

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
 Data File : BM026852.D
 Acq On : 23 Jul 2020 15:41
 Operator : JU/CG
 Sample : L3380-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-221

Manual Integrations
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Quant Time: Jul 23 16:56:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 14:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	99890	20.00	ng	-0.02
21) Naphthalene-d8	10.04	136	387056	20.00	ng	-0.01
39) Acenaphthene-d10	13.96	164	285965	20.00	ng	0.00
64) Phenanthrene-d10	16.77	188	708758	20.00	ng	0.04
76) Chrysene-d12	20.97	240	626347	20.00	ng	0.02
86) Perylene-d12	23.02	264	547356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	501811	84.20	ng	-0.02
7) Phenol-d6	6.50	99	668945	70.45	ng	-0.02
23) Nitrobenzene-d5	8.43	82	469441	51.74	ng	-0.02
42) 2,4,6-Tribromophenol	15.49	330	355284	85.29	ng	0.02
45) 2-Fluorobiphenyl	12.55	172	895225	41.62	ng	-0.01
79) Terphenyl-d14	19.42	244	1802027	56.62	ng	0.03
Target Compounds						
50) Dimethylphthalate	13.43	163	139020	5.684	ng	# 82
75) Fluoranthene	18.84	202	172399	3.345	ng	# 46
78) Pyrene	19.20	202	184563	4.678	ng	# 54
83) Chrysene	21.00	228	96164	2.348	ng	# 75
84) Bis(2-ethylhexyl)phthalate	20.90	149	74277	2.619	ng	# 77
87) Indeno(1,2,3-cd)pyrene	25.01	276	78632	2.018	ng	# 97
88) Benzo(b)fluoranthene	22.42	252	160017m	4.437	ng	# 64
90) Benzo(a)pyrene	22.93	252	81664	2.439	ng	# 87
92) Benzo(g,h,i)perylene	25.61	276	77536	2.558	ng	# 87

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

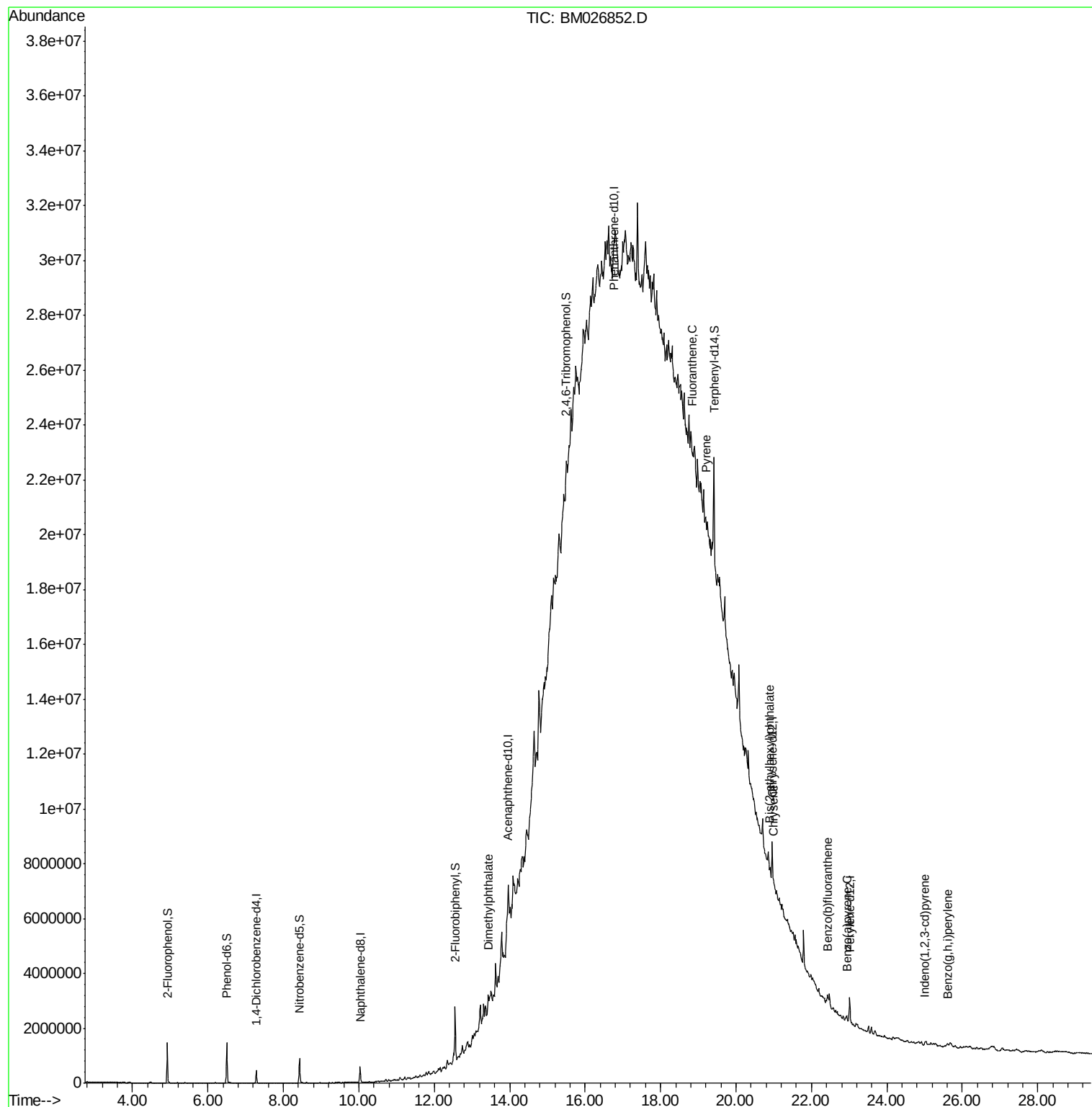
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026852.D
Acq On : 23 Jul 2020 15:41
Operator : JU/CG
Sample : L3380-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

