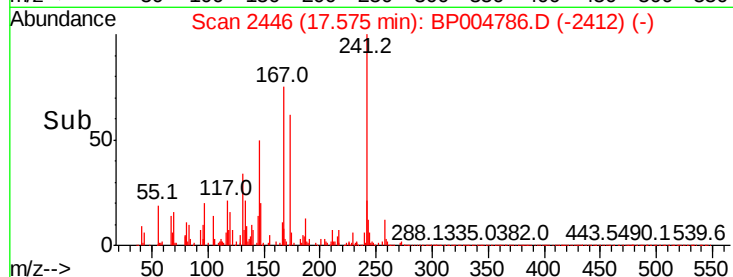
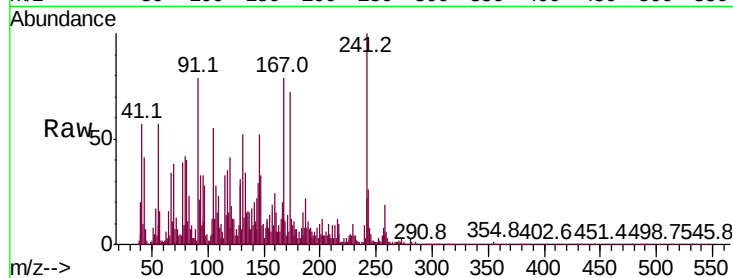
#75
 Carbazole
 Concen: 1.227 ng/ul
 RT: 17.57 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BP004786.D
 Acq: 17 Feb 2021 22:31

Instrument :
 BNA_P
 ClientSampleId :
 DBGZ1

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	17.0	25.6
139	22.0	11.0	16.6#

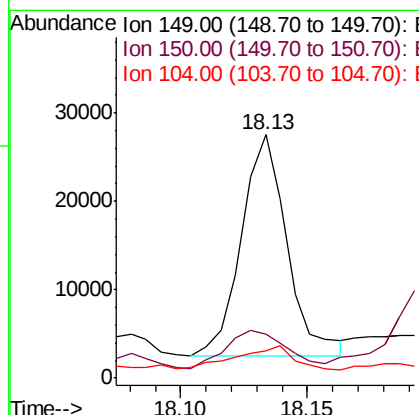
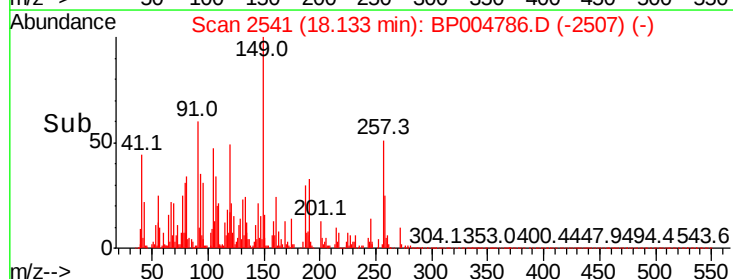
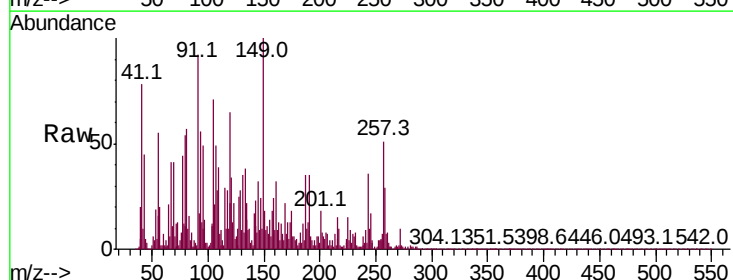
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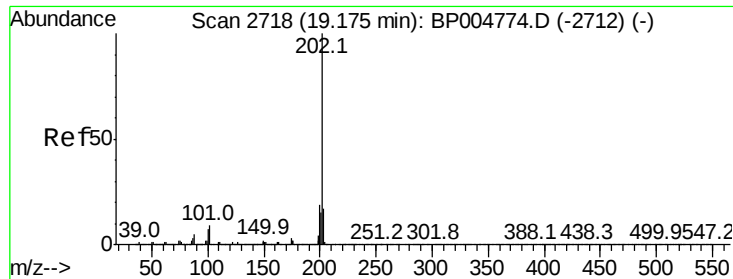
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#76
 Di-n-butylphthalate
 Concen: 2.164 ng/ul
 RT: 18.13 min Scan# 2541
 Delta R.T. -0.00 min
 Lab File: BP004786.D
 Acq: 17 Feb 2021 22:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	18.1	7.1	10.7#
104	11.1	5.4	8.0#





