

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
 Data File : BP003028.D
 Acq On : 18 Aug 2020 21:22
 Operator : CG/JU
 Sample : L3712-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VB-27207

Manual Integrations
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Quant Time: Aug 19 10:36:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	382806	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1331875	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	858130	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1365627	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1487386	20.00	ng	0.00
86) Perylene-d12	23.41	264	1577036	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1669989	66.77	ng	0.00
7) Phenol-d6	6.86	99	2000497	57.61	ng	0.00
23) Nitrobenzene-d5	8.83	82	1158277	47.10	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	745406	69.89	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	2977855	47.41	ng	0.00
79) Terphenyl-d14	19.66	244	3136508	42.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.78	163	393747	5.867	ng	99
70) Pentachlorophenol	16.73	266	481635	48.332	ng	100
71) Phenanthrene	17.12	178	377898	4.719	ng	# 76
75) Fluoranthene	19.10	202	1299326	14.083	ng	97
78) Pyrene	19.45	202	1180766	11.356	ng	98
81) Benzo(a)anthracene	21.15	228	640651	6.323	ng	99
83) Chrysene	21.20	228	763403	7.988	ng	98
87) Indeno(1,2,3-cd)pyrene	25.69	276	642744	5.089	ng	95
88) Benzo(b)fluoranthene	22.74	252	1137148m	10.218	ng	
89) Benzo(k)fluoranthene	22.77	252	421307m	4.005	ng	
90) Benzo(a)pyrene	23.31	252	681936	6.782	ng	99
92) Benzo(a,h,i)perylene	26.39	276	616069	5.927	ng	98

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

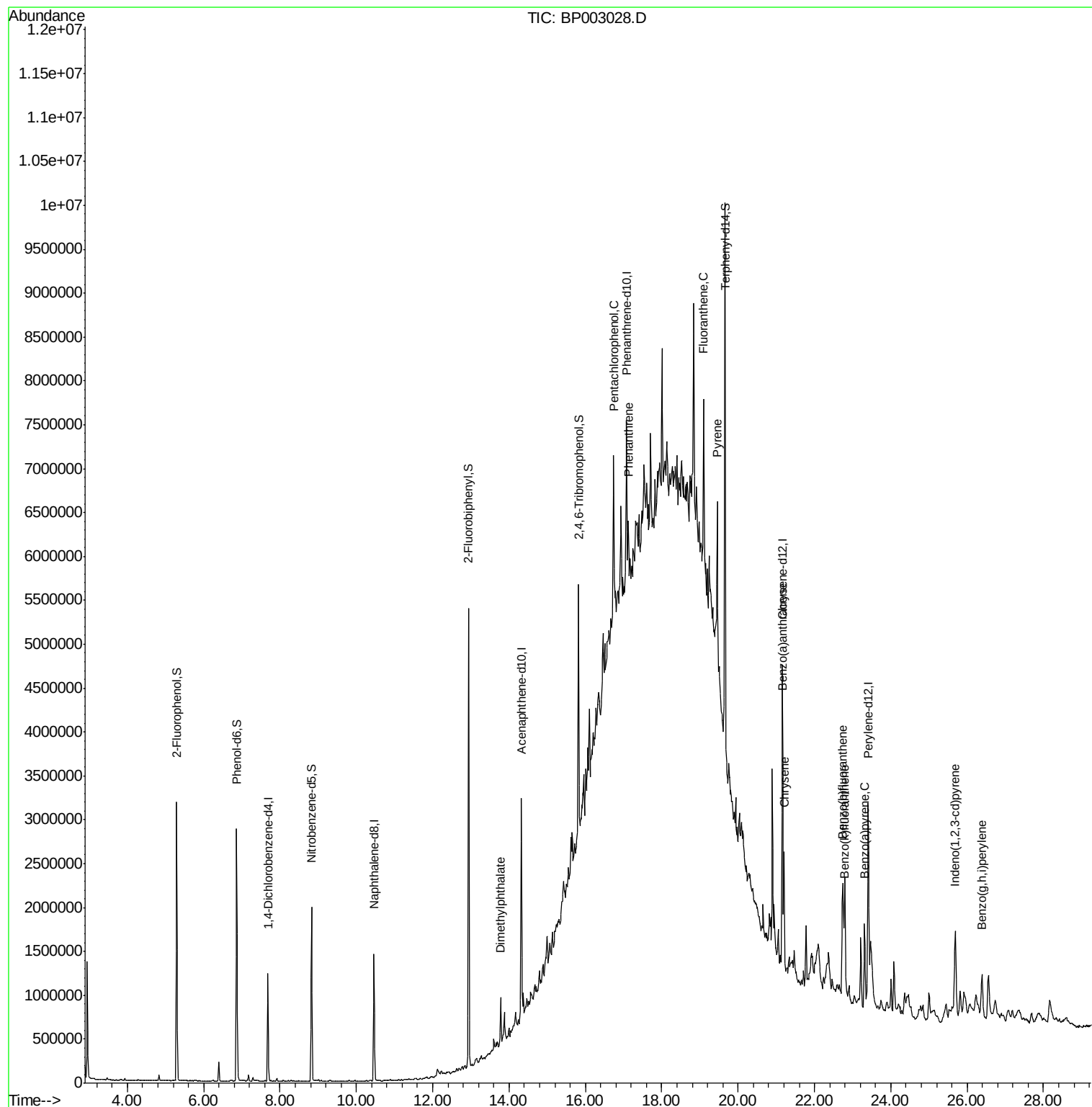
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
Data File : BP003028.D
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ALS Vial : 18 Sample Multiplier: 1

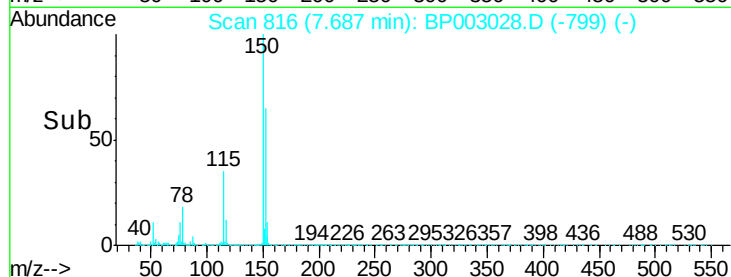
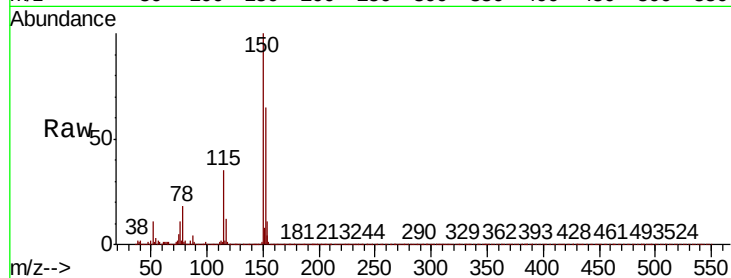
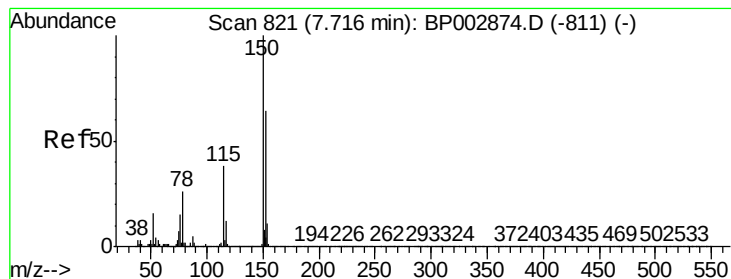
Instrument :
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ClientSampleID :
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Quant Time: Aug 19 10:36:50 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.69 min Scan# 816

Delta R.T. -0.00 min

Lab File: BP003028.D

Acq: 18 Aug 2020 21:22

Tot Ion	152	Resp	382806
Ion Ratio	Lower	Upper	
152	100		
150	152.9	126.1	189.1
115	53.6	43.4	65.2

Instrument :