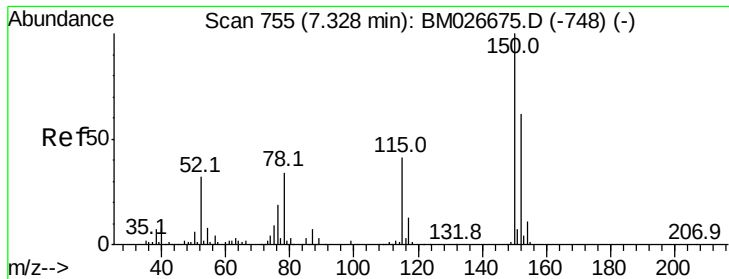
Instrument :
BNA_M
ClientSampleId :
VNJ-221

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Quant Time: Jul 23 16:56:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 14:16:10 2020
Response via : Initial Calibration





#1

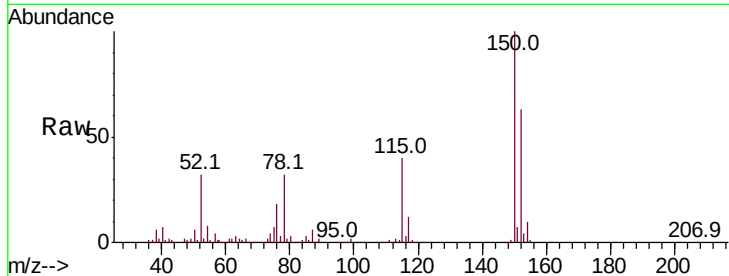
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.28 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM026852.D
Acq: 23 Jul 2020 15:41