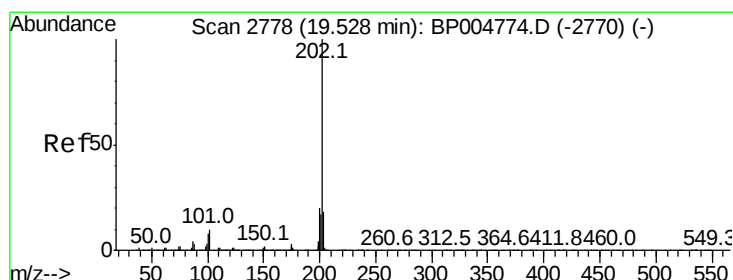
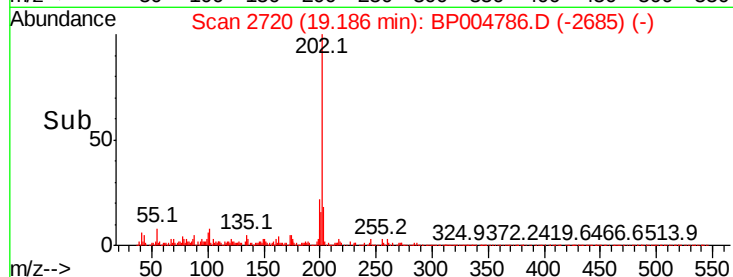
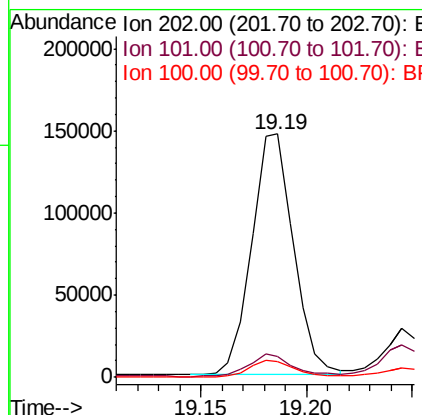
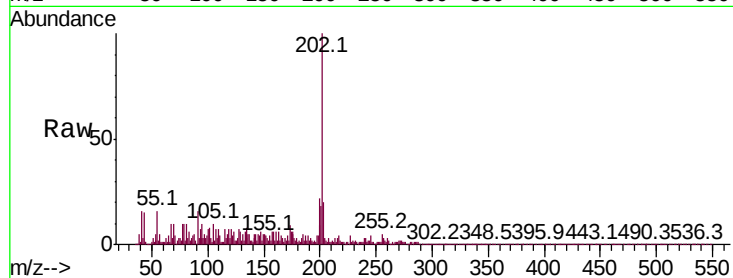
#77
Fluoranthene
Concen: 11.610 ng/ul
RT: 19.19 min Scan# 2720
Delta R.T. 0.01 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Instrument :
BNA_P
ClientSampleId :
DBGZ1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.4	7.1	10.7
100	6.5	5.8	8.6

