

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
 Data File : BP003194.D
 Acq On : 02 Sep 2020 19:20
 Operator : CG/JU
 Sample : L3876-13 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-215

Manual Integrations
 APPROVED

mohammad
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Quant Time: Sep 03 11:30:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	83540	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	425674	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	332571	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	670348	20.00	ng	0.02
76) Chrysene-d12	21.16	240	1202522	20.00	ng	0.01
86) Perylene-d12	23.39	264	1432449	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	191721	40.58	ng	0.00
7) Phenol-d6	6.85	99	258908	43.71	ng	0.01
23) Nitrobenzene-d5	8.80	82	161376	27.33	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	229800	51.09	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	625532	27.54	ng	0.00
79) Terphenyl-d14	19.64	244	1231686	22.54	ng	0.02
Target Compounds						
32) Benzoic acid	9.73	122	2346m	9.471	ng	Qvalue
49) Acenaphthylene	14.02	152	262906	8.515	ng	# 89
50) Dimethylphthalate	13.76	163	124087	4.893	ng	# 89
70) Pentachlorophenol	16.72	266	21515	5.108	ng	92
71) Phenanthrene	17.10	178	300589	8.275	ng	# 56
72) Anthracene	17.20	178	163509	4.703	ng	# 57
75) Fluoranthene	19.09	202	947906	22.579	ng	92
78) Pyrene	19.44	202	973314	12.471	ng	96
80) Butylbenzylphthalate	20.32	149	931786	28.996	ng	96
81) Benzo(a)anthracene	21.14	228	682848	9.065	ng	93
83) Chrysene	21.19	228	789970	10.954	ng	97
84) Bis(2-ethylhexyl)phthalate	21.08	149	185050	3.988	ng	# 92
87) Indeno(1,2,3-cd)pyrene	25.66	276	589836	5.522	ng	96
88) Benzo(b)fluoranthene	22.72	252	1238448m	13.910	ng	
89) Benzo(k)fluoranthene	22.76	252	425180m	4.998	ng	
90) Benzo(a)pyrene	23.29	252	771540	9.341	ng	# 95
92) Benzo(a,h,i)perylene	26.35	276	575409	6.534	ng	98

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

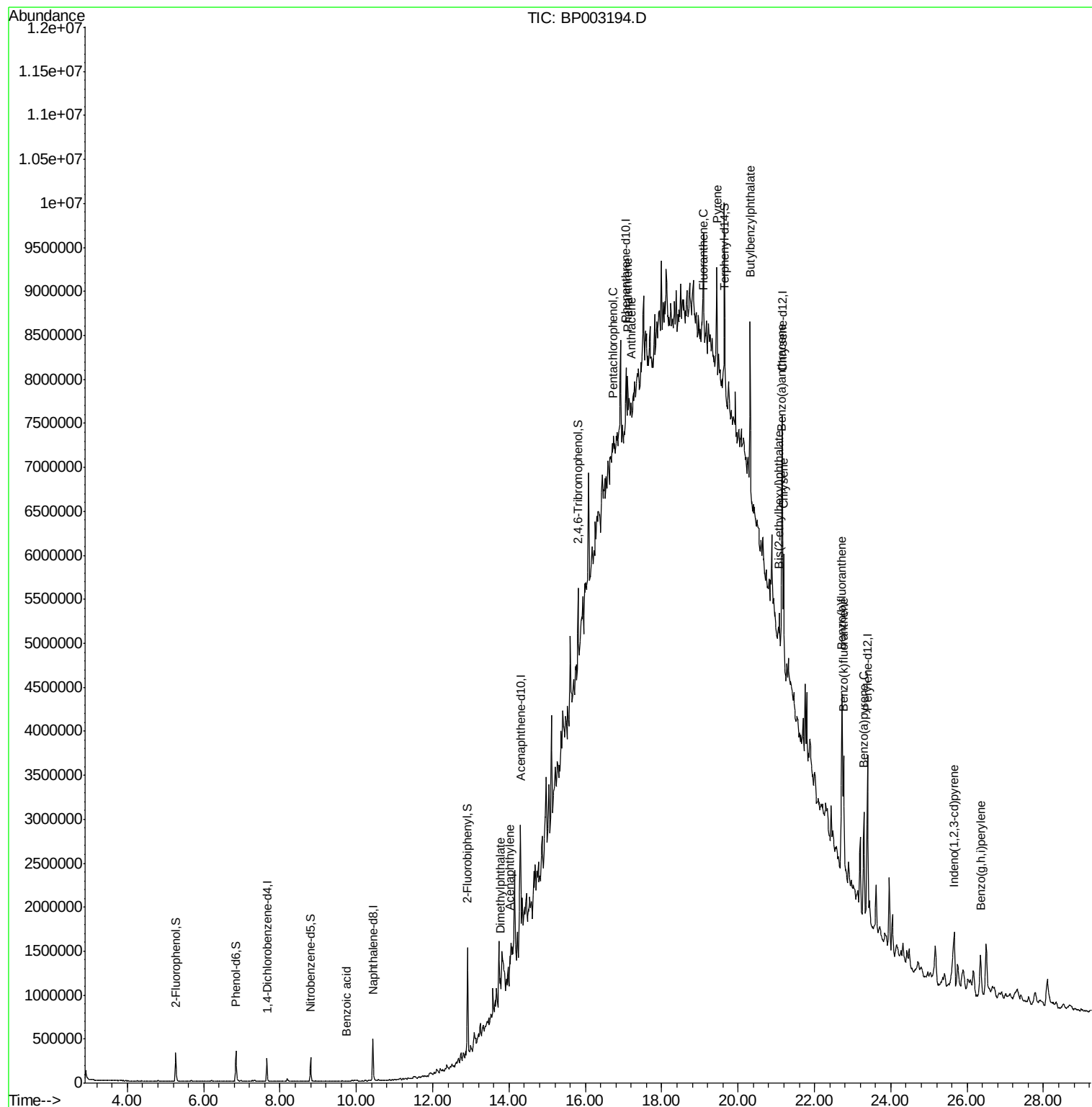
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003194.D
Acq On : 02 Sep 2020 19:20
Operator : CG/JU
Sample : L3876-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

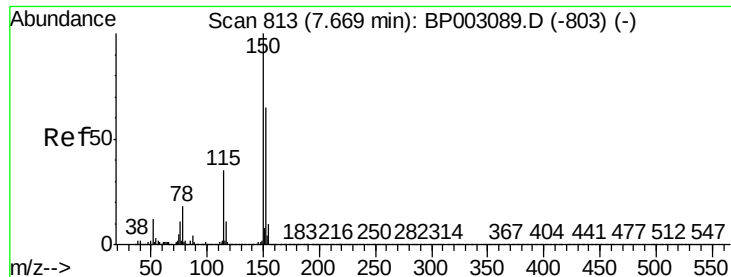
Instrument :
BNA_P
ClientSampleId :
VNJ-215

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Quant Time: Sep 03 11:30:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration





#1

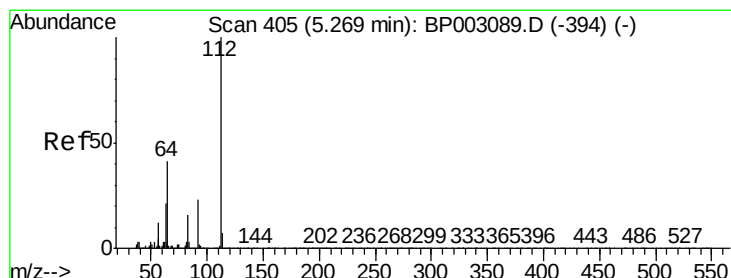
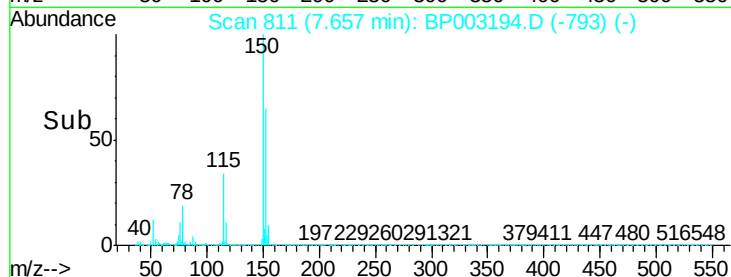
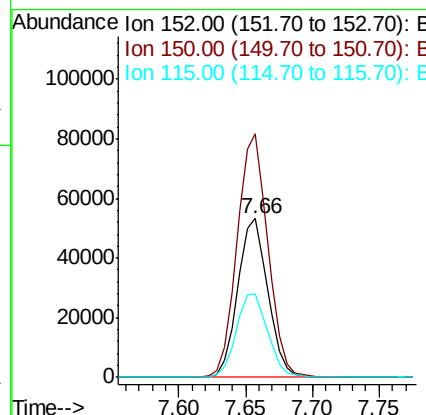
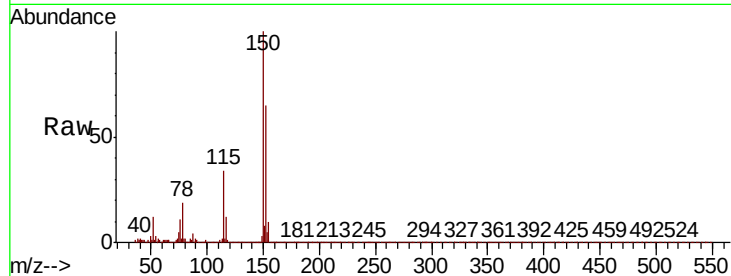
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 811
Delta R.T. 0.01 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Instrument :
BNA_P
ClientSampled :
VNJ-215