Instrument :
BNA_M
ClientSampled :
VNJ-221

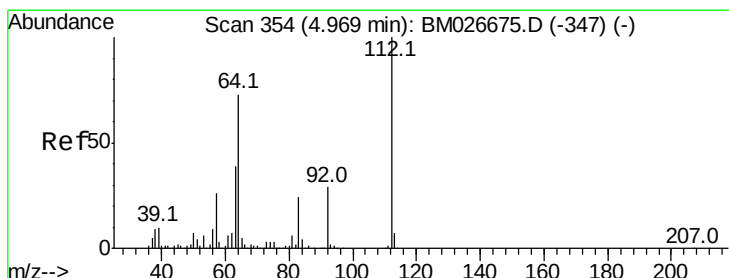
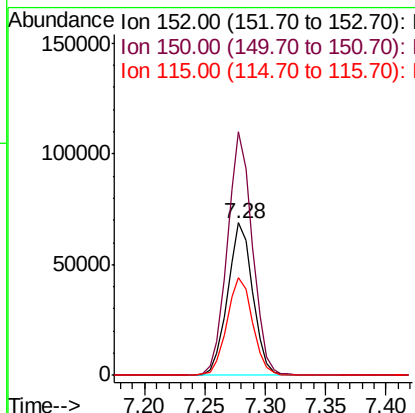
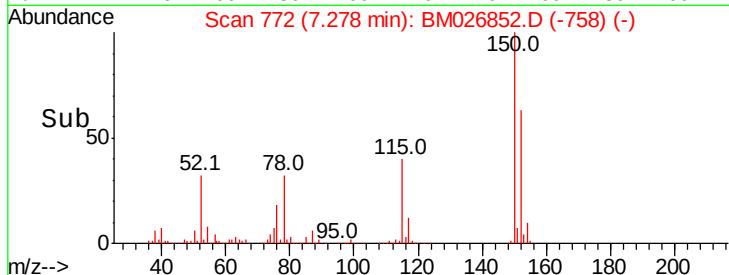
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	128.1	192.1
115	64.4	52.2	78.4

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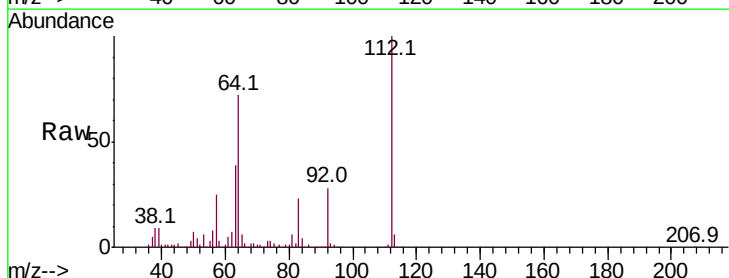
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



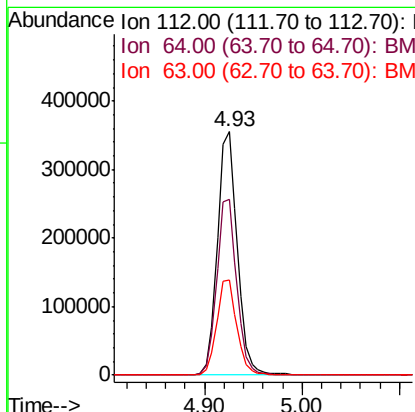
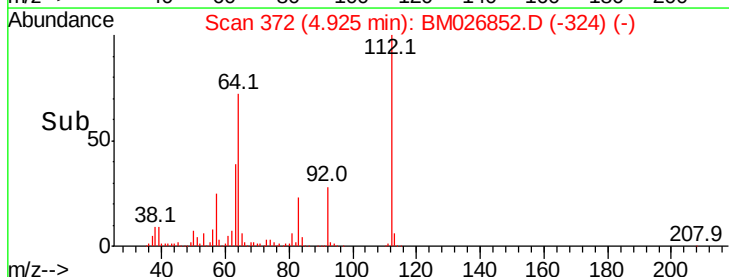
#5

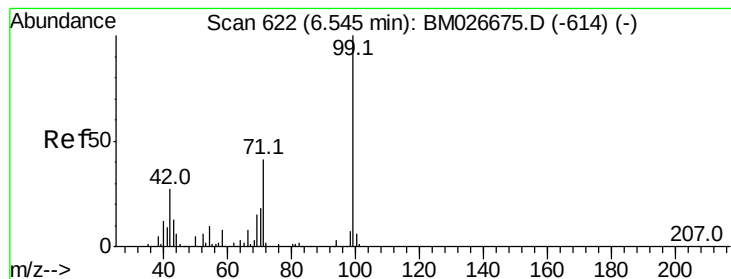
2-Fluorophenol
Concen: 84.201 ng
RT: 4.93 min Scan# 372
Delta R.T. -0.02 min
Lab File: BM026852.D
Acq: 23 Jul 2020 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	58.4	87.6
63	39.1	31.5	47.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 70.450 ng

