

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002336.D
 Acq On : 01 Jun 2020 13:29
 Operator : CG/JU
 Sample : L2773-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM25-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 06:50:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	389300	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1579158	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	936219	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1957070	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1823836	20.00	ng	0.00
86) Perylene-d12	23.32	264	1872440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1336156	64.46	ng	0.00
7) Phenol-d6	6.79	99	1958090	69.44	ng	0.00
23) Nitrobenzene-d5	8.75	82	1328010	50.56	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	660923	74.49	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2783140	52.46	ng	0.00
79) Terphenyl-d14	19.60	244	3790426	50.33	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.72	163	478052	7.544	ng	99
71) Phenanthrene	17.05	178	332604	3.588	ng	99
75) Fluoranthene	19.03	202	743005	6.959	ng	99
78) Pyrene	19.39	202	710635	6.257	ng	98
81) Benzo(a)anthracene	21.10	228	399895	3.830	ng	99
83) Chrysene	21.15	228	390109m	3.893	ng	
87) Indeno(1,2,3-cd)pyrene	25.54	276	270238	2.332	ng	97
88) Benzo(b)fluoranthene	22.66	252	515510	5.050	ng	# 97
89) Benzo(k)fluoranthene	22.70	252	200026m	2.042	ng	
90) Benzo(a)pyrene	23.22	252	390438	4.123	ng	# 97
92) Benzo(g,h,i)perylene	26.22	276	286025	2.967	ng	# 94

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

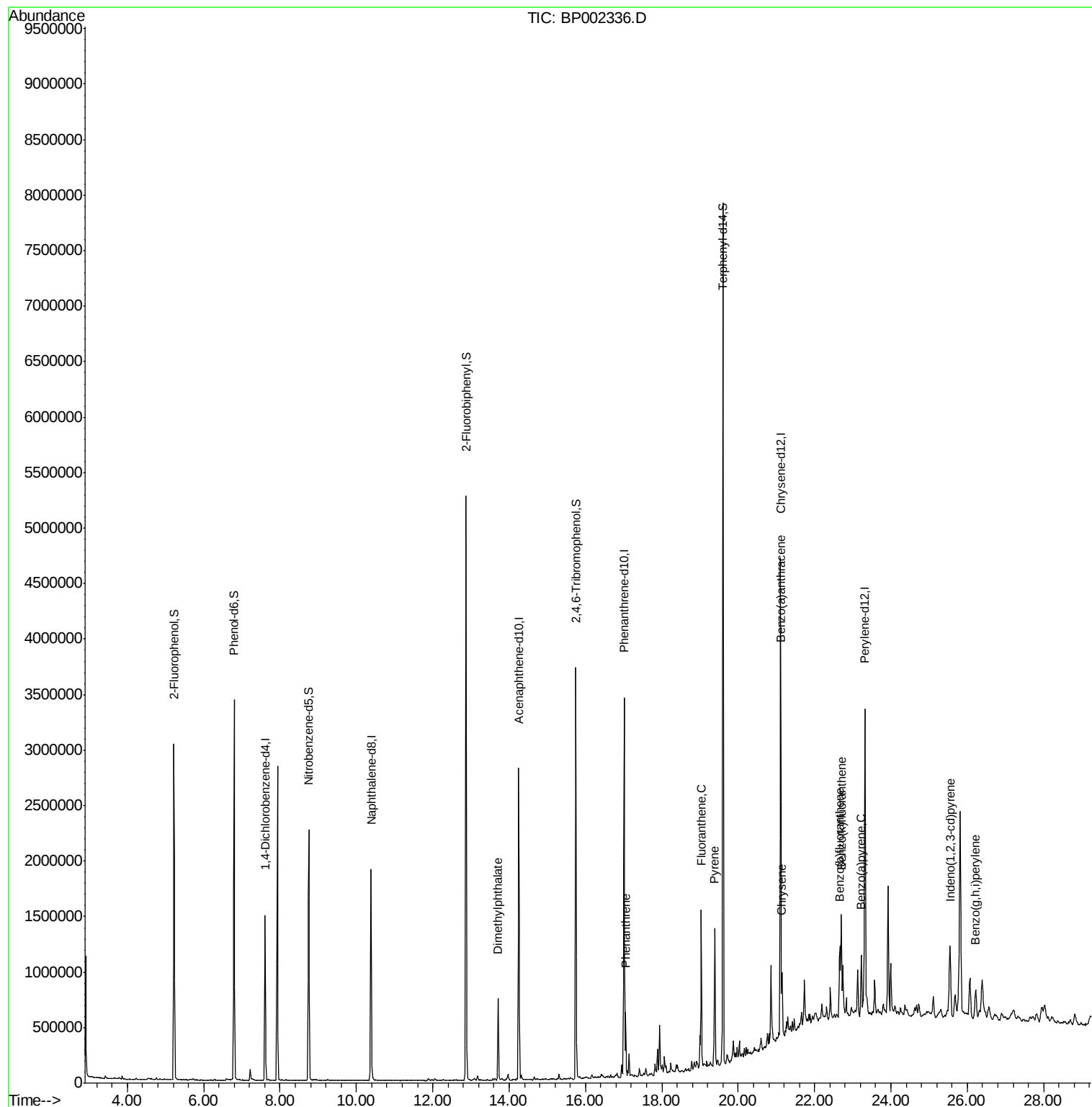
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002336.D
Acq On : 01 Jun 2020 13:29
Operator : CG/JU
Sample : L2773-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

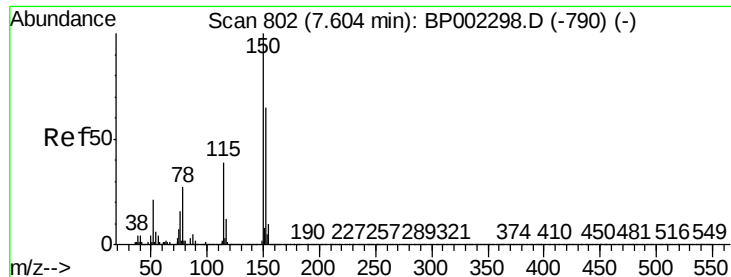
Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Quant Time: Jun 02 06:50:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 2020
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#1

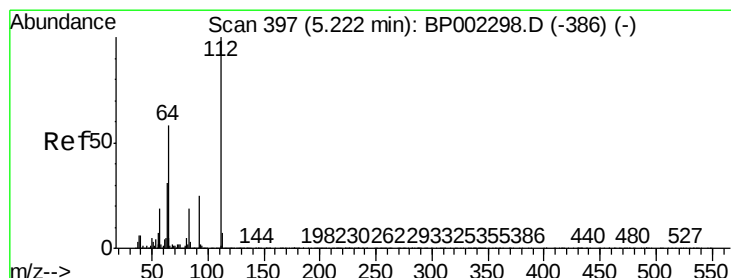
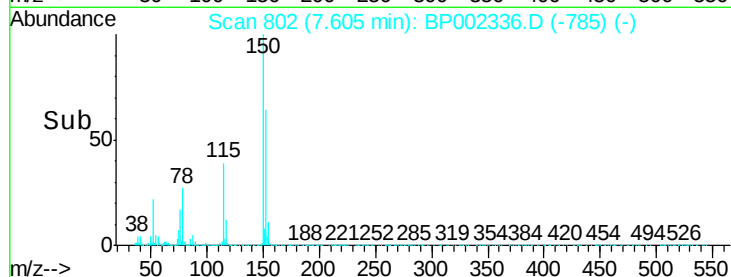
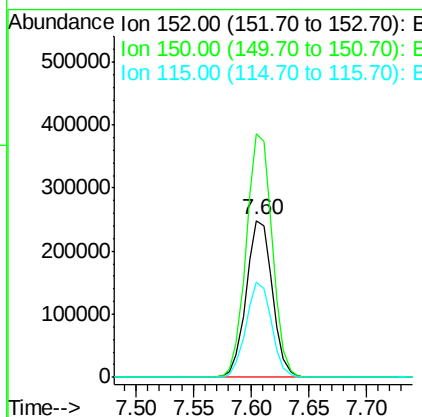
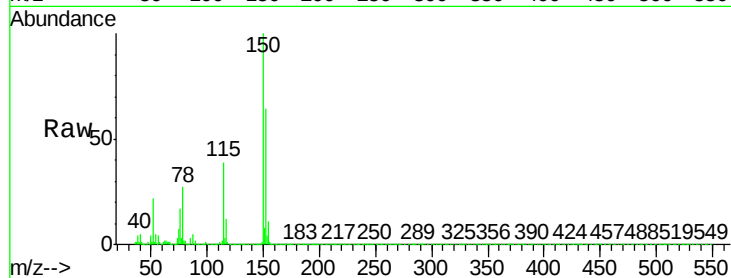
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.7	187.1
115	61.0	49.4	74.2