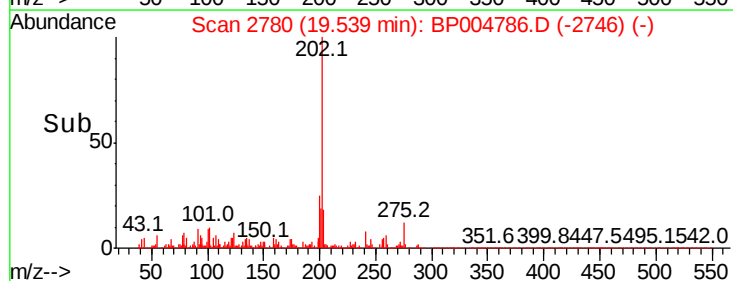
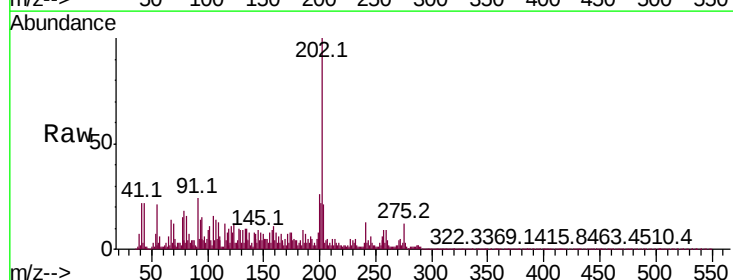
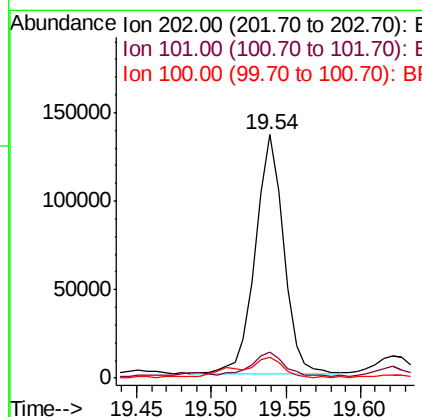
Manual Integrations
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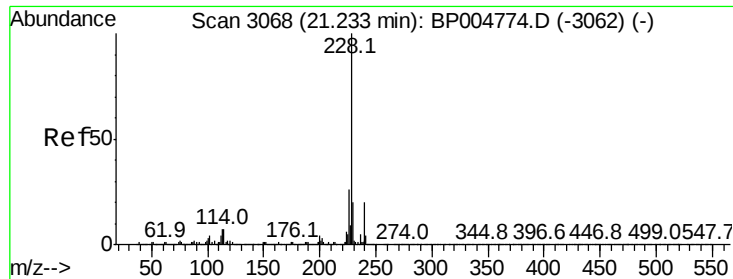
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#80
Pyrene
Concen: 9.055 ng/ul
RT: 19.54 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	8.0	12.0
100	8.8	6.9	10.3





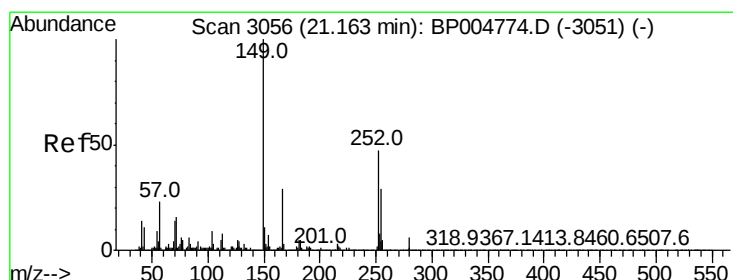
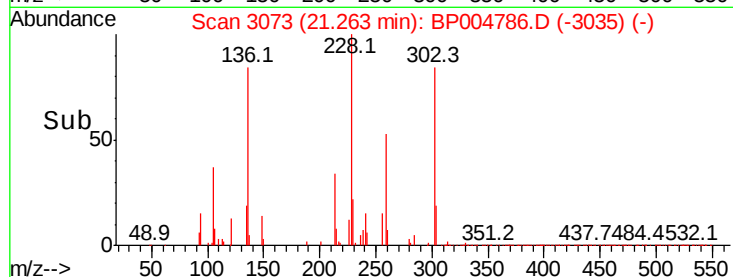
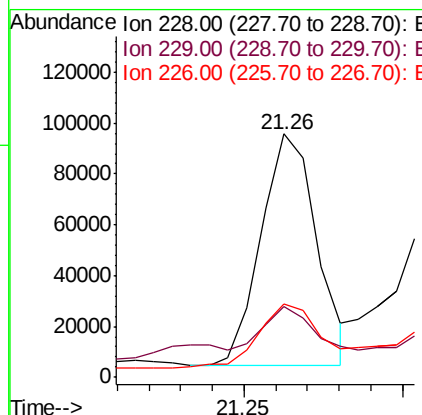
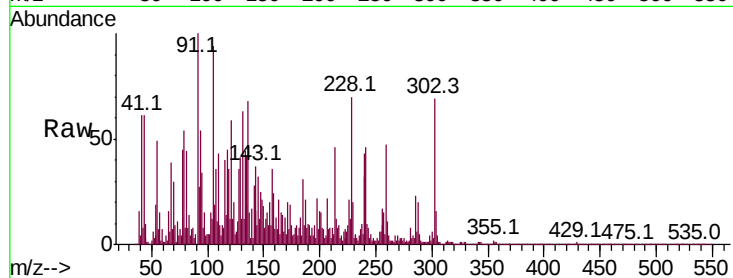
#83
Benzo(a)anthracene
Concen: 5.813 ng/ul
RT: 21.26 min Scan# 3073
Delta R.T. 0.02 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Instrument :
BNA_P
ClientSampleId :
DBGZ1

