

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
 Data File : BP002320.D
 Acq On : 29 May 2020 18:02
 Operator : CG/JU
 Sample : L2773-17 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM33-COMP-2020-0-6

Manual Integrations
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mohammad
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Quant Time: May 30 01:05:20 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	320391	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1319472	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	776980	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1614580	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1496231	20.00	ng	0.00
86) Perylene-d12	23.31	264	1514540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1352067	79.26	ng	0.00
7) Phenol-d6	6.79	99	1878729	80.96	ng	0.00
23) Nitrobenzene-d5	8.75	82	1238813	56.45	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	597406	81.13	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2604934	59.16	ng	0.00
79) Terphenyl-d14	19.59	244	3521001	56.99	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	249035	4.735	ng	99
71) Phenanthrene	17.05	178	247594	3.237	ng	99
75) Fluoranthene	19.03	202	489792	5.560	ng	99
78) Pyrene	19.38	202	469110	5.035	ng	99
80) Butylbenzylphthalate	20.28	149	111040	2.993	ng	98
81) Benzo(a)anthracene	21.09	228	248700	2.904	ng	99
83) Chrysene	21.14	228	213752	2.600	ng	97
88) Benzo(b)fluoranthene	22.65	252	299768m	3.630	ng	
90) Benzo(a)pyrene	23.21	252	223216	2.914	ng	# 96
92) Benzo(g,h,i)perylene	26.20	276	161648	2.073	ng	# 94

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

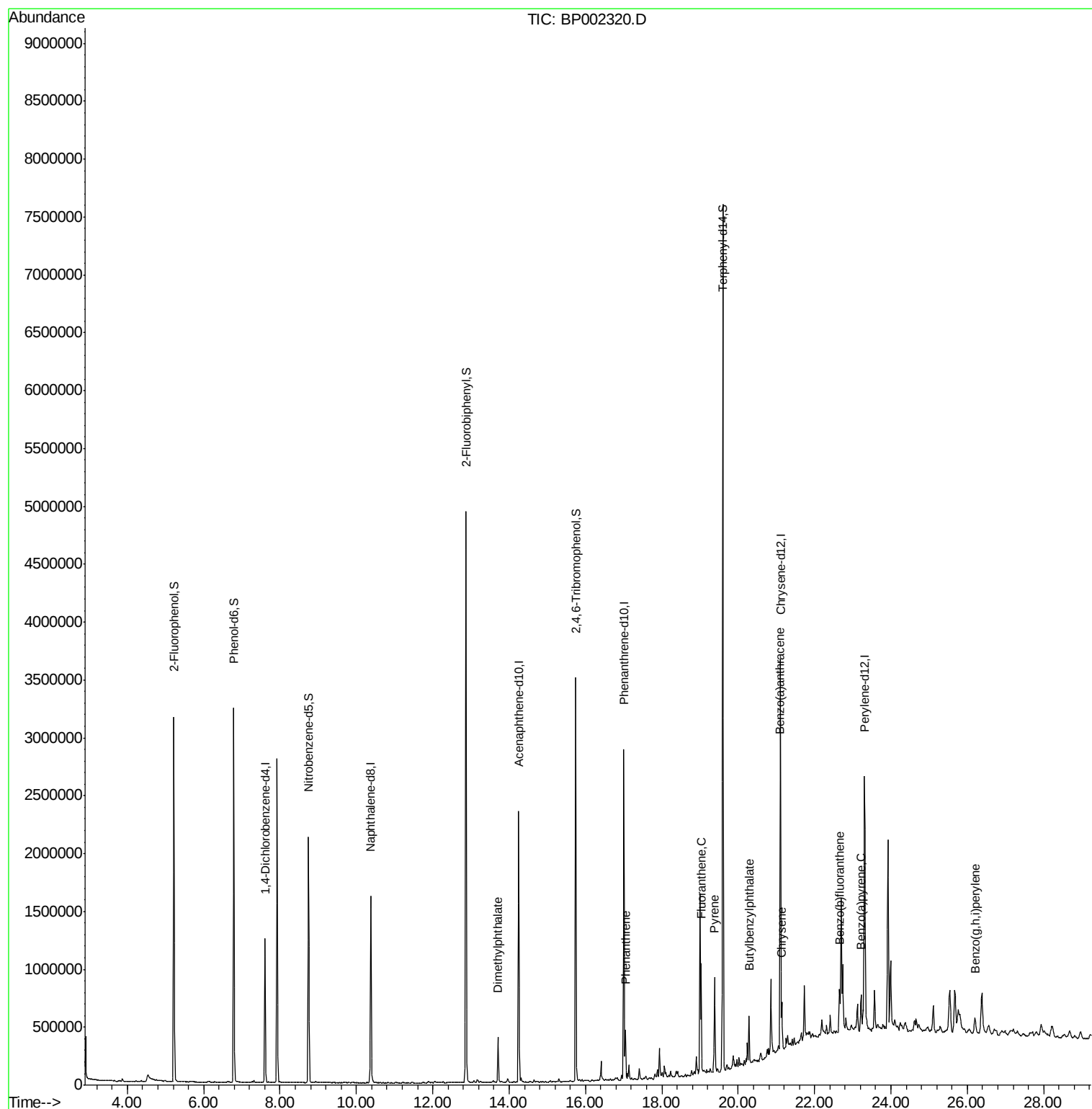
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Data File : BP002320.D
Acq On : 29 May 2020 18:02
Operator : CG/JU
Sample : L2773-17 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

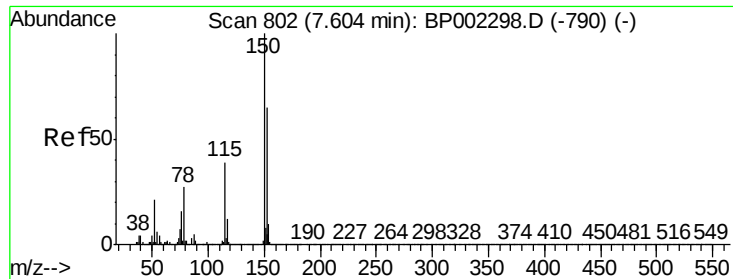
Instrument :
BNA_P
ClientSampleId :
NM33-COMP-2020-0-6

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#1

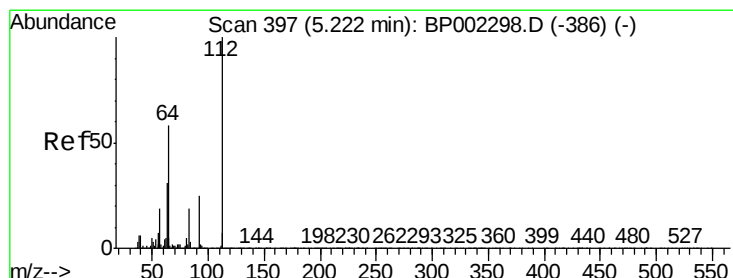
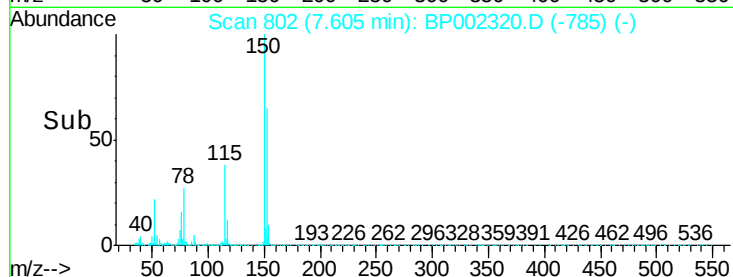
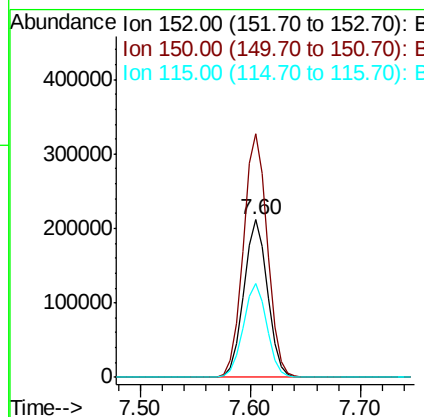
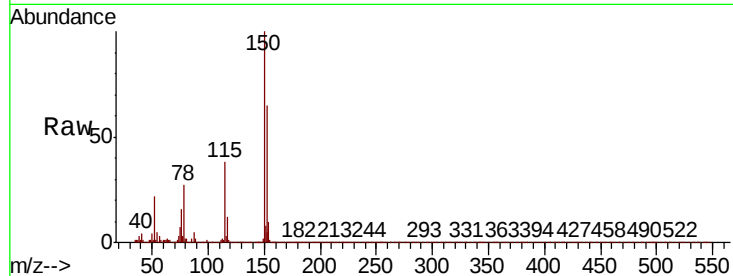
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. 0.00 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Instrument :
BNA_P
ClientSampleId :
NM33-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.7	187.1
115	59.3	49.4	74.2