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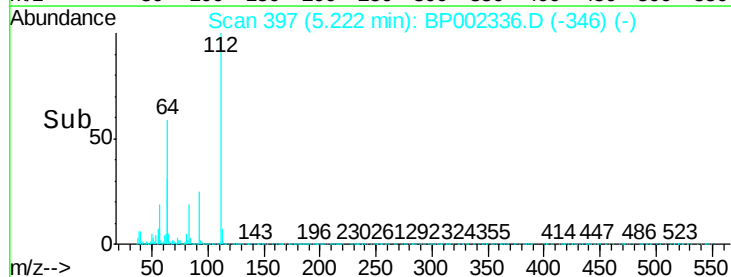
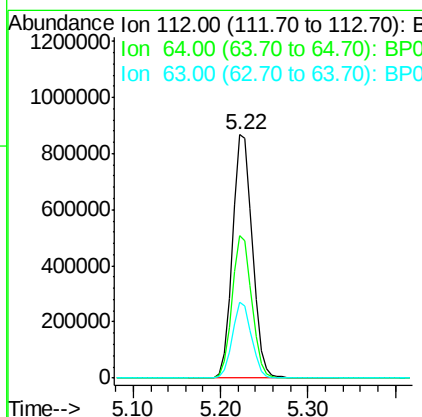
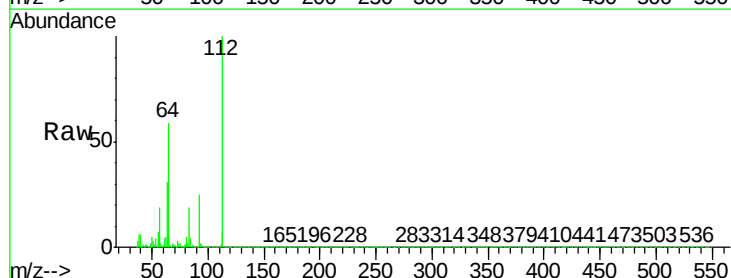
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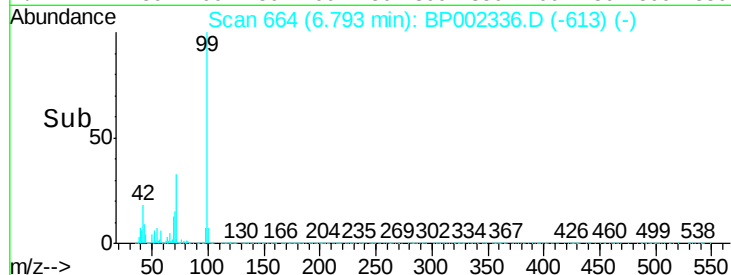
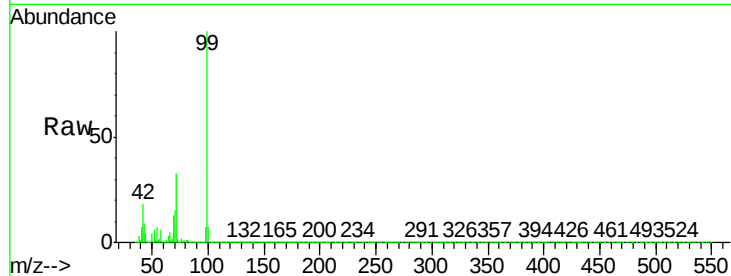
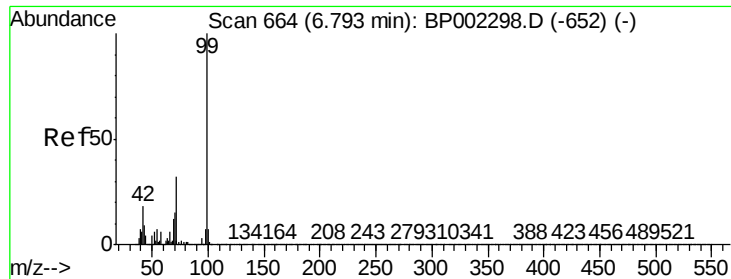


#5

2-Fluorophenol
Concen: 64.461 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.0	70.4
63	31.0	24.0	36.0





#7

Phenol-d6

Concen: 69.443 ng

RT: 6.79 min Scan# 664

Delta R.T. -0.00 min

Lab File: BP002336.D

Acq: 01 Jun 2020 13:29

Tot Ion: 99 Resp: 1958090

Ion Ratio Lower Upper

99 100

42 17.9 13.9 20.9

71 32.9 25.8 38.8

Instrument :

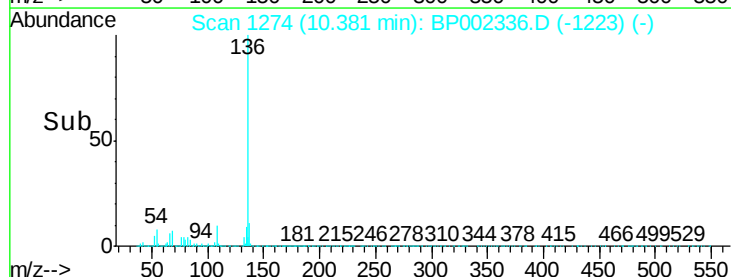
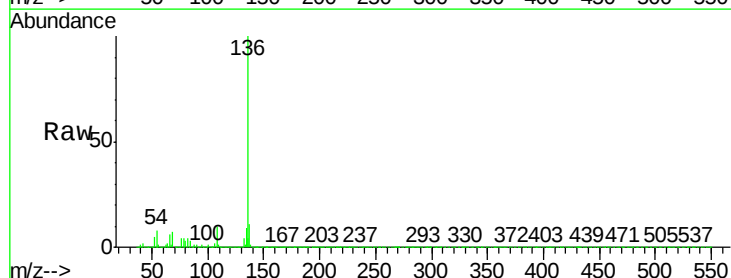
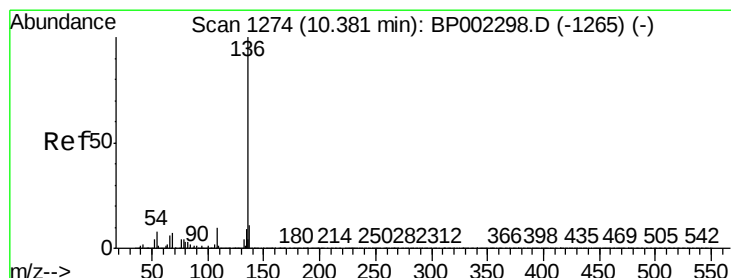
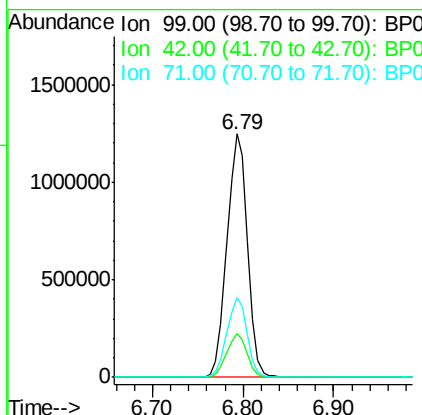
BNA_P