RT: 6.50 min Scan# 639

Delta R.T. -0.02 min

Lab File: BM026852.D

Acq: 23 Jul 2020 15:41

Instrument :

BNA_M

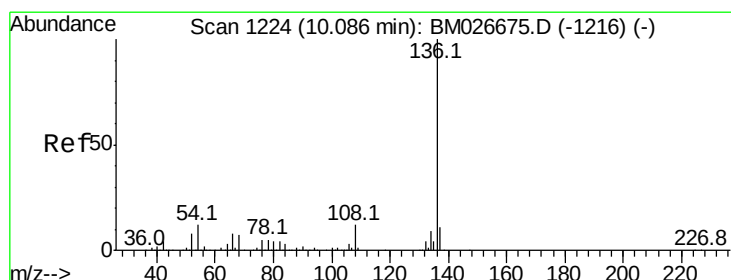
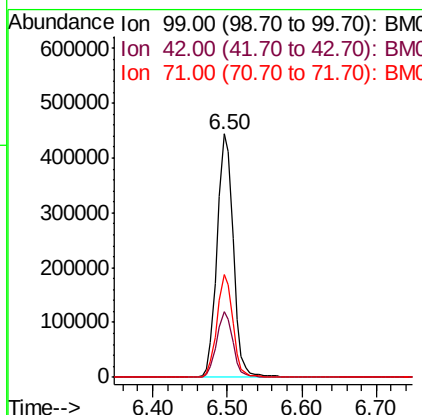
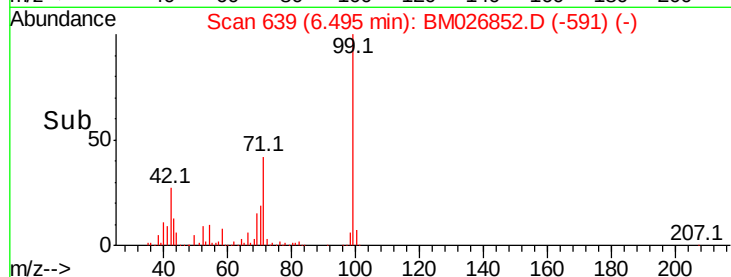
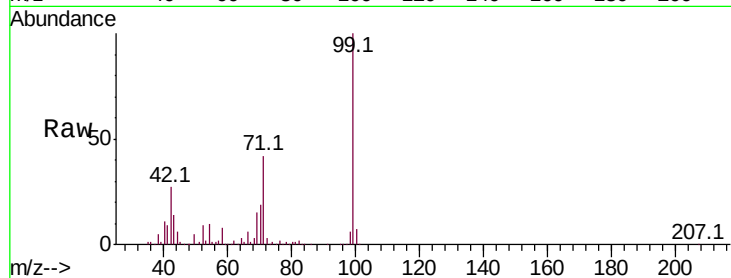
ClientSampleId :

VNJ-221

Tot Ion	Ratio	Resp	Lower	Upper
99	100	668945		
42	26.9		21.7	32.5
71	42.2		33.2	49.8

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#21

Naphthalene-d8

Concen: 20.000 ng

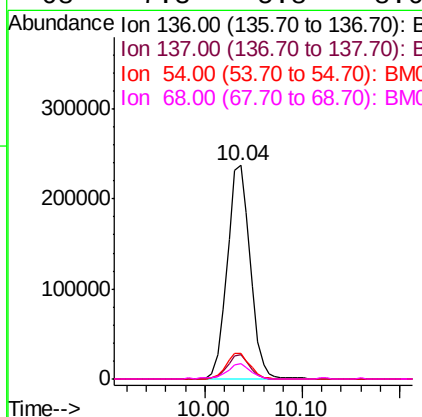
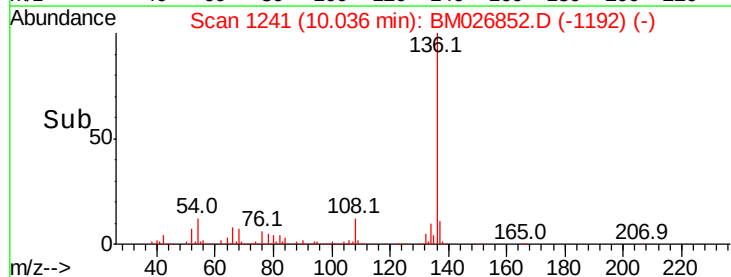
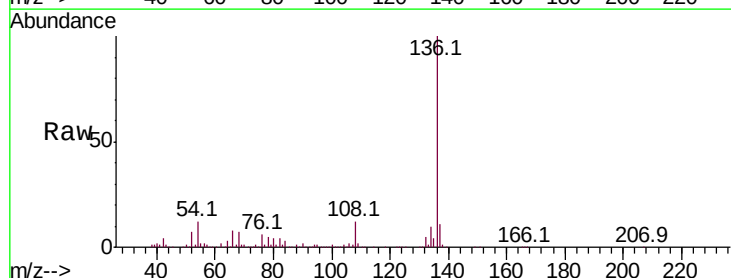
RT: 10.04 min Scan# 1241