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.8	185.6
115	52.8	43.8	65.6

Manual Integrations
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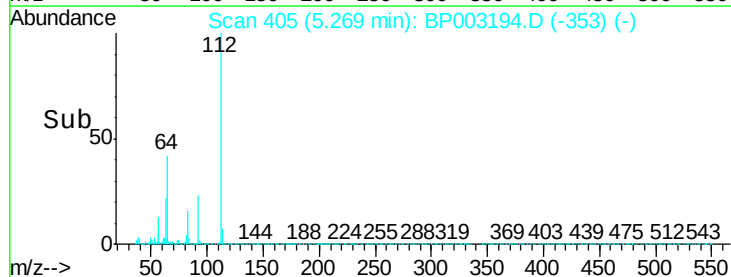
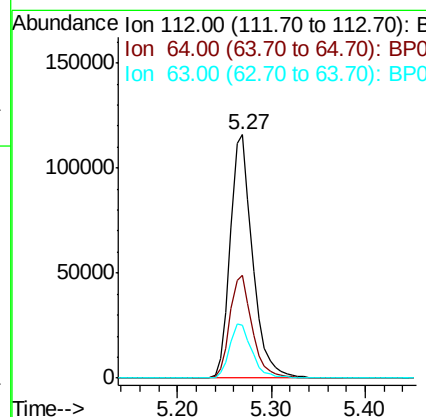
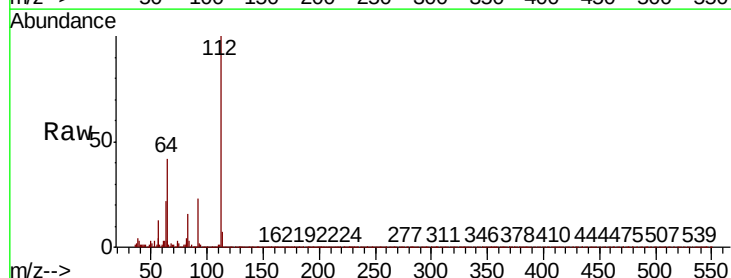
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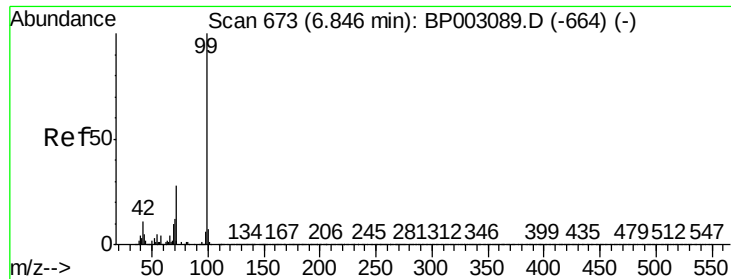


#5

2-Fluorophenol
Concen: 40.576 ng
RT: 5.27 min Scan# 405
Delta R.T. 0.01 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.0	32.8	49.2
63	21.6	17.0	25.4





#7

Phenol-d6

Concen: 43.711 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.01 min

Lab File: BP003194.D

Acq: 02 Sep 2020 19:20

Instrument :

BNA_P

ClientSampleId :

VNJ-215

Tot Ion: 99 Resp: 258908

Ion Ratio Lower Upper

99 100

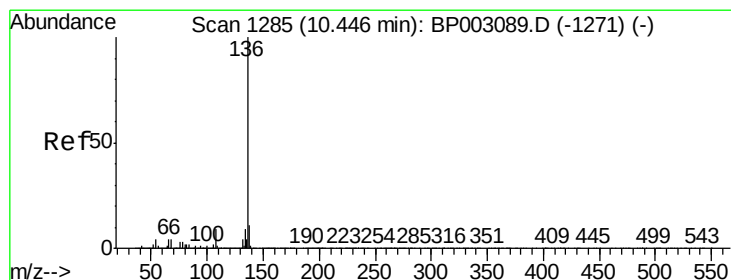
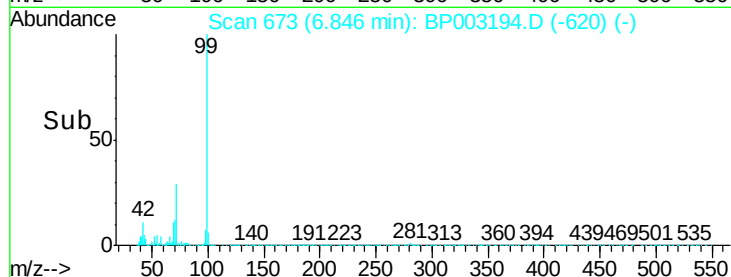
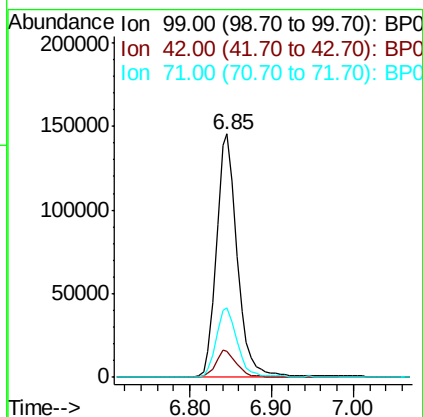
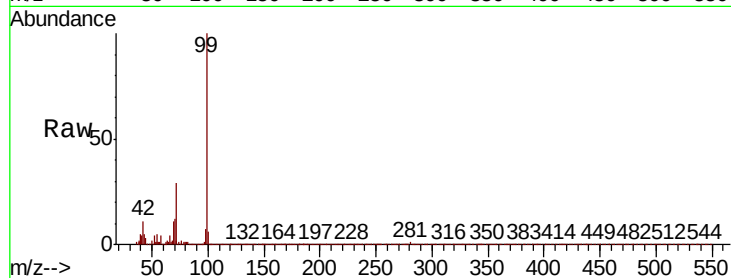
42 10.9 8.6 13.0

71 28.6 23.4 35.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BP003194.D

Acq: 02 Sep 2020 19:20

Tgt Ion: 136 Resp: 425674

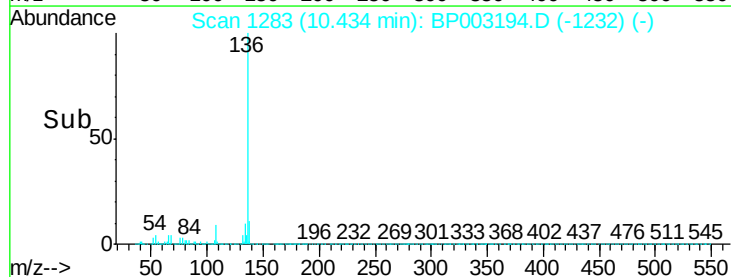
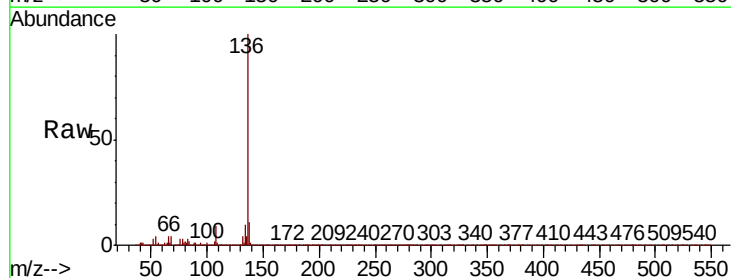
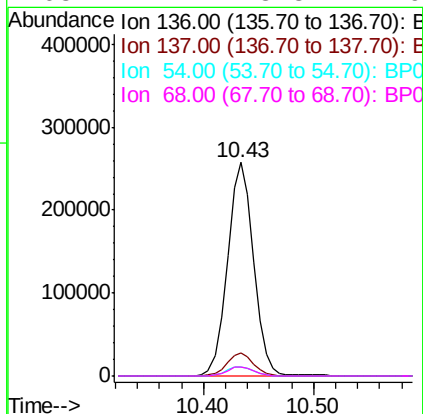
Ion Ratio Lower Upper

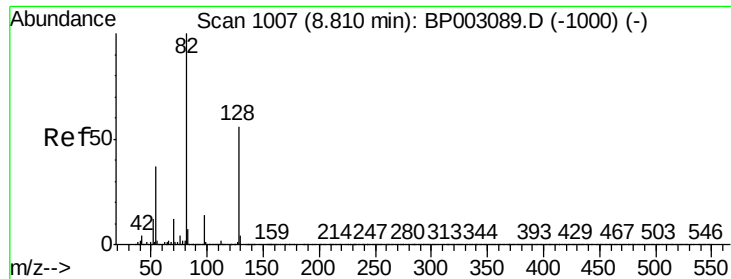
136 100

137 10.7 8.6 13.0

54 4.5 3.6 5.4

68 4.4 3.3 4.9





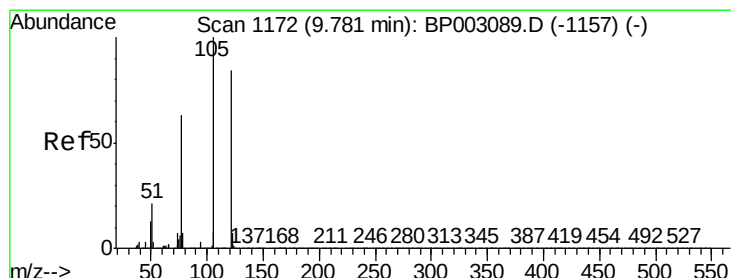
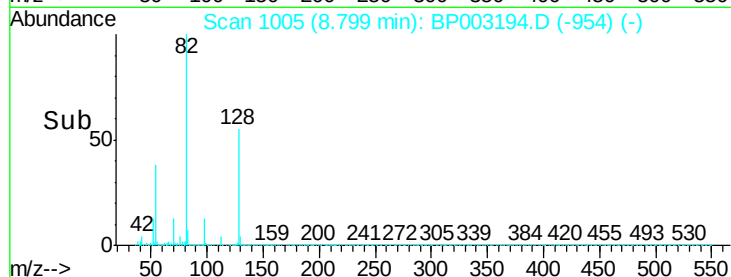
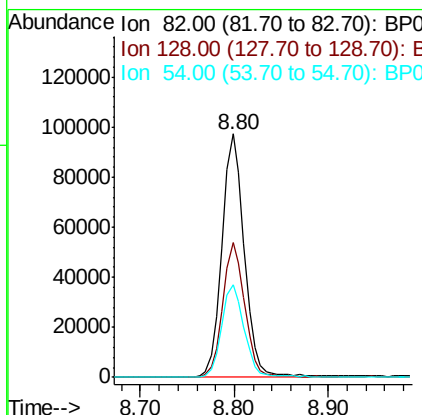
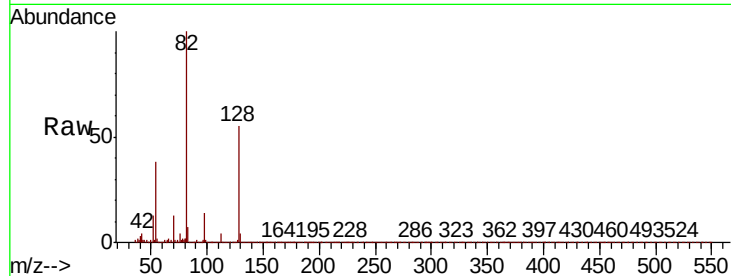
#23
Nitrobenzene-d5
Concen: 27.330 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Instrument :
BNA_P
ClientSampleId :
VNJ-215