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BP002336.D

Acq: 01 Jun 2020 13:29

Tgt Ion: 136 Resp: 1579158

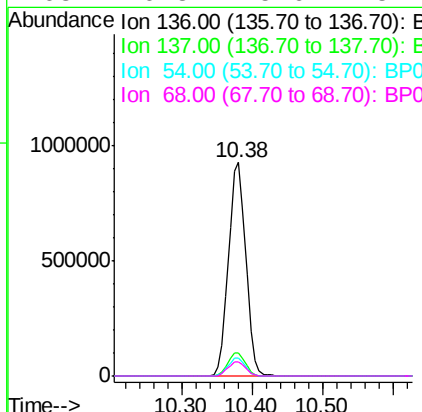
Ion Ratio Lower Upper

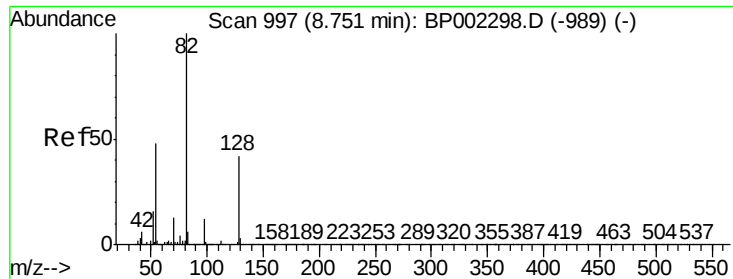
136 100

137 11.0 8.8 13.2

54 8.4 6.9 10.3

68 6.8 5.6 8.4





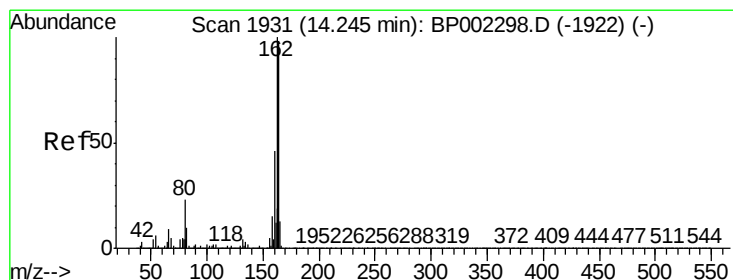
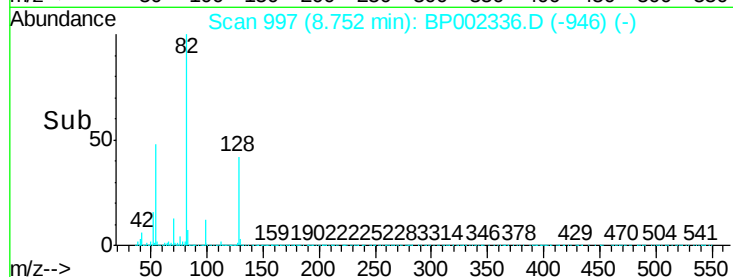
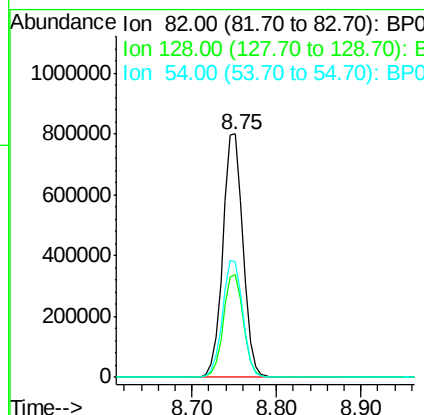
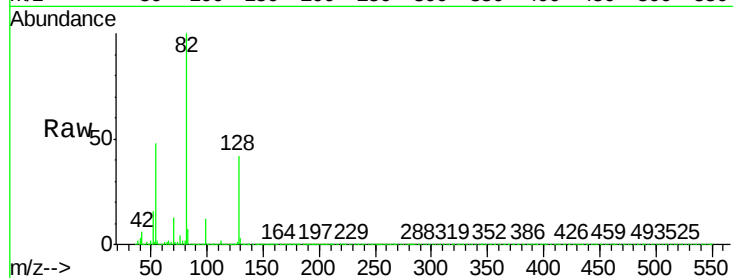
#23
Nitrobenzene-d5
Concen: 50.561 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tot Ion	82	Resp	1328010
Ion Ratio	100	Lower	Upper
82	100		
128	42.1	33.4	50.0
54	47.7	38.3	57.5

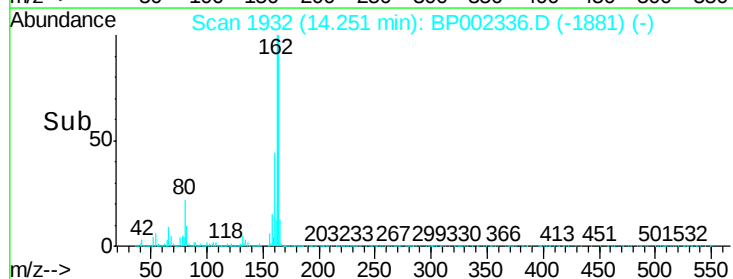
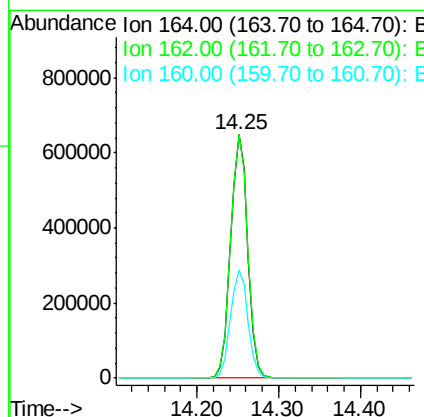
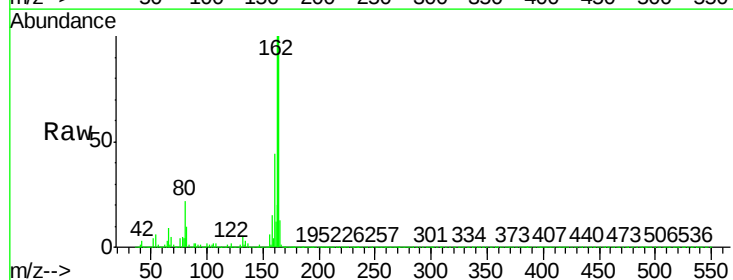
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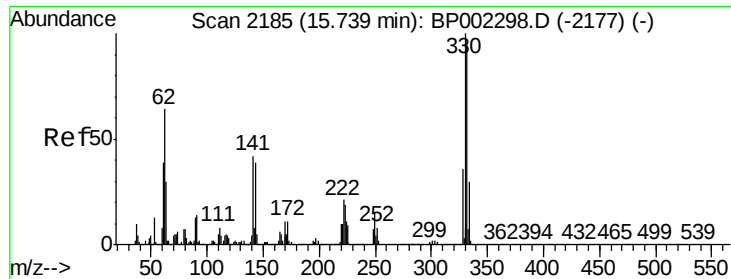
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Tgt Ion	164	Resp	936219
Ion Ratio	100	Lower	Upper
164	100		
162	100.0	81.3	121.9
160	44.3	37.2	55.8





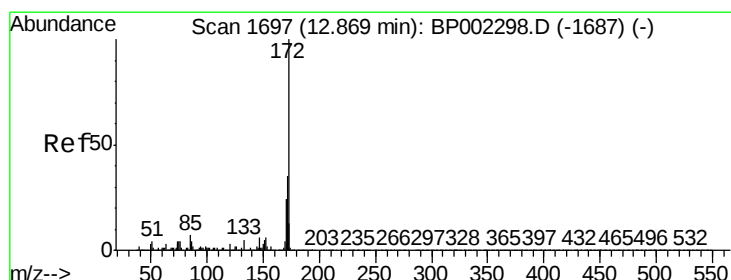
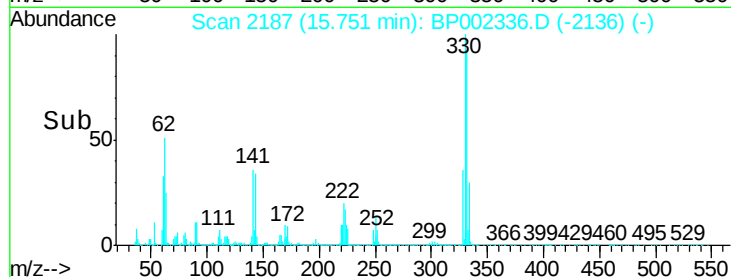
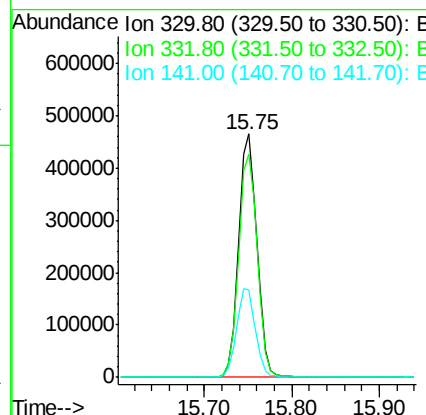
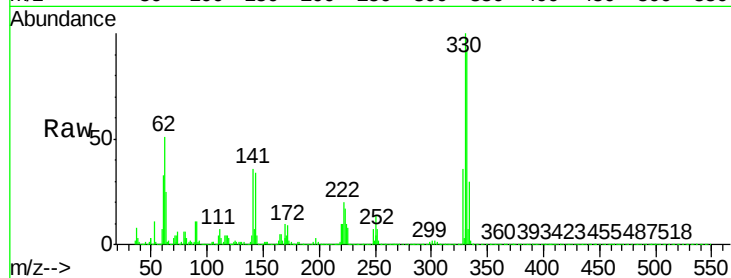
#42
2,4,6-Tribromophenol
Concen: 74.486 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	660923		
332	93.4	76.9	115.3	
141	37.4	31.4	47.2	