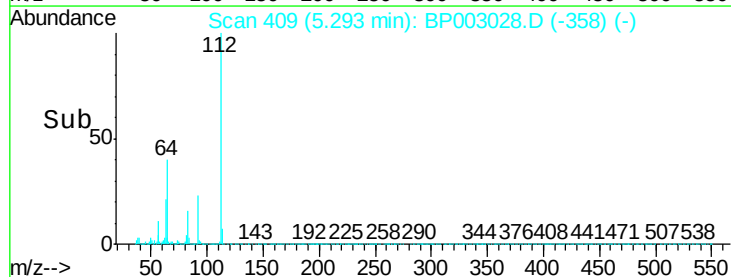
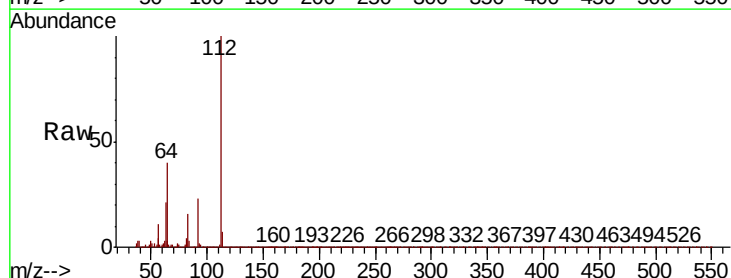
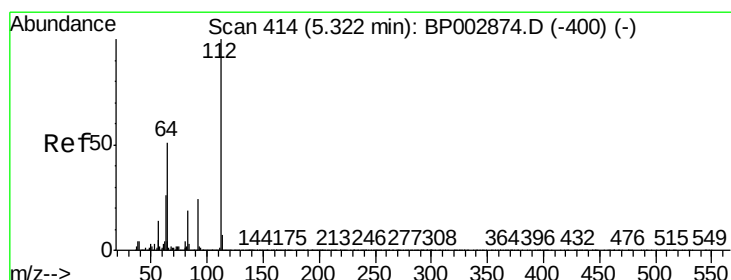
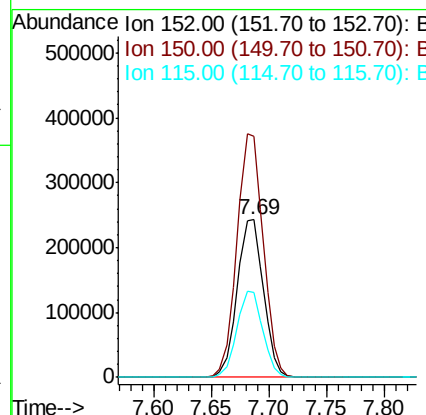
BNA_P

ClientSampleId :

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#5

2-Fluorophenol

Concen: 66.768 ng

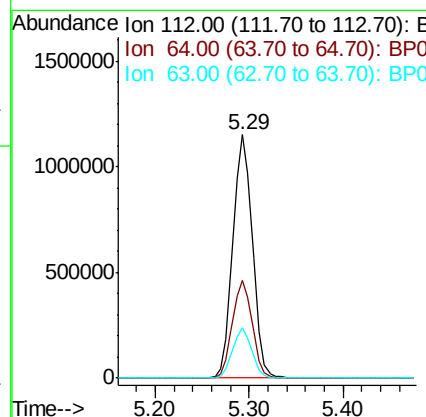
RT: 5.29 min Scan# 409

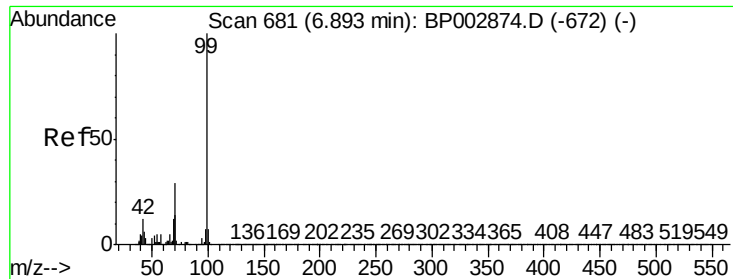
Delta R.T. -0.00 min

Lab File: BP003028.D

Acq: 18 Aug 2020 21:22

Tgt Ion	112	Resp	1669989
Ion Ratio	Lower	Upper	
112	100		
64	40.0	33.4	50.2
63	20.6	17.4	26.0





#7

Phenol-d6

Concen: 57.608 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003028.D

Acq: 18 Aug 2020 21:22

Instrument :

BNA_P

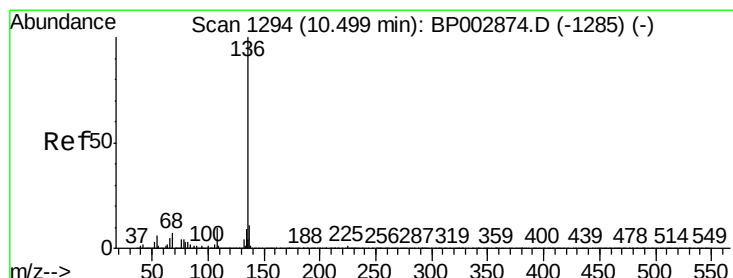
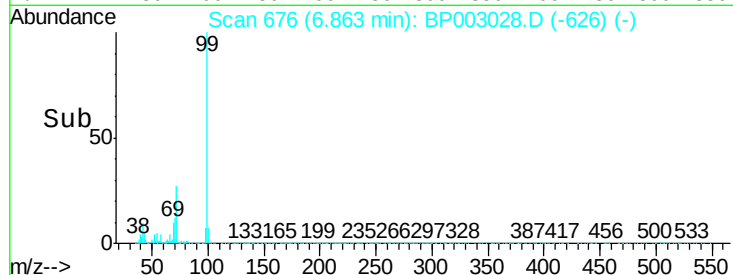
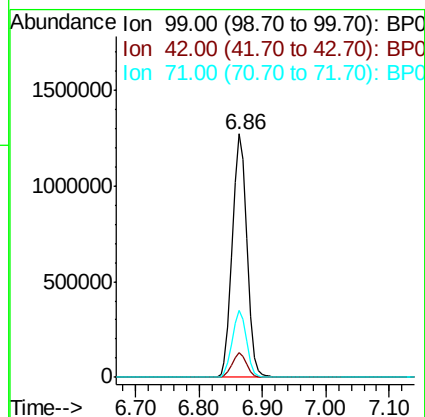
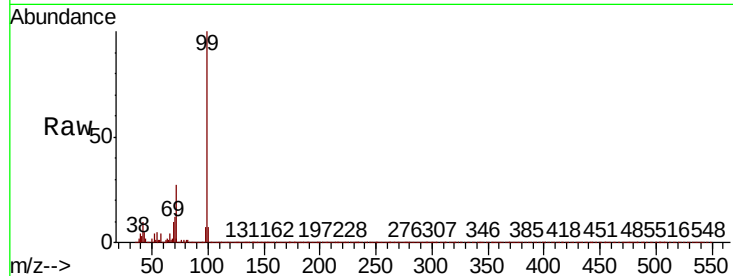
ClientSampleId :

VB-27207

Tot Ion:	99	Resp:	2000497
Ion	Ratio	Lower	Upper
99	100		
42	10.0	8.0	12.0
71	27.4	21.3	31.9

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#21

Naphthalene-d8

Concen: 20.000 ng

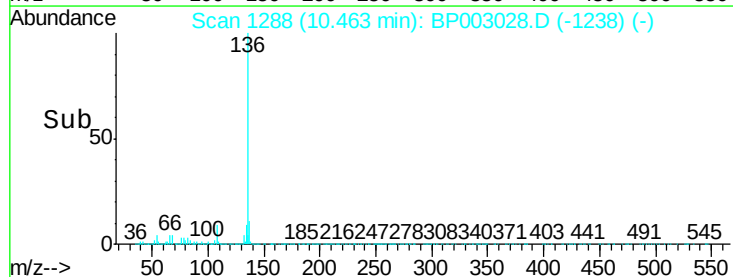
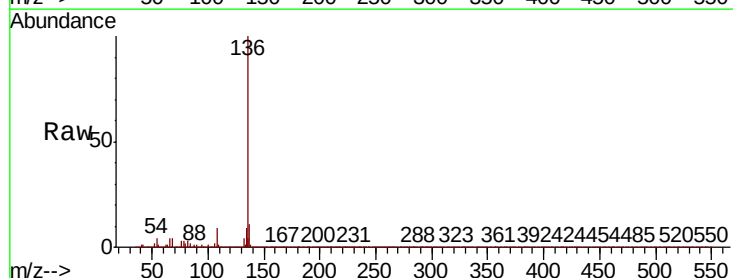
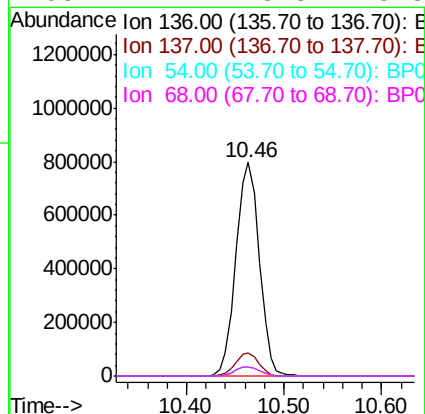
RT: 10.46 min Scan# 1288

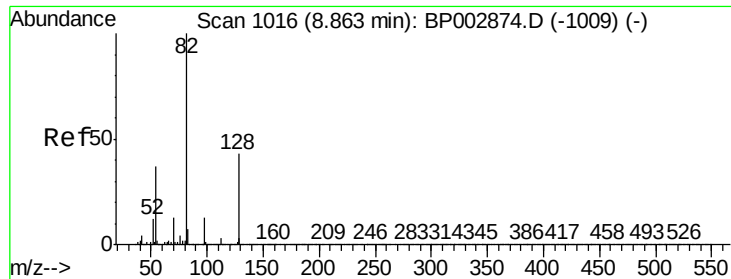
Delta R.T. -0.01 min

Lab File: BP003028.D

Acq: 18 Aug 2020 21:22

Tgt Ion:	136	Resp:	1331875
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.5	3.8	5.8
68	4.4	3.8	5.8