Tot Ion	Ratio	Lower	Upper
82	100		
128	55.5	45.6	68.4
54	37.9	30.1	45.1

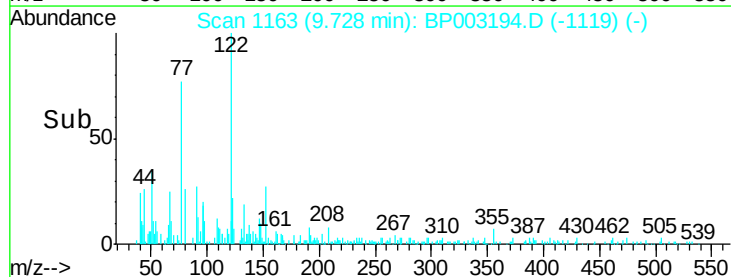
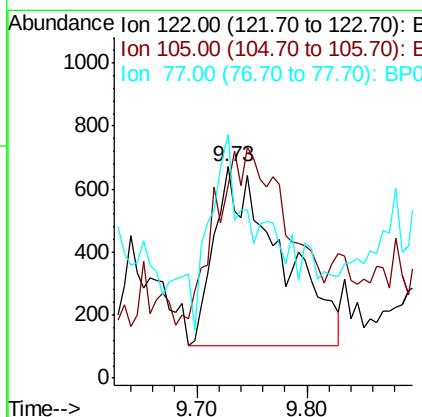
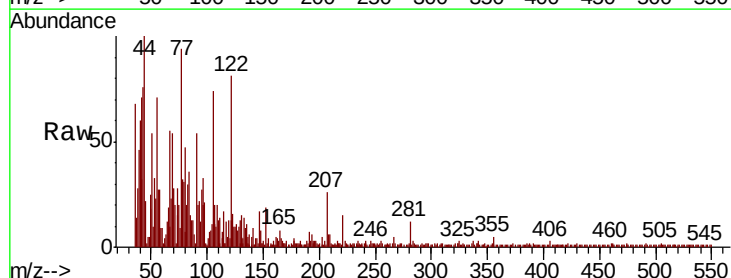
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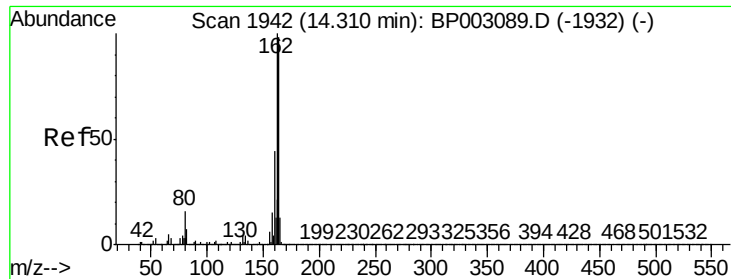
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#32
Benzoic acid
Concen: 9.471 ng m
RT: 9.73 min Scan# 1163
Delta R.T. -0.04 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	91.3	94.1	134.1#
77	115.4	50.1	90.1#





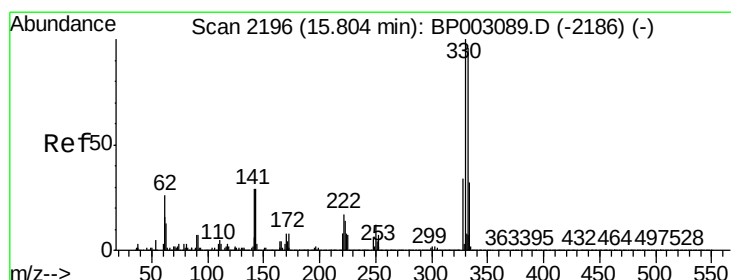
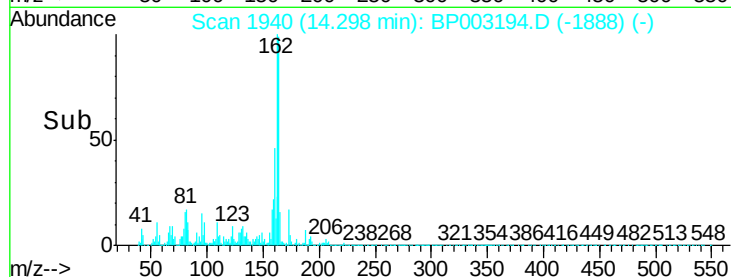
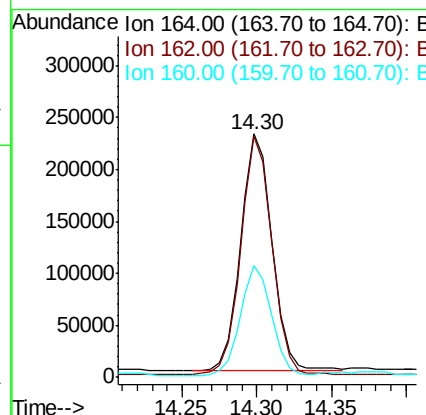
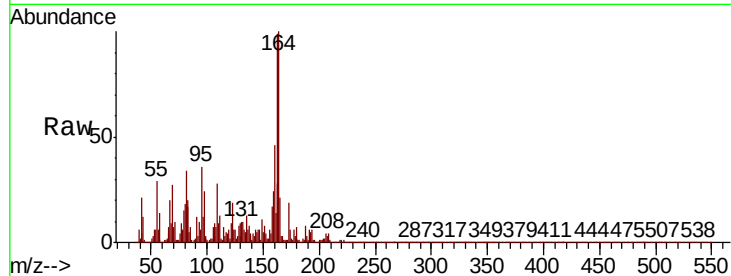
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Instrument :
BNA_P
ClientSampleId :
VNJ-215

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.4	119.2
160	45.7	36.1	54.1

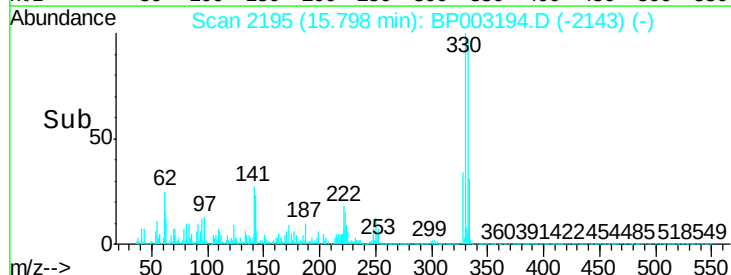
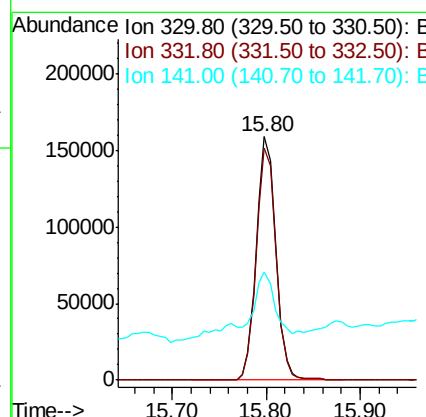
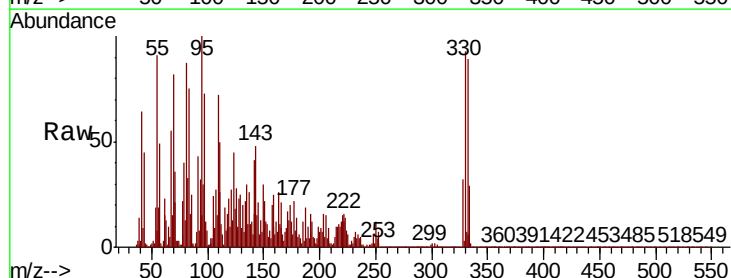
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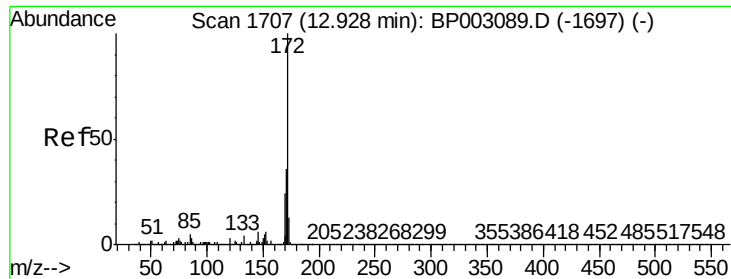
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#42
2,4,6-Tribromophenol
Concen: 51.090 ng
RT: 15.80 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	23.0	23.4	35.2#





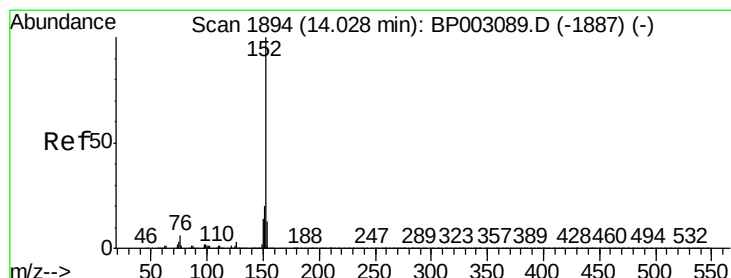
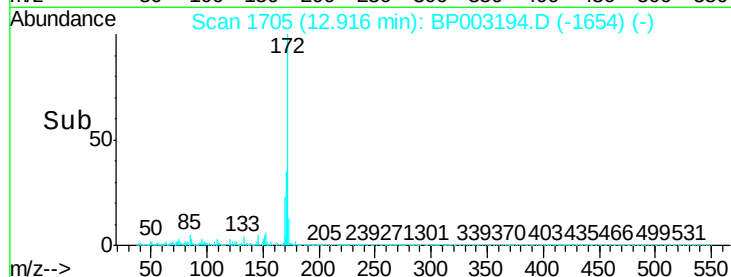
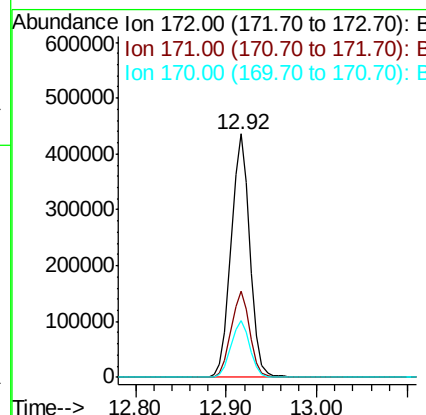
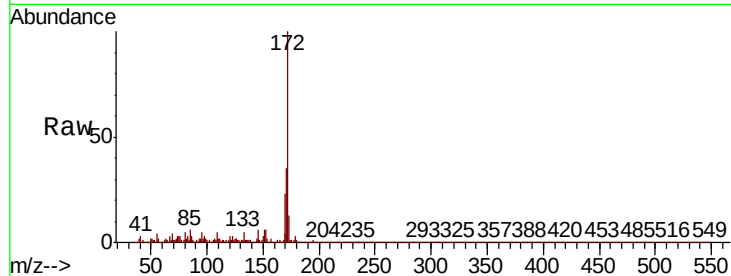
#45
2-Fluorobiphenyl
Concen: 27.545 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Instrument :
BNA_P
ClientSampleId :
VNJ-215

Tot Ion:172	Resp:	625532
Ion Ratio	Lower	Upper
172 100		
171 35.2	28.5	42.7
170 23.1	19.2	28.8