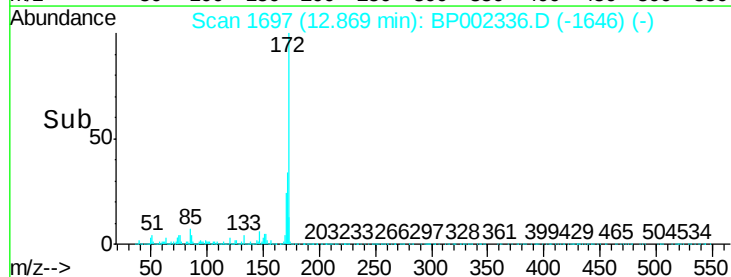
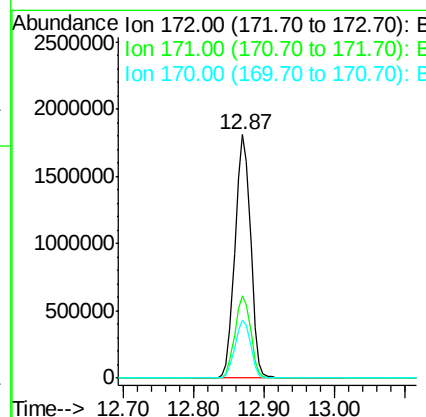
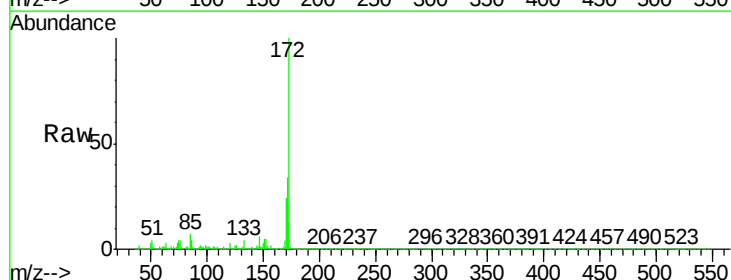
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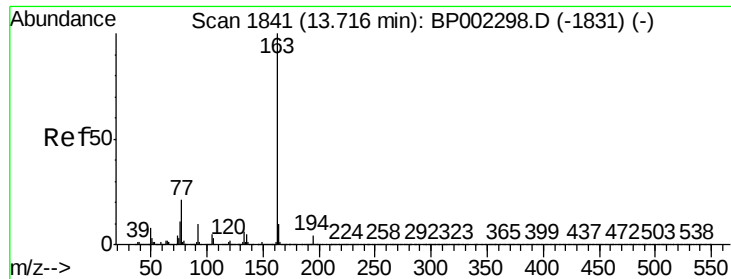
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#45
2-Fluorobiphenyl
Concen: 52.455 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2783140		
171	34.0	27.6	41.4	
170	23.9	18.9	28.3	





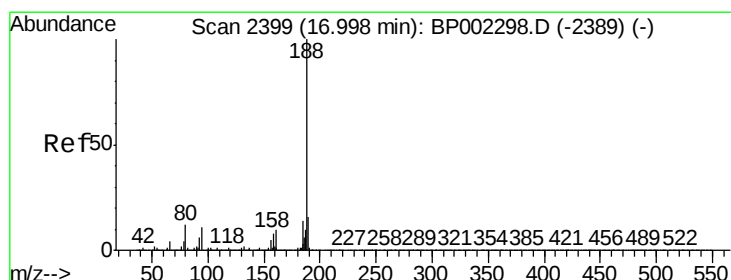
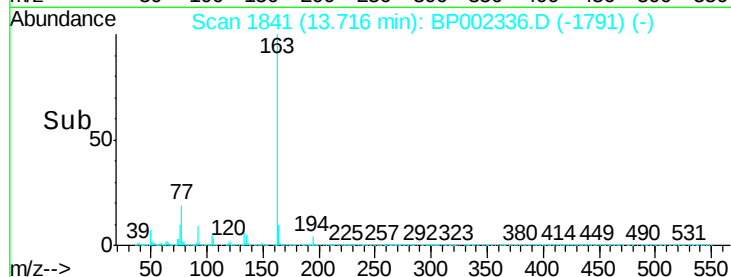
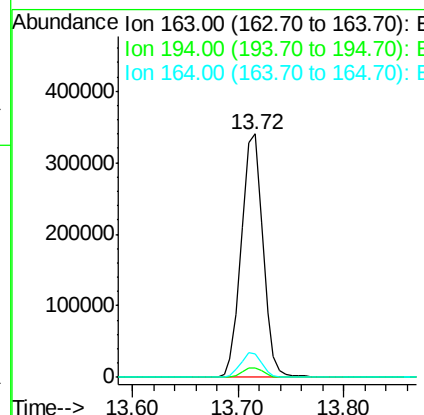
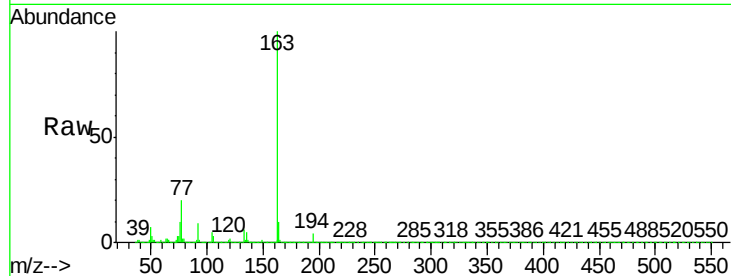
#50
Dimethylphthalate
Concen: 7.544 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.5	8.1	12.1

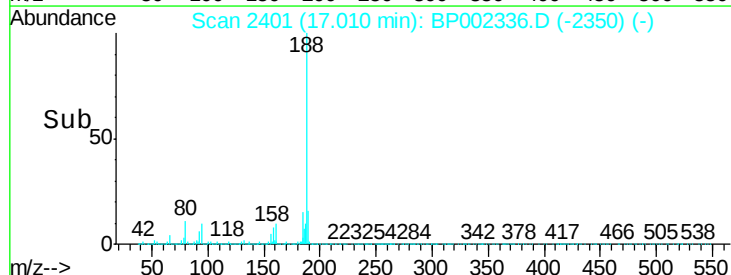
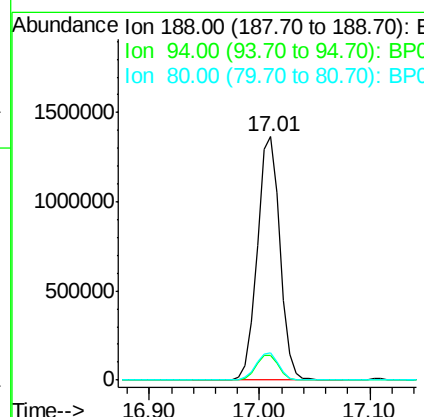
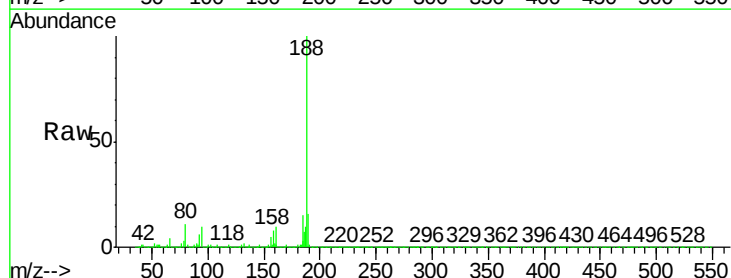
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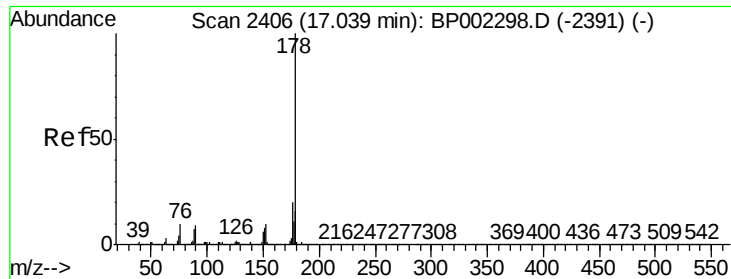
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.7	13.1
80	11.0	9.3	13.9