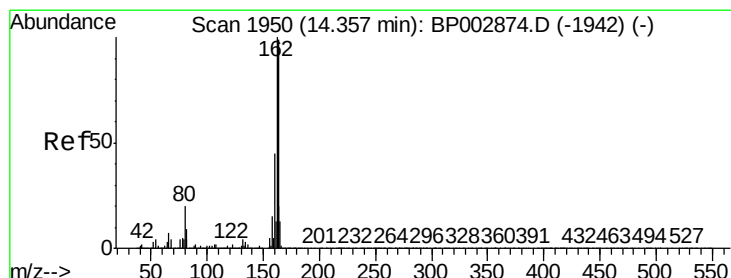
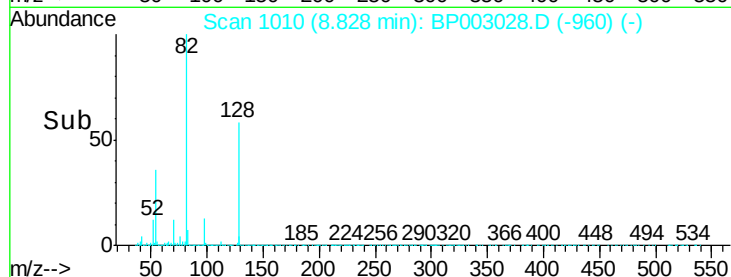
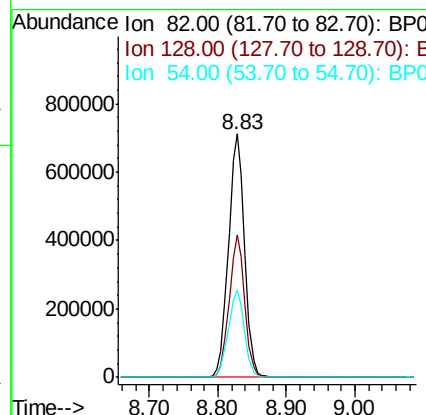
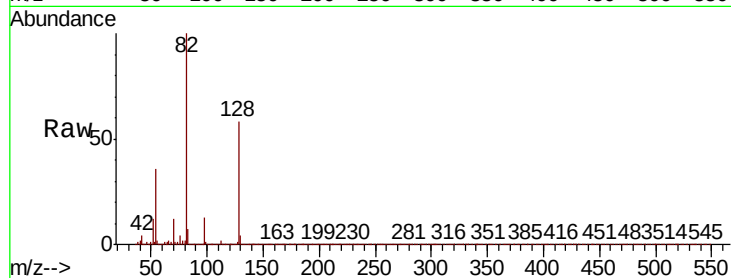
#23
Nitrobenzene-d5
Concen: 47.103 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	58.3	45.1	67.7
54	35.9	28.8	43.2

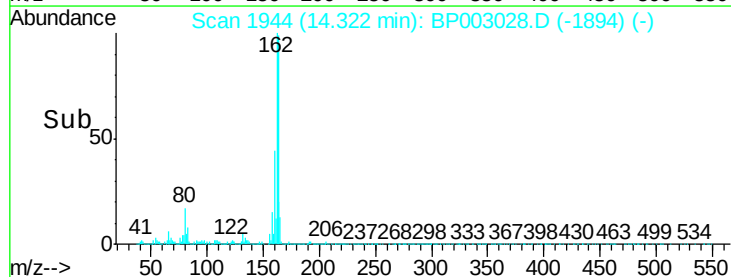
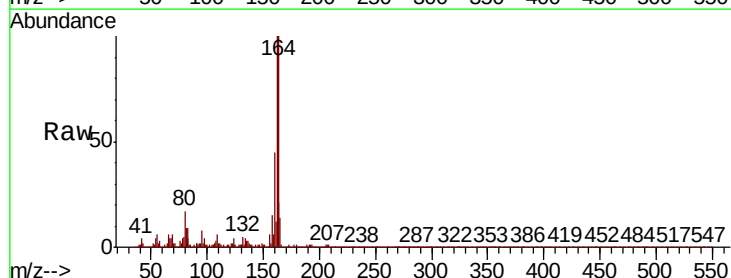
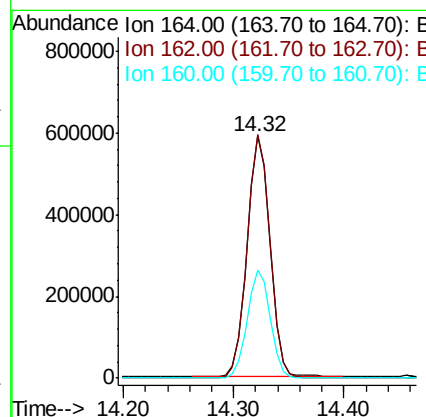
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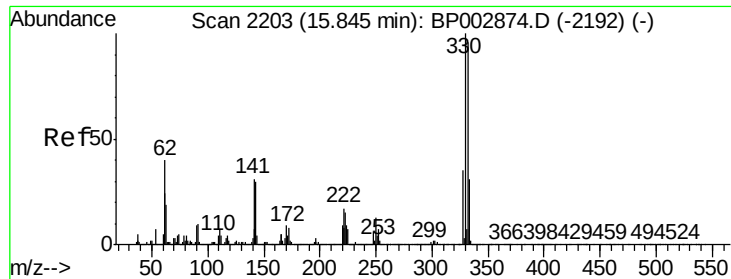
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.4	122.0
160	44.8	35.5	53.3





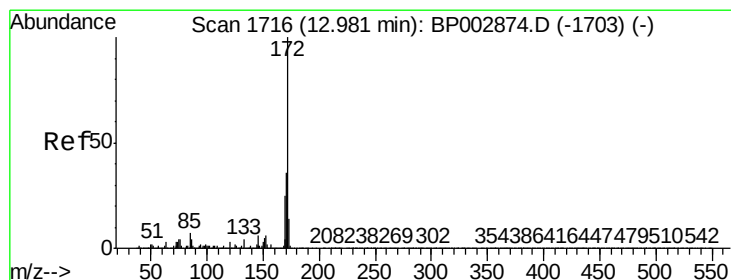
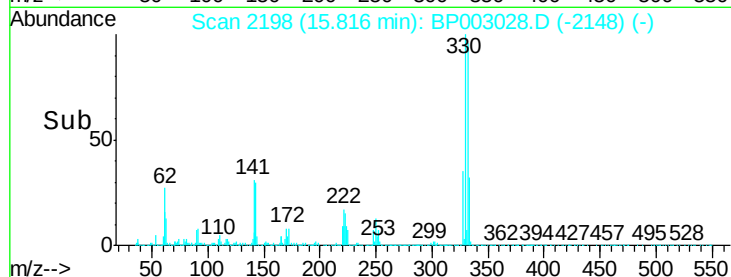
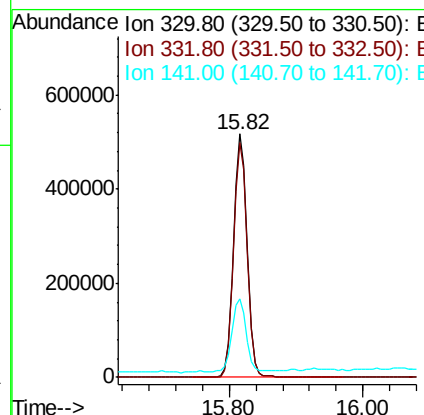
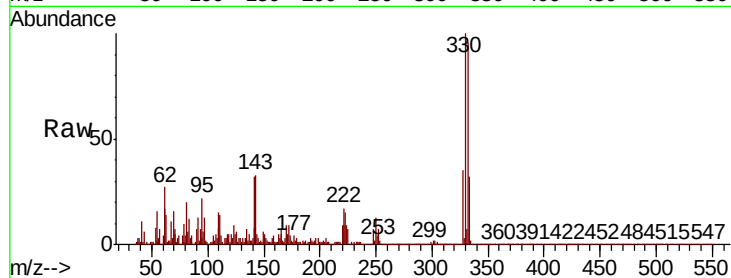
#42
2,4,6-Tribromophenol
Concen: 69.889 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Instrument :
BNA_P
ClientSampleId :
VB-27207

Tot Ion	Ratio	Resp	Lower	Upper
330	100	745406		
332	96.9	77.0	115.6	
141	31.6	26.7	40.1	

