

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002617.D
 Acq On : 01 Jul 2020 22:28
 Operator : CG/JU
 Sample : L2814-14 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-02-063020

Manual Integrations
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mohammad
 7/7/2020 8:24:00 AM

Quant Time: Jul 02 02:39:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	305755	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1238935	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	748148	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1529257	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1066590	20.00	ng	0.00
86) Perylene-d12	23.29	264	920994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	379497	21.01	ng	0.00
7) Phenol-d6	6.76	99	521110	20.67	ng	0.00
23) Nitrobenzene-d5	8.72	82	300472	12.50	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	168091	18.47	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	743954	14.64	ng	0.00
79) Terphenyl-d14	19.57	244	966894	19.57	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.28	154	88718	2.074	ng	98
58) Fluorene	15.27	166	117216	2.220	ng	99
71) Phenanthrene	17.02	178	987374	12.000	ng	98
72) Anthracene	17.11	178	367904	4.493	ng	98
75) Fluoranthene	19.01	202	1850101	18.576	ng	98
78) Pyrene	19.36	202	1543581	21.262	ng	99
81) Benzo(a)anthracene	21.07	228	721059	10.341	ng	97
83) Chrysene	21.12	228	652503	9.758	ng	98
87) Indeno(1,2,3-cd)pyrene	25.50	276	367952	5.549	ng	99
88) Benzo(b)fluoranthene	22.63	252	776982	13.221	ng	# 95
89) Benzo(k)fluoranthene	22.67	252	270577m	4.935	ng	
90) Benzo(a)pyrene	23.19	252	569974	10.569	ng	# 98
92) Benzo(a,h,i)perylene	26.17	276	352732	6.509	ng	98

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

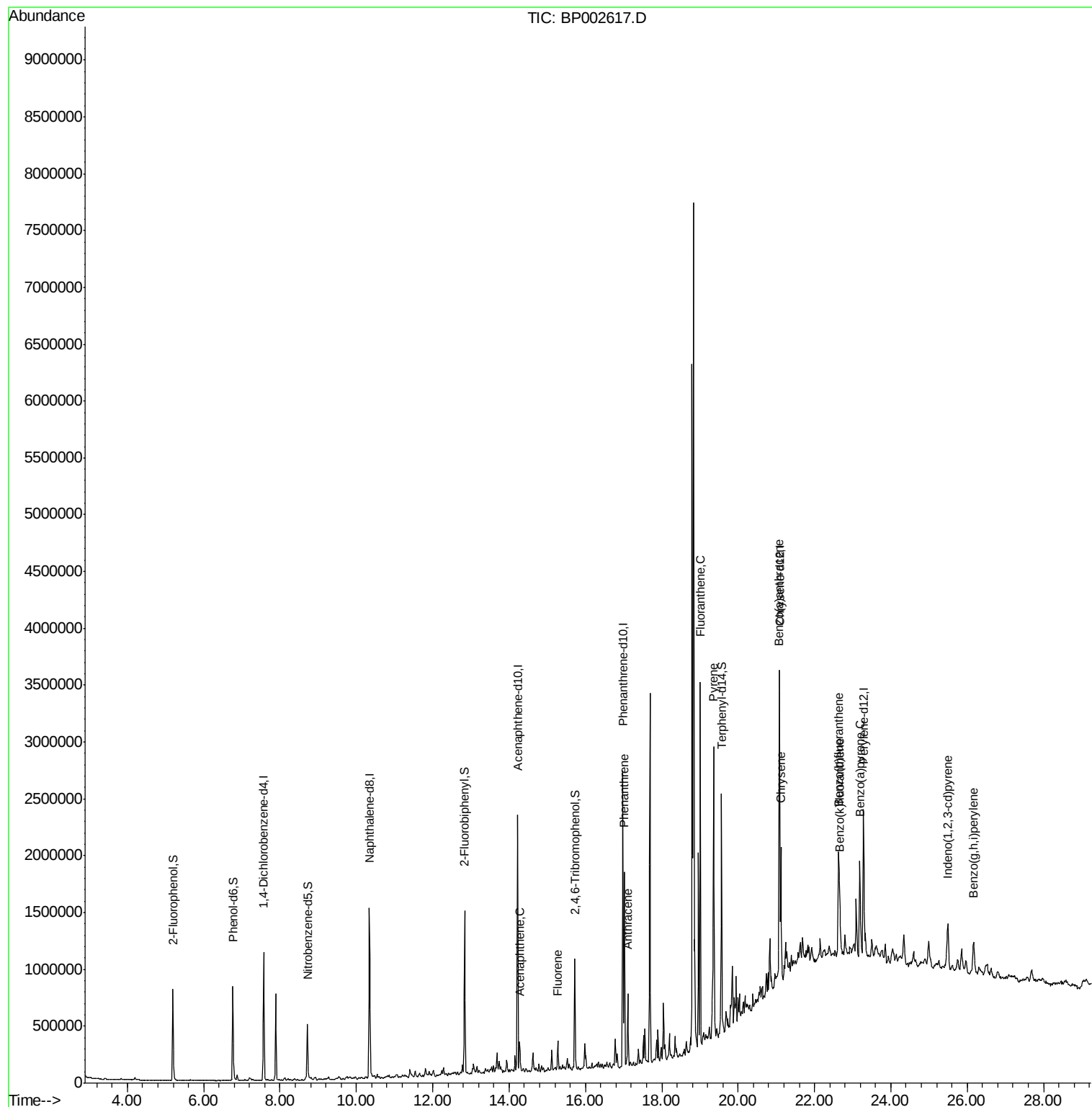
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002617.D
Acq On : 01 Jul 2020 22:28
Operator : CG/JU
Sample : L2814-14 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

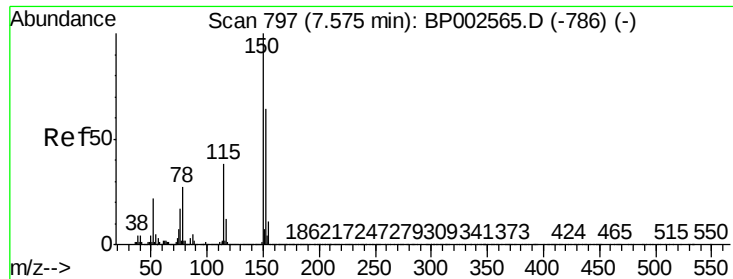
Instrument :
BNA_P
ClientSampleId :
PL-02-063020

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Quant Time: Jul 02 02:39:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration





#1

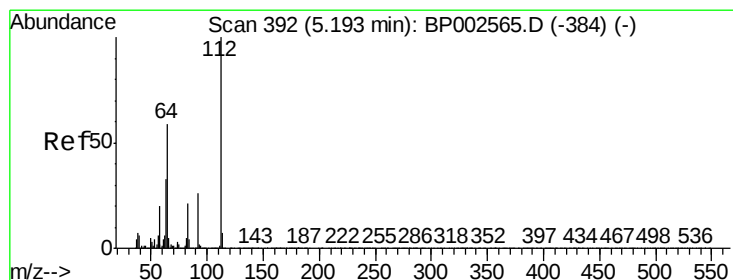
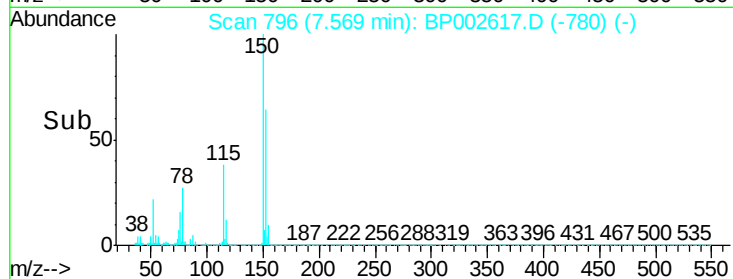
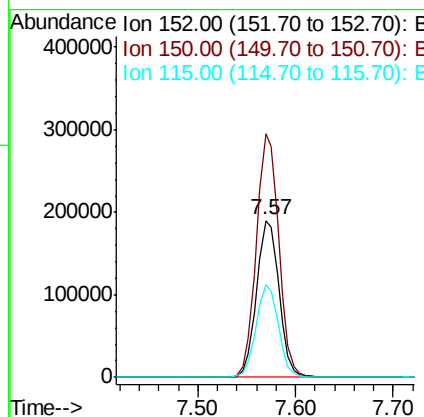
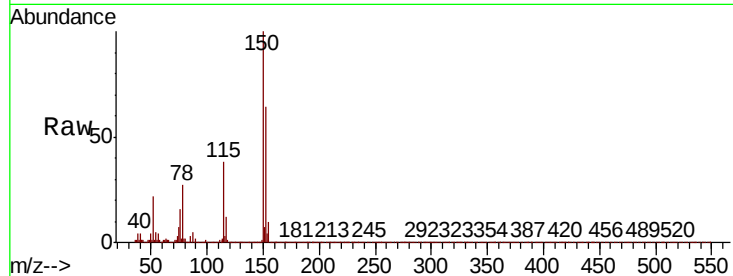
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.2	186.2
115	58.9	47.1	70.7