Tot Ion	Ratio	Lower	Upper
228	100		
229	29.2	15.5	23.3#
226	30.0	22.2	33.4

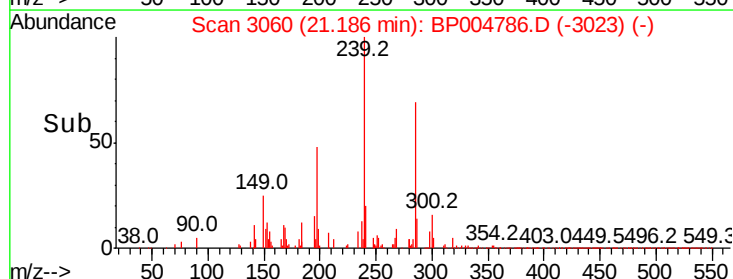
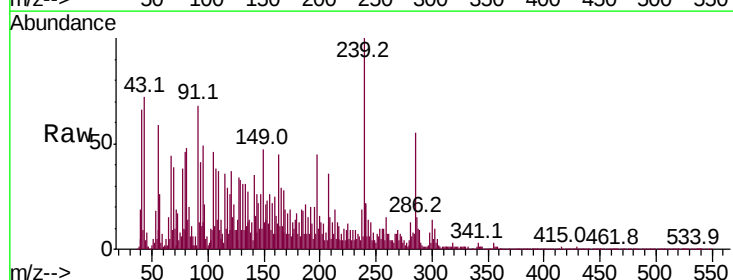
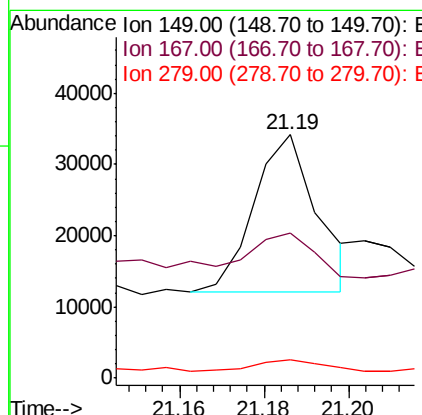
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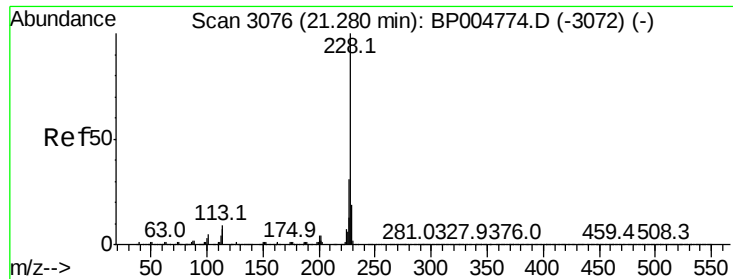
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.233 ng/ul
RT: 21.19 min Scan# 3060
Delta R.T. 0.02 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	59.5	22.6	33.8#
279	7.7	4.1	6.1#