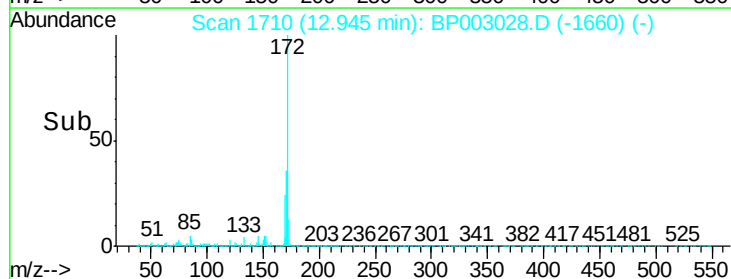
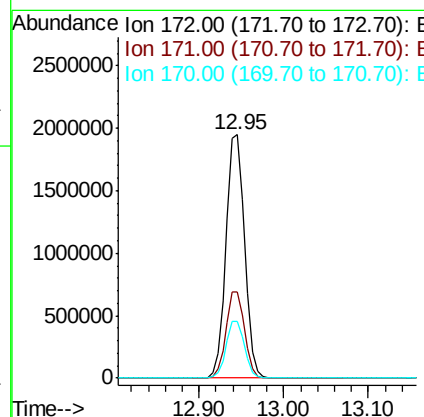
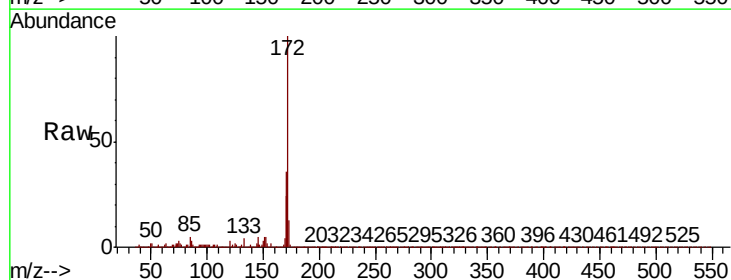
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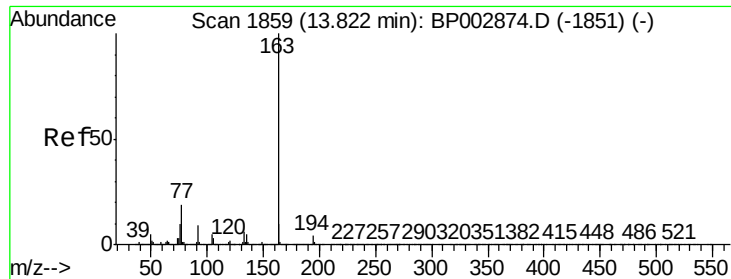
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#45
2-Fluorobiphenyl
Concen: 47.413 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2977855		
171	35.6	29.0	43.4	
170	23.5	19.1	28.7	





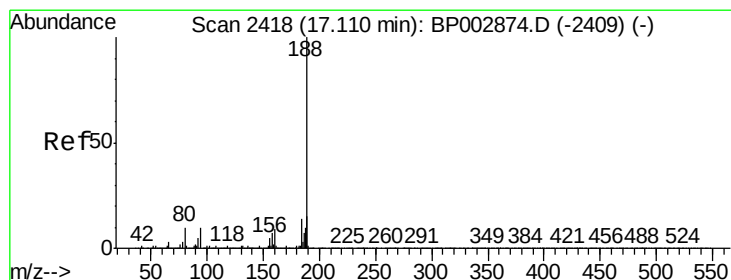
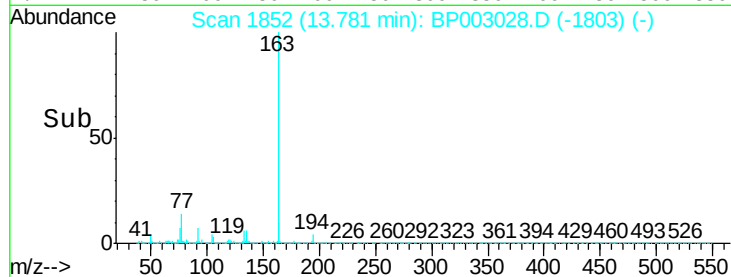
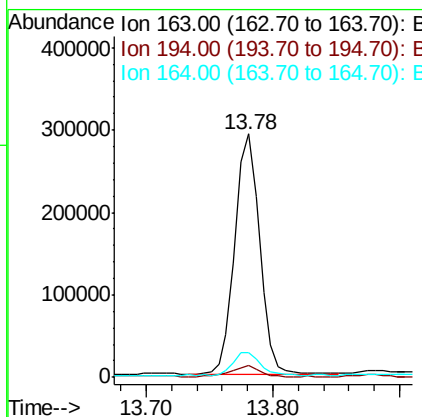
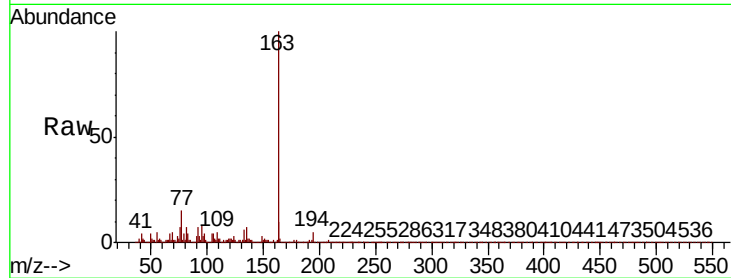
#50
Dimethylphthalate
Concen: 5.867 ng
RT: 13.78 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Instrument :
BNA_P
ClientSampleId :
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Tot Ion:	163	Resp:	393747
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.3	4.9
164	10.3	8.1	12.1

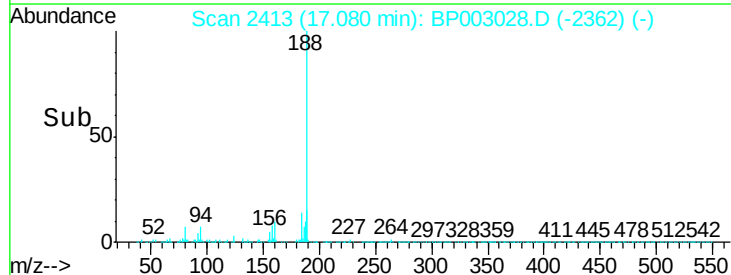
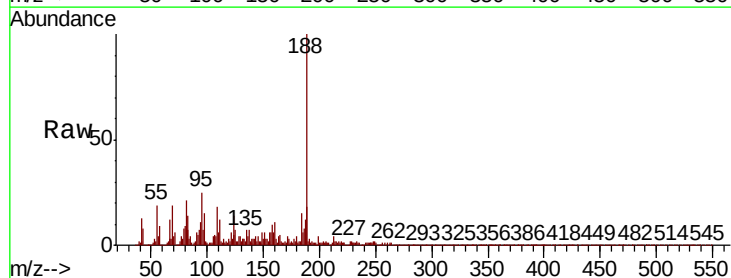
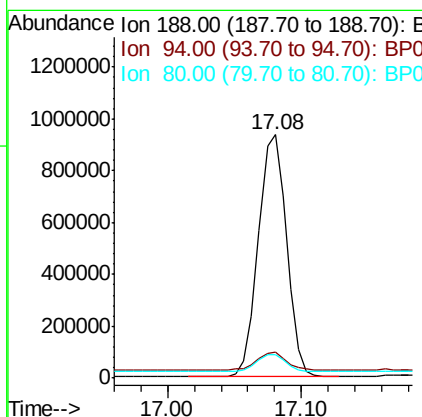
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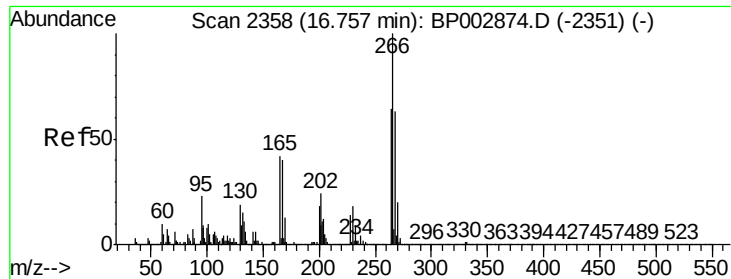
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Tgt Ion:	188	Resp:	1365627
Ion Ratio	Lower	Upper	
188	100		
94	10.6	7.1	10.7
80	9.5	6.7	10.1