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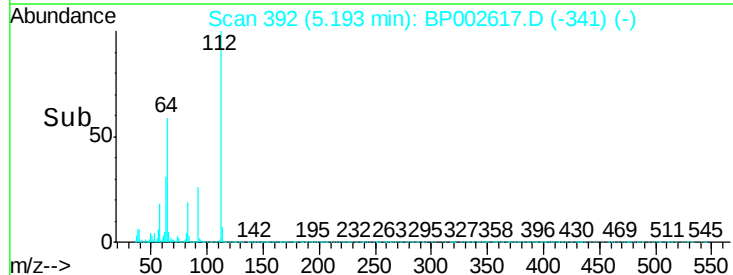
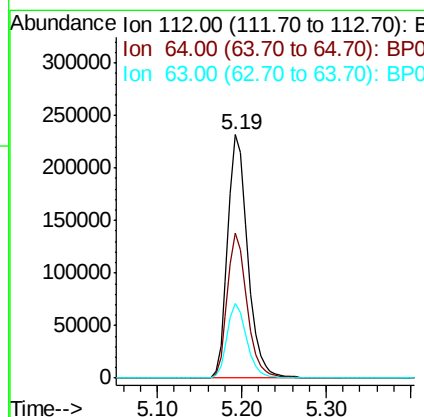
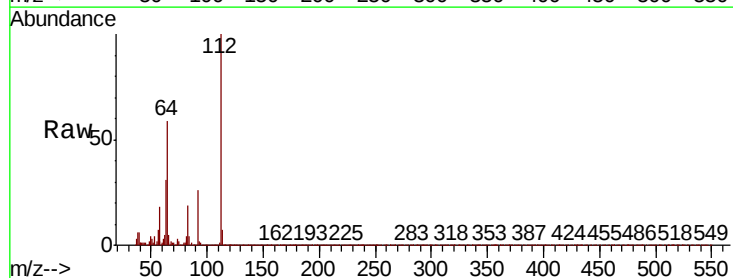
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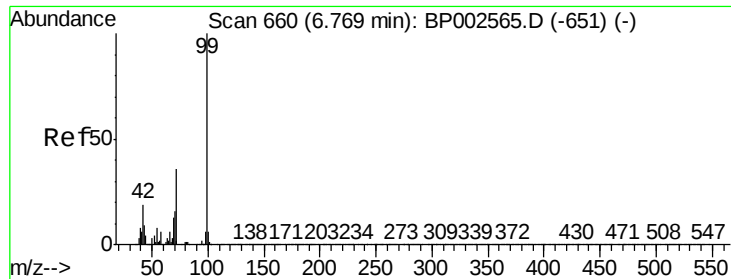


#5

2-Fluorophenol
Concen: 21.015 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.0	70.6
63	30.6	26.1	39.1





#7

Phenol-d6

Concen: 20.675 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002617.D

Acq: 01 Jul 2020 22:28

Instrument :

BNA_P

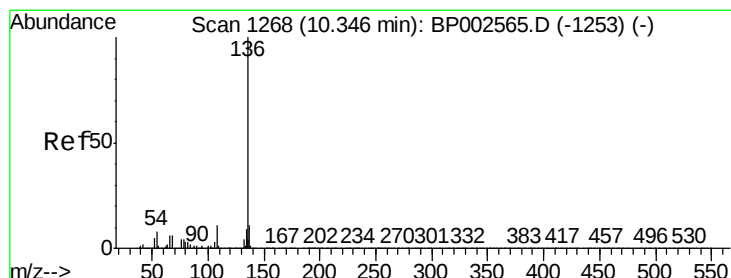
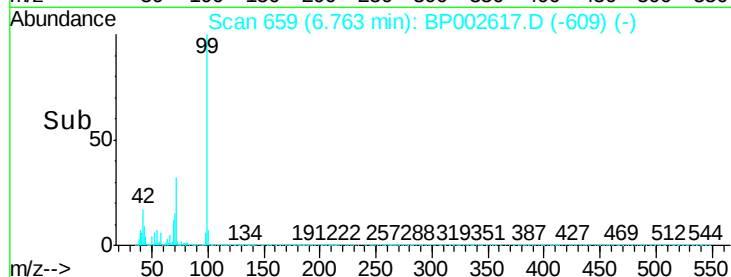
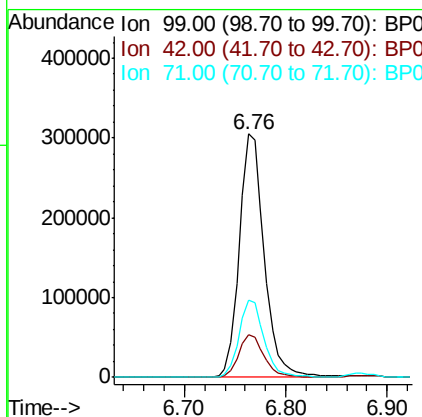
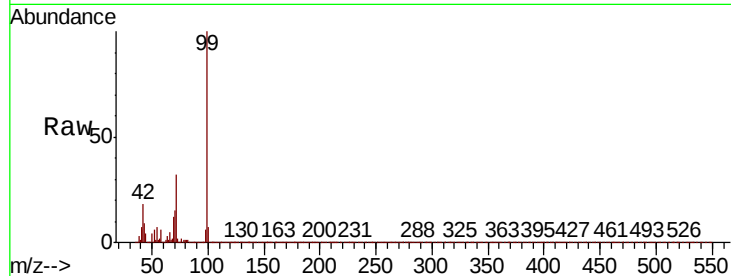
ClientSampleId :

PL-02-063020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		521110		
42	17.6	15.5	23.3		
71	31.9	28.9	43.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

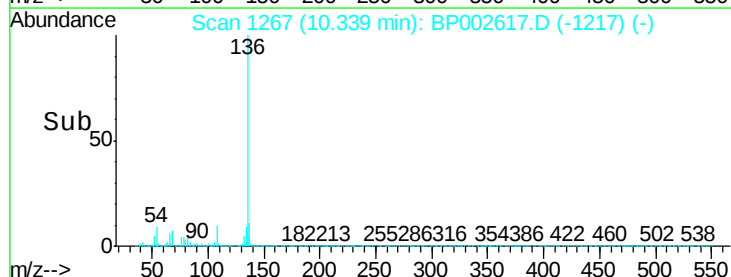
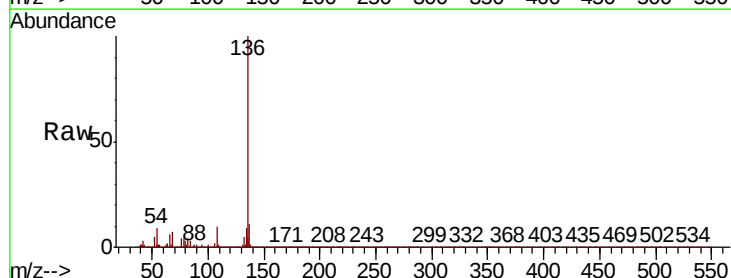
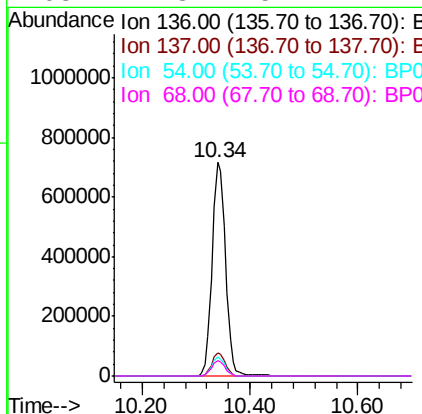
RT: 10.34 min Scan# 1267

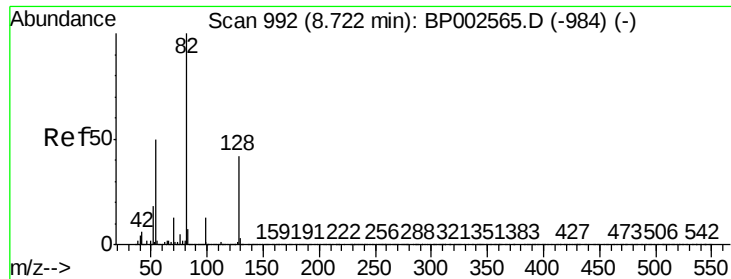
Delta R.T. -0.01 min

Lab File: BP002617.D

Acq: 01 Jul 2020 22:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1238935		
137	10.9	8.8	13.2		
54	8.9	6.4	9.6		
68	7.3	5.1	7.7		