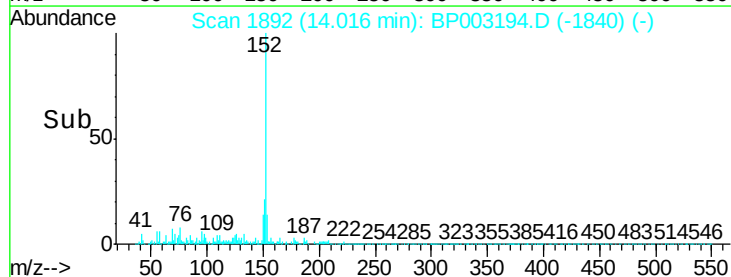
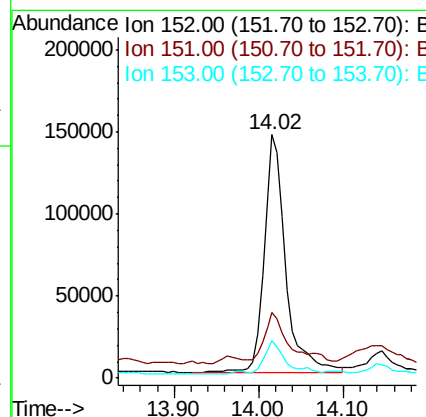
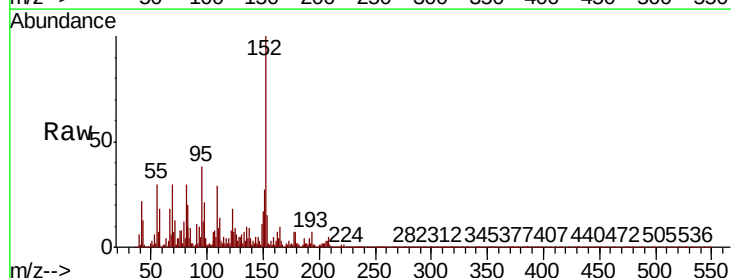
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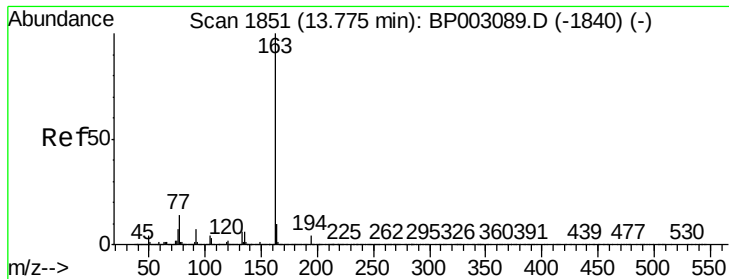
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#49
Acenaphthylene
Concen: 8.515 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.01 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Tgt Ion:152	Resp:	262906
Ion Ratio	Lower	Upper
152 100		
151 26.8	15.9	23.9#
153 15.2	10.5	15.7





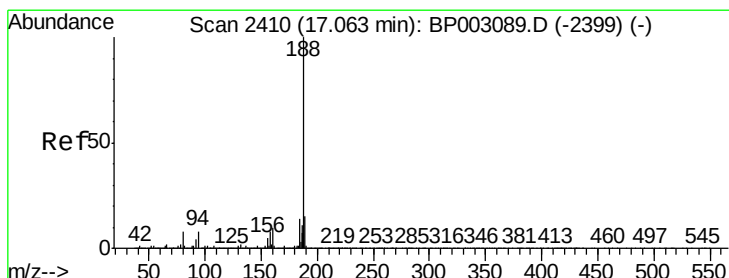
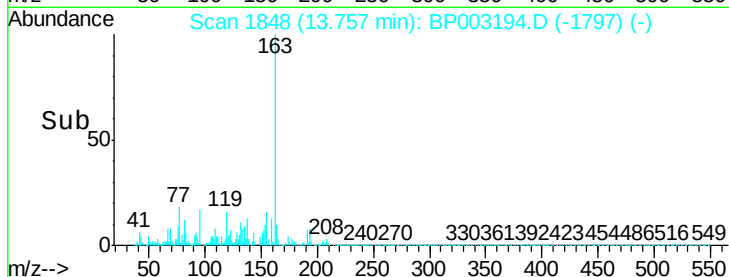
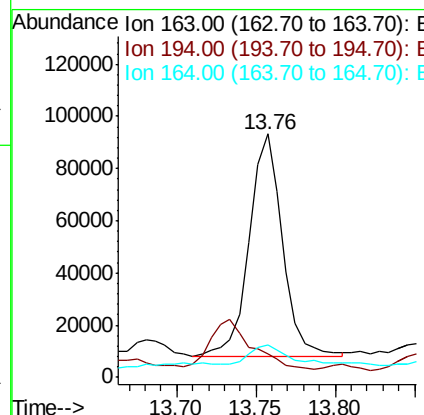
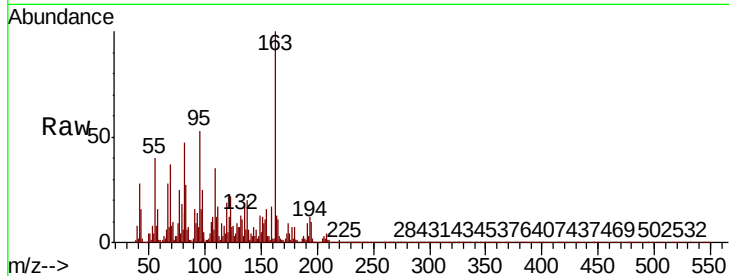
#50
Dimethylphthalate
Concen: 4.893 ng
RT: 13.76 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Instrument :
BNA_P
ClientSampleId :
VNJ-215

Tot Ion	Ratio	Lower	Upper
163	100		
194	9.9	3.3	4.9#
164	13.1	8.2	12.2#

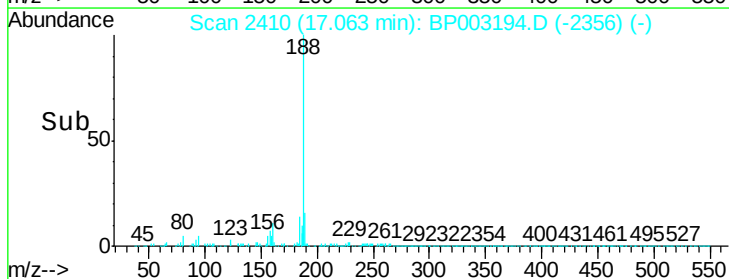
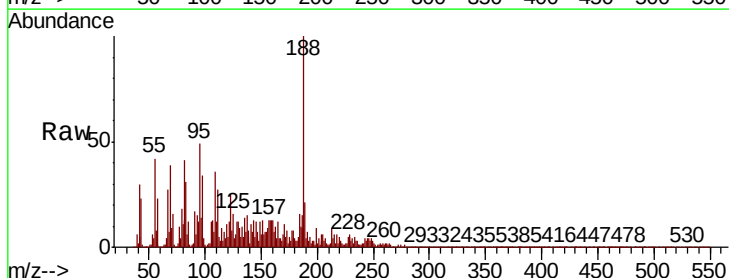
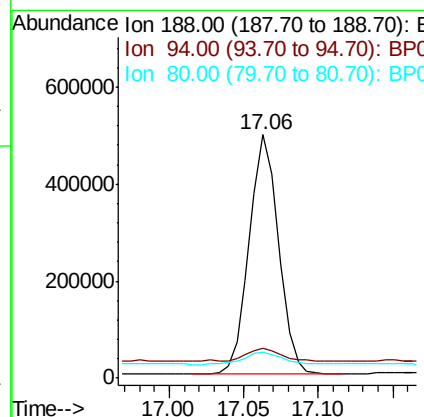
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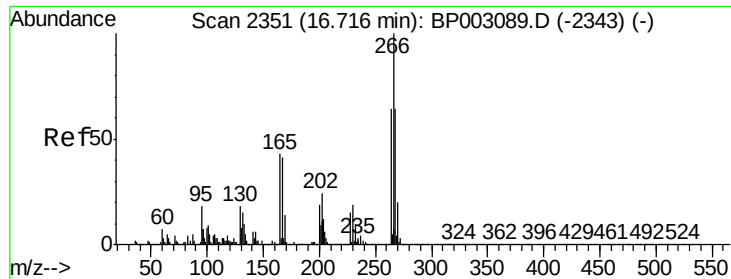
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2410
Delta R.T. 0.02 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	6.2	9.2#
80	10.9	6.2	9.2#





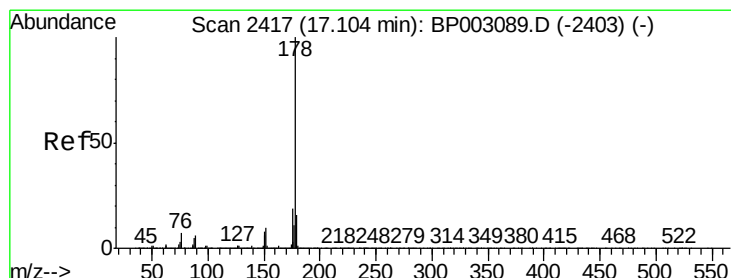
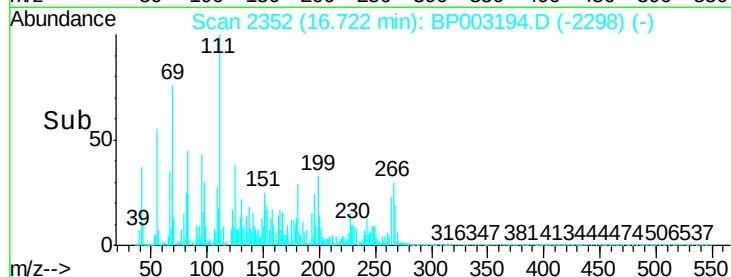
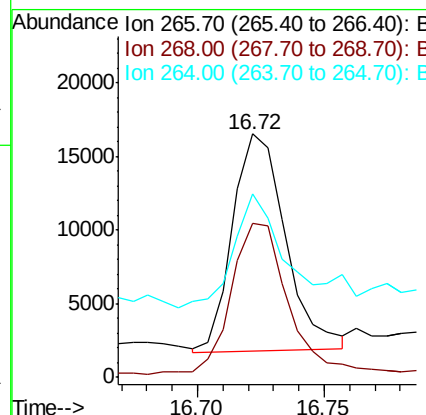
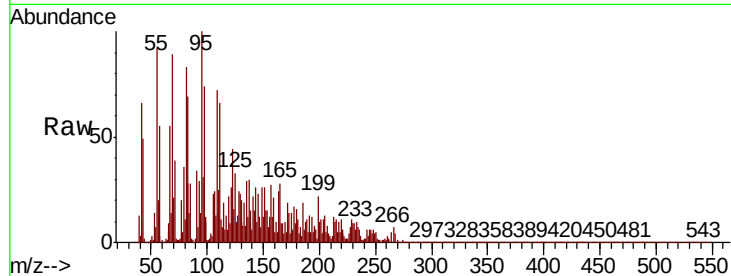
#70
 Pentachlorophenol
 Concen: 5.108 ng
 RT: 16.72 min Scan# 2352
 Delta R.T. 0.02 min
 Lab File: BP003194.D
 Acq: 02 Sep 2020 19:20