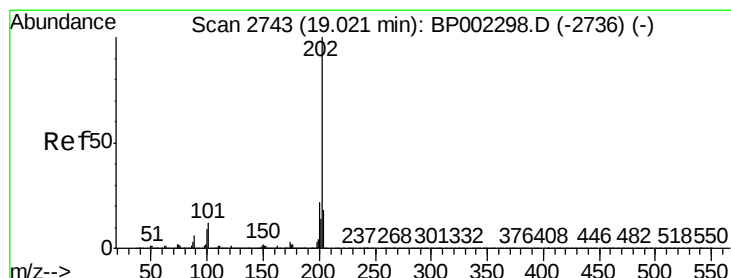
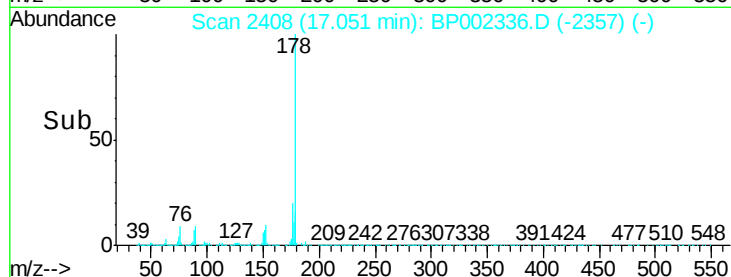
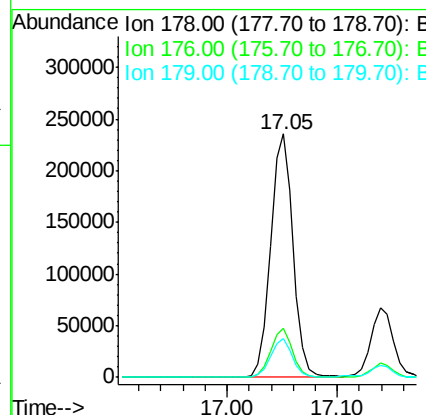
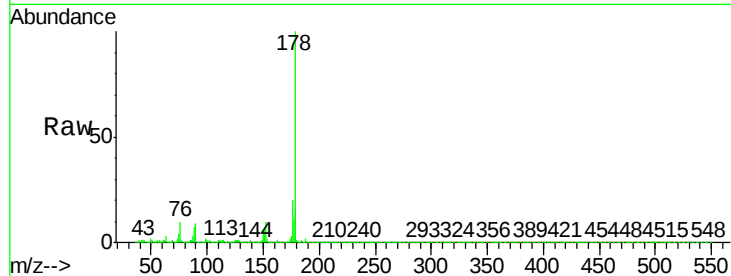
#71
Phenanthrene
Concen: 3.588 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.1	12.6	18.8

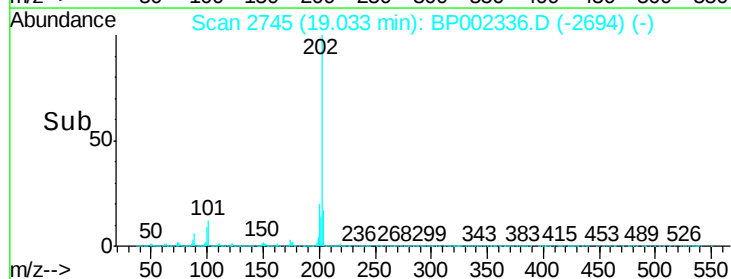
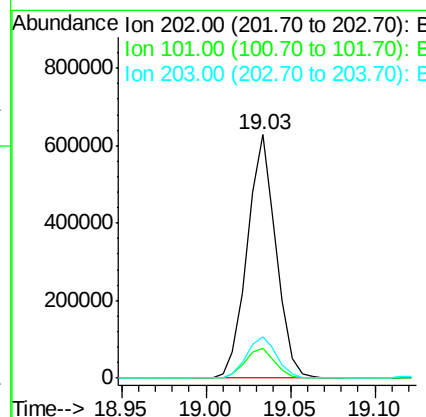
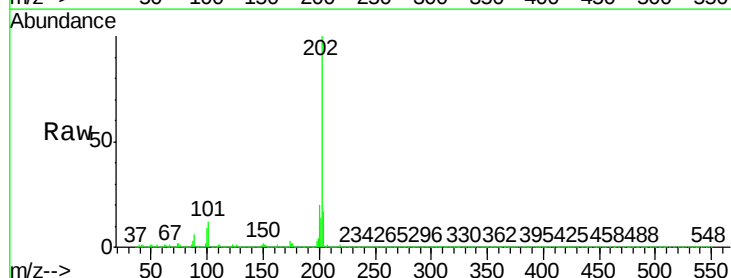
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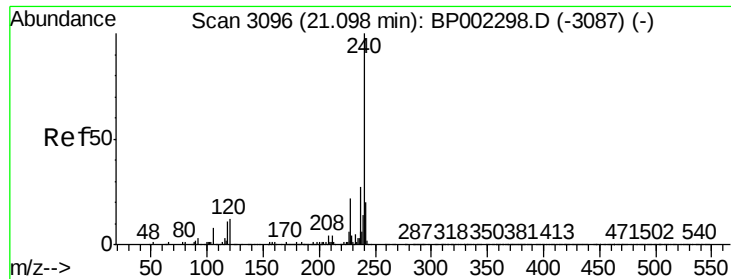
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#75
Fluoranthene
Concen: 6.959 ng
RT: 19.03 min Scan# 2745
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.1
203	16.9	0.0	37.6





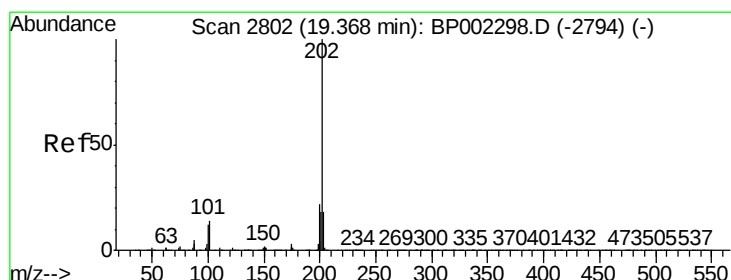
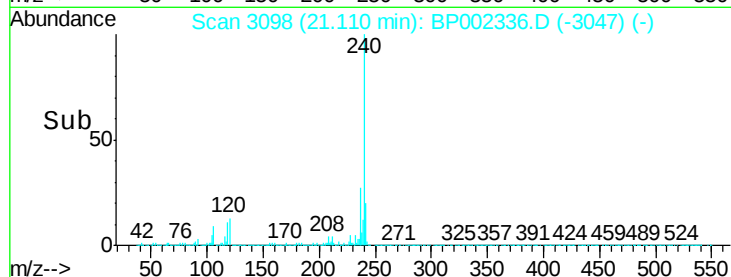
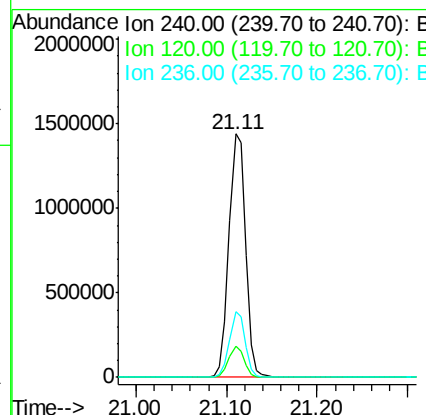
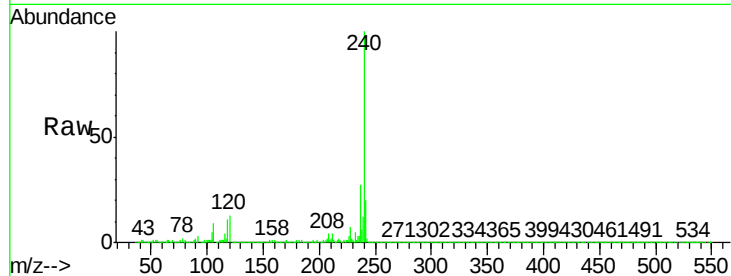
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.11 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tot Ion:240 Resp: 1823836
Ion Ratio Lower Upper
240 100
120 12.9 8.7 13.1
236 27.1 21.0 31.4