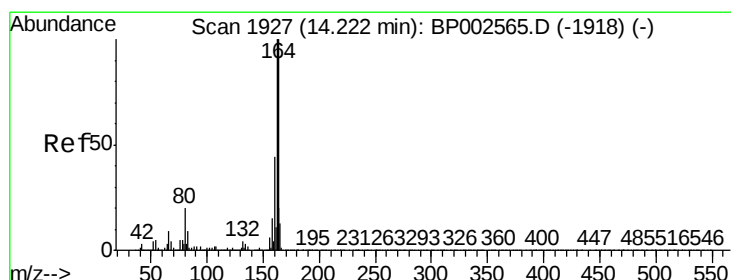
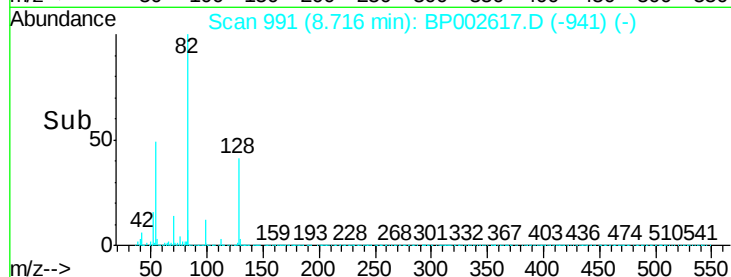
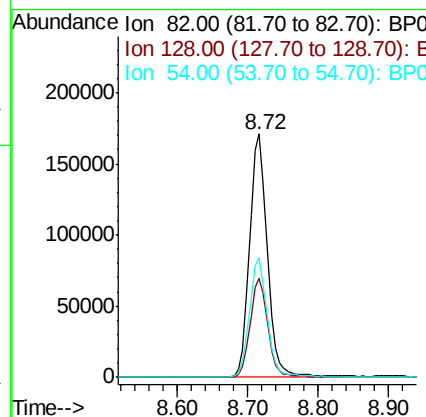
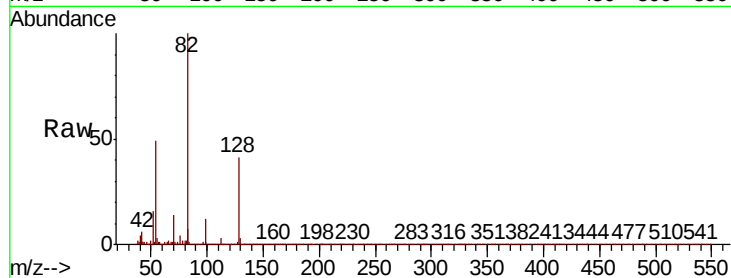
#23
Nitrobenzene-d5
Concen: 12.496 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.4	50.2
54	48.9	40.1	60.1

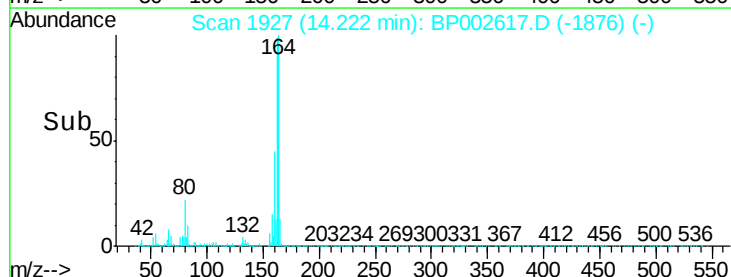
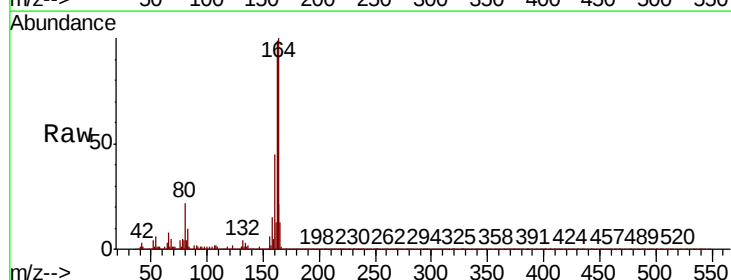
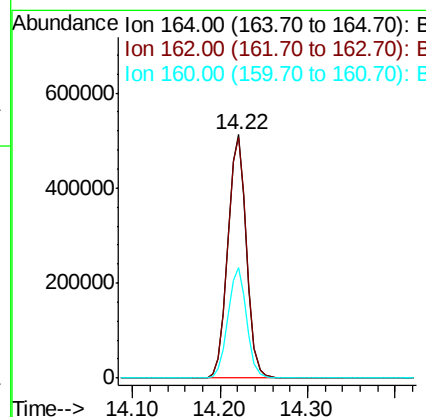
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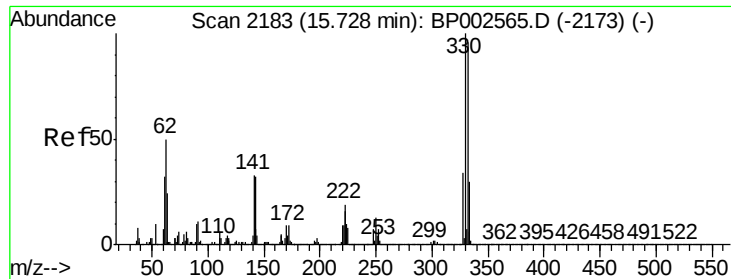
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.3	120.5
160	45.4	35.0	52.6





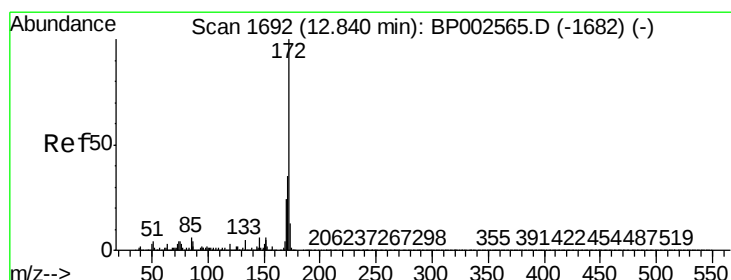
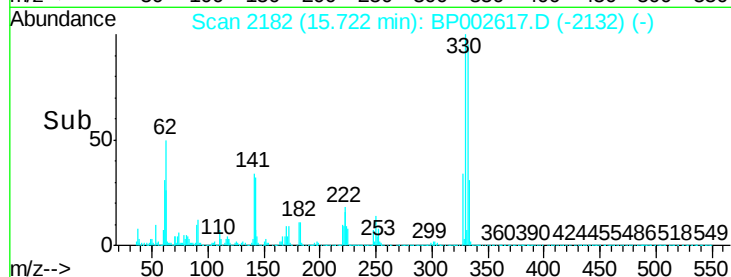
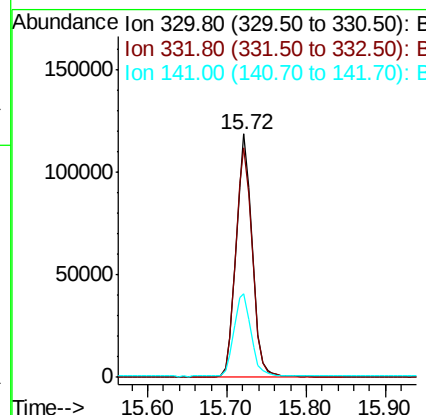
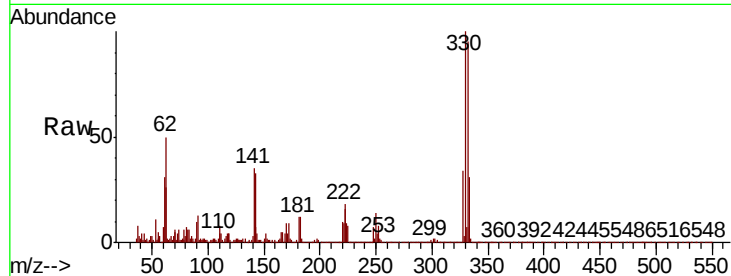
#42
2,4,6-Tribromophenol
Concen: 18.472 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tot Ion	Ratio	Resp	Lower	Upper
330	100	168091		
332	97.1	77.7	116.5	
141	36.3	29.0	43.6	

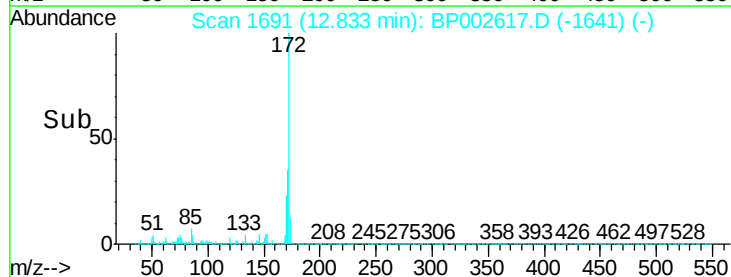
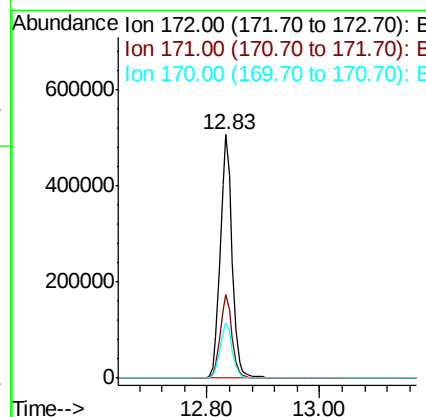
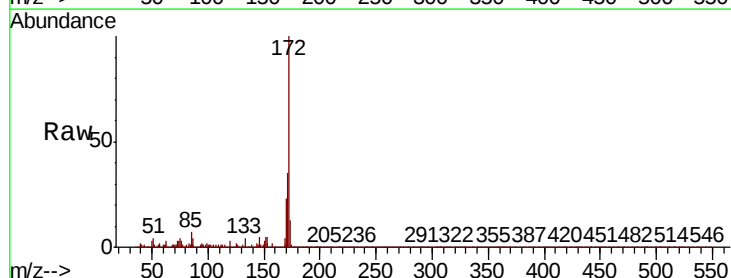
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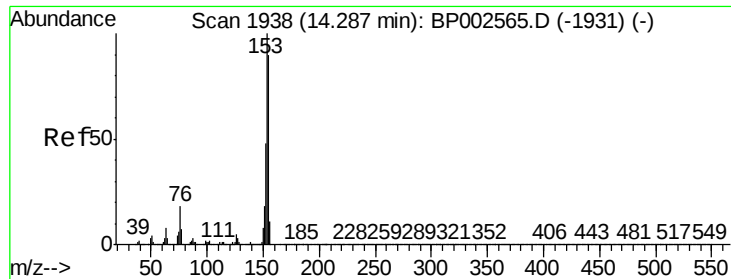
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#45
2-Fluorobiphenyl
Concen: 14.636 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	743954		
171	34.6	28.0	42.0	
170	22.9	19.0	28.4	