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-215

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	75.4	50.6	76.0

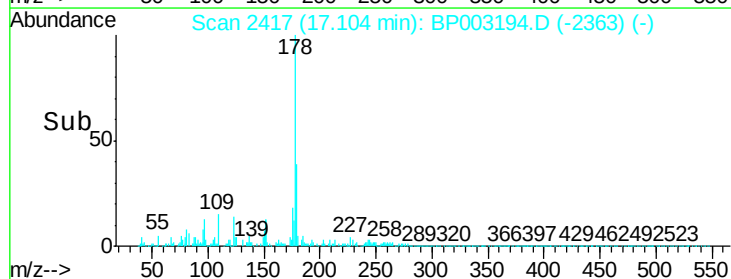
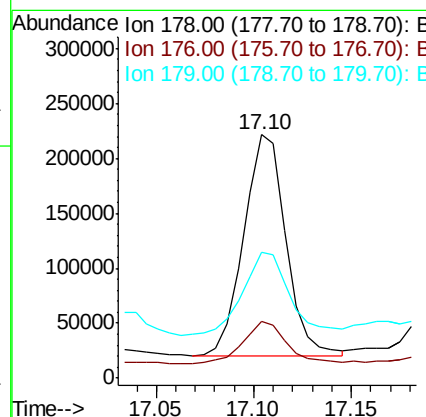
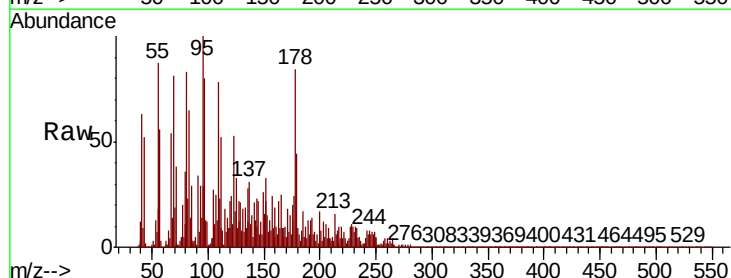
Manual Integrations
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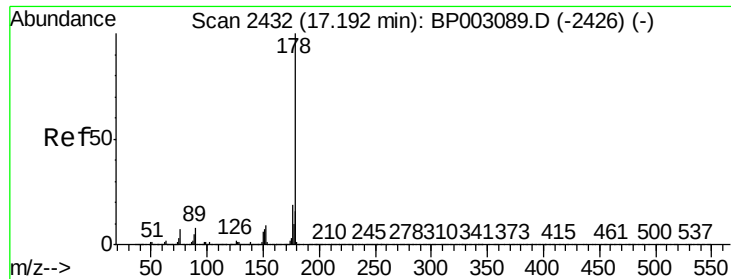
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#71
 Phenanthrene
 Concen: 8.275 ng
 RT: 17.10 min Scan# 2417
 Delta R.T. 0.02 min
 Lab File: BP003194.D
 Acq: 02 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.2	15.3	22.9#
179	51.8	12.5	18.7#





#72

Anthracene

Concen: 4.703 ng

RT: 17.20 min Scan# 2433

Delta R.T. 0.02 min

Lab File: BP003194.D

Acq: 02 Sep 2020 19:20

Instrument :

BNA_P

ClientSampled :

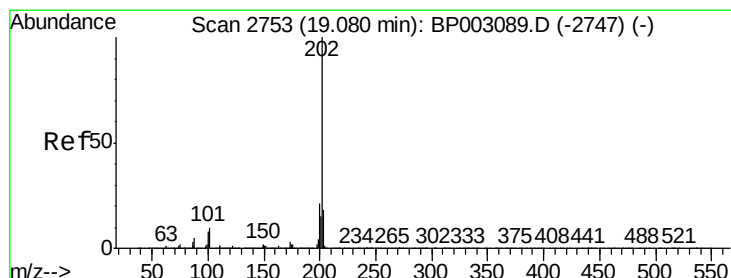
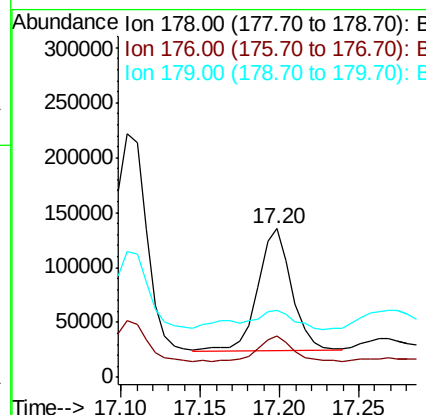
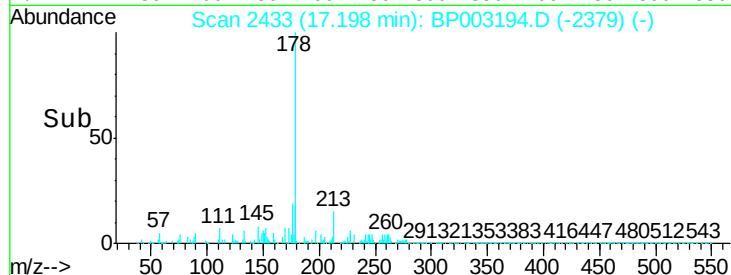
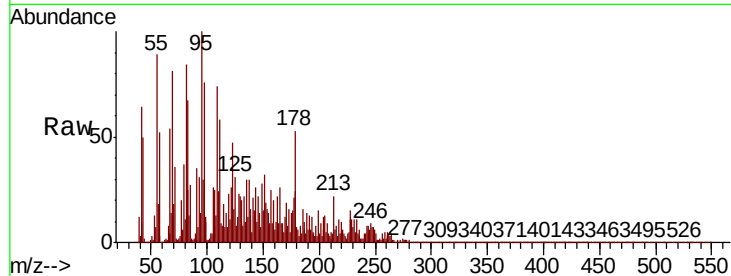
VNJ-215

Tot Ion:	178	Resp:	163509
Ion Ratio	Lower	Upper	
178	100		
176	27.4	15.0	22.4#
179	45.5	12.5	18.7#

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#75

Fluoranthene

Concen: 22.579 ng

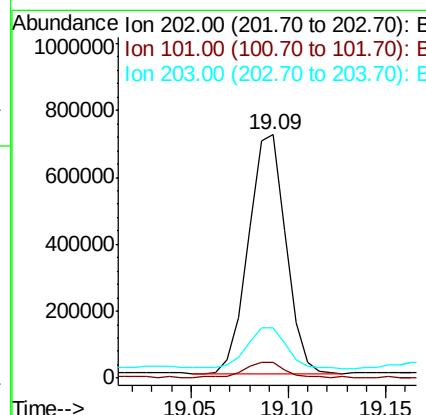
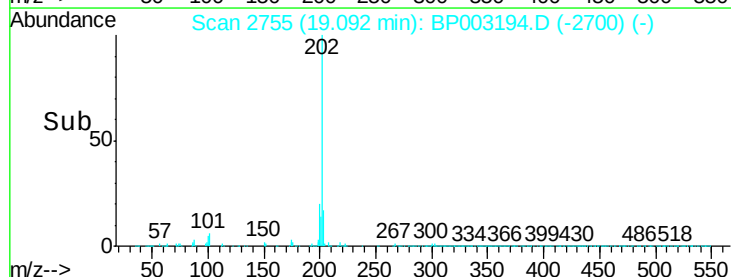
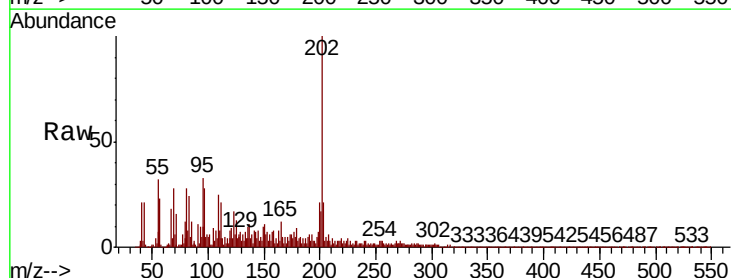
RT: 19.09 min Scan# 2755

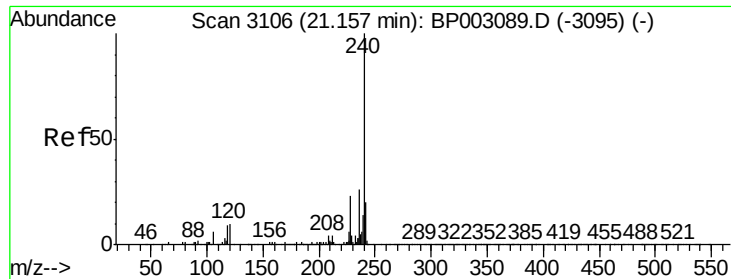
Delta R.T. 0.02 min

Lab File: BP003194.D

Acq: 02 Sep 2020 19:20

Tgt Ion:	202	Resp:	947906
Ion Ratio	Lower	Upper	
202	100		
101	6.2	0.0	29.4
203	20.9	0.0	37.8





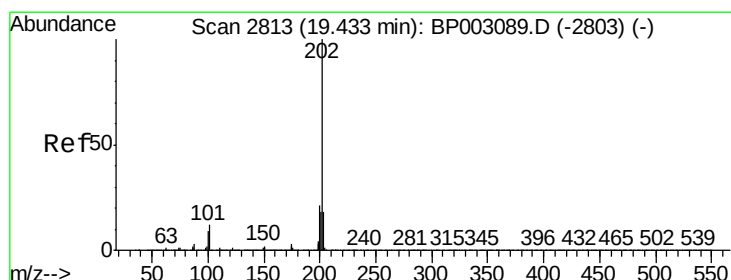
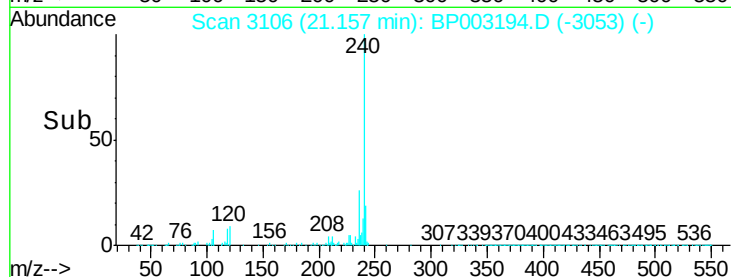
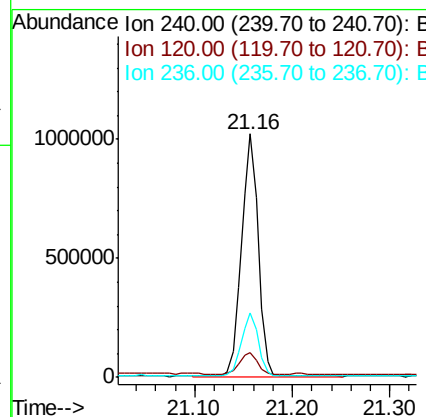
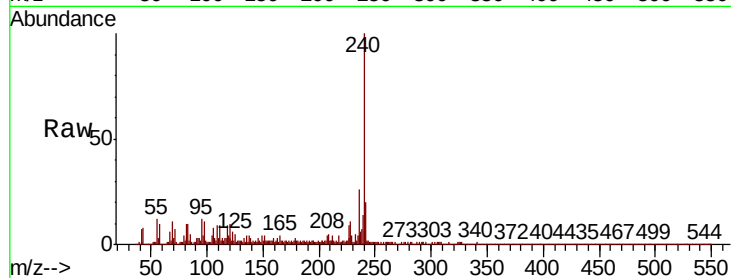
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Instrument :
BNA_P
ClientSampled :
VNJ-215