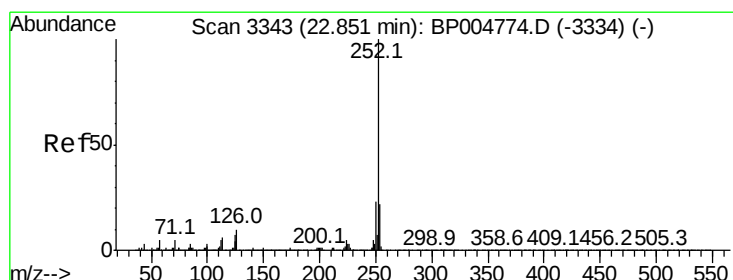
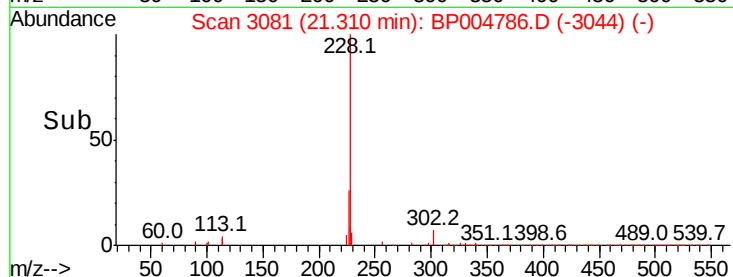
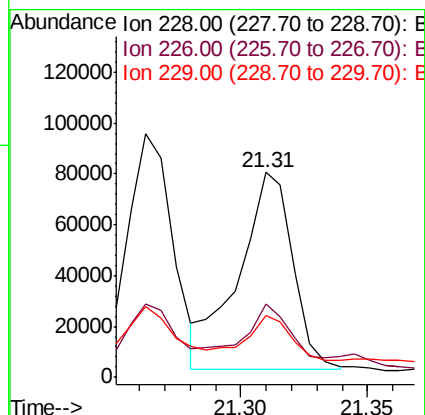
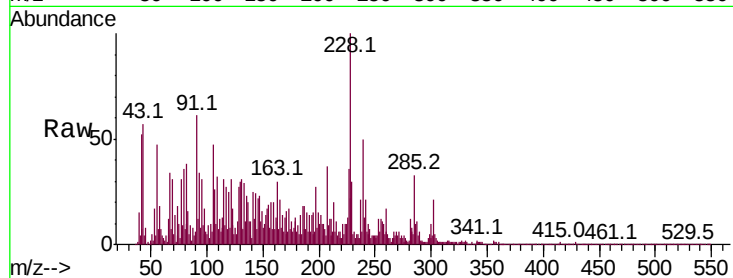
#85
Chrysene
Concen: 6.073 ng/ul
RT: 21.31 min Scan# 3081
Delta R.T. 0.02 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Instrument :
BNA_P
ClientSampleId :
DBGZ1

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.6	23.4	35.0#
229	30.2	15.6	23.4#

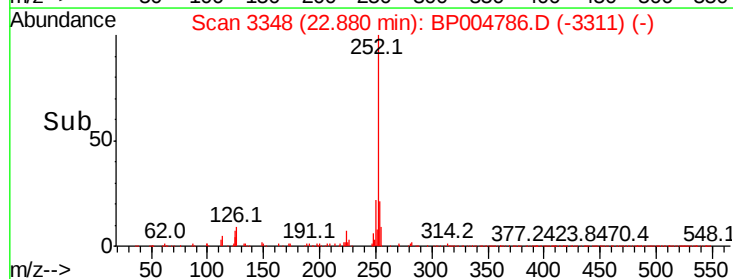
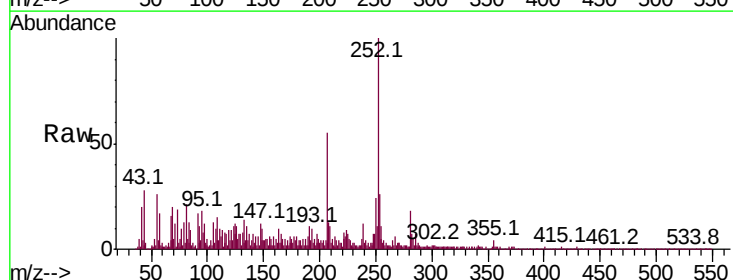
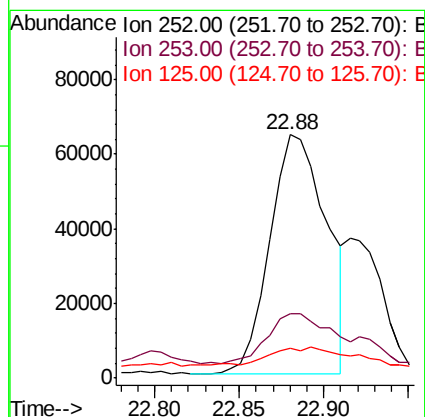
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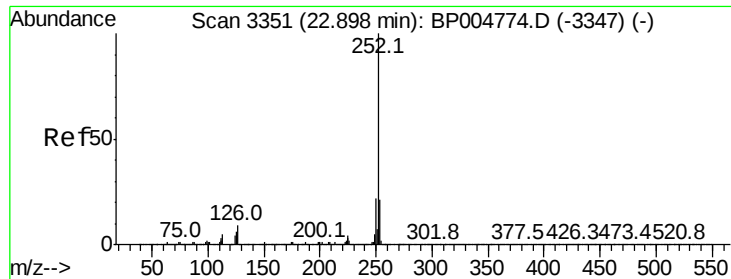
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#88
Benzo(b)fluoranthene
Concen: 8.572 ng/ul
RT: 22.88 min Scan# 3348
Delta R.T. 0.02 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.3	25.9#
125	12.1	5.9	8.9#