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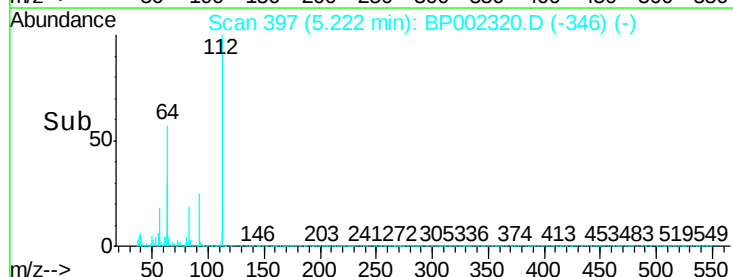
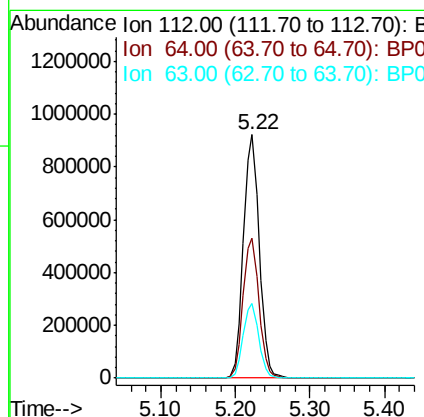
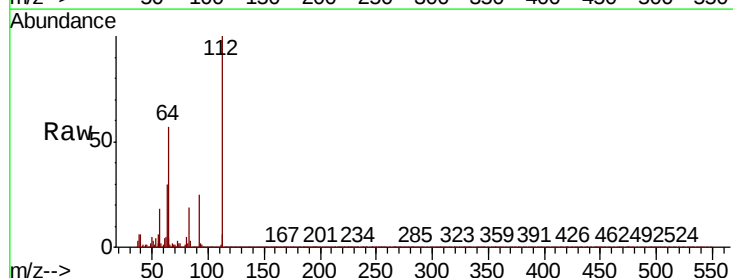
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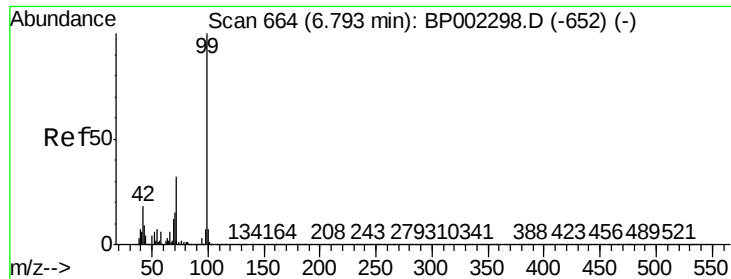


#5

2-Fluorophenol
Concen: 79.258 ng
RT: 5.22 min Scan# 397
Delta R.T. 0.00 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.0	70.4
63	30.4	24.0	36.0





#7

Phenol-d6

Concen: 80.959 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.01 min

Lab File: BP002320.D

Acq: 29 May 2020 18:02

Instrument :

BNA_P

ClientSampleId :

NM33-COMP-2020-0-6

Tot Ion: 99 Resp: 1878729

Ion Ratio Lower Upper

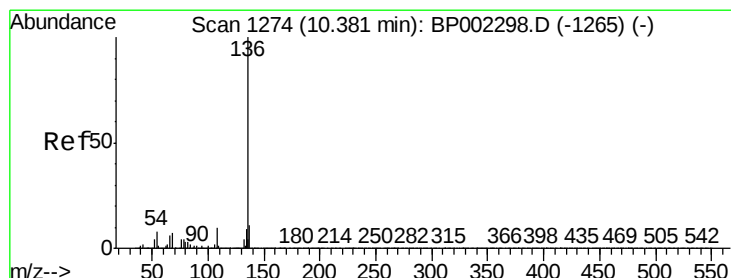
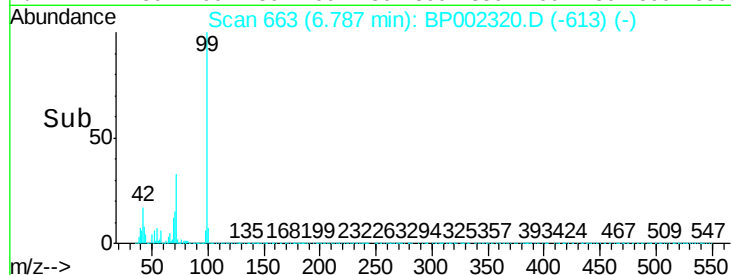
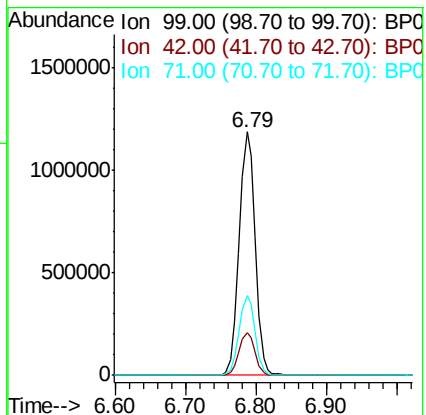
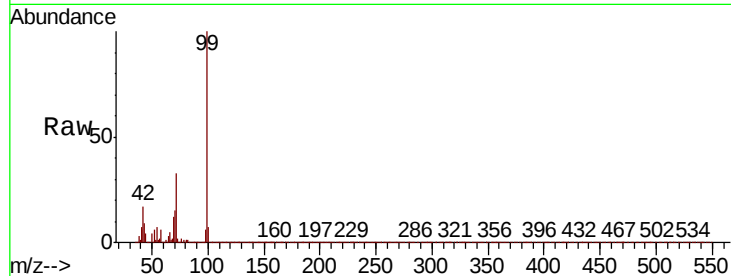
99 100

42 17.4 13.9 20.9

71 32.6 25.8 38.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BP002320.D

Acq: 29 May 2020 18:02

Tgt Ion: 136 Resp: 1319472

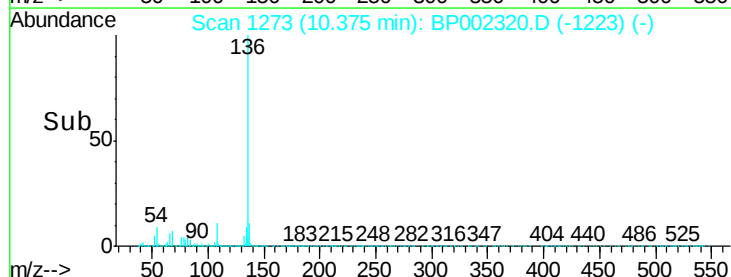
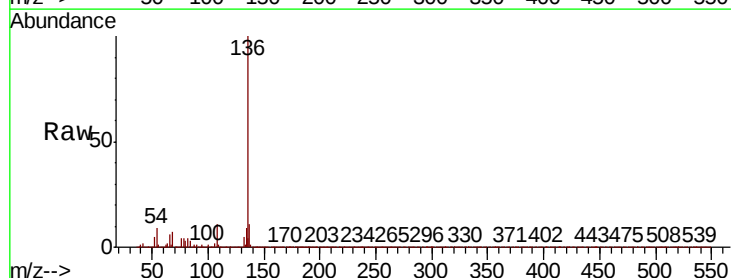
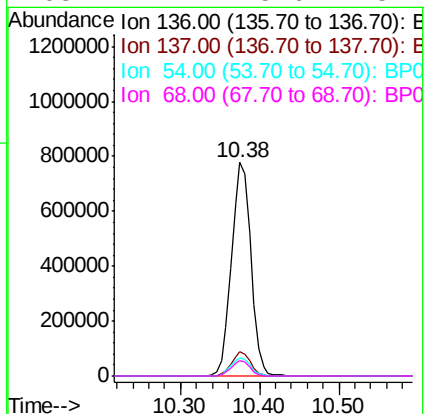
Ion Ratio Lower Upper