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.8	11.6
236	26.5	20.8	31.2

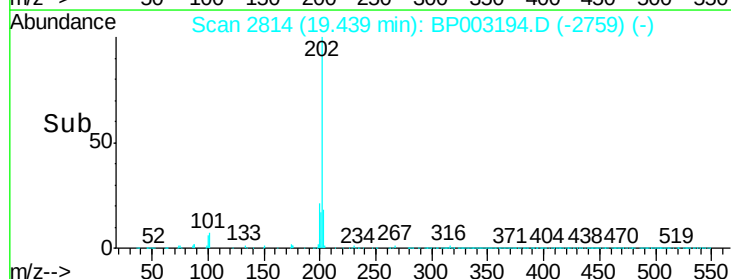
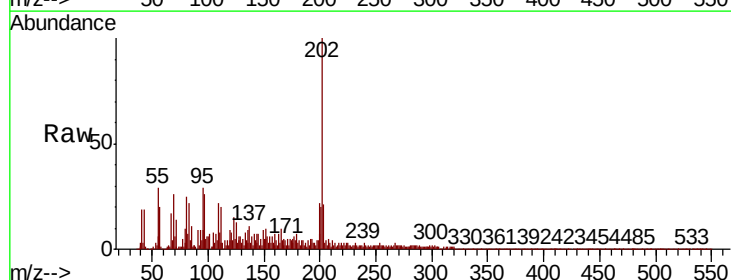
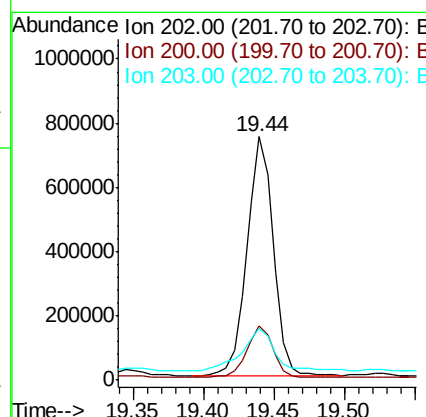
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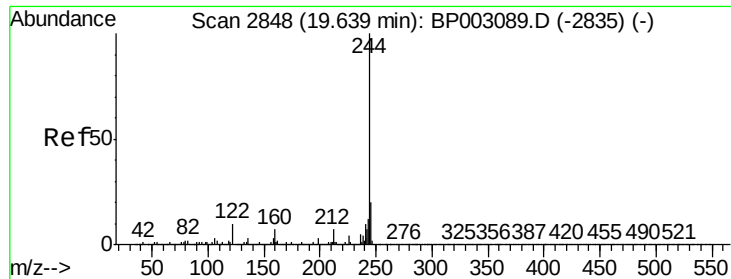
mohammad
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#78
Pyrene
Concen: 12.471 ng
RT: 19.44 min Scan# 2814
Delta R.T. 0.02 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.1	25.7
203	21.2	14.2	21.2





#79

Terphenyl-d14

Concen: 22.538 ng

RT: 19.64 min Scan# 2848

Delta R.T. 0.02 min

Lab File: BP003194.D

Acq: 02 Sep 2020 19:20

Instrument :

BNA_P

ClientSampled :

VNJ-215

Tot Ion:244 Resp: 1231686

Ion Ratio Lower Upper

244 100

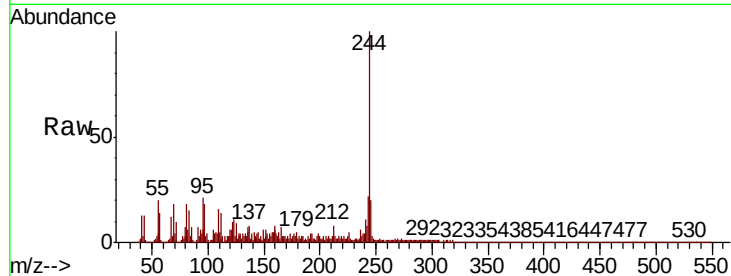
212 8.0 5.8 8.6

122 10.0 7.8 11.8

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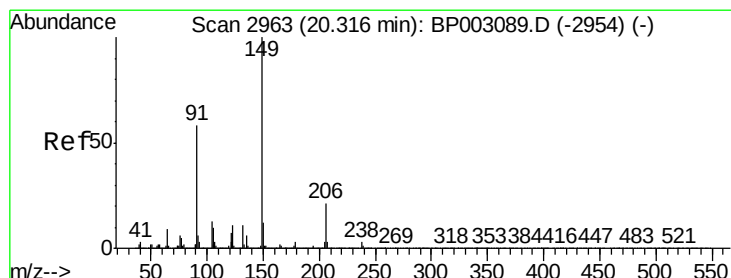
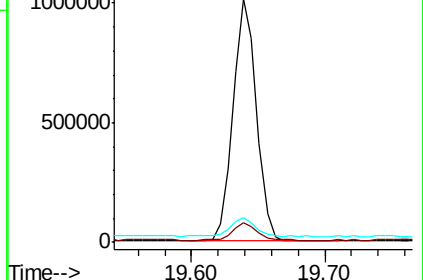
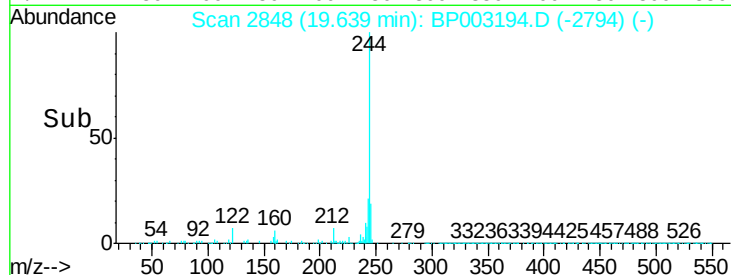
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 28.996 ng

RT: 20.32 min Scan# 2963

Delta R.T. 0.01 min

Lab File: BP003194.D

Acq: 02 Sep 2020 19:20

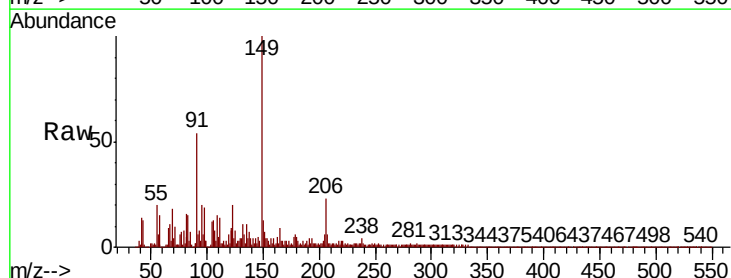
Tgt Ion:149 Resp: 931786

Ion Ratio Lower Upper

149 100

91 53.6 45.4 68.0

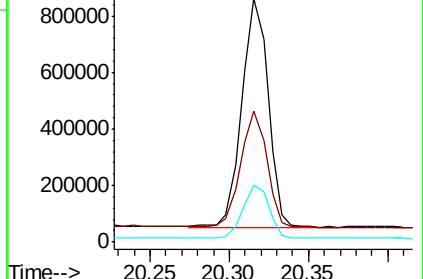
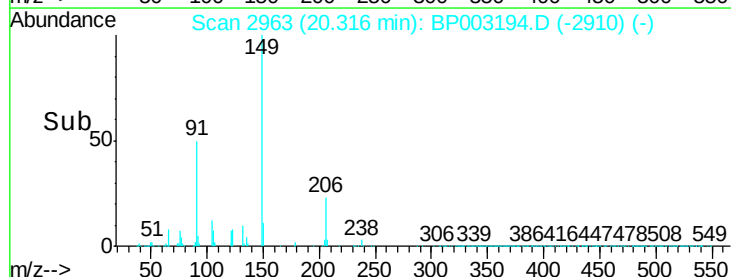
206 23.1 17.1 25.7

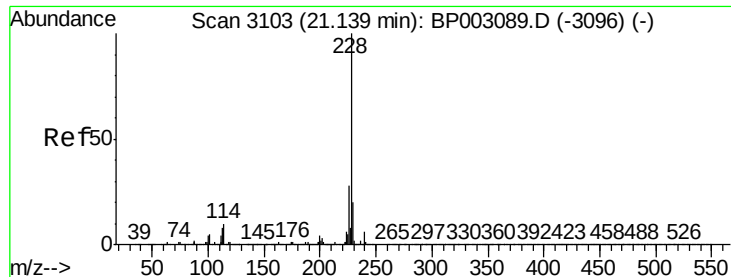


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





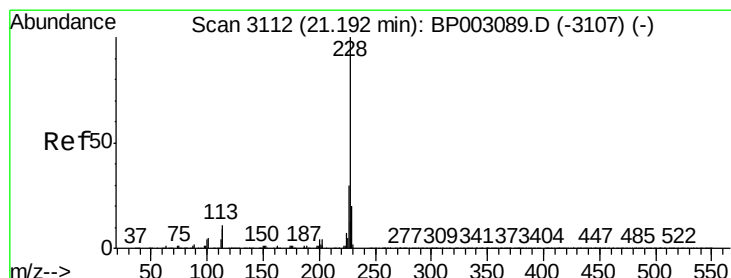
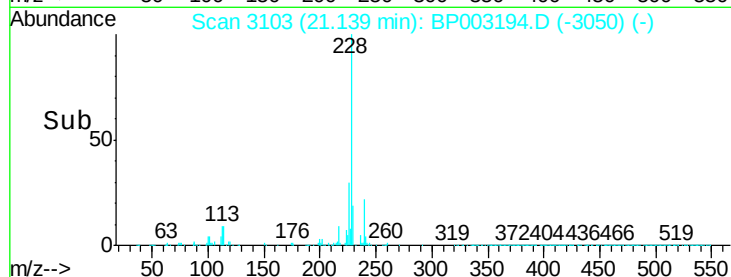
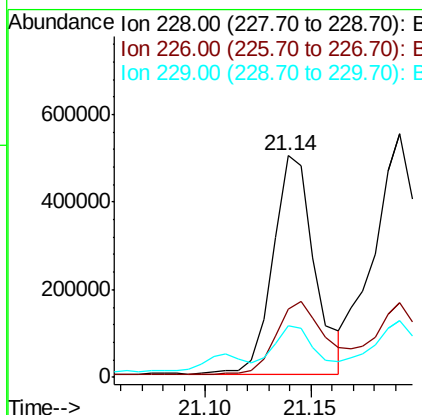
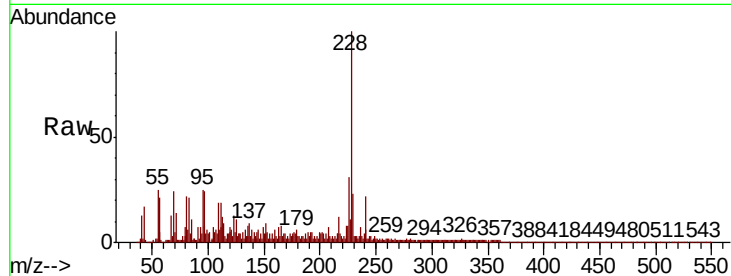
#81
Benzo(a)anthracene
Concen: 9.065 ng
RT: 21.14 min Scan# 3103
Delta R.T. 0.01 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Instrument :
BNA_P
ClientSampleId :
VNJ-215