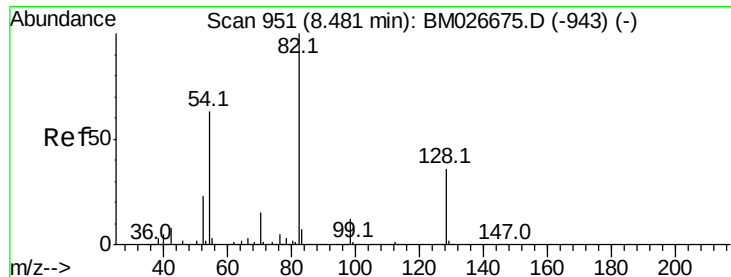
Delta R.T. -0.01 min

Lab File: BM026852.D

Acq: 23 Jul 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	387056		
137	11.4		8.6	12.8
54	11.7		9.8	14.6
68	7.3		5.8	8.6





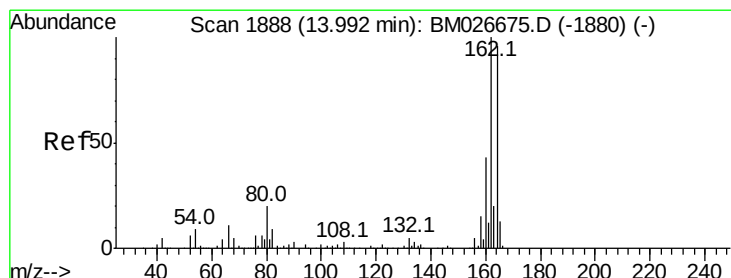
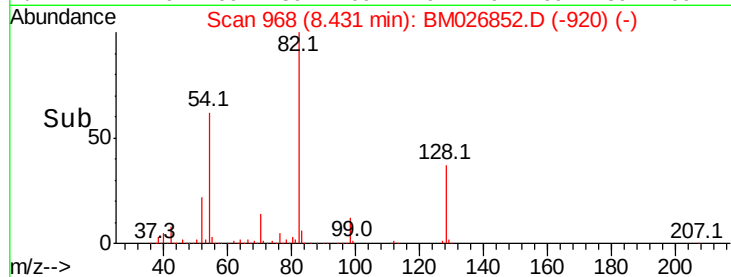
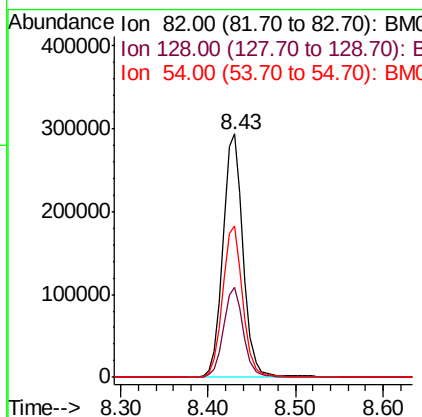
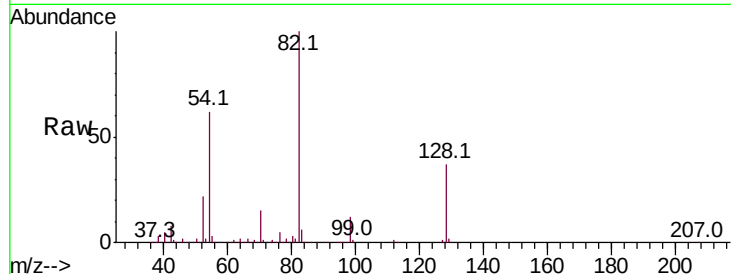
#23
 Nitrobenzene-d5
 Concen: 51.744 ng
 RT: 8.43 min Scan# 968
 Delta R.T. -0.02 min
 Lab File: BM026852.D
 Acq: 23 Jul 2020 15:41