#89

Benzo(k)fluoranthene

Concen: 3.217 ng/ul

RT: 22.92 min Scan# 3354

Delta R.T. 0.01 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

Instrument :

BNA_P

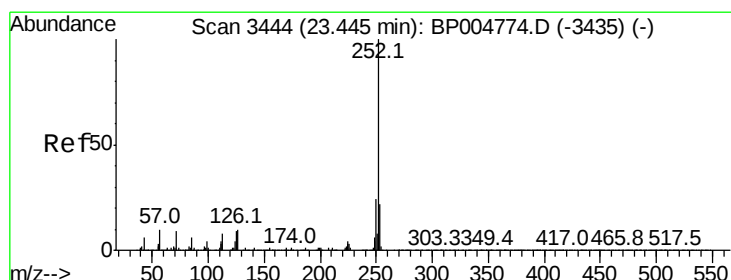
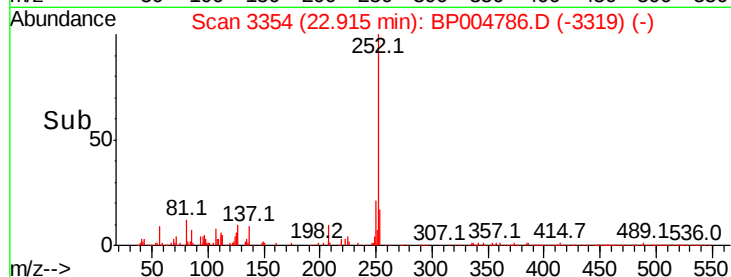
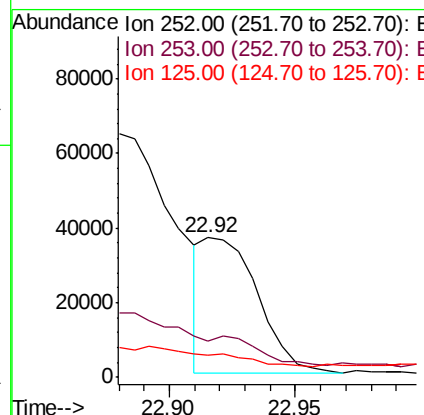
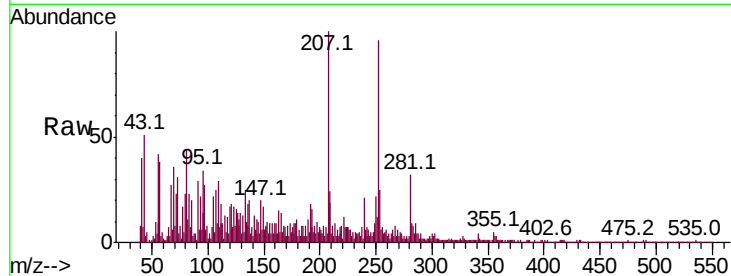
ClientSampleId :

DBGZ1

Tot Ion:	252	Resp:	54594
Ion Ratio	Lower	Upper	
252	100		
253	26.3	17.2	25.8#
125	16.3	5.7	8.5#