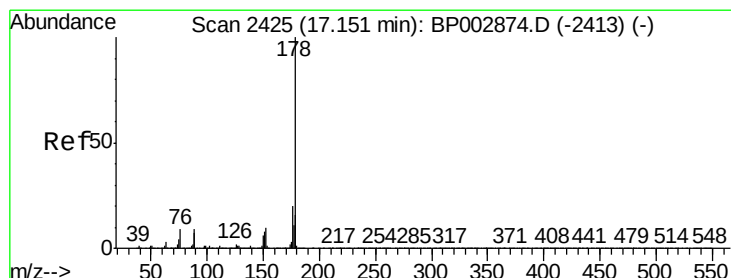
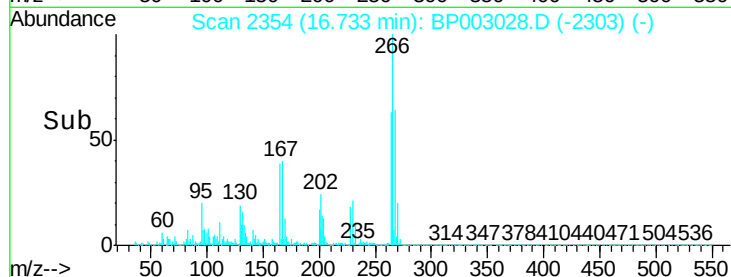
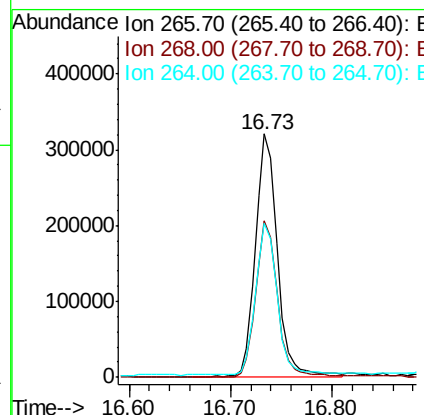
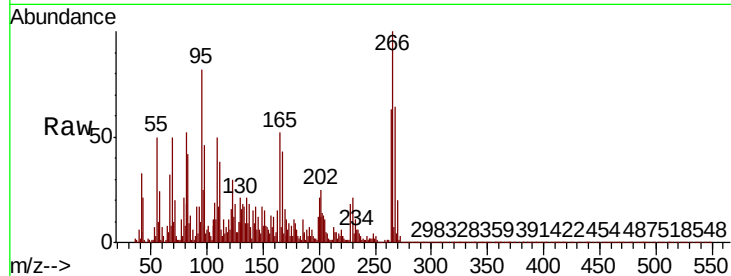
#70
 Pentachlorophenol
 Concen: 48.332 ng
 RT: 16.73 min Scan# 2354
 Delta R.T. -0.00 min
 Lab File: BP003028.D
 Acq: 18 Aug 2020 21:22

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
266	100	481635		
268	64.2		50.9	76.3
264	63.0		50.4	75.6

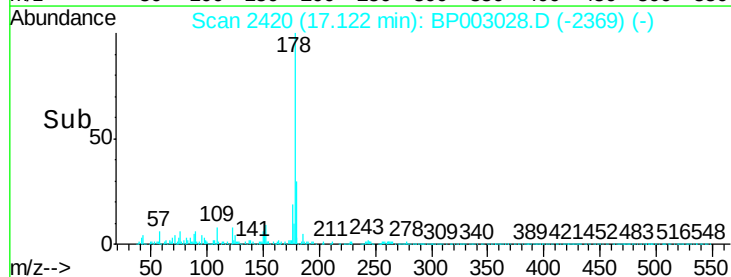
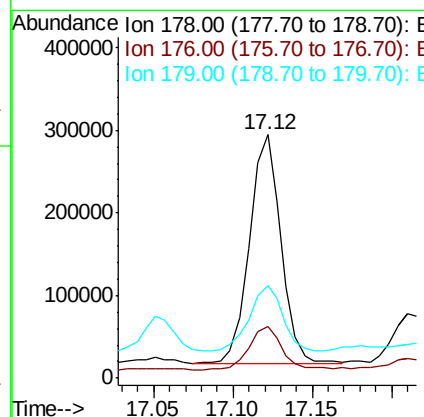
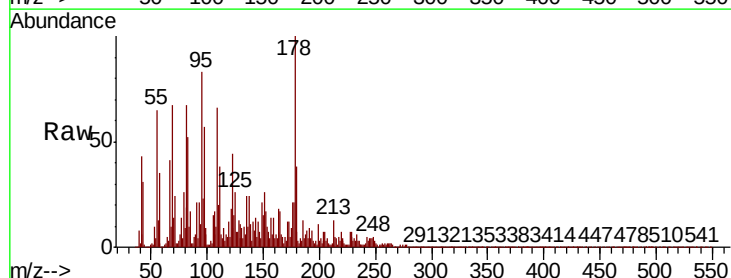
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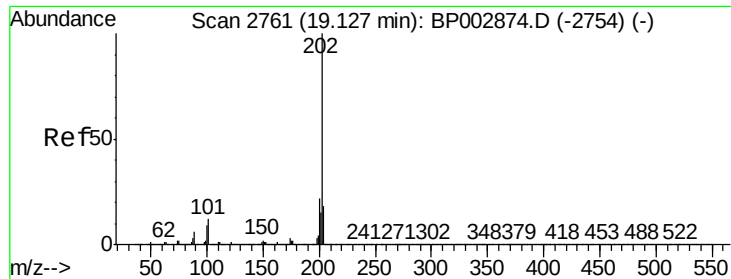
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#71
 Phenanthrene
 Concen: 4.719 ng
 RT: 17.12 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BP003028.D
 Acq: 18 Aug 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	377898		
176	21.1		15.8	23.8
179	37.8		12.9	19.3#





#75

Fluoranthene

Concen: 14.083 ng

RT: 19.10 min Scan# 2756

Delta R.T. -0.00 min

Lab File: BP003028.D

Acq: 18 Aug 2020 21:22

Instrument :

BNA_P

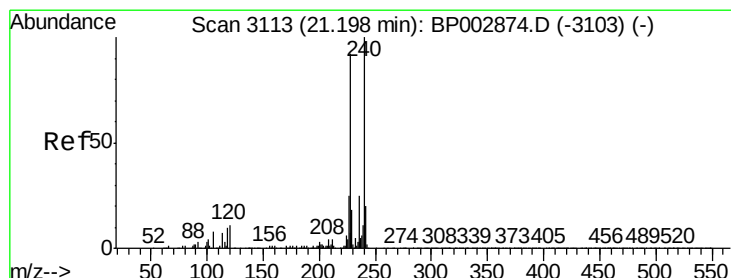
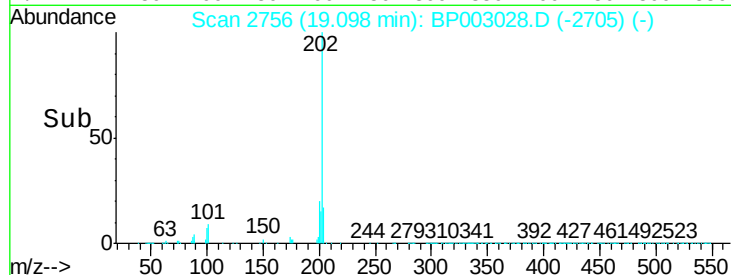
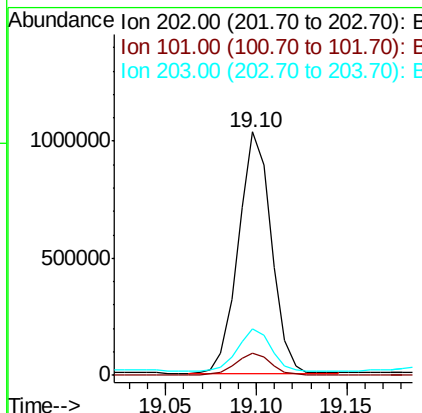
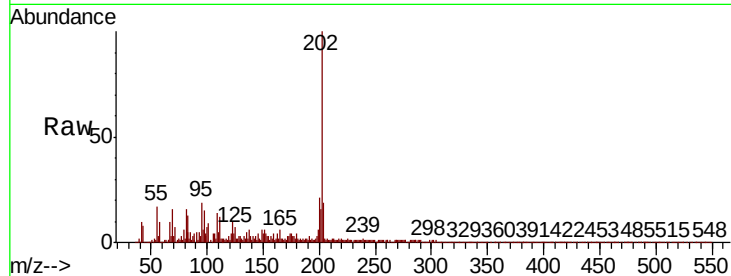
ClientSampleId :

VB-27207

Tot Ion:	202	Resp:	1299326
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	31.2
203	19.1	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

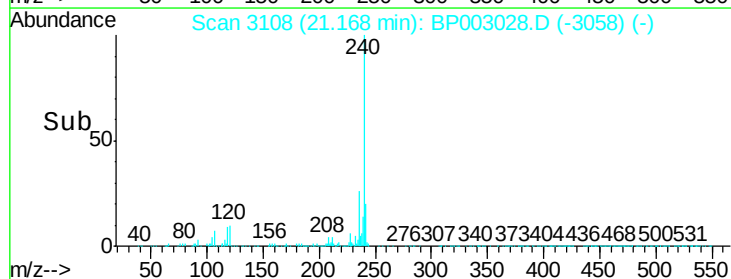
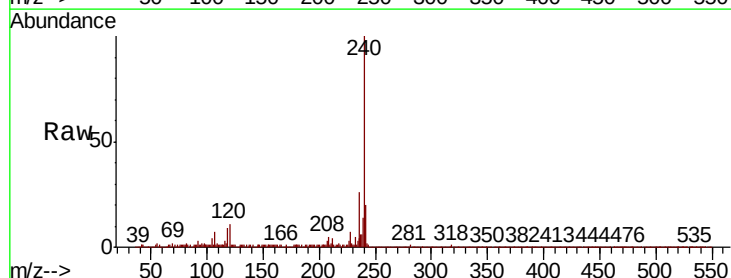
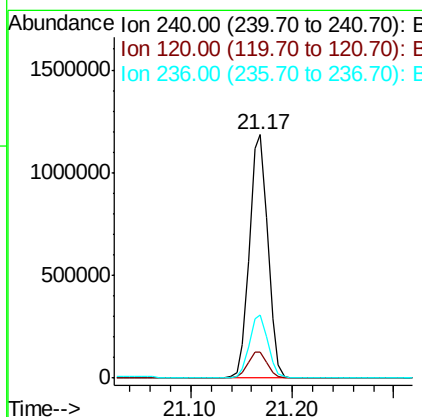
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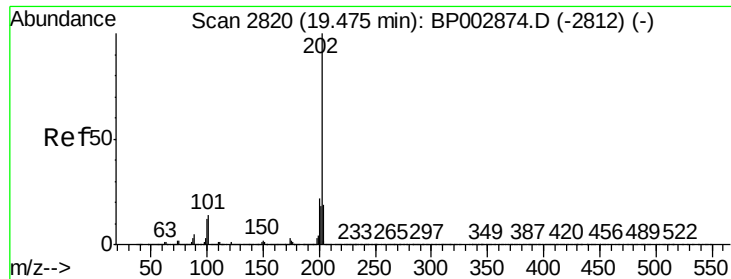
Delta R.T. -0.01 min