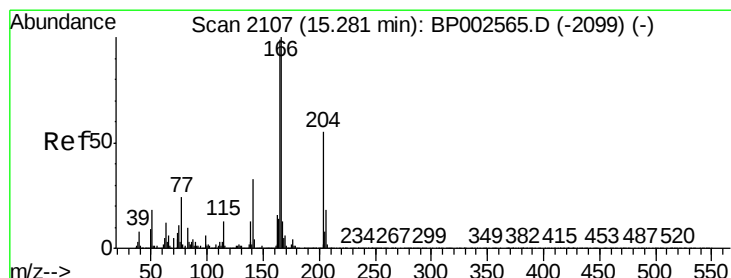
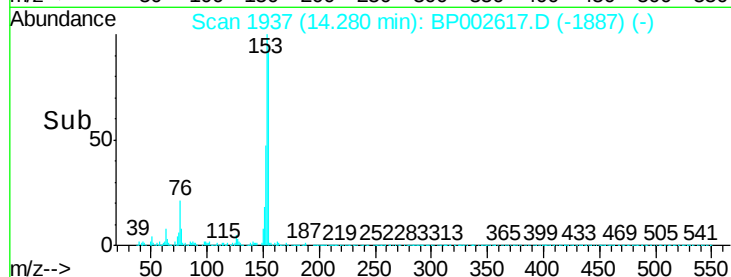
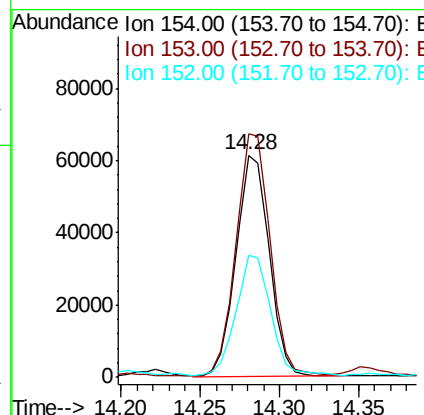
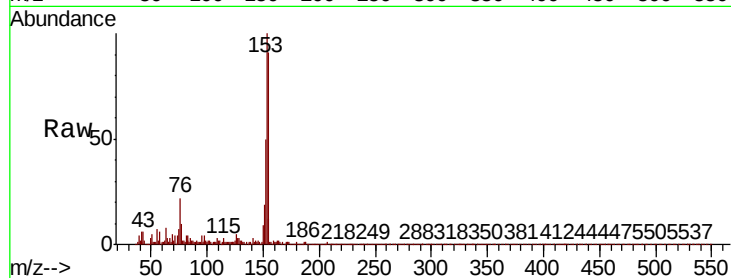
#52
Acenaphthene
Concen: 2.074 ng
RT: 14.28 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tot Ion	Ratio	Lower	Upper
154	100		
153	109.5	89.1	133.7
152	55.0	43.2	64.8

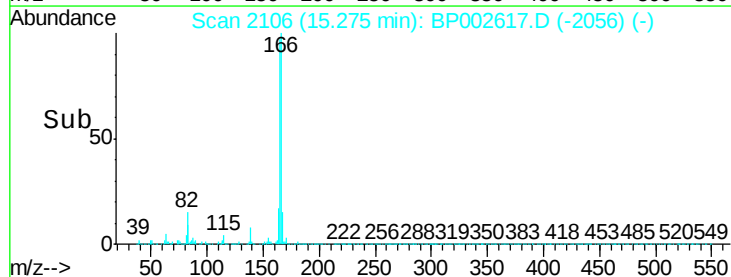
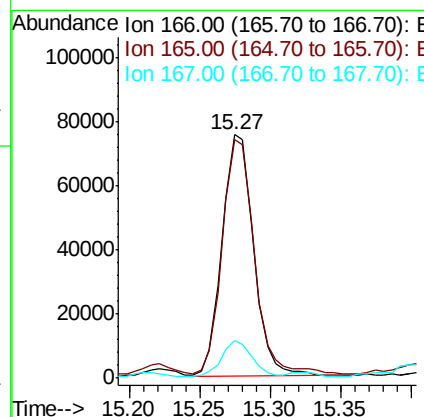
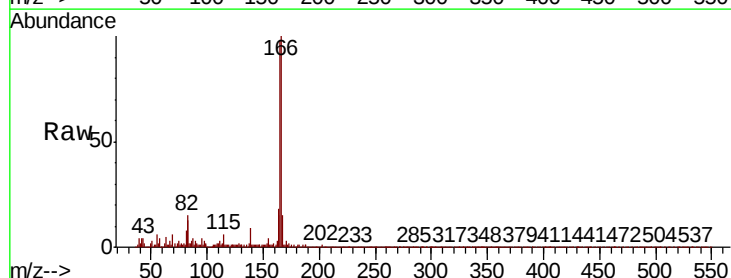
Manual Integrations
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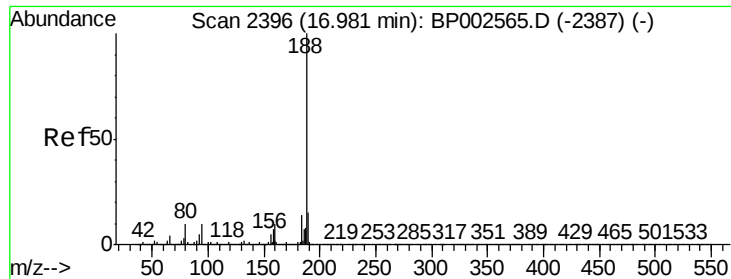
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#58
Fluorene
Concen: 2.220 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.1	118.7
167	15.2	10.8	16.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.98 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BP002617.D

Acq: 01 Jul 2020 22:28

Instrument :

BNA_P

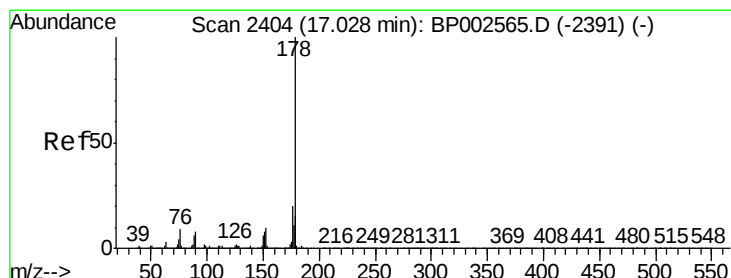
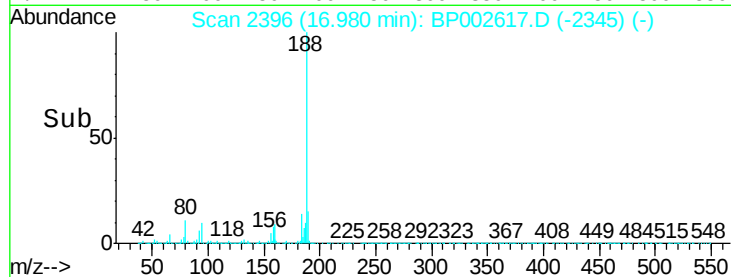
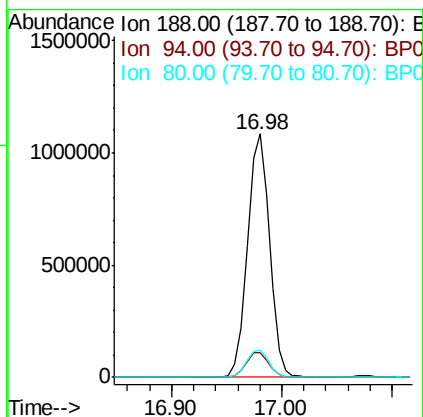
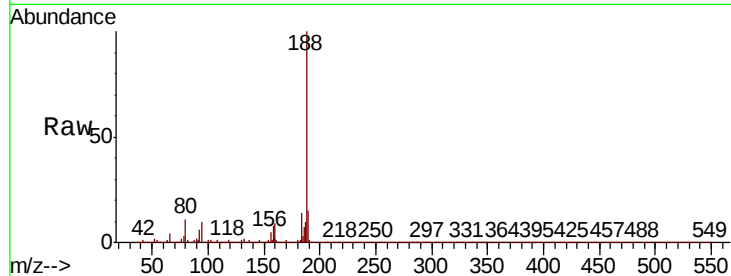
ClientSampled :

PL-02-063020

Tot Ion:	188	Resp:	1529257
Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.8	11.6
80	11.1	8.2	12.4