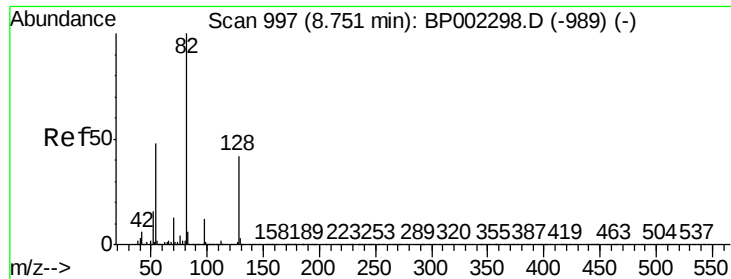
136 100

137 11.1 8.8 13.2

54 8.6 6.9 10.3

68 7.1 5.6 8.4





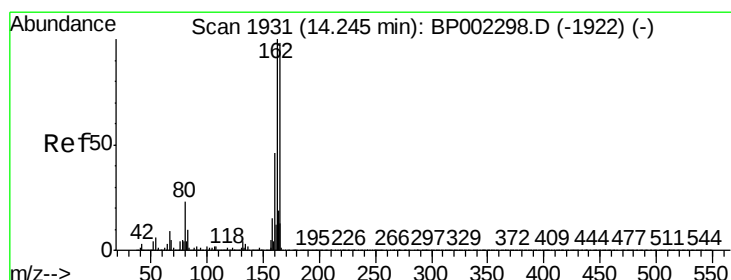
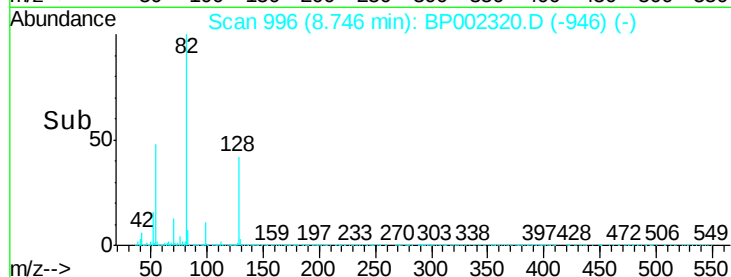
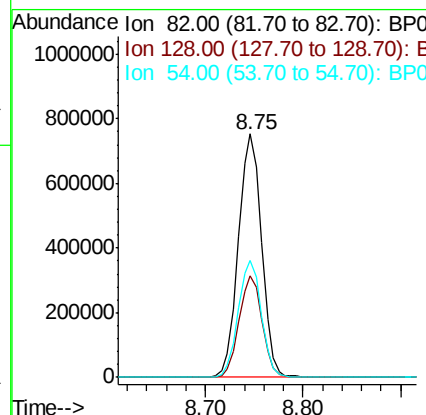
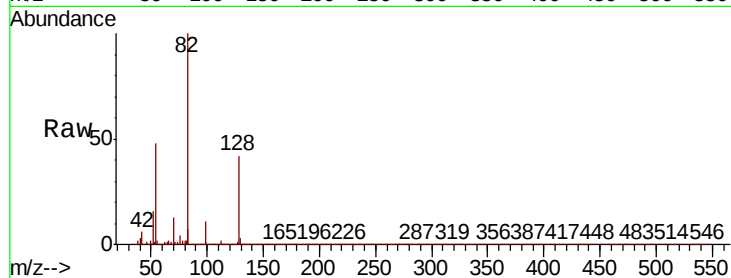
#23
Nitrobenzene-d5
Concen: 56.447 ng
RT: 8.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Instrument :
BNA_P
ClientSampleId :
NM33-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.4	50.0
54	47.8	38.3	57.5

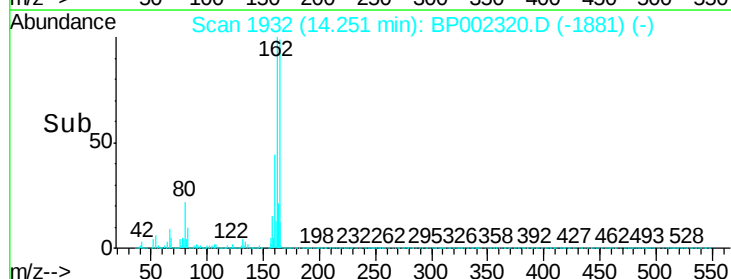
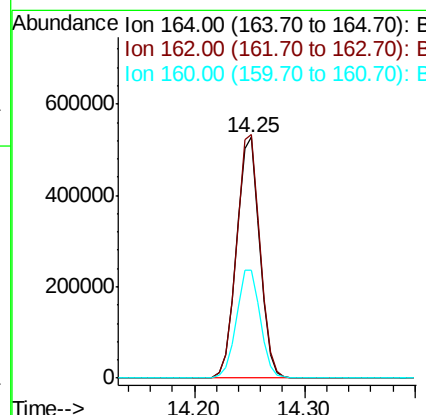
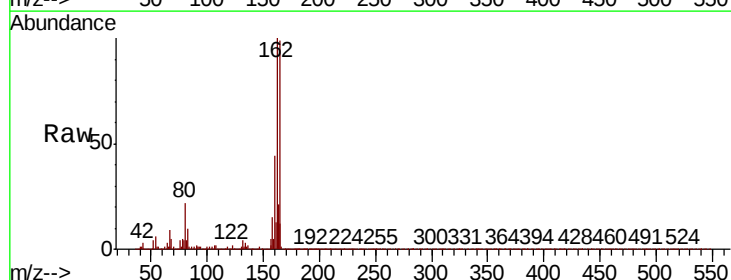
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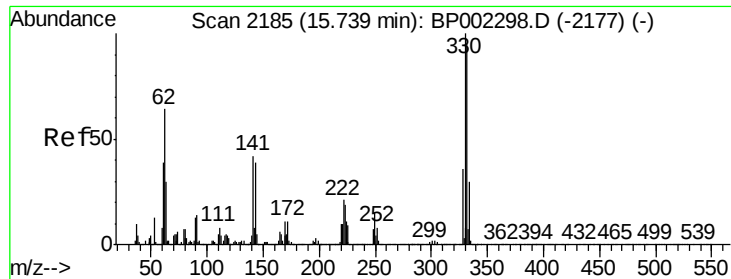
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.3	121.9
160	44.7	37.2	55.8