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#91

Benzo(a)pyrene

Concen: 5.584 ng/ul

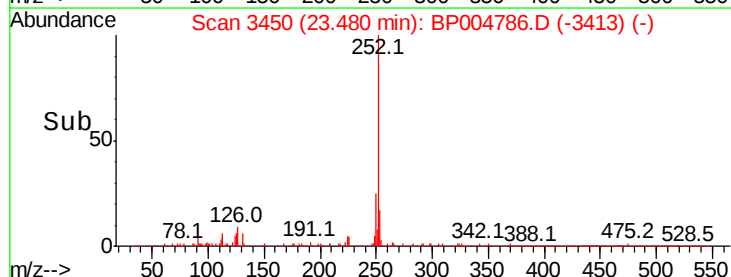
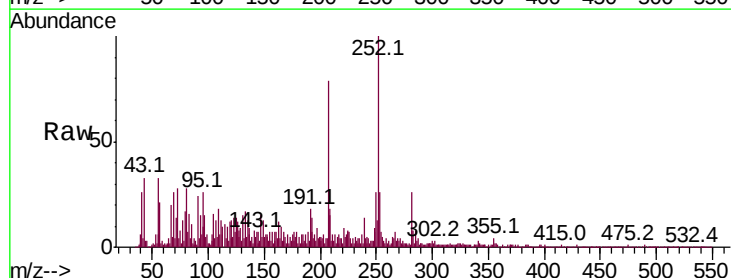
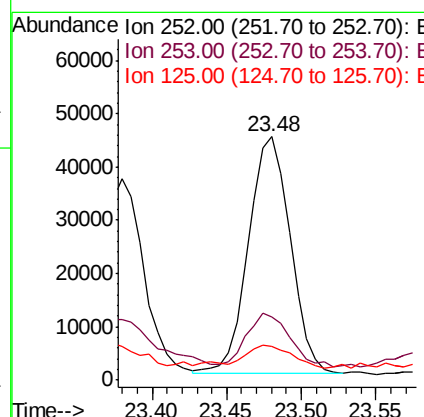
RT: 23.48 min Scan# 3450

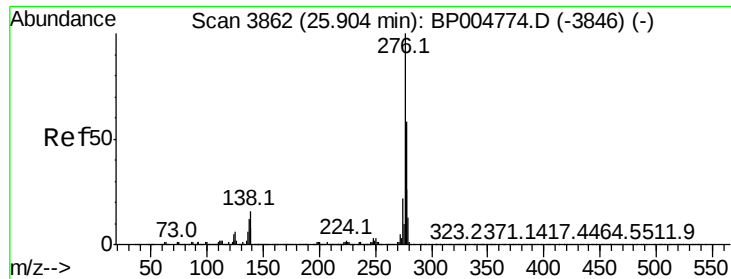
Delta R.T. 0.02 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

Tgt Ion:	252	Resp:	85642
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.7	26.5
125	13.8	6.4	9.6#





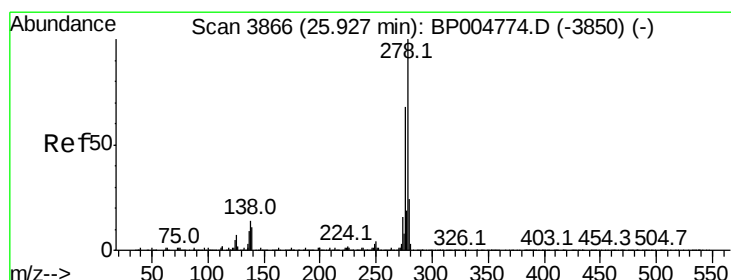
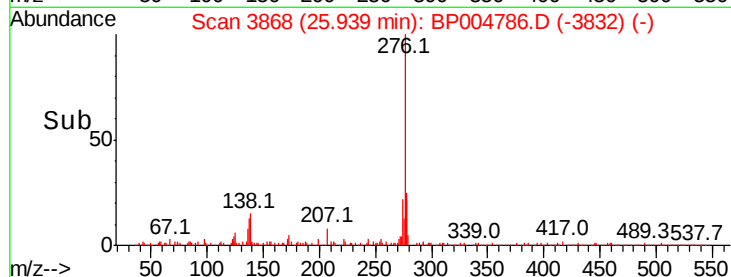
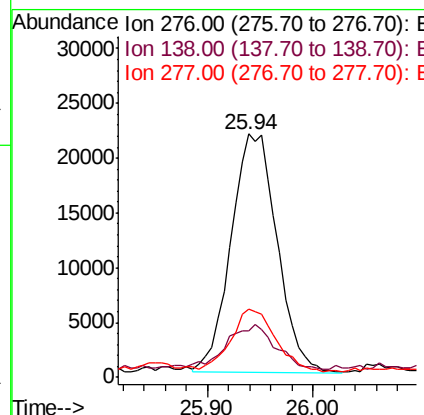
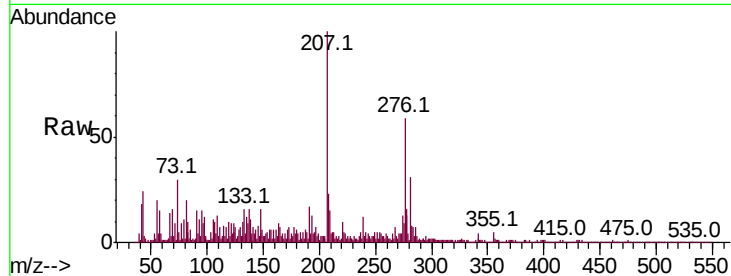
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.378 ng/ul
RT: 25.94 min Scan# 3868
Delta R.T. 0.01 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Instrument :
BNA_P
ClientSampleId :
DBGZ1