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-221

Tot Ion:	82	Resp:	469441
Ion Ratio	Lower	Upper	
82	100		
128	37.2	29.1	43.7
54	62.4	50.2	75.4

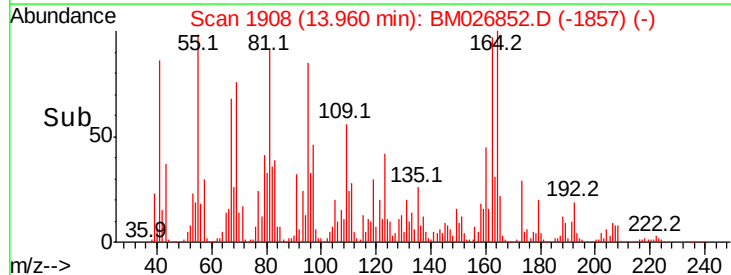
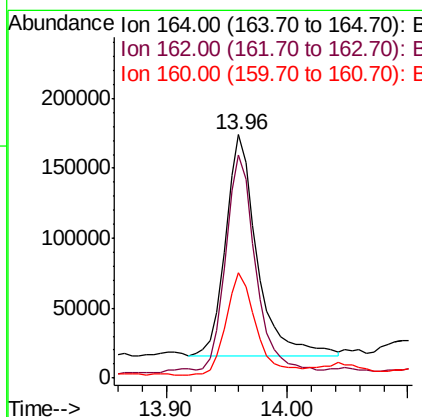
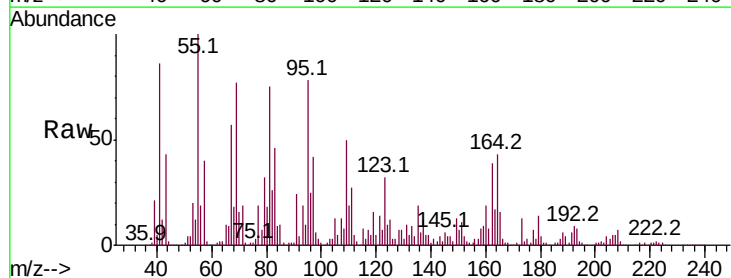
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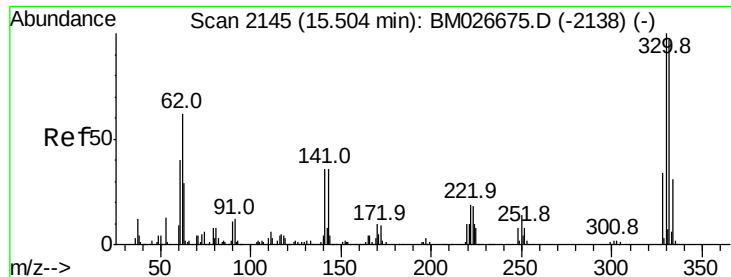
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BM026852.D
 Acq: 23 Jul 2020 15:41

Tgt Ion:	164	Resp:	285965
Ion Ratio	Lower	Upper	
164	100		
162	91.4	83.7	125.5
160	43.0	36.2	54.2