Tot Ion:	228	Resp:	682848
Ion Ratio	Lower	Upper	
228	100		
226	31.0	22.1	33.1
229	23.2	15.9	23.9

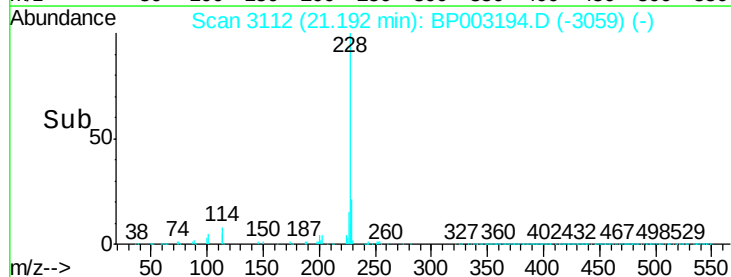
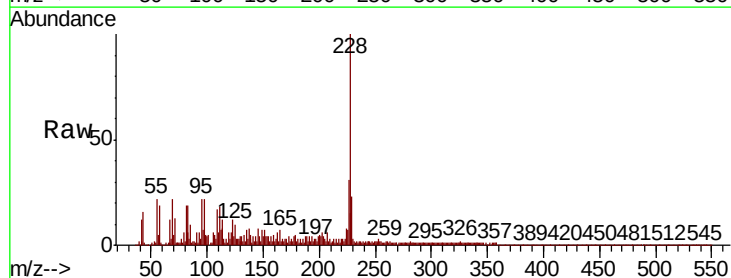
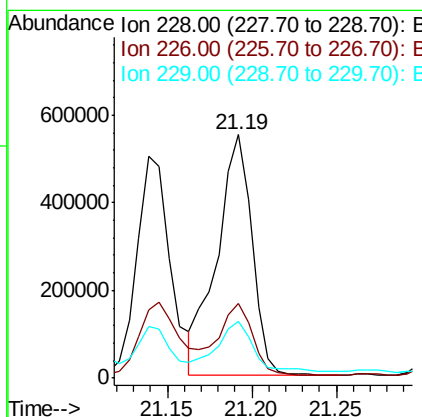
Manual Integrations
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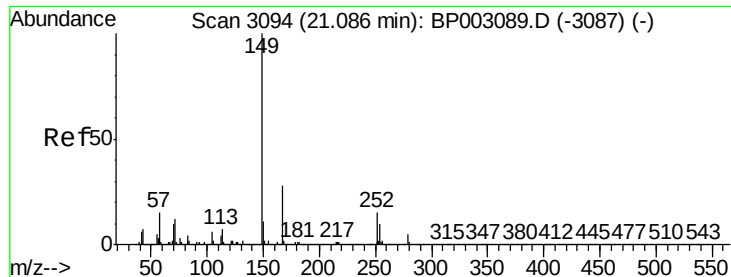
mohammad
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#83
Chrysene
Concen: 10.954 ng
RT: 21.19 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Tgt Ion:	228	Resp:	789970
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.4	36.6
229	23.2	15.8	23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.988 ng

RT: 21.08 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BP003194.D

Acq: 02 Sep 2020 19:20

Instrument :

BNA_P

ClientSampled :

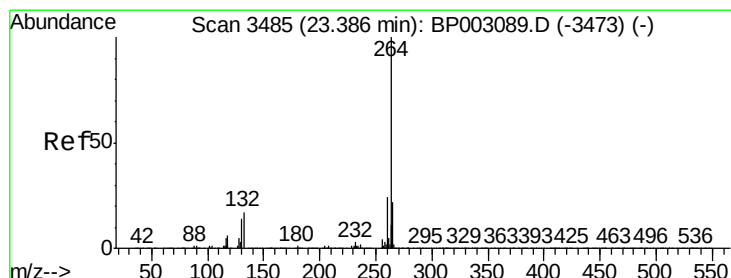
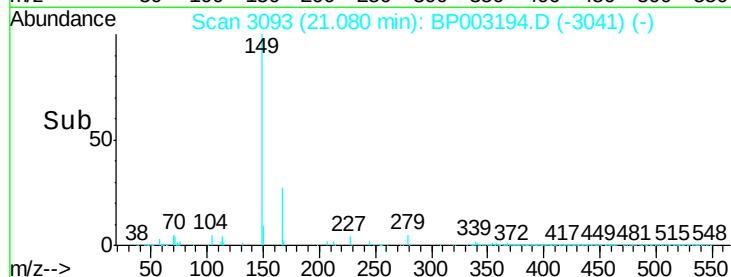
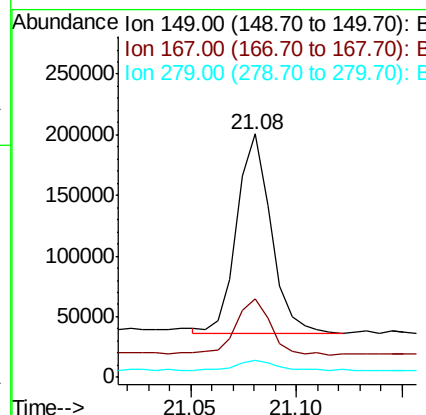
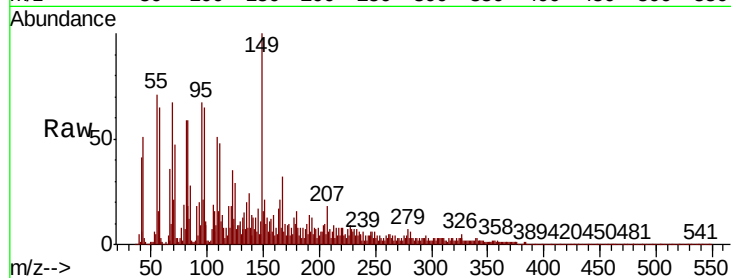
VNJ-215

Tot Ion:	149	Resp:	185050
Ion Ratio	Lower	Upper	
149	100		
167	32.5	22.6	34.0
279	7.3	4.2	6.2

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

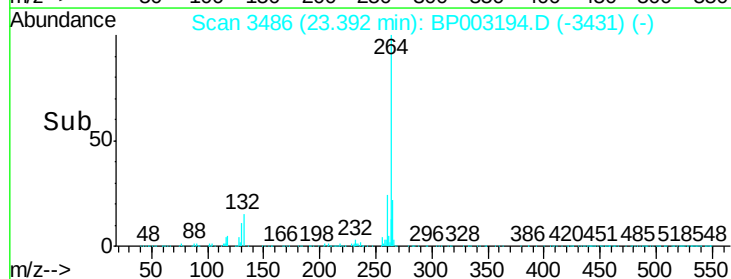
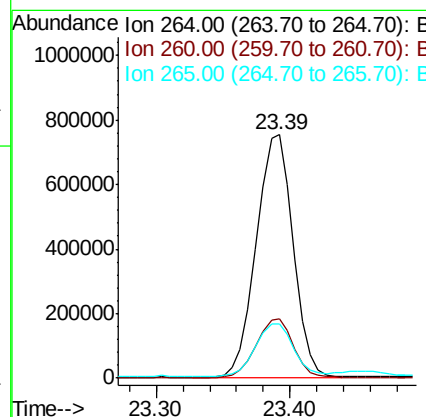
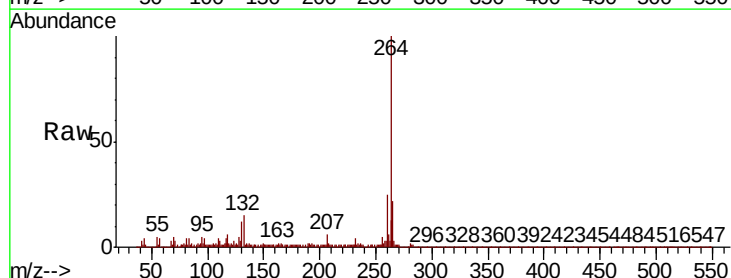
RT: 23.39 min Scan# 3486

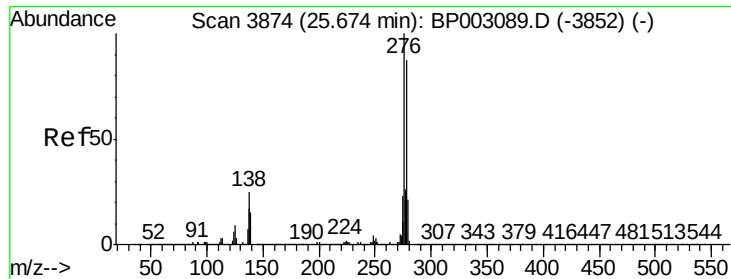
Delta R.T. 0.02 min

Lab File: BP003194.D

Acq: 02 Sep 2020 19:20

Tgt Ion:	264	Resp:	1432449
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.8	28.2
265	22.4	17.4	26.2