Lab File: BP003028.D

Acq: 18 Aug 2020 21:22

Tgt Ion:	240	Resp:	1487386
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	26.1	20.8	31.2





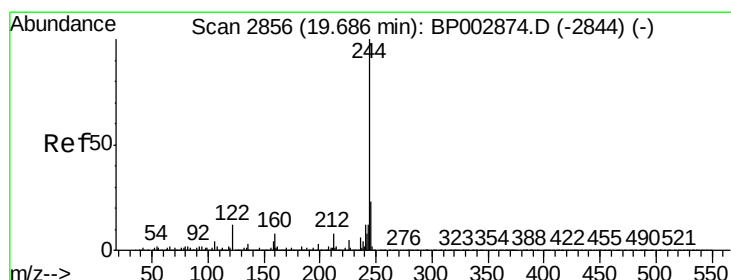
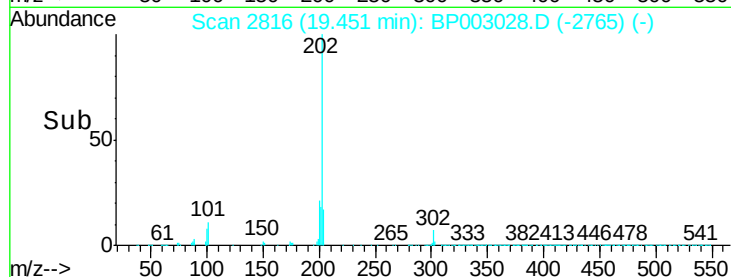
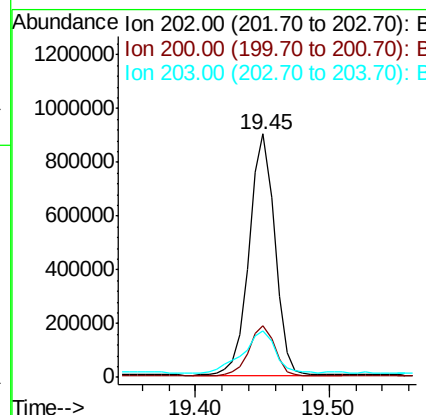
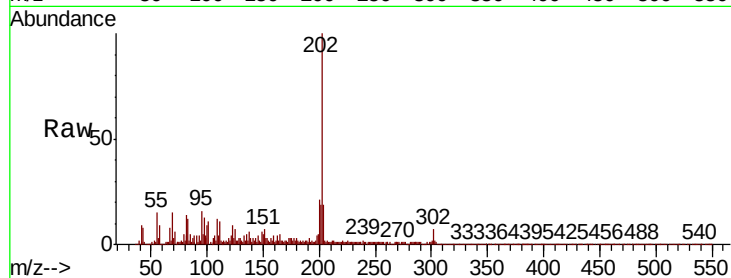
#78
Pvrene
Concen: 11.356 ng
RT: 19.45 min Scan# 2816
Delta R.T. -0.00 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Instrument :
BNA_P
ClientSampleId :
VB-27207

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	19.0	14.6	22.0

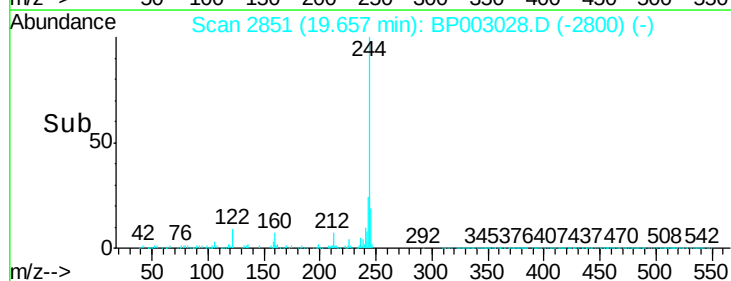
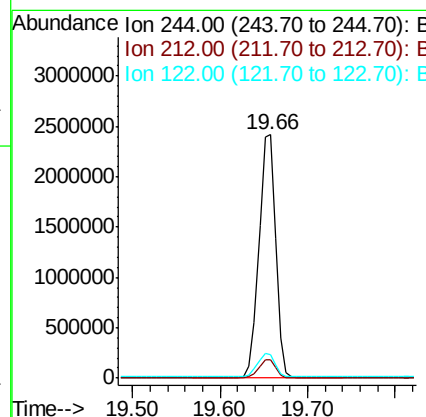
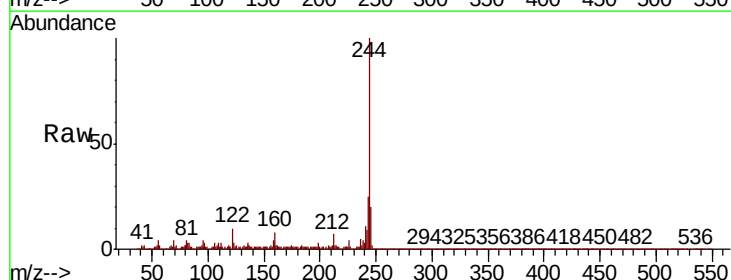
Manual Integrations
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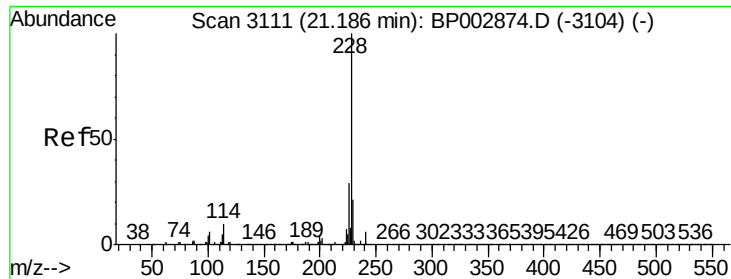
mohammad
8/19/2020 2:25:24 PM



#79
Terphenyl-d14
Concen: 42.216 ng
RT: 19.66 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	9.7	8.7	13.1





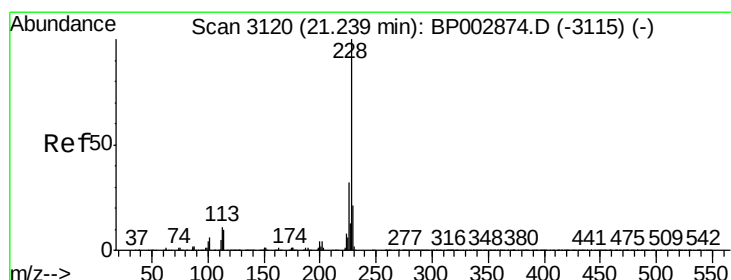
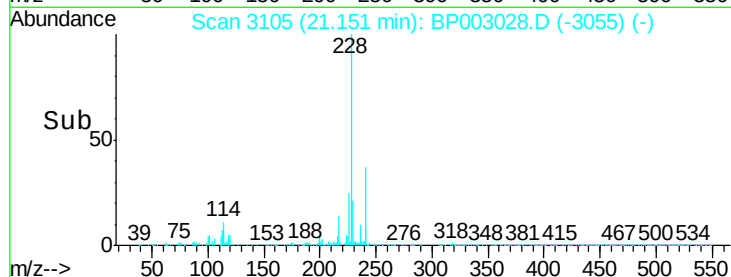
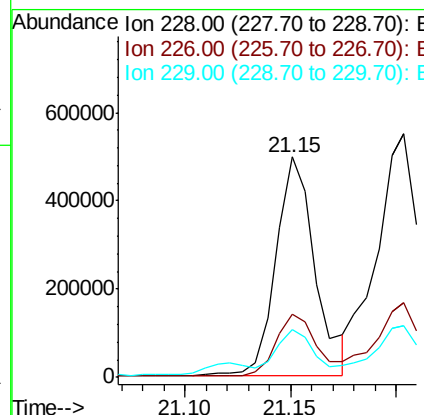
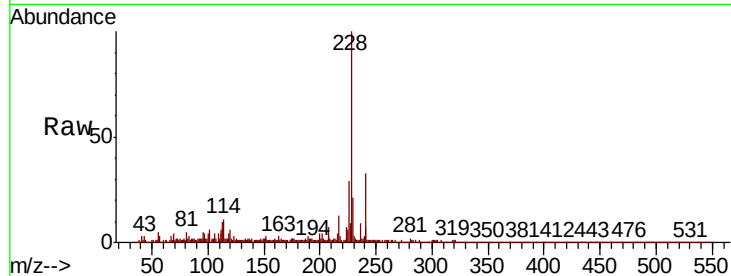
#81
Benzo(a)anthracene
Concen: 6.323 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Instrument :
BNA_P
ClientSampleId :
VB-27207