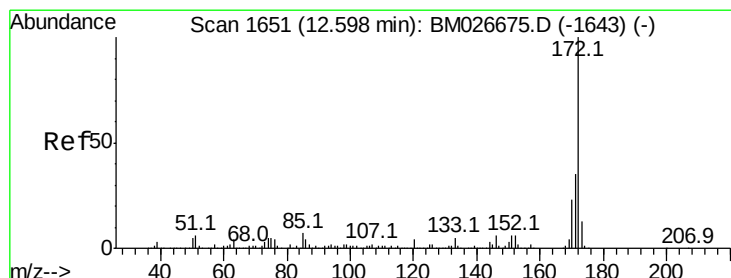
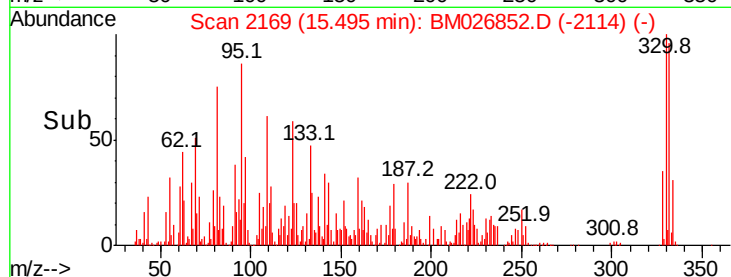
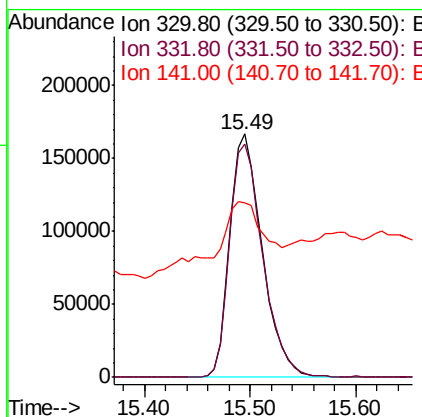
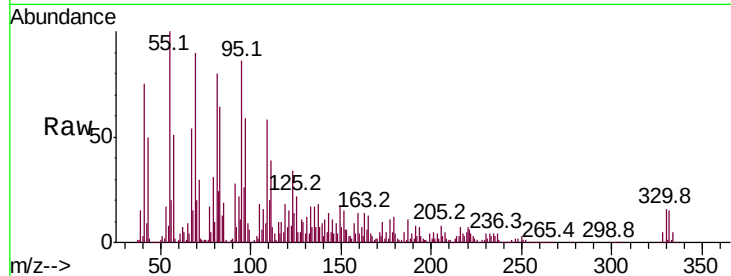
#42
 2,4,6-Tribromophenol
 Concen: 85.289 ng
 RT: 15.49 min Scan# 2169
 Delta R.T. 0.02 min
 Lab File: BM026852.D
 Acq: 23 Jul 2020 15:41

Instrument :
 BNA_M
 ClientSampled :
 VNJ-221

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.5	116.3
141	50.4	32.4	48.6

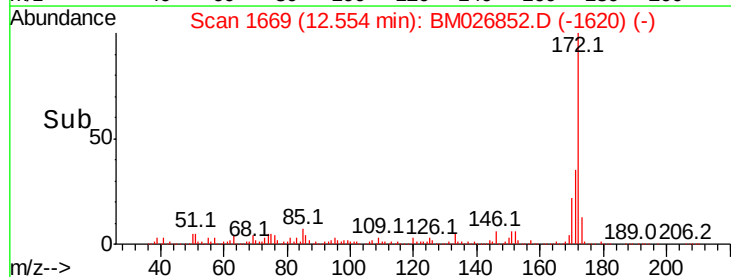
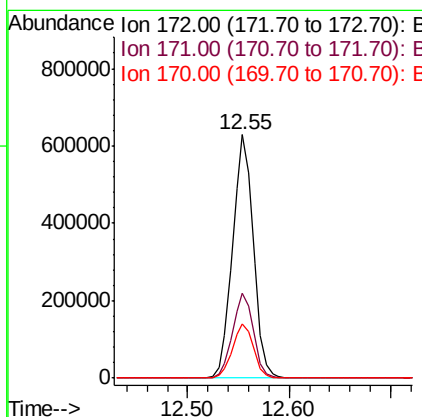
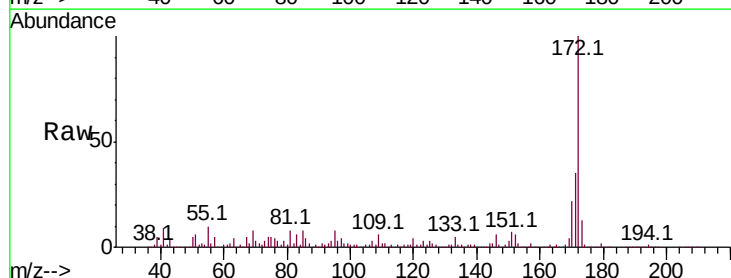
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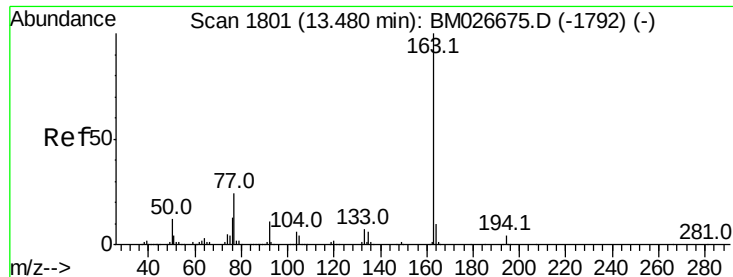
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#45
 2-Fluorobiphenyl
 Concen: 41.625 ng
 RT: 12.55 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM026852.D
 Acq: 23 Jul 2020 15:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	22.3	18.5	27.7