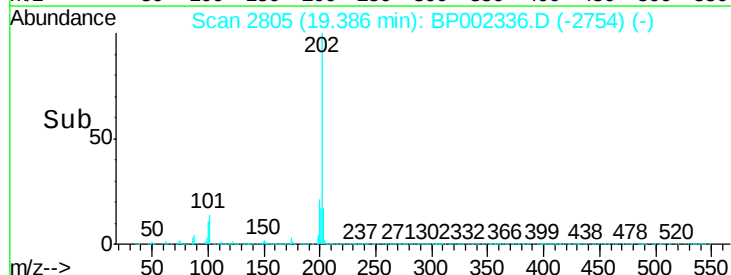
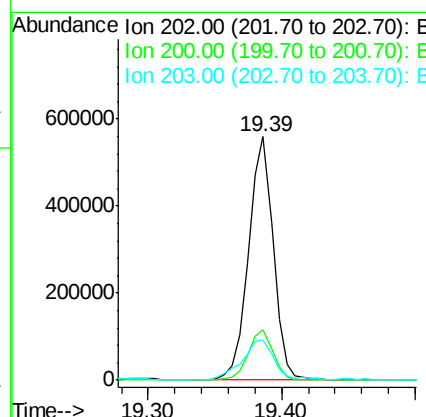
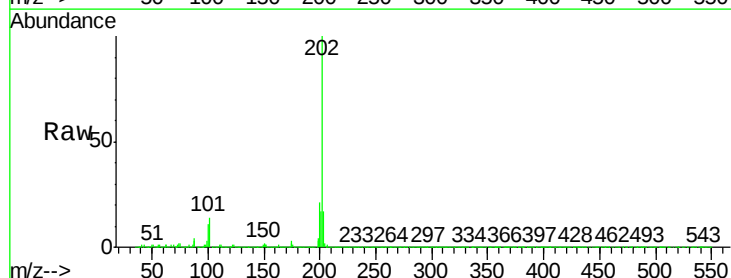
Manual Integrations
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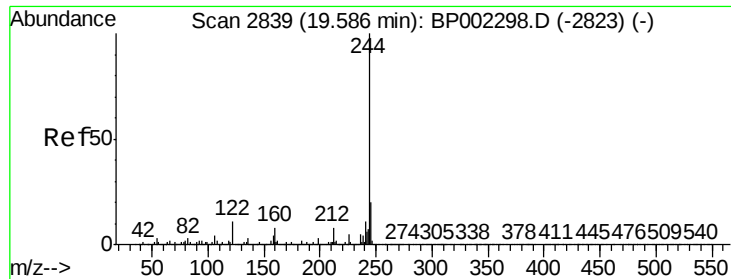
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#78
Pyrene
Concen: 6.257 ng
RT: 19.39 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Tgt Ion:202 Resp: 710635
Ion Ratio Lower Upper
202 100
200 20.7 17.3 25.9
203 16.7 13.8 20.6





#79
 Terphenyl-d14
 Concen: 50.330 ng
 RT: 19.60 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: BP002336.D
 Acq: 01 Jun 2020 13:29

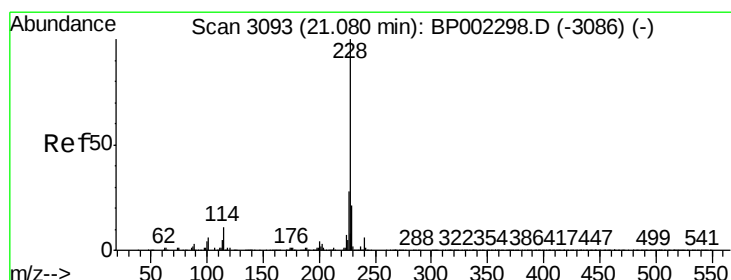
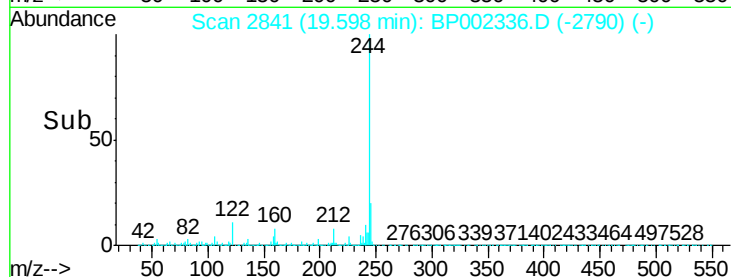
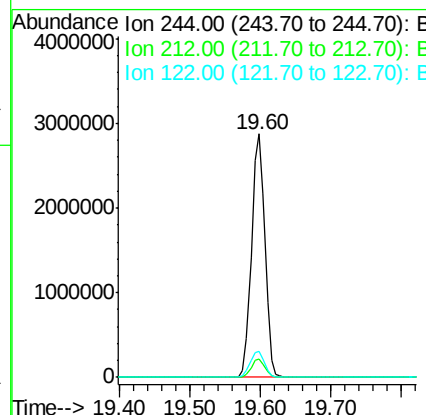
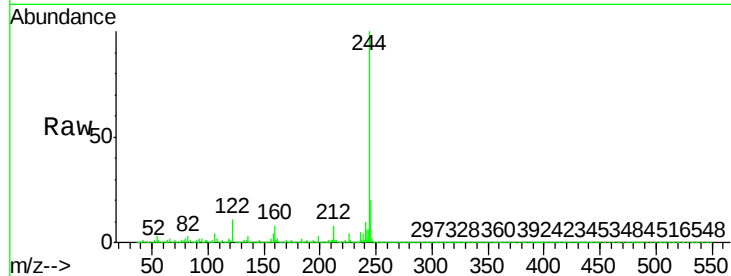
Instrument :
 BNA_P
 ClientSampleId :
 NM25-COMP-2020-0-6

Tot Ion:244 Resp: 3790426

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	10.9	9.4	14.0

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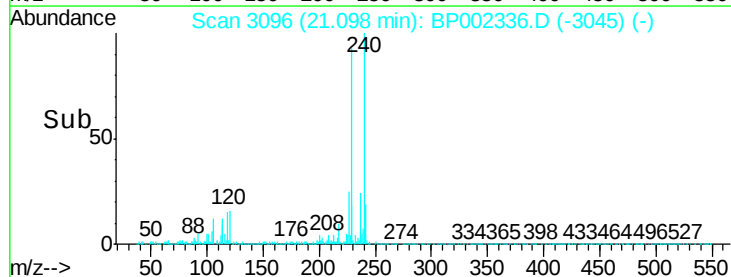
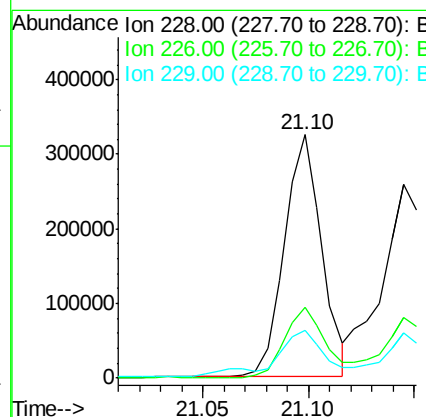
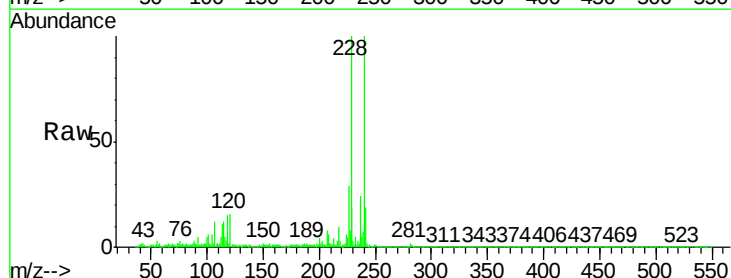
mohammad
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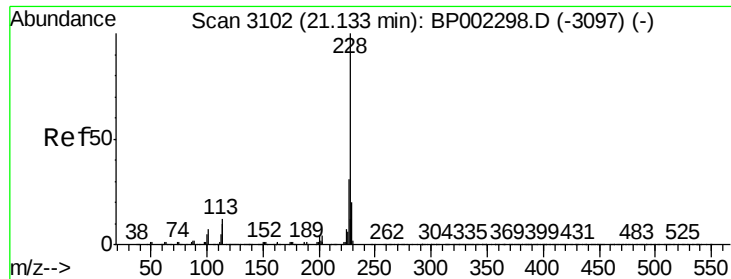


#81
 Benzo(a)anthracene
 Concen: 3.830 ng
 RT: 21.10 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BP002336.D
 Acq: 01 Jun 2020 13:29