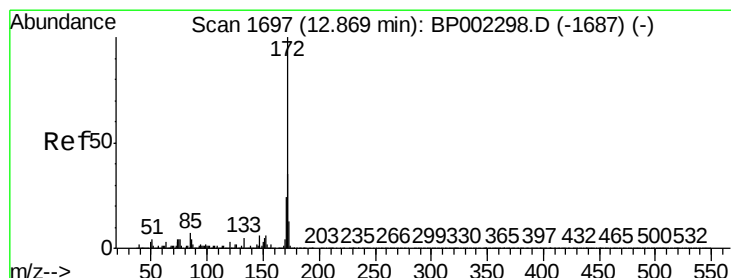
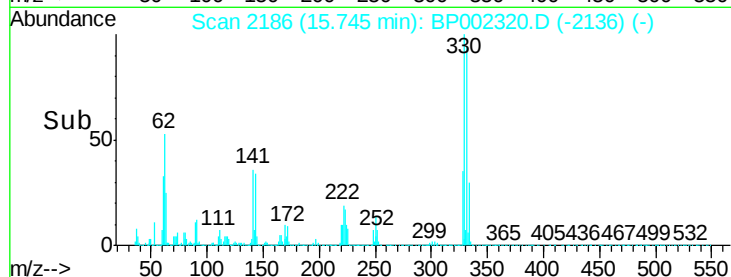
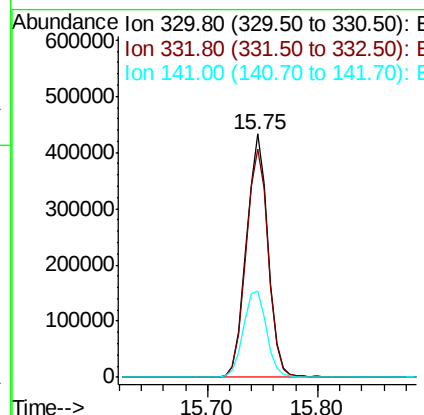
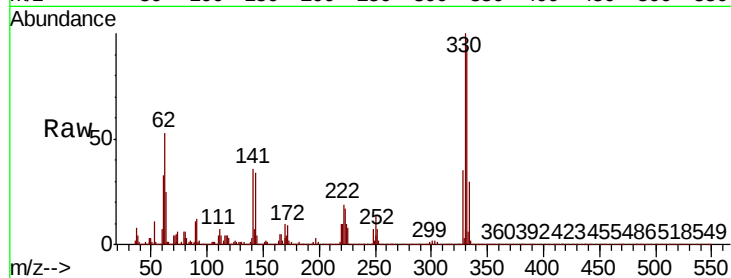
#42
2,4,6-Tribromophenol
Concen: 81.127 ng
RT: 15.75 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Instrument :
BNA_P
ClientSampleId :
NM33-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	597406		
332	96.9	76.9	115.3	
141	37.9	31.4	47.2	

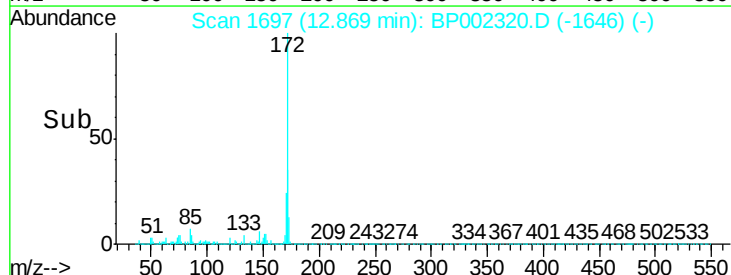
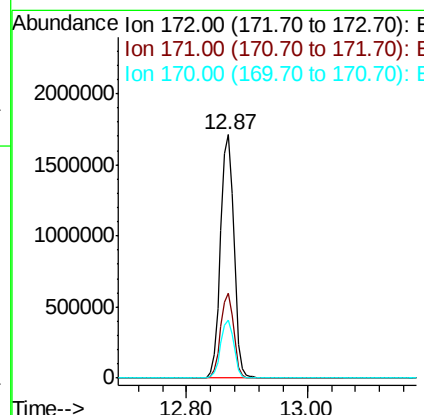
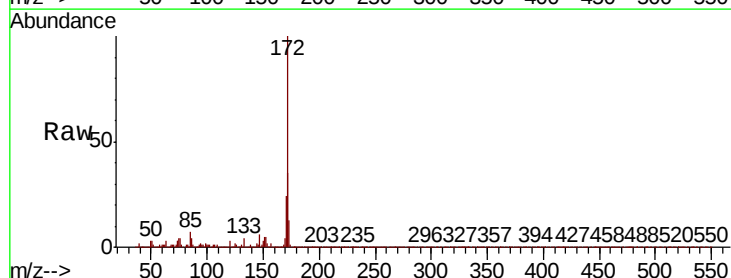
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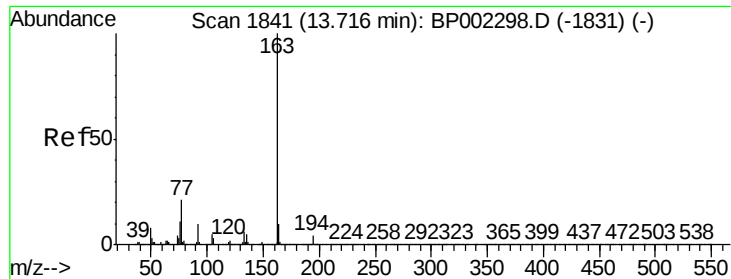
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#45
2-Fluorobiphenyl
Concen: 59.159 ng
RT: 12.87 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2604934		
171	34.7	27.6	41.4	
170	23.6	18.9	28.3	





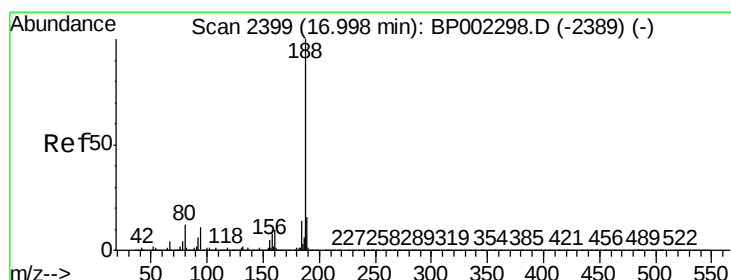
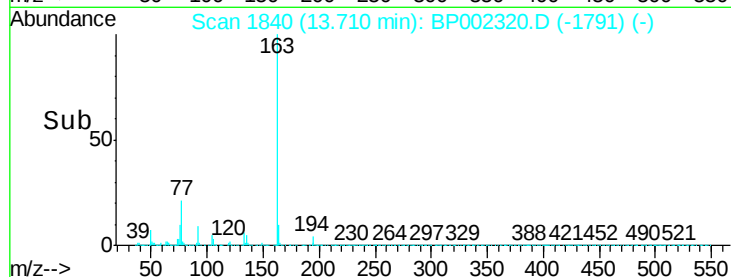
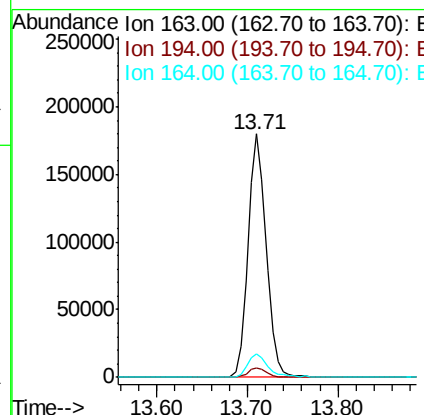
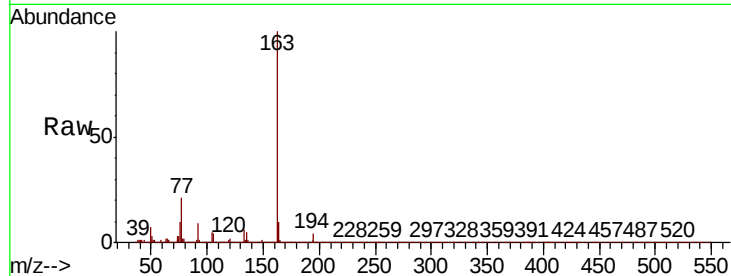
#50
Dimethylphthalate
Concen: 4.735 ng
RT: 13.71 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Instrument :
BNA_P
ClientSampleId :
NM33-COMP-2020-0-6