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#71

Phenanthrene

Concen: 12.000 ng

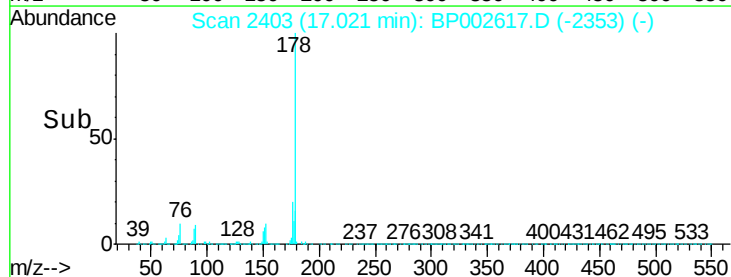
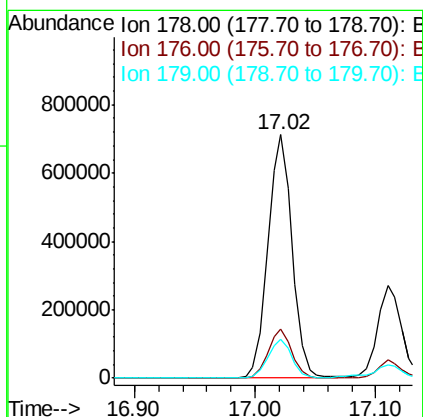
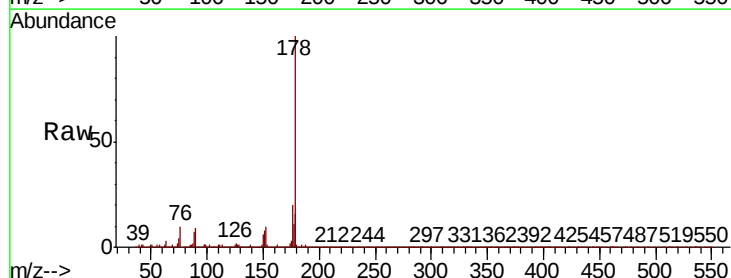
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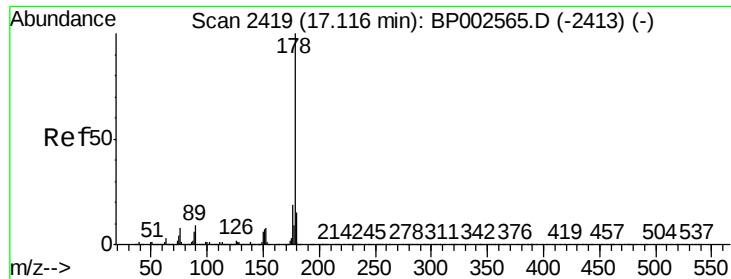
Delta R.T. -0.01 min

Lab File: BP002617.D

Acq: 01 Jul 2020 22:28

Tgt Ion:	178	Resp:	987374
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	16.1	12.1	18.1





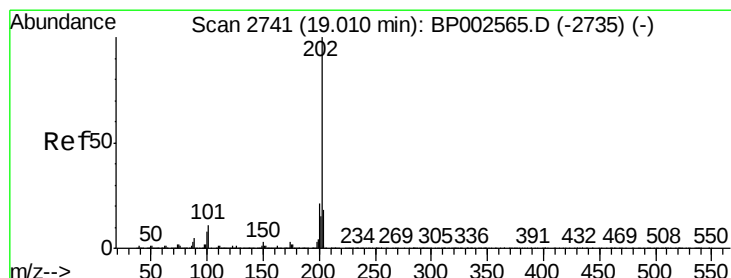
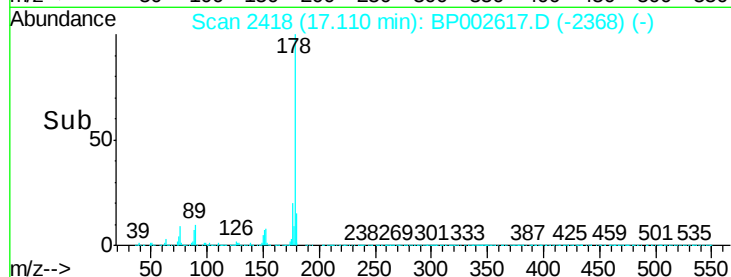
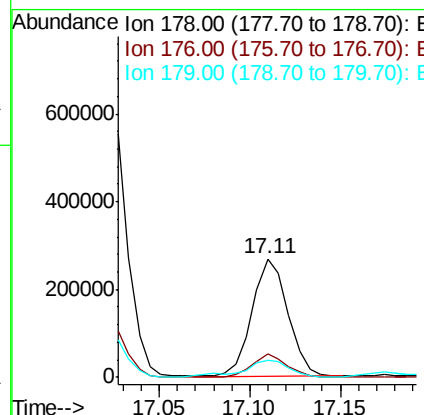
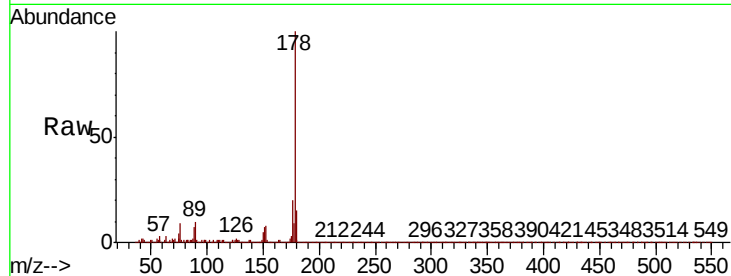
#72
 Anthracene
 Concen: 4.493 ng
 RT: 17.11 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BP002617.D
 Acq: 01 Jul 2020 22:28

Instrument :
 BNA_P
 ClientSampleId :
 PL-02-063020

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.0	22.4
179	14.7	12.2	18.2

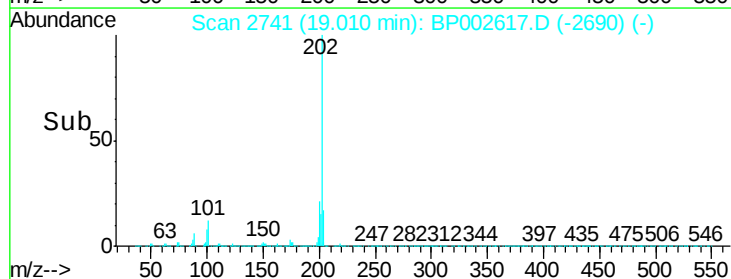
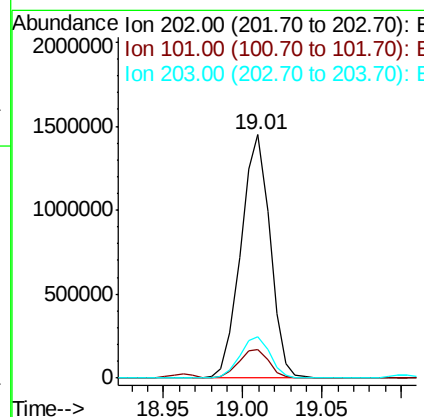
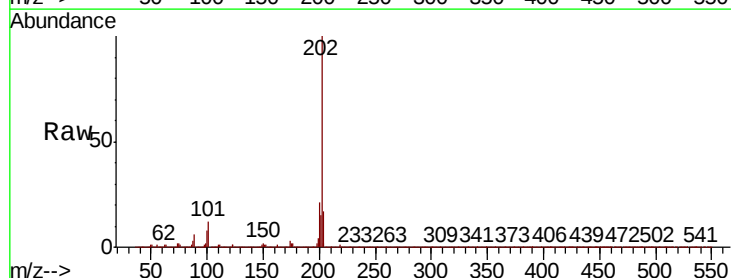
Manual Integrations
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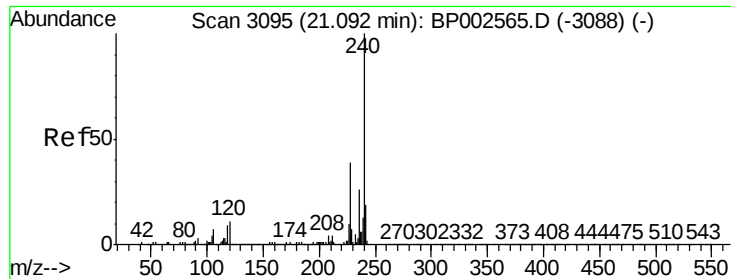
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#75
 Fluoranthene
 Concen: 18.576 ng
 RT: 19.01 min Scan# 2741
 Delta R.T. -0.00 min
 Lab File: BP002617.D
 Acq: 01 Jul 2020 22:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.6
203	17.1	0.0	37.7