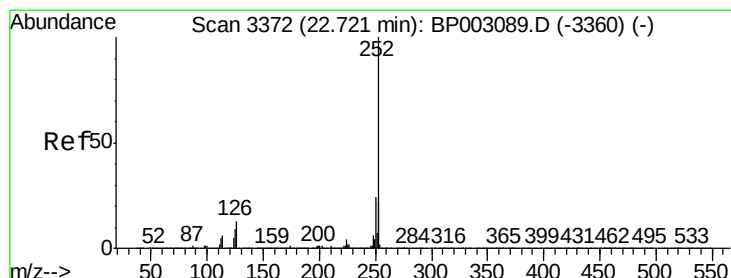
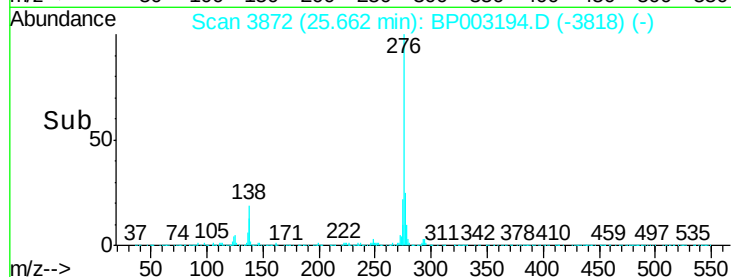
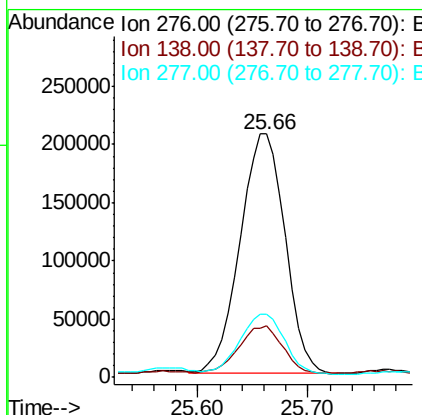
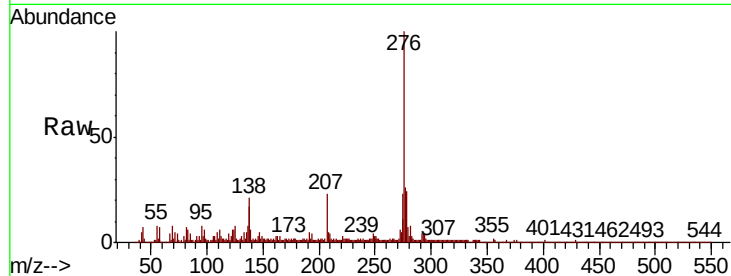
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.522 ng
 RT: 25.66 min Scan# 3872
 Delta R.T. 0.02 min
 Lab File: BP003194.D
 Acq: 02 Sep 2020 19:20

Instrument :
 BNA_P
 ClientSampled :
 VNJ-215

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	18.7	28.1
277	25.1	20.4	30.6

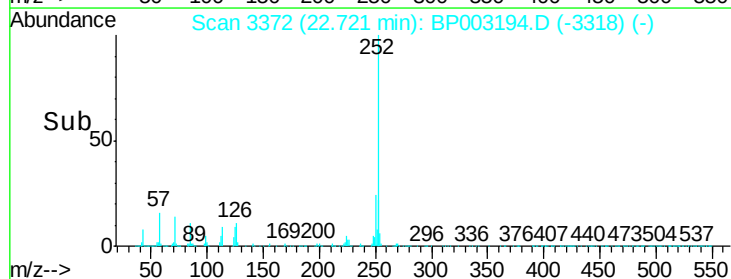
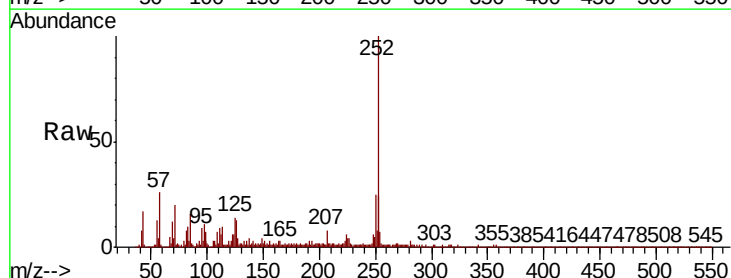
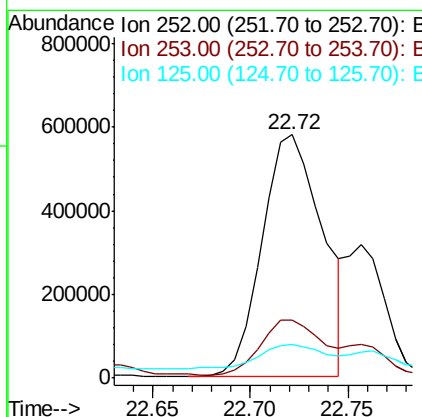
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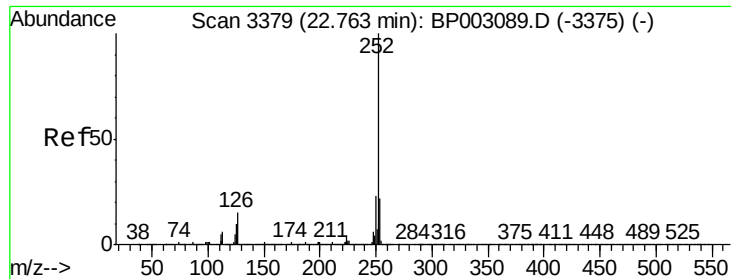
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 13.910 ng m
 RT: 22.72 min Scan# 3372
 Delta R.T. 0.02 min
 Lab File: BP003194.D
 Acq: 02 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	13.7	7.3	10.9





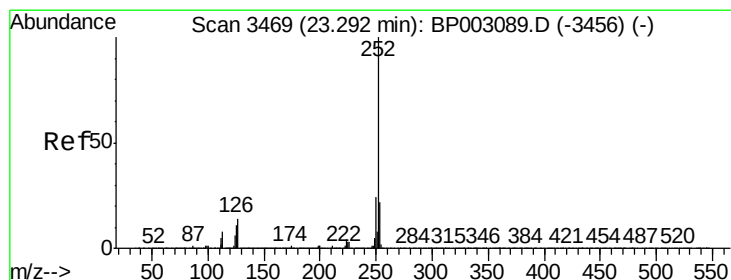
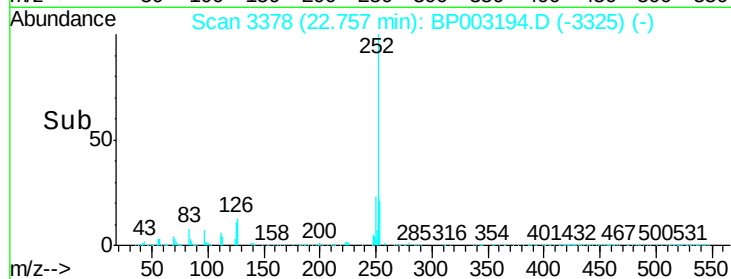
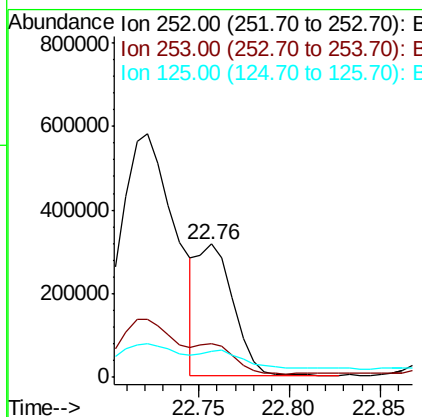
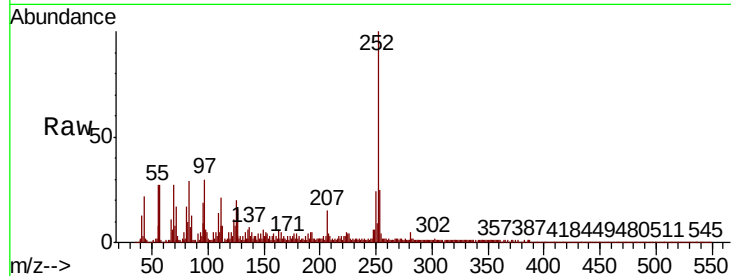
#89
Benzo(k)fluoranthene
Concen: 4.998 ng/mL
RT: 22.76 min Scan# 3378
Delta R.T. 0.01 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Instrument :
BNA_P
ClientSampleId :
VNJ-215

Tot Ion:	252	Resp:	425180
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.8	26.8
125	20.0	7.4	11.2#

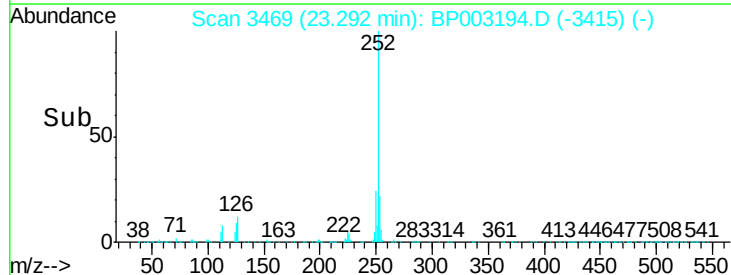
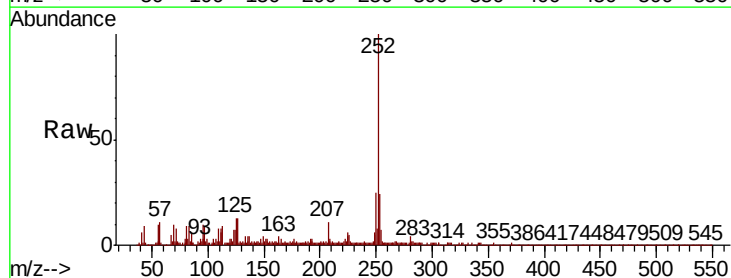
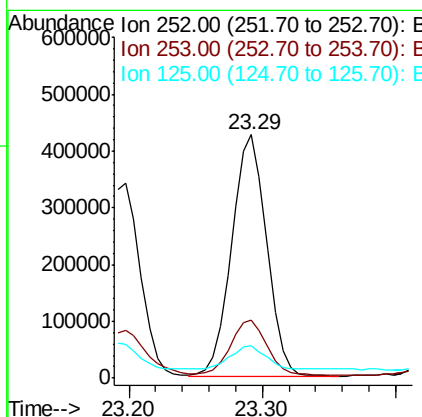
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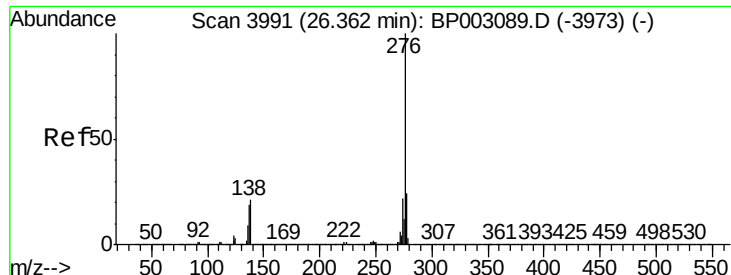
mohammad
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#90
Benzo(a)pyrene
Concen: 9.341 ng/mL
RT: 23.29 min Scan# 3469
Delta R.T. 0.02 min
Lab File: BP003194.D
Acq: 02 Sep 2020 19:20

Tgt Ion:	252	Resp:	771540
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.0
125	13.3	8.2	12.4#





#92

Benzo(a,h,i)perylene

Concen: 6.534 ng

RT: 26.35 min Scan# 3989

Delta R.T. 0.02 min

Lab File: BP003194.D

Acq: 02 Sep 2020 19:20

Instrument :

BNA_P

ClientSampleId :

VNJ-215

Tot Ion:	276	Resp:	575409
Ion Ratio	Lower	Upper	
276	100		
277	25.2	19.0	28.6
138	20.3	16.6	24.8

Manual Integrations
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