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		640651		
226	28.8	22.6	33.8		
229	21.5	16.5	24.7		

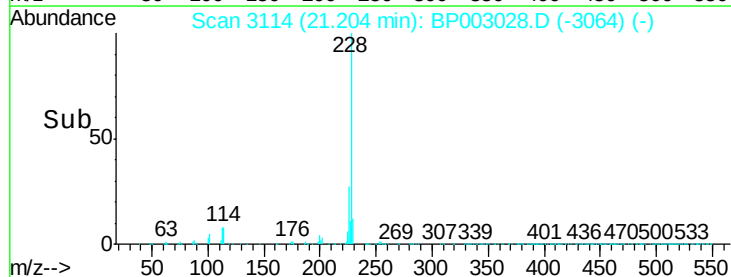
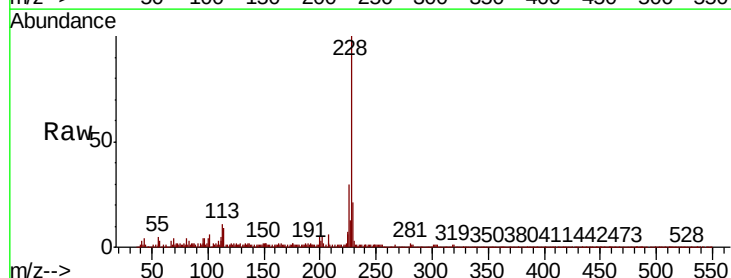
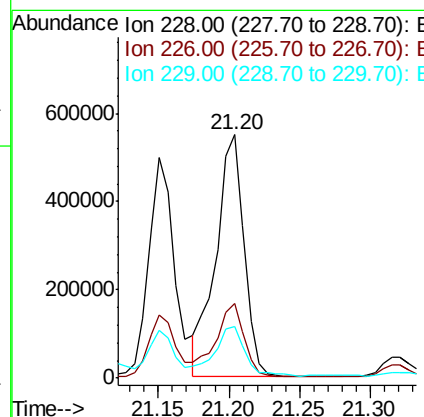
Manual Integrations
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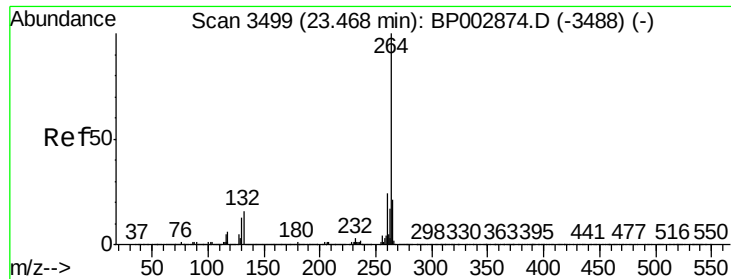
mohammad
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#83
Chrysene
Concen: 7.988 ng
RT: 21.20 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		763403		
226	30.4	24.9	37.3		
229	21.5	16.3	24.5		





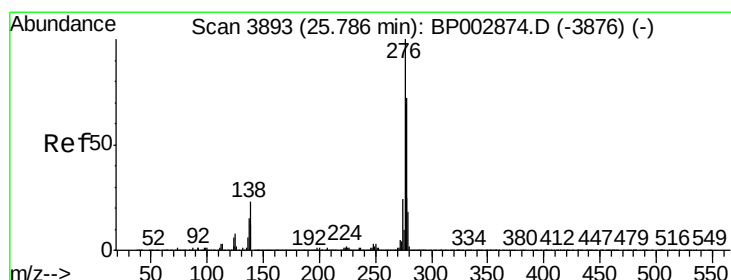
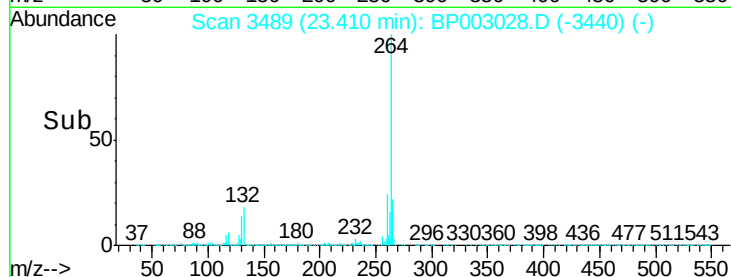
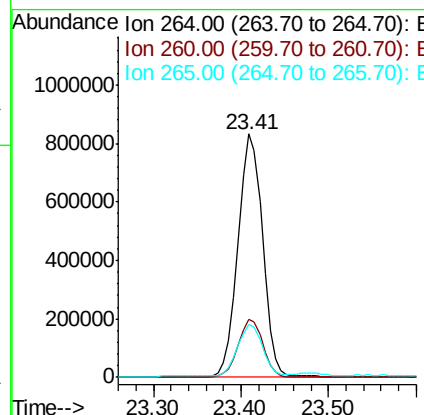
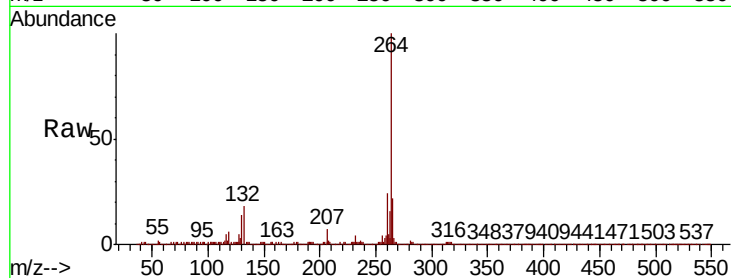
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Instrument :
BNA_P
ClientSampled :
VB-27207

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.3	25.9

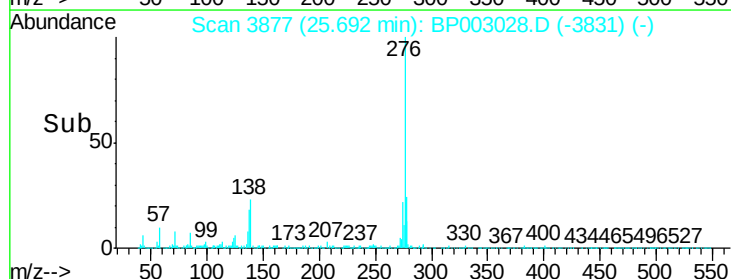
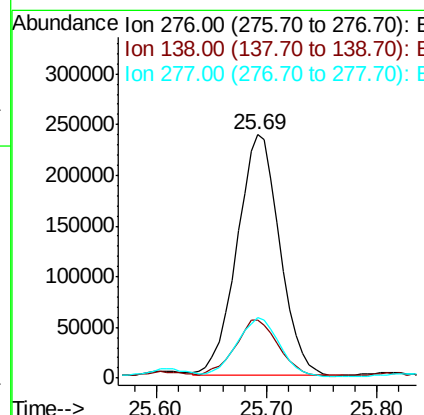
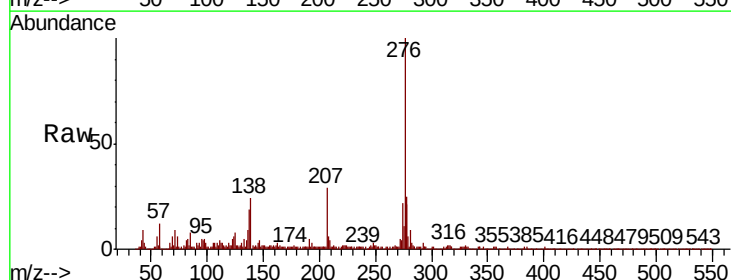
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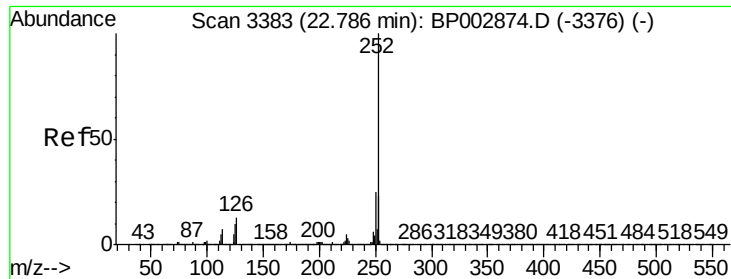
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.089 ng
RT: 25.69 min Scan# 3877
Delta R.T. -0.03 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	22.2	33.2
277	24.8	20.4	30.6