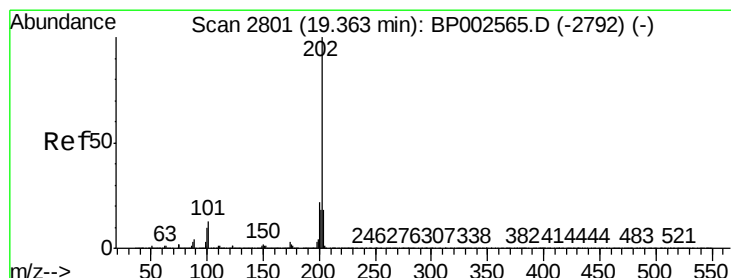
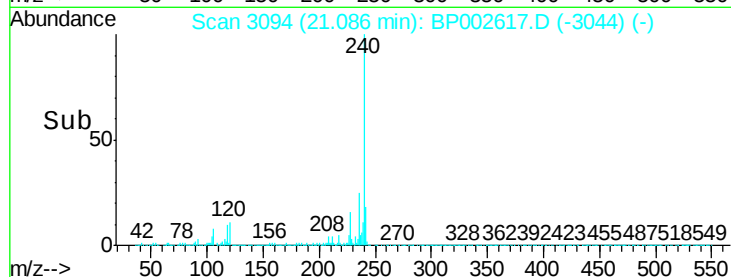
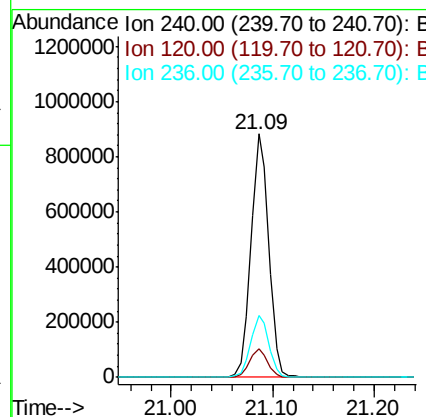
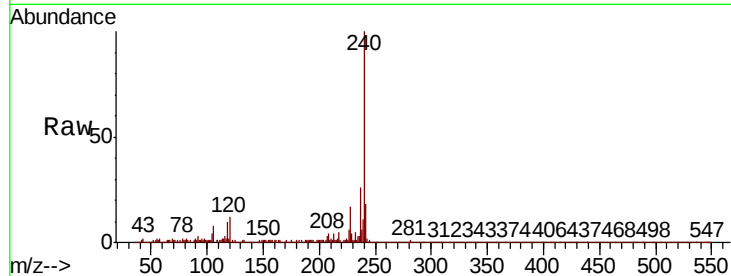
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.6	13.0
236	25.7	20.8	31.2

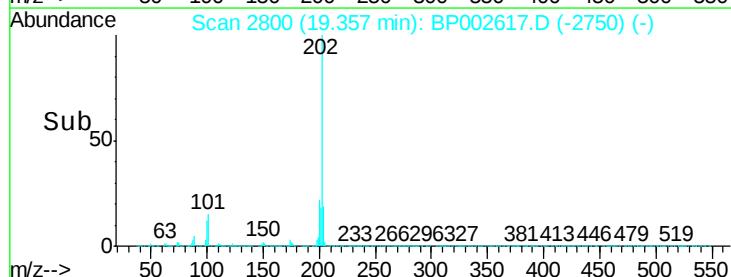
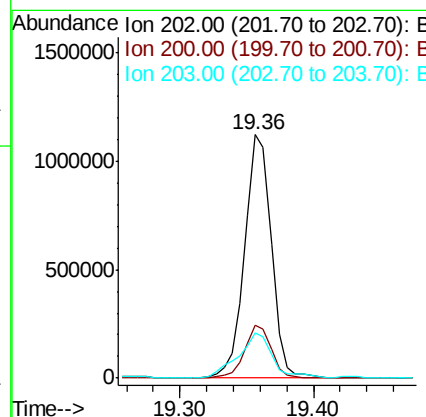
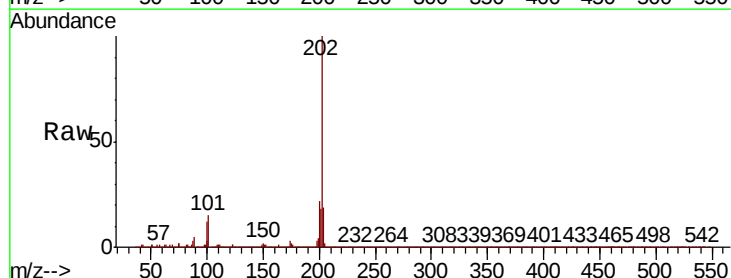
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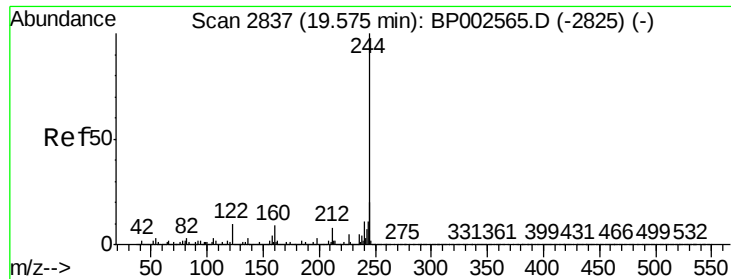
mohammad
7/7/2020 8:24:00 AM



#78
Pyrene
Concen: 21.262 ng
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.8	14.4	21.6





#79

Terphenyl-d14

Concen: 19.567 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002617.D

Acq: 01 Jul 2020 22:28

Instrument :

BNA_P

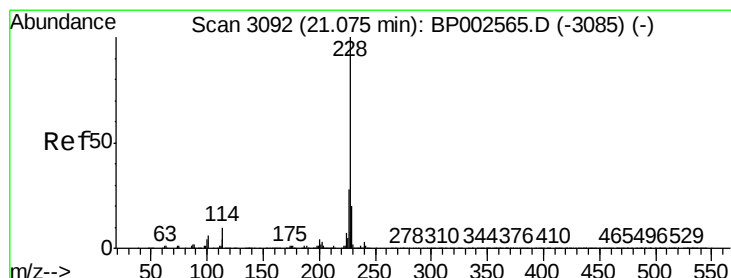
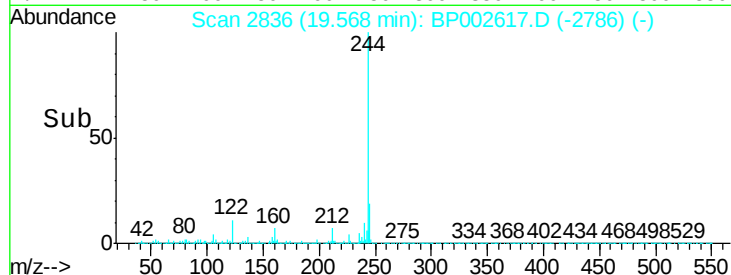
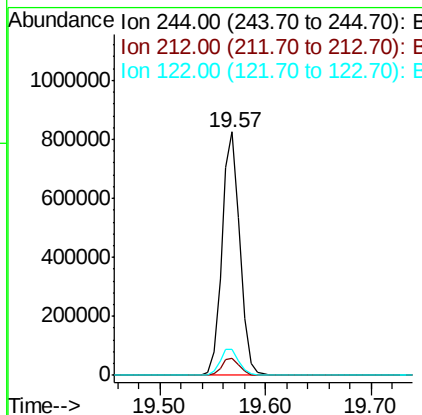
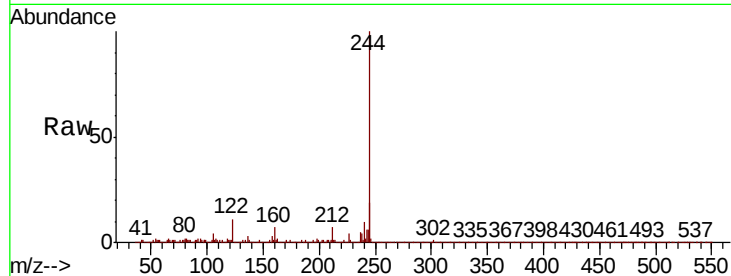
ClientSampled :

PL-02-063020

Tot Ion:	244	Resp:	966894
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.5	9.7
122	10.6	7.9	11.9

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#81

Benzo(a)anthracene

Concen: 10.341 ng

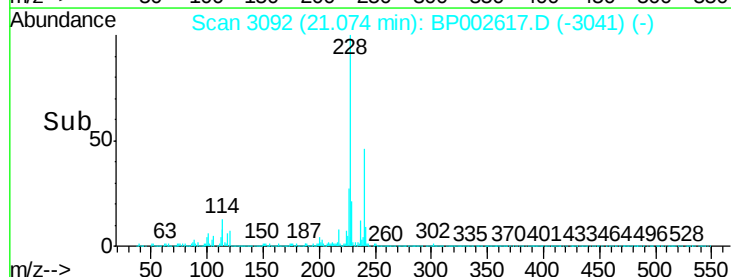
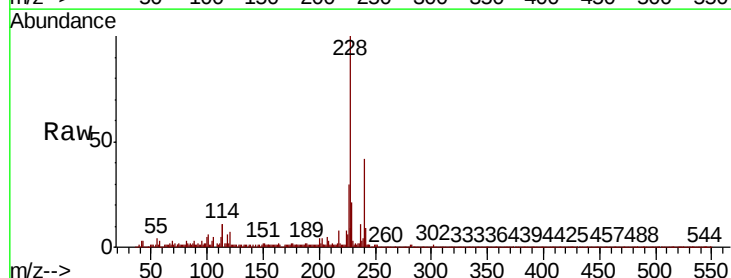
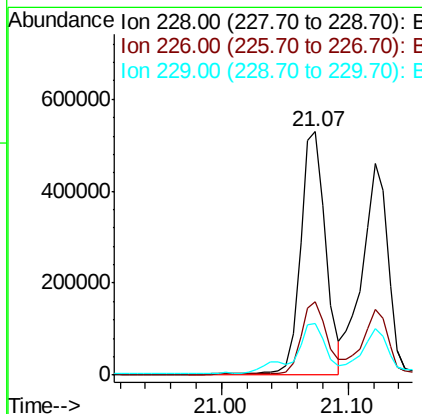
RT: 21.07 min Scan# 3092