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	14.3	21.5
277	27.9	18.5	27.7#

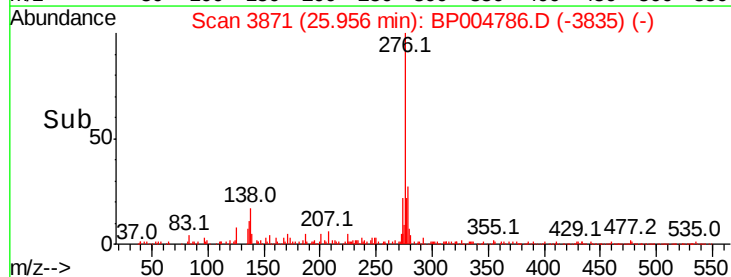
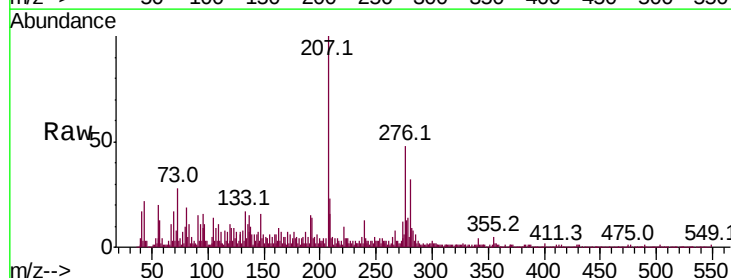
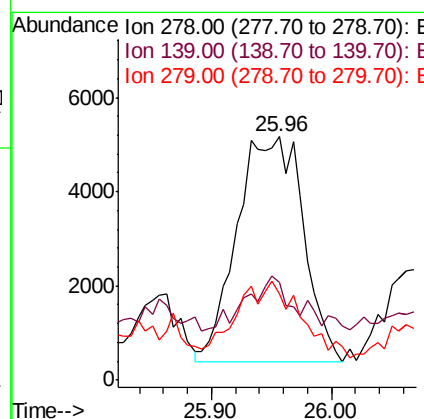
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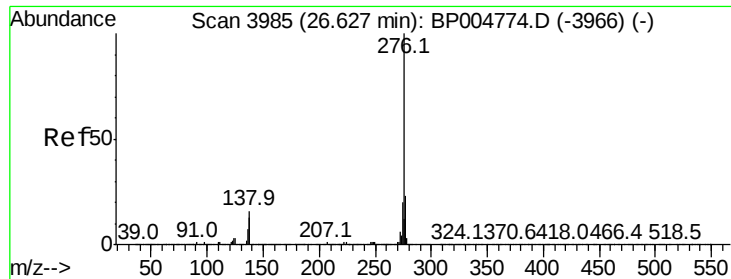
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#93
Dibenzo(a,h)anthracene
Concen: 1.108 ng/ul m
RT: 25.96 min Scan# 3871
Delta R.T. 0.01 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.0	8.8	13.2#
279	35.3	18.7	28.1#





#94

Benzo(a,h,i)perylene

Concen: 3.676 ng/ul

RT: 26.67 min Scan# 3993

Delta R.T. 0.02 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

Instrument :

BNA_P

ClientSampleId :

DBGZ1

Tot Ion:	276	Resp:	59289
Ion Ratio	Lower	Upper	
276	100		
138	20.9	13.4	20.2#
277	29.3	18.6	28.0#

Manual Integrations
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