Tgt Ion:228 Resp: 399895

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	19.4	16.3	24.5





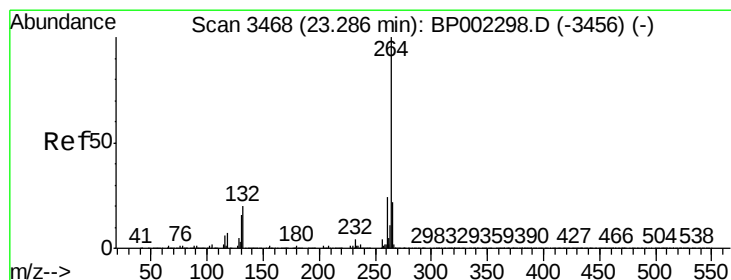
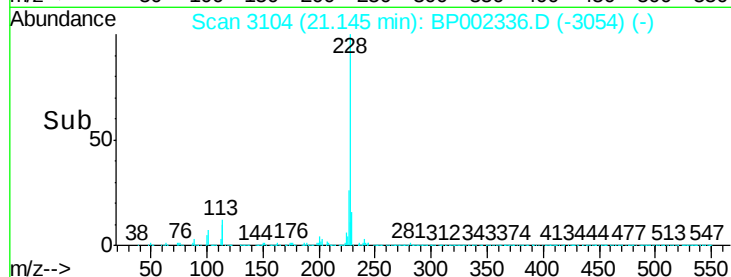
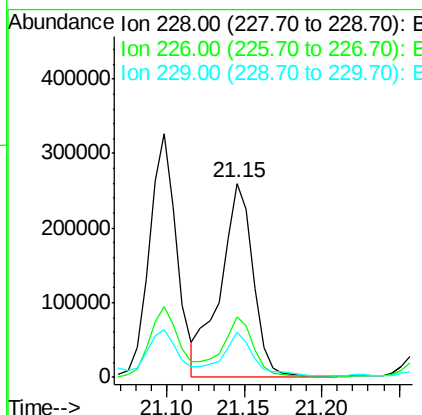
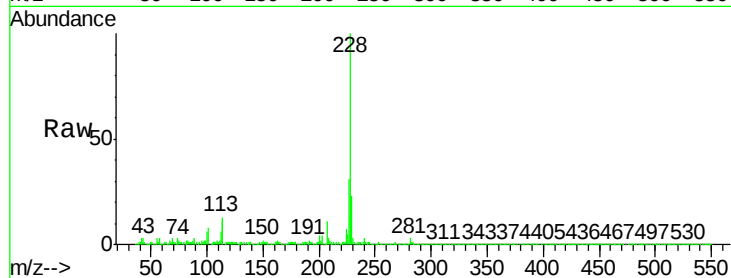
#83
Chrysene
Concen: 3.893 ng/mL
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	31.0	25.0	37.6		
229	23.1	16.2	24.4		

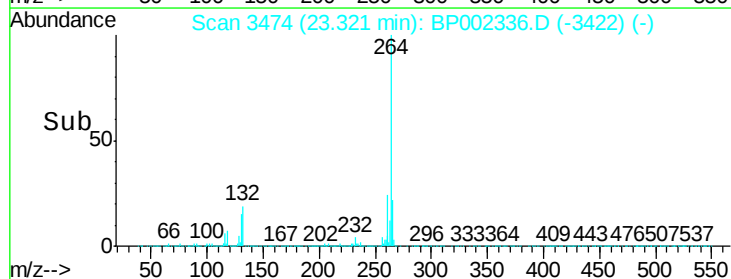
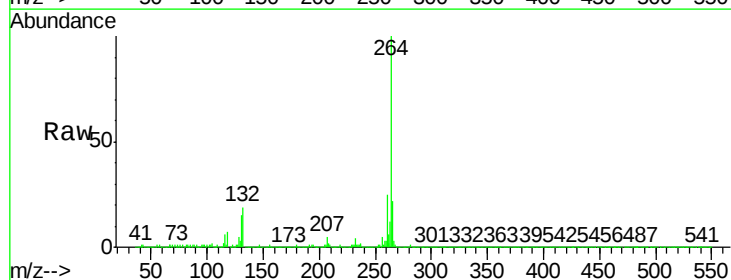
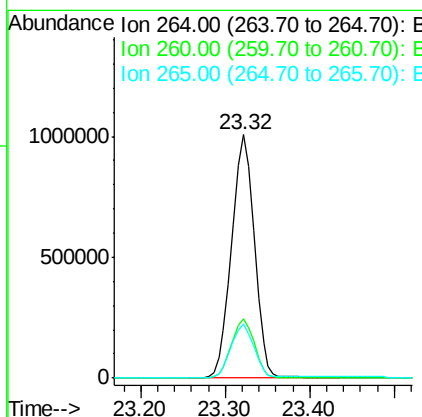
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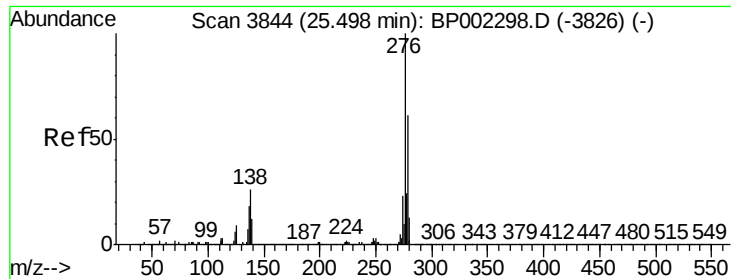
mohammad
6/2/2020 3:23:32 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.5	19.4	29.2		
265	22.2	17.8	26.6		





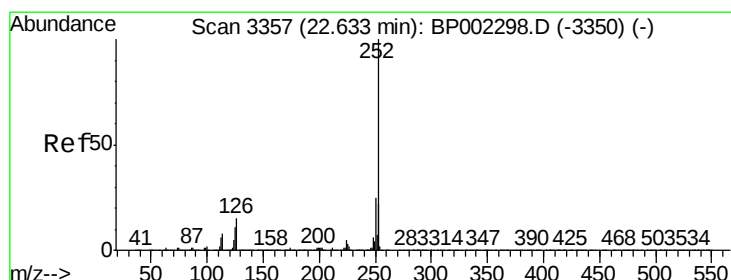
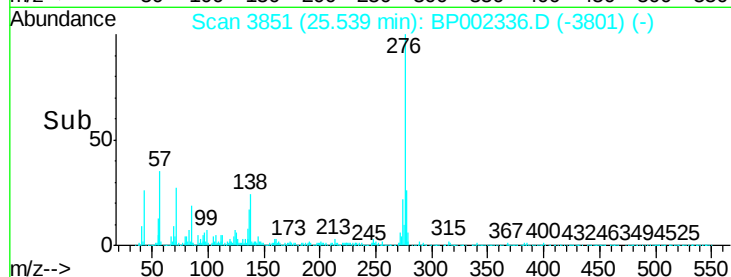
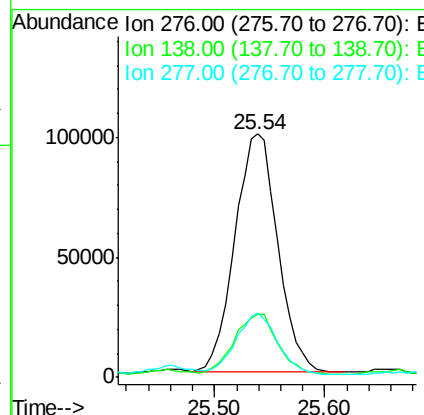
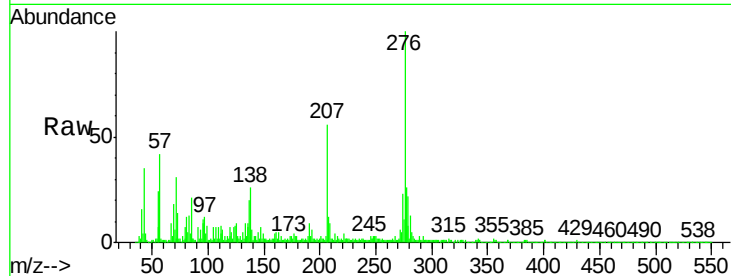
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.332 ng
RT: 25.54 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.2	27.4
277	25.7	20.2	30.2

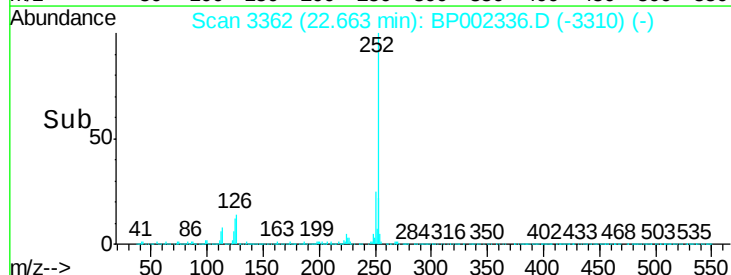
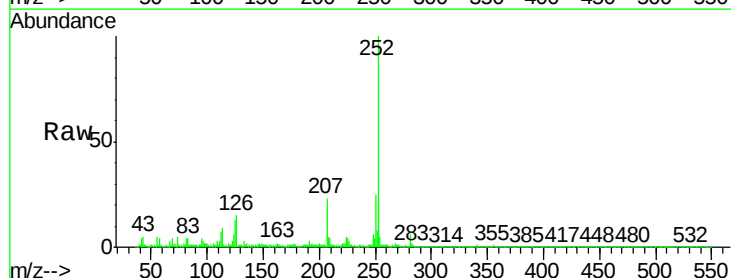
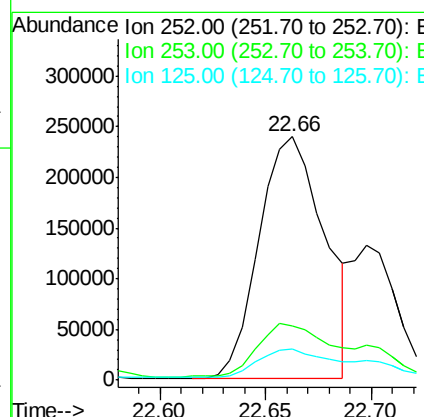
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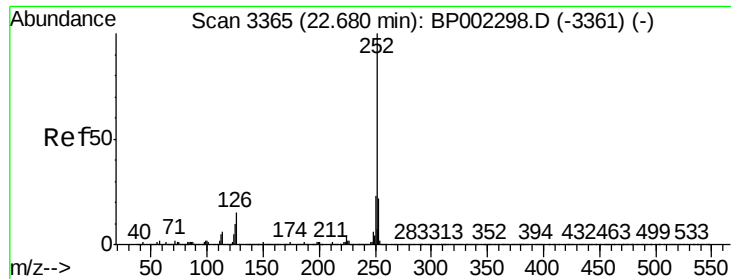
mohammad
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#88
Benzo(b)fluoranthene
Concen: 5.050 ng
RT: 22.66 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	12.6	7.2	10.8#