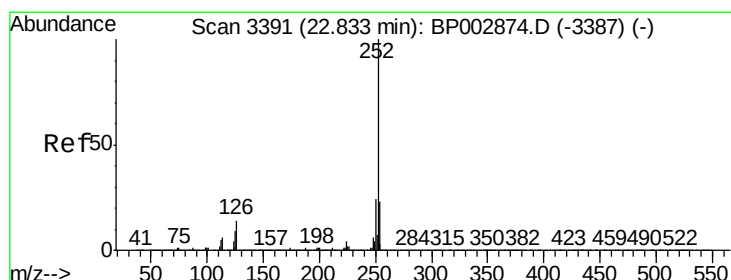
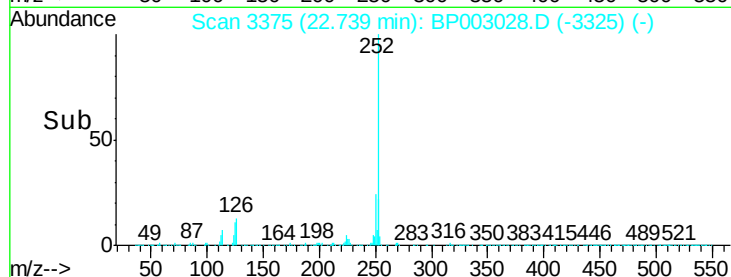
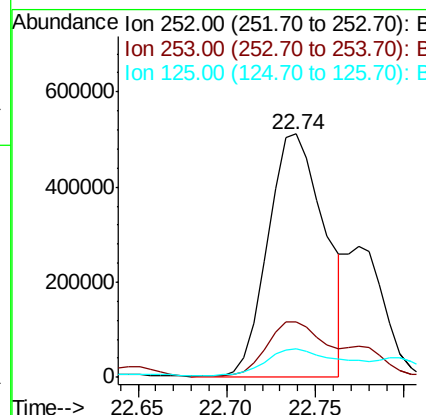
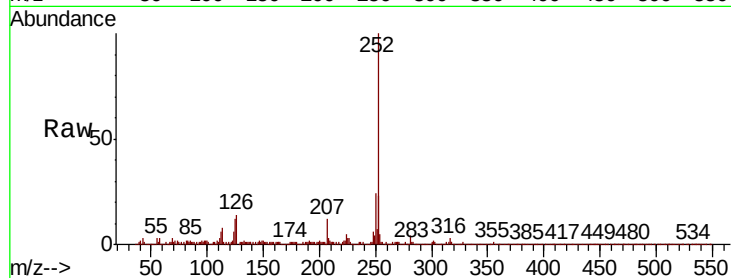
#88
Benzo(b)fluoranthene
Concen: 10.218 ng m
RT: 22.74 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Instrument :
BNA_P
ClientSampleId :
VB-27207

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.7	9.4	14.2

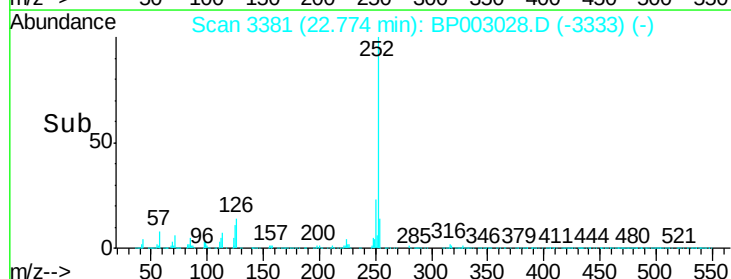
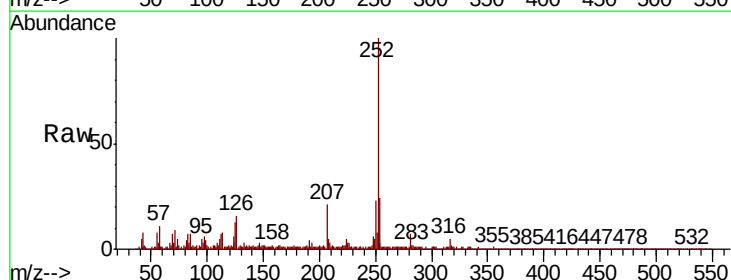
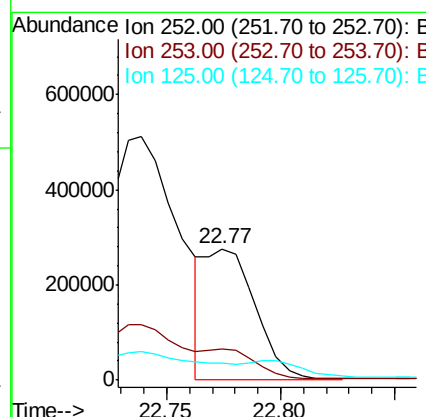
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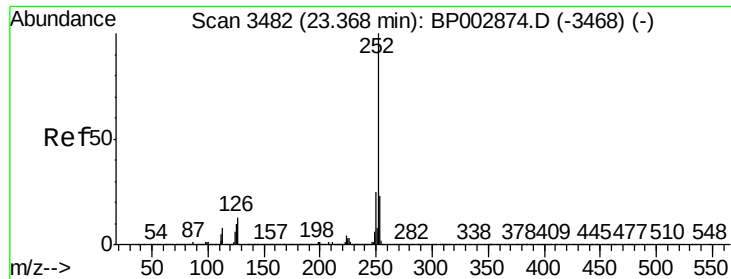
mohammad
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#89
Benzo(k)fluoranthene
Concen: 4.005 ng m
RT: 22.77 min Scan# 3381
Delta R.T. -0.02 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	12.7	9.3	13.9





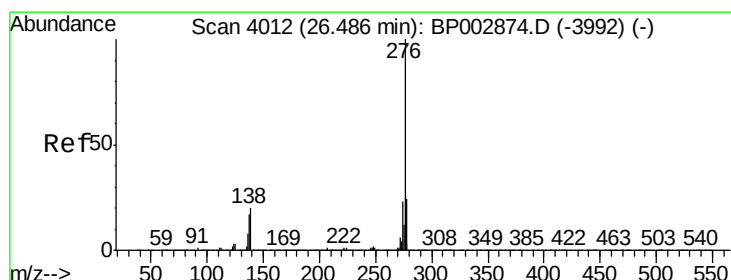
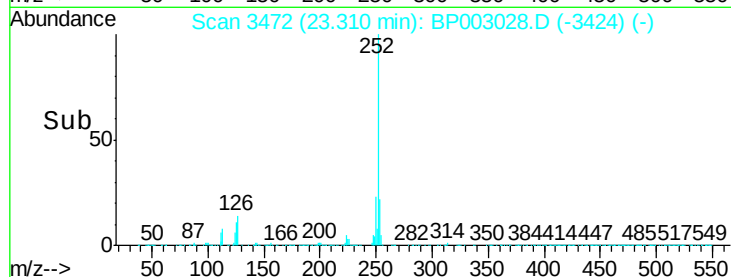
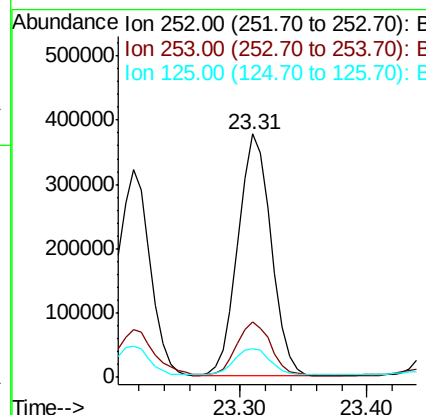
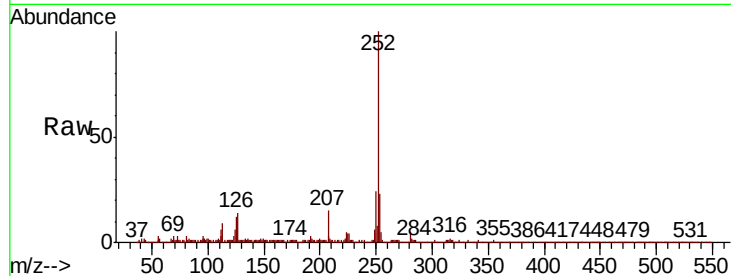
#90
Benzo(a)pyrene
Concen: 6.782 ng
RT: 23.31 min Scan# 3472
Delta R.T. -0.02 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Instrument :
BNA_P
ClientSampleId :
VB-27207

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.6	9.9	14.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.927 ng
RT: 26.39 min Scan# 3996
Delta R.T. -0.03 min
Lab File: BP003028.D
Acq: 18 Aug 2020 21:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.1	28.7
138	25.1	19.3	28.9