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.8	8.1	12.1

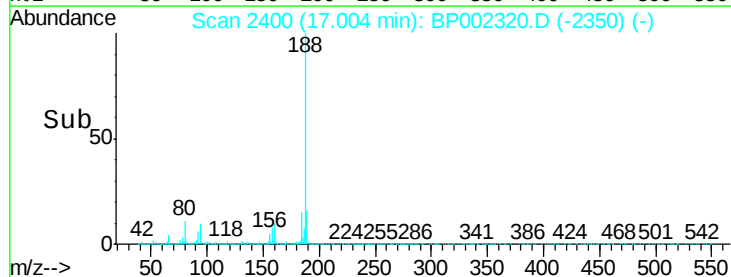
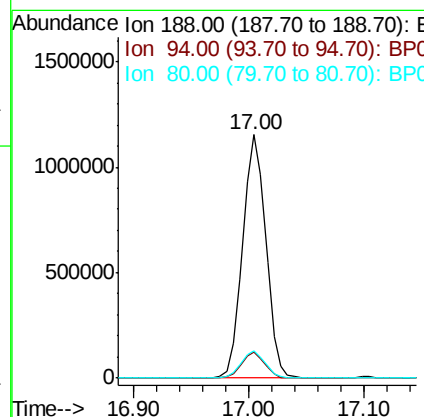
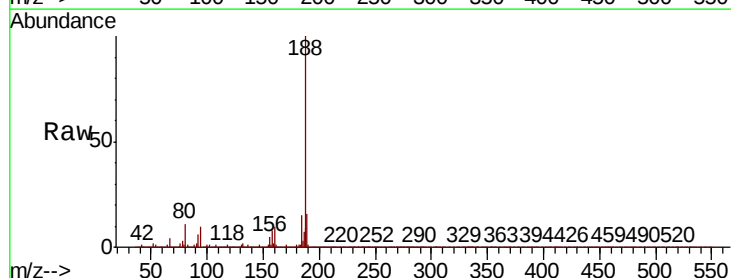
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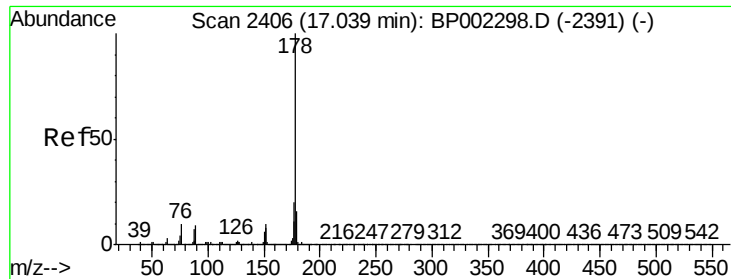
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	8.7	13.1
80	11.2	9.3	13.9





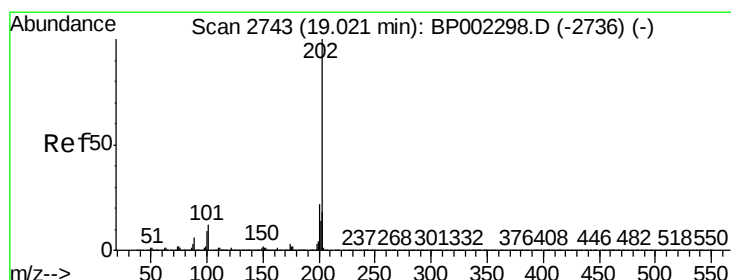
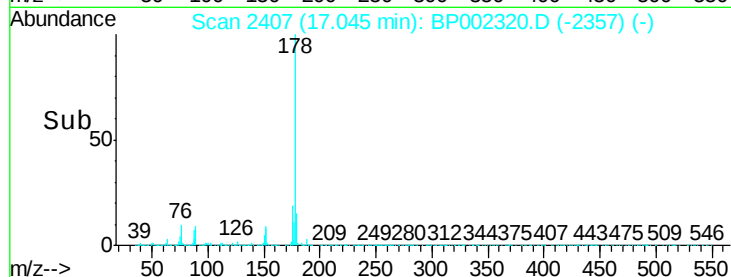
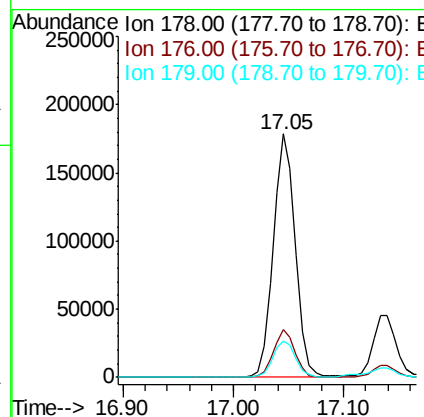
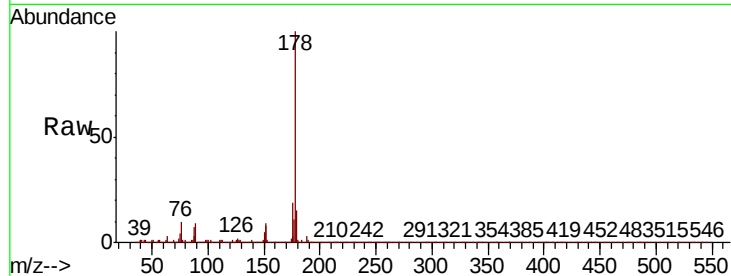
#71
Phenanthrene
Concen: 3.237 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Instrument :
BNA_P
ClientSampleId :
NM33-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.0	12.6	18.8

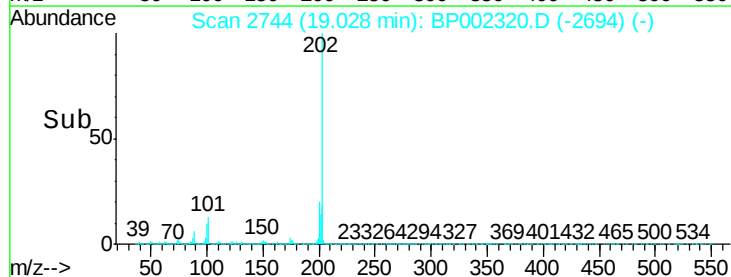
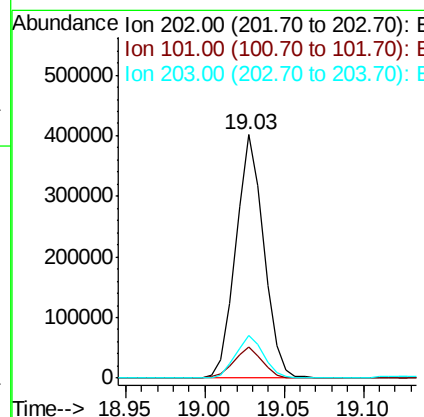
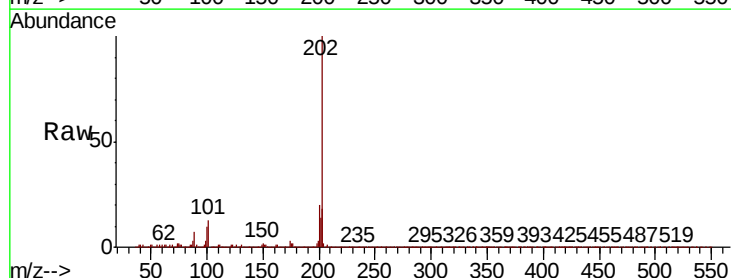
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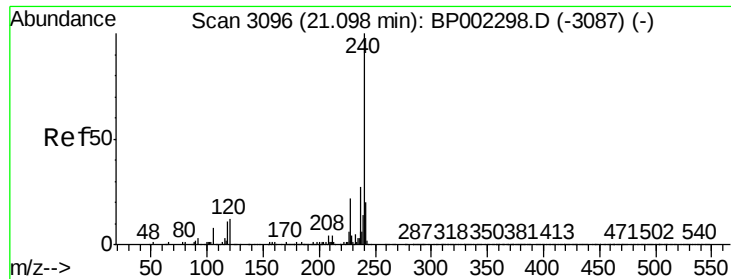
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#75
Fluoranthene
Concen: 5.560 ng
RT: 19.03 min Scan# 2744
Delta R.T. -0.01 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.1
203	17.6	0.0	37.6