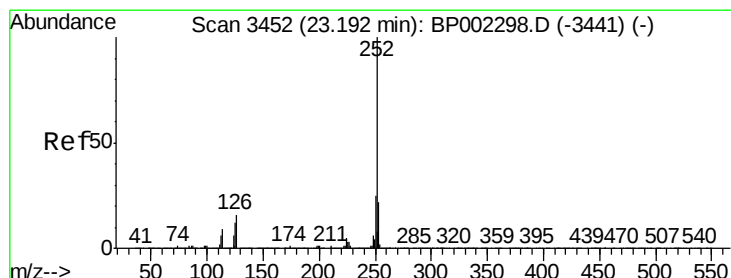
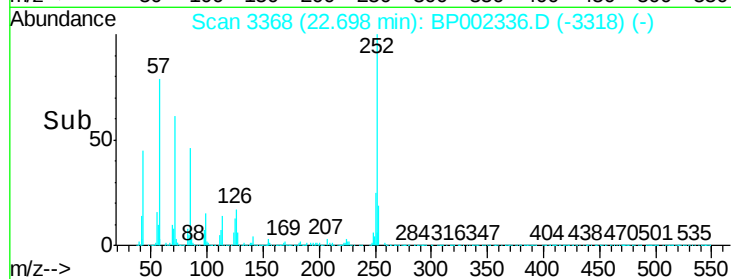
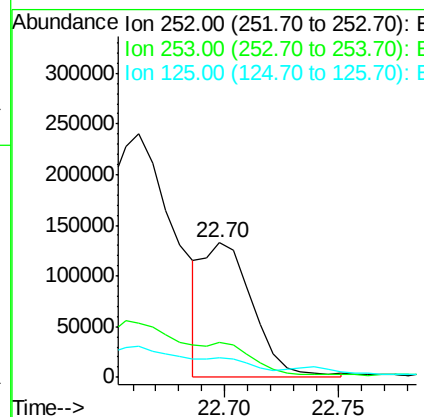
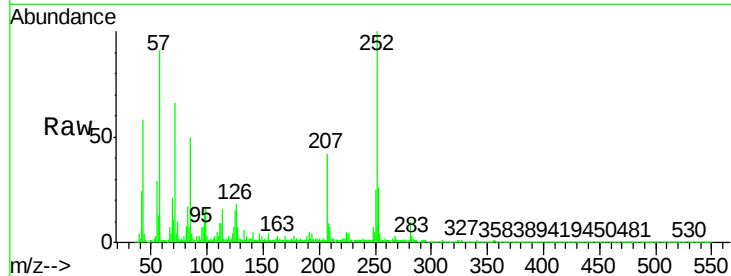
#89
Benzo(k)fluoranthene
Concen: 2.042 ng m
RT: 22.70 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.9	26.9
125	14.8	7.4	11.2

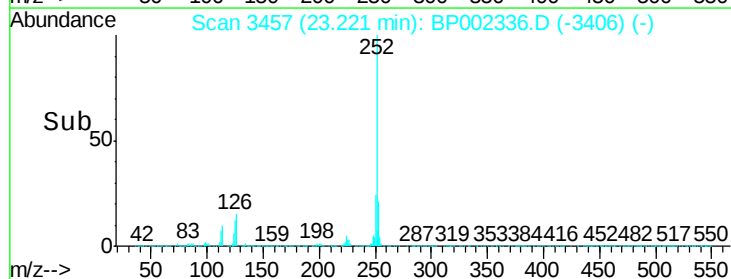
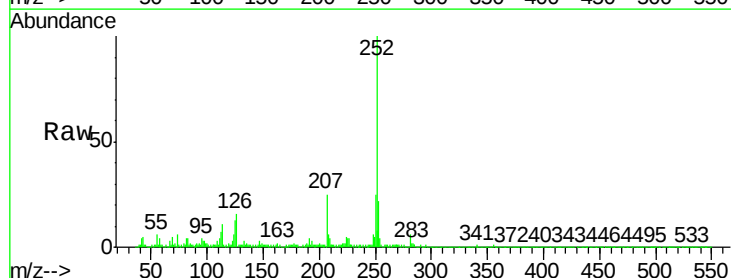
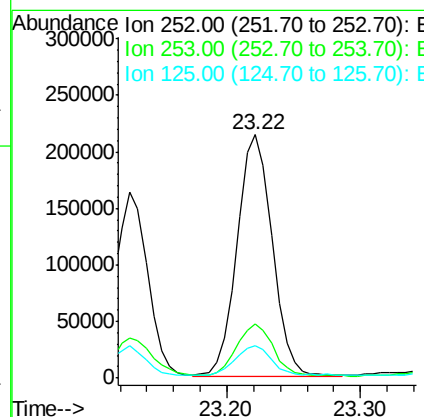
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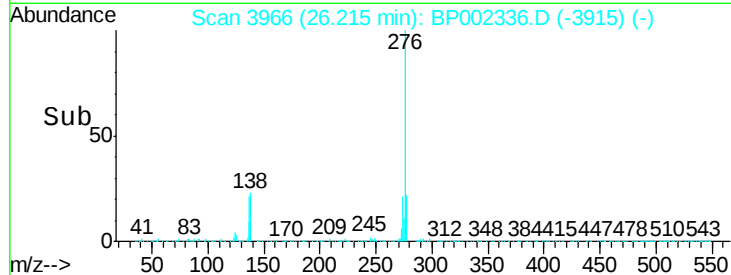
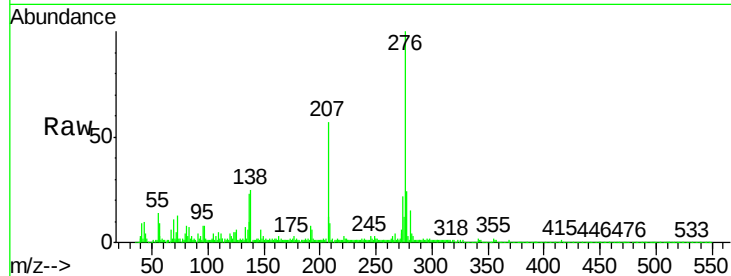
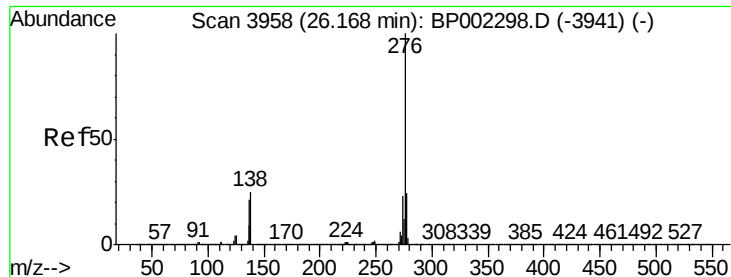
mohammad
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#90
Benzo(a)pyrene
Concen: 4.123 ng
RT: 23.22 min Scan# 3457
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	13.2	8.4	12.6





#92
 Benzo(a,h,i)perylene
 Concen: 2.967 ng
 RT: 26.22 min Scan# 3966
 Delta R.T. -0.00 min
 Lab File: BP002336.D
 Acq: 01 Jun 2020 13:29

Instrument :
 BNA_P
 ClientSampleId :
 NM25-COMP-2020-0-6

Tot Ion:	276	Resp:	286025
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.6	28.0
138	24.9	16.0	24.0

Manual Integrations
 APPROVED

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