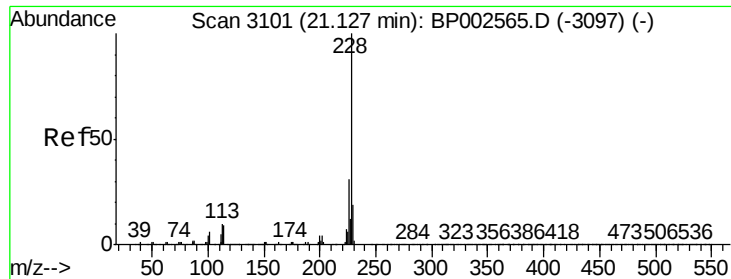
Delta R.T. -0.00 min

Lab File: BP002617.D

Acq: 01 Jul 2020 22:28

Tgt Ion:	228	Resp:	721059
Ion Ratio	Lower	Upper	
228	100		
226	30.0	22.5	33.7
229	21.4	16.4	24.6





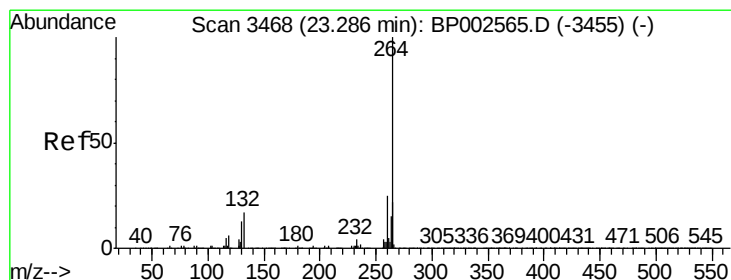
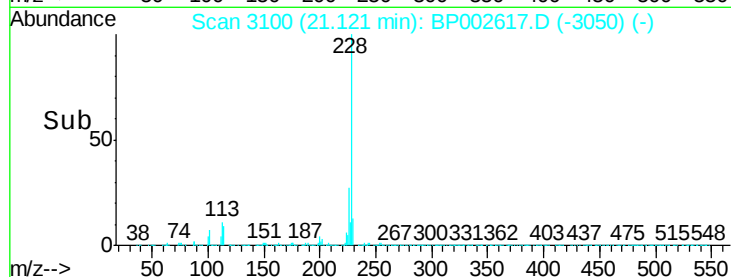
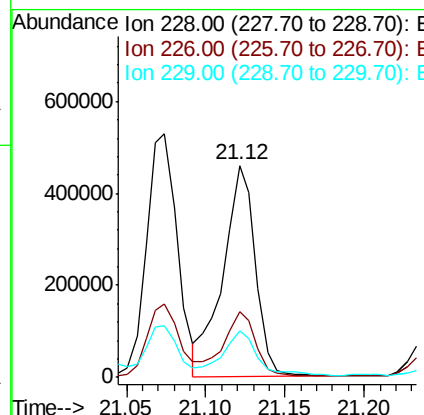
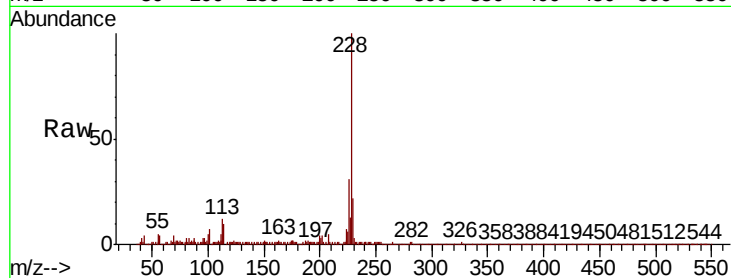
#83
Chrysene
Concen: 9.758 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	21.9	15.6	23.4

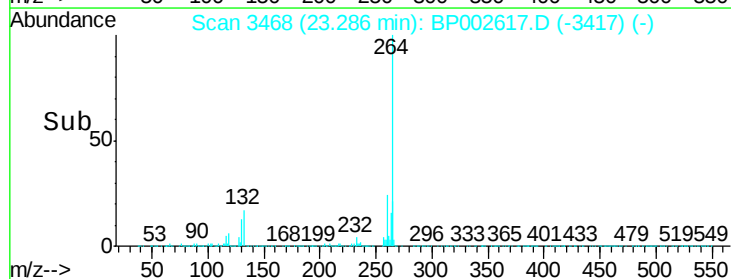
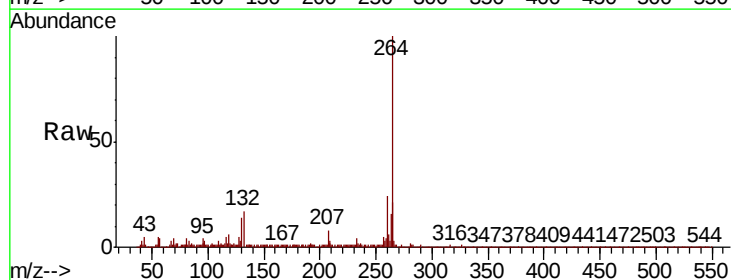
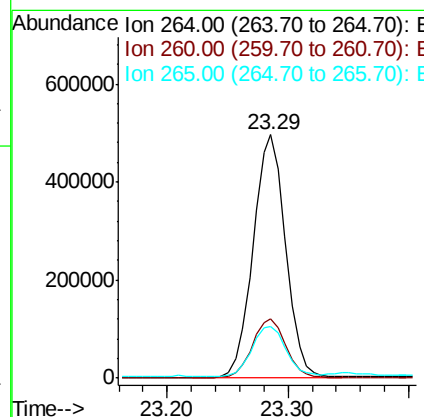
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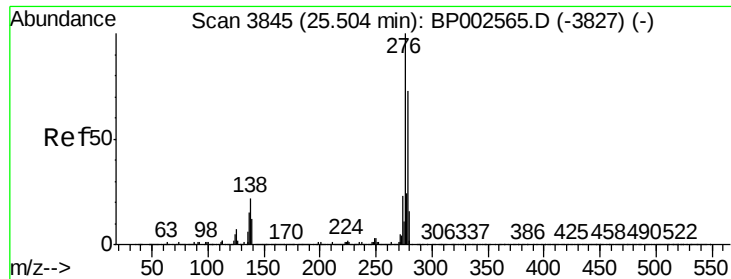
mohammad
7/7/2020 8:24:00 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.00 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.4	17.6	26.4





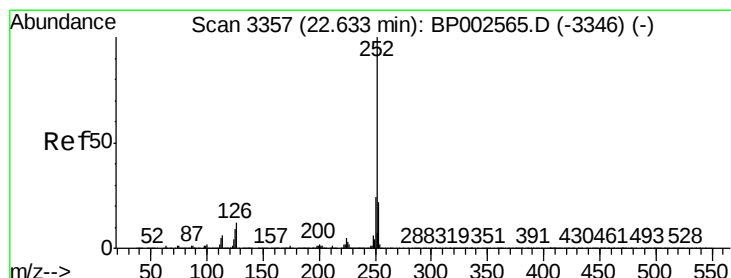
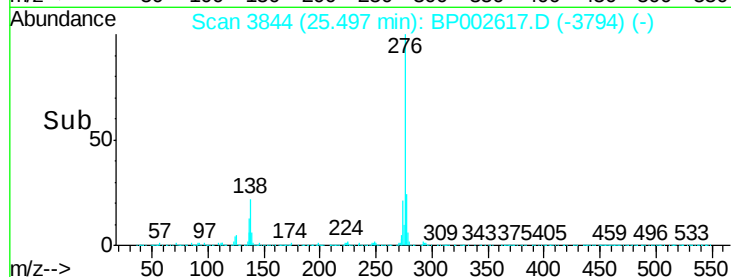
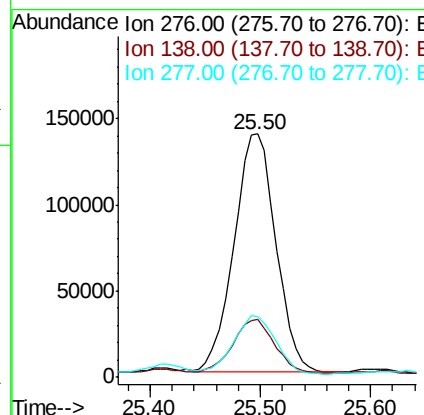
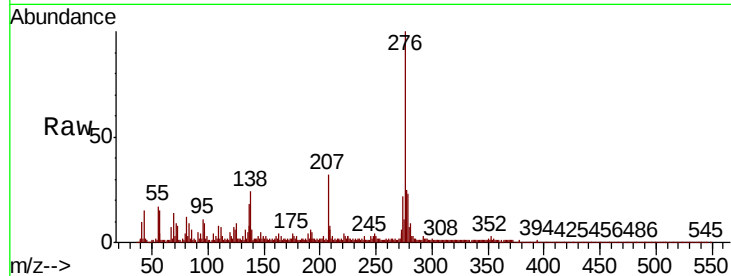
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.549 ng
 RT: 25.50 min Scan# 3844
 Delta R.T. -0.01 min
 Lab File: BP002617.D
 Acq: 01 Jul 2020 22:28