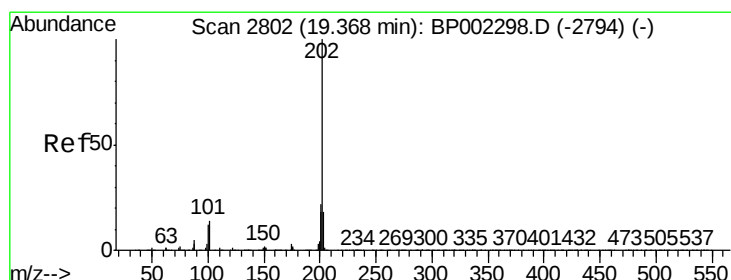
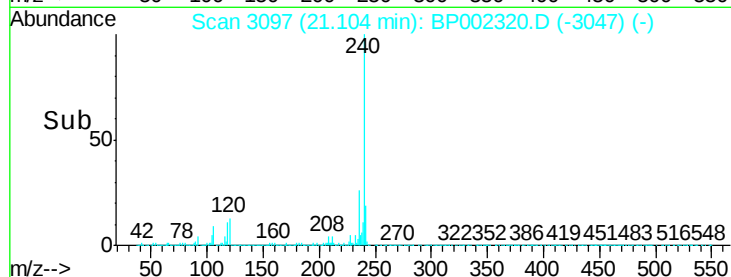
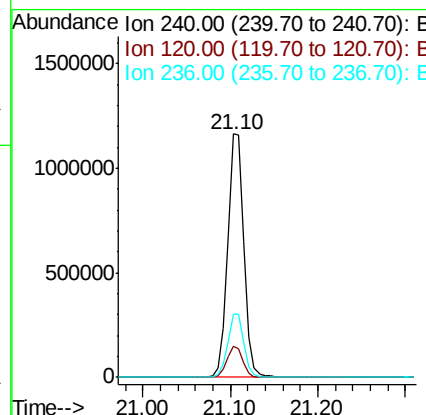
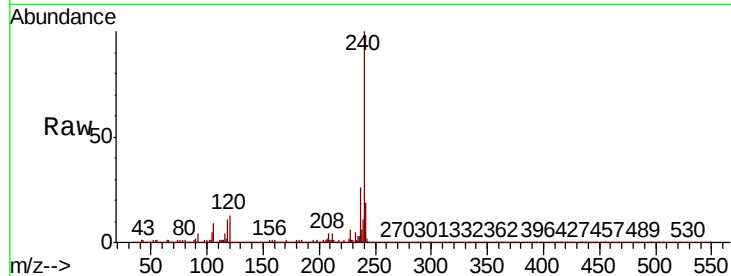
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Instrument :
BNA_P
ClientSampleId :
NM33-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.7	13.1
236	25.8	21.0	31.4

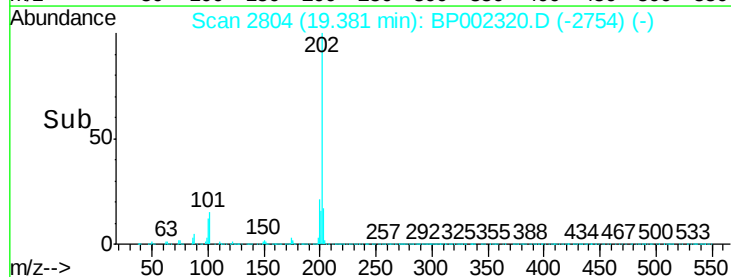
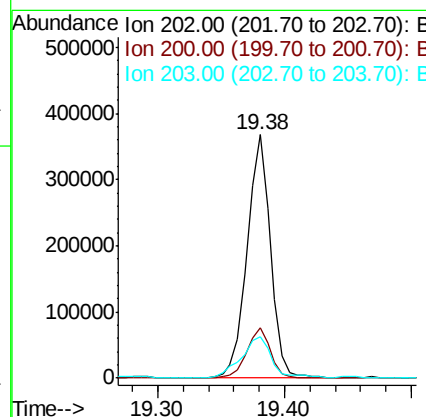
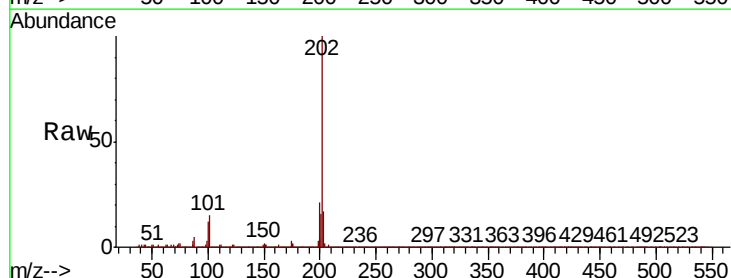
Manual Integrations
APPROVED

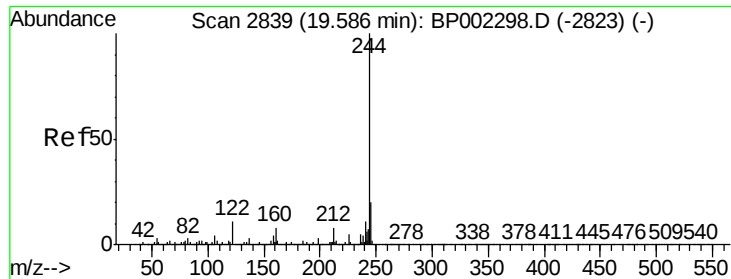
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#78
Pyrene
Concen: 5.035 ng
RT: 19.38 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.3	25.9
203	16.8	13.8	20.6





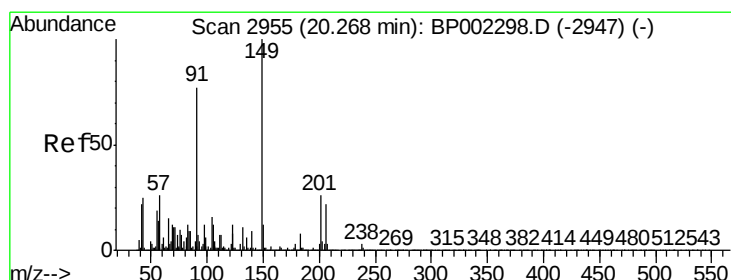
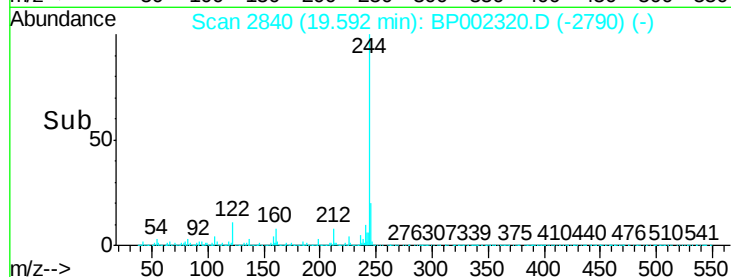
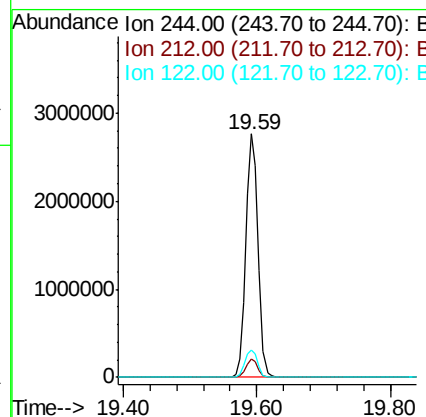
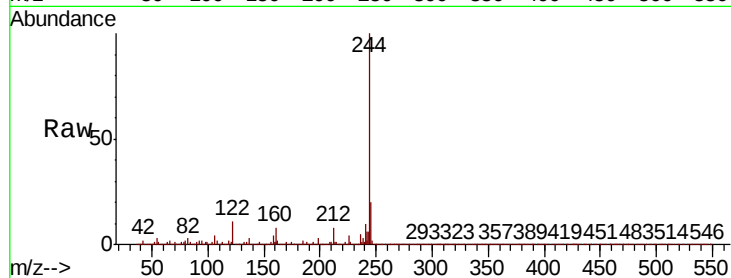
#79
 Terphenyl-d14
 Concen: 56.989 ng
 RT: 19.59 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BP002320.D
 Acq: 29 May 2020 18:02

Instrument :
 BNA_P
 ClientSampleId :
 NM33-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	11.4	9.4	14.0

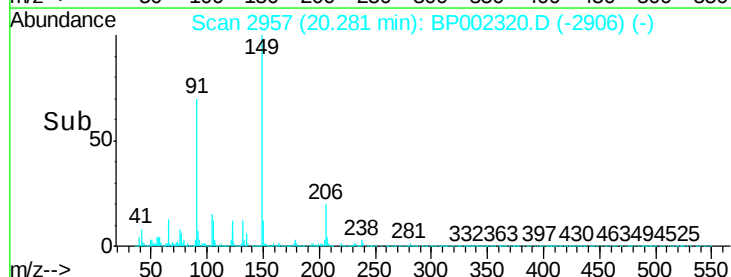
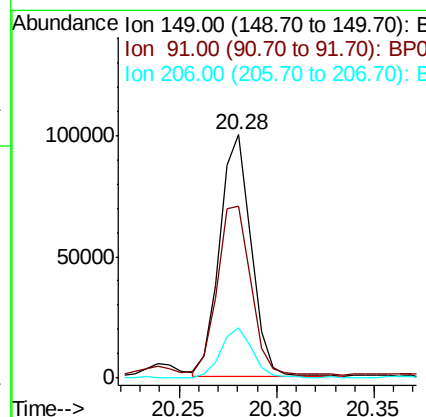
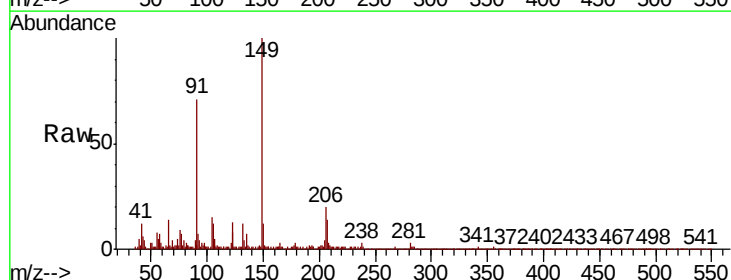
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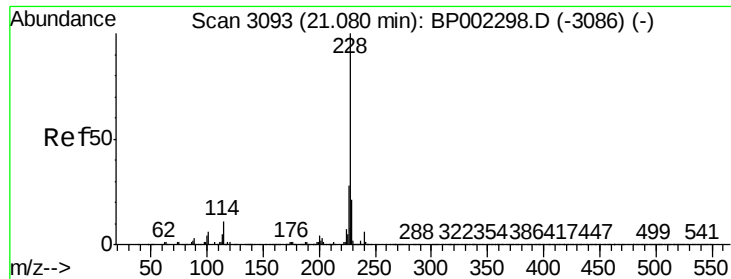
mohammad
 6/1/2020 12:24:24 PM



#80
 Butylbenzylphthalate
 Concen: 2.993 ng
 RT: 20.28 min Scan# 2957
 Delta R.T. 0.00 min
 Lab File: BP002320.D
 Acq: 29 May 2020 18:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.8	56.6	84.8
206	20.4	18.7	28.1





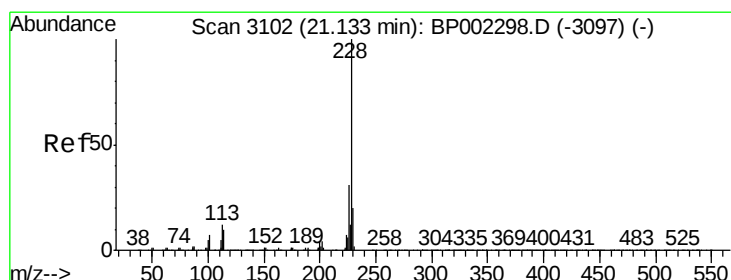
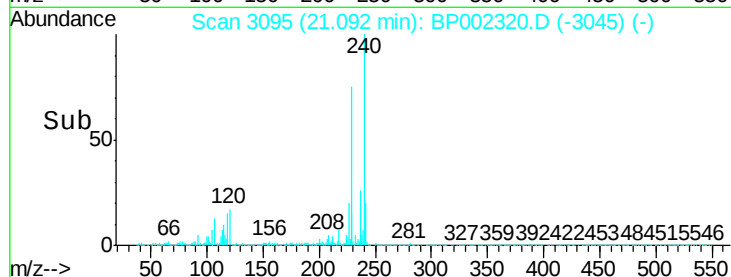
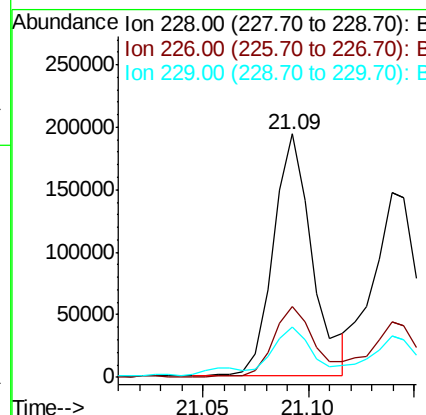
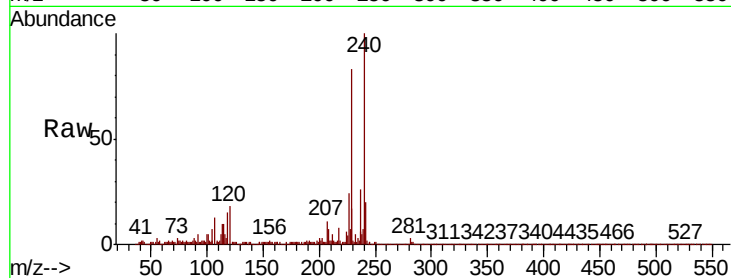
#81
Benzo(a)anthracene
Concen: 2.904 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Instrument :
BNA_P
ClientSampleId :
NM33-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	20.8	16.3	24.5

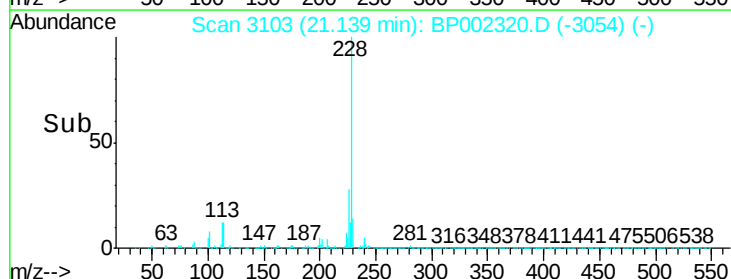
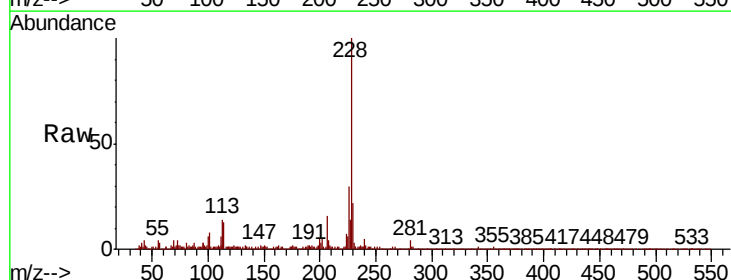
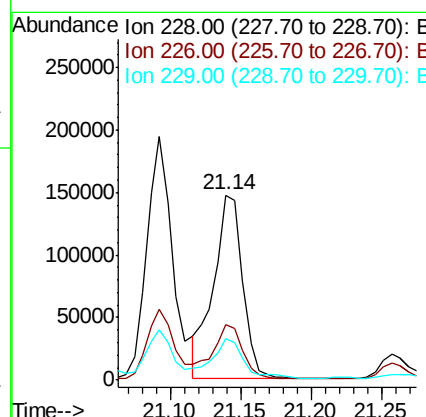
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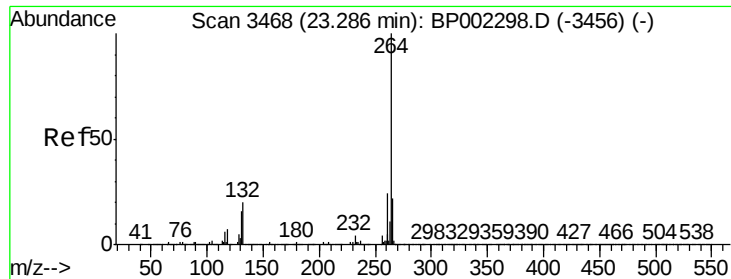
mohammad
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#83
Chrysene
Concen: 2.600 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	22.3	16.2	24.4