Instrument :
 BNA_P
 ClientSampleId :
 PL-02-063020

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.6	27.8
277	24.6	20.1	30.1

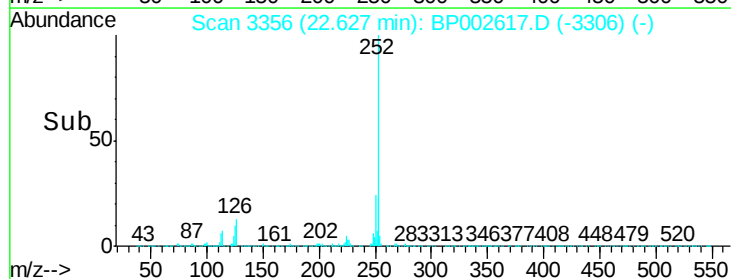
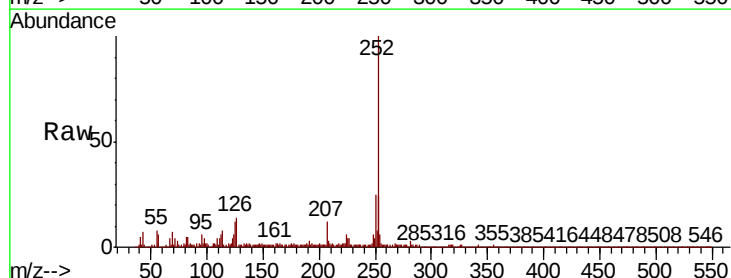
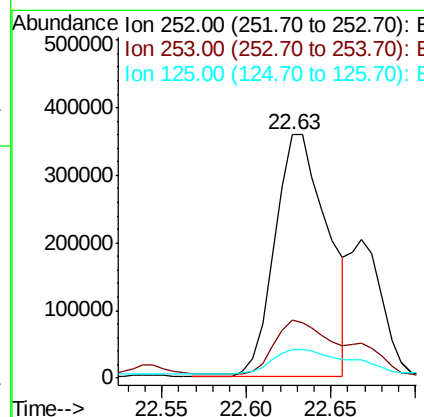
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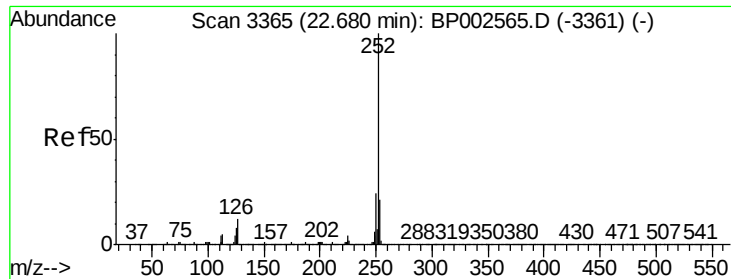
mohammad
 7/7/2020 8:24:00 AM



#88
 Benzo(b)fluoranthene
 Concen: 13.221 ng
 RT: 22.63 min Scan# 3356
 Delta R.T. -0.01 min
 Lab File: BP002617.D
 Acq: 01 Jul 2020 22:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	11.9	7.4	11.2#





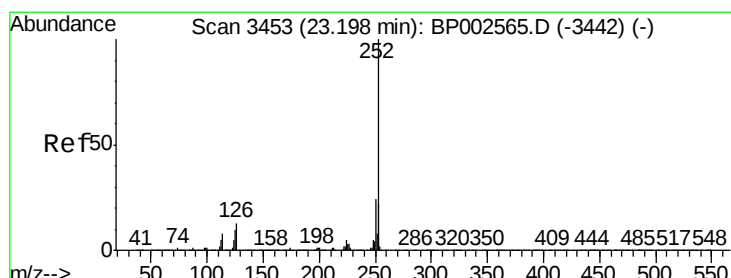
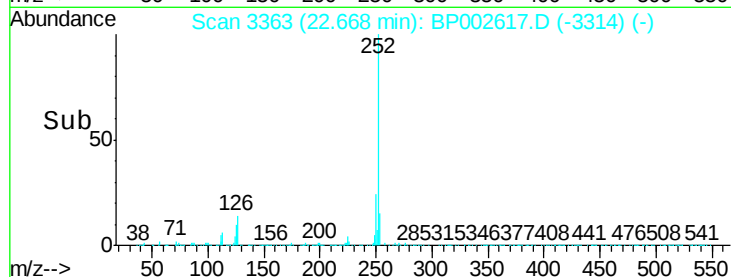
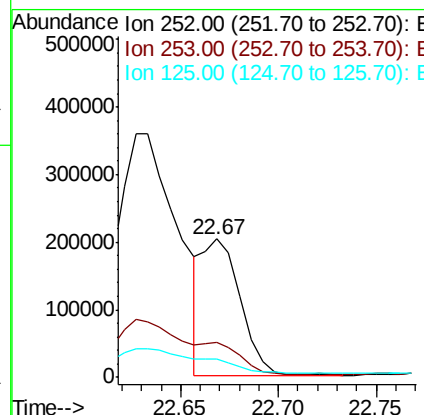
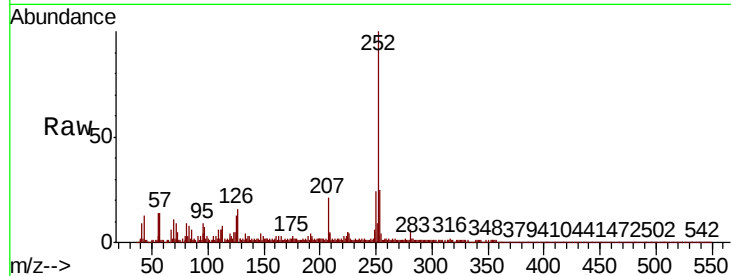
#89
Benzo(k)fluoranthene
Concen: 4.935 ng m
RT: 22.67 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.0
125	13.2	6.9	10.3

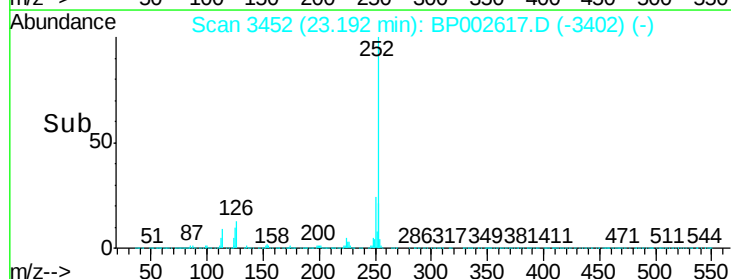
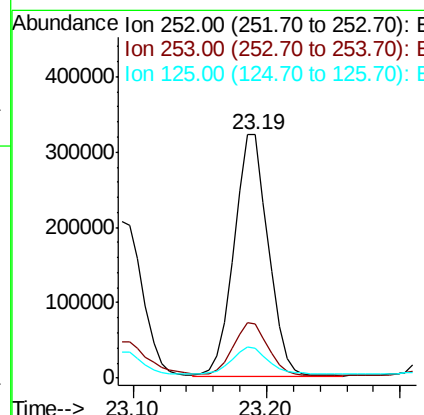
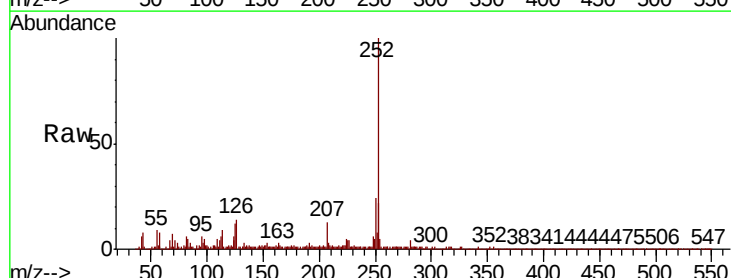
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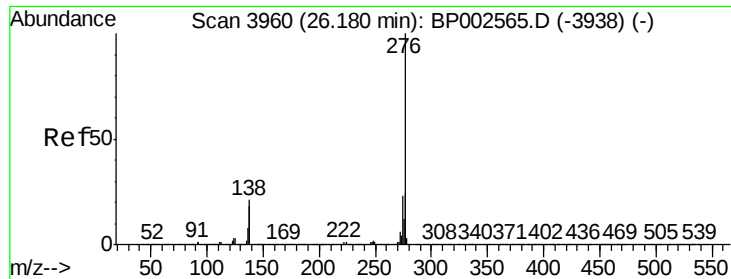
mohammad
7/7/2020 8:24:00 AM



#90
Benzo(a)pyrene
Concen: 10.569 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	12.2	7.8	11.8





#92
 Benzo(a,h,i)perylene
 Concen: 6.509 ng
 RT: 26.17 min Scan# 3958
 Delta R.T. -0.01 min
 Lab File: BP002617.D
 Acq: 01 Jul 2020 22:28

Instrument :
 BNA_P
 ClientSampleId :
 PL-02-063020

Tot Ion:	276	Resp:	352732
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.3	28.9
138	23.3	16.9	25.3

Manual Integrations
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mohammad
 7/7/2020 8:24:00 AM