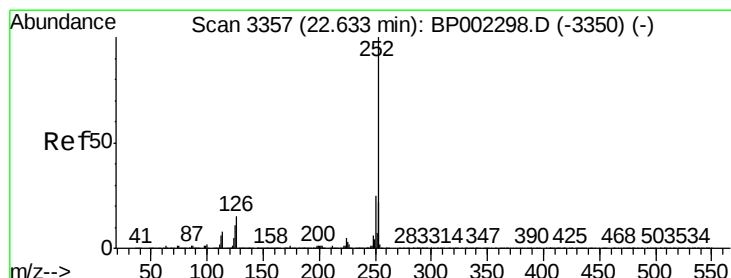
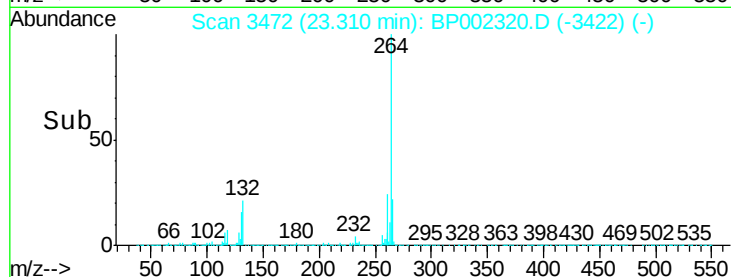
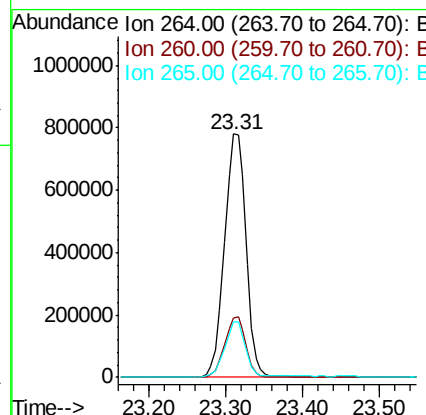
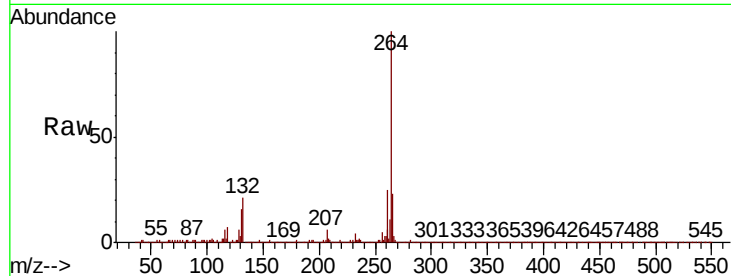
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Instrument :
BNA_P
ClientSampleId :
NM33-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.6	17.8	26.6

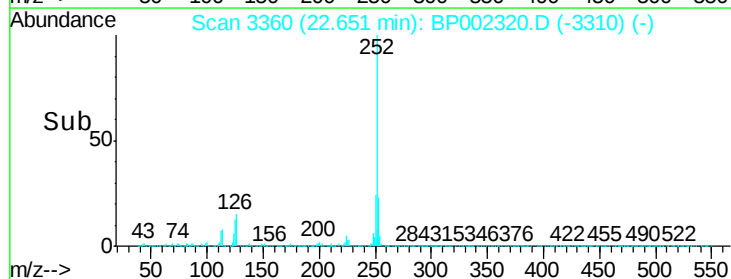
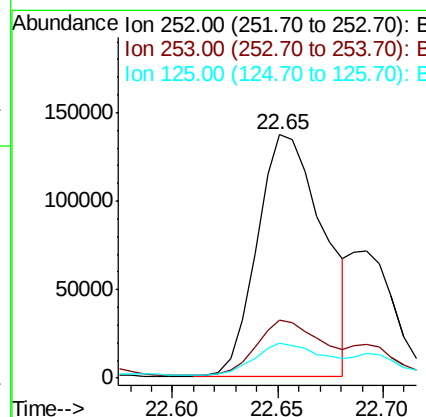
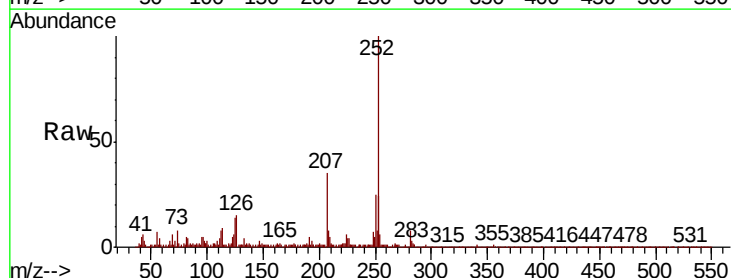
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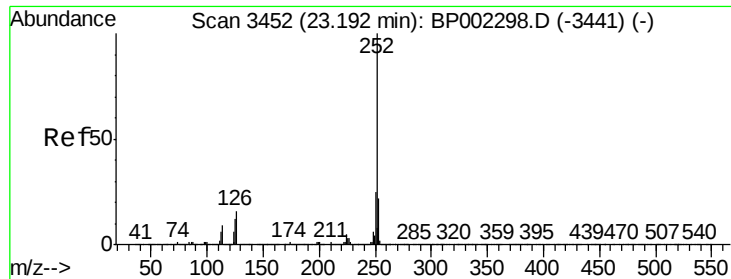
mohammad
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#88
Benzo(b)fluoranthene
Concen: 3.630 ng m
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	14.2	7.2	10.8





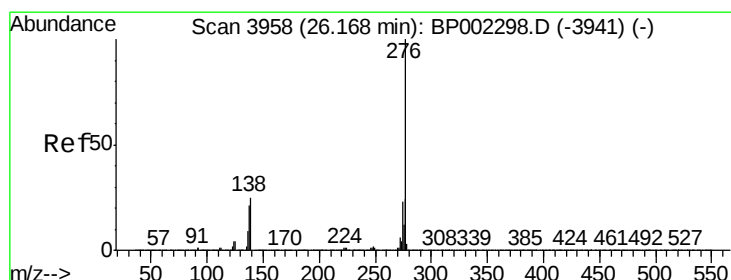
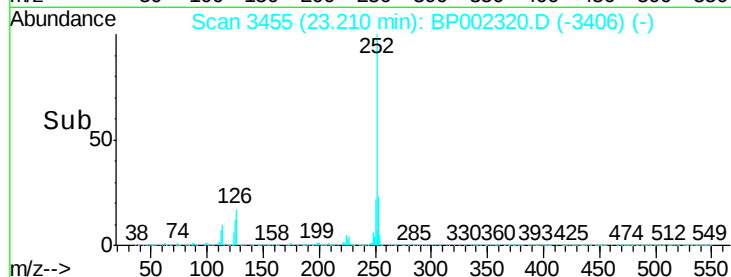
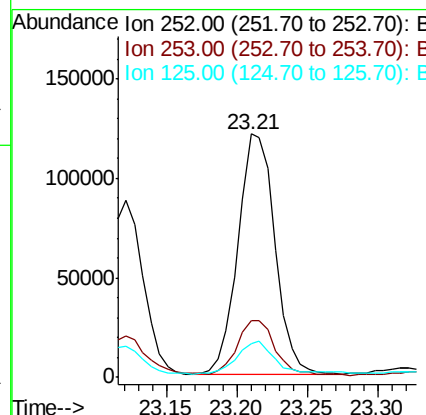
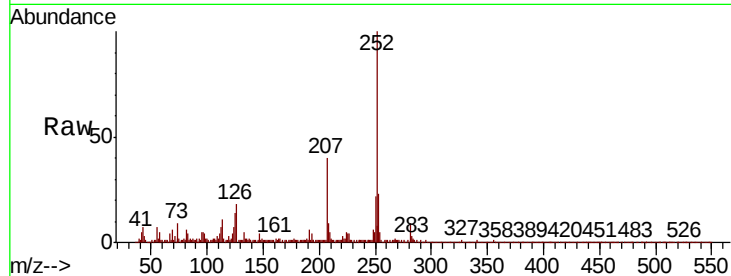
#90
Benzo(a)pyrene
Concen: 2.914 ng
RT: 23.21 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Instrument :
BNA_P
ClientSampleId :
NM33-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	14.0	8.4	12.6

Manual Integrations
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6/1/2020 12:24:24 PM



#92
Benzo(g,h,i)perylene
Concen: 2.073 ng
RT: 26.20 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BP002320.D
Acq: 29 May 2020 18:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	24.9	16.0	24.0