#50

Dimethylphthalate

Concen: 5.684 ng

RT: 13.43 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BM026852.D

Acq: 23 Jul 2020 15:41

Instrument :

BNA_M

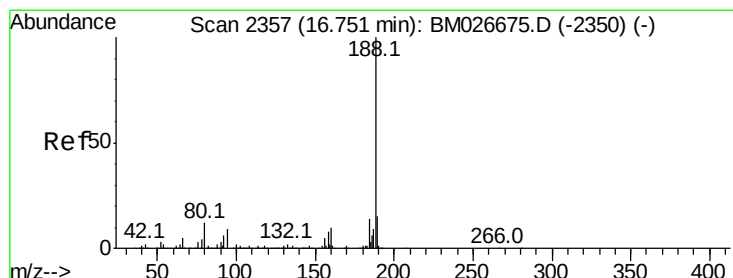
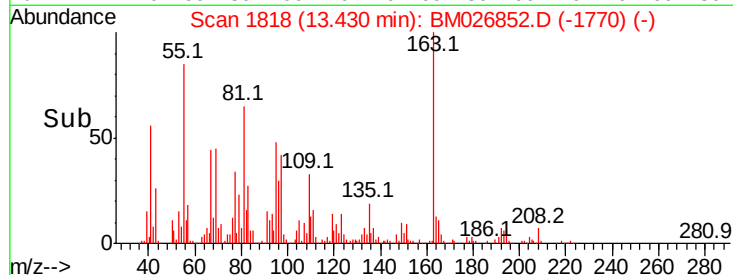
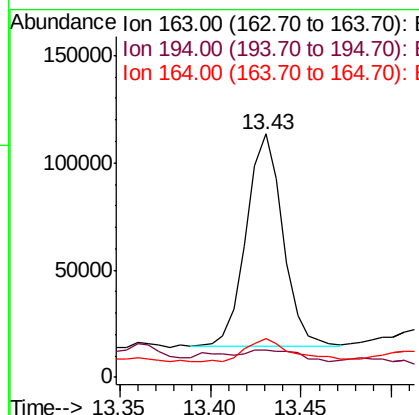
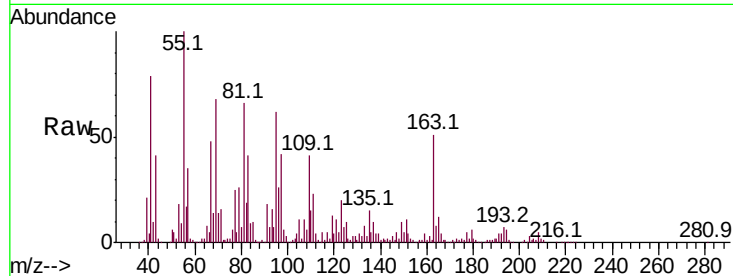
ClientSampled :

VNJ-221

Tot Ion:	163	Resp:	139020
Ion Ratio	Lower	Upper	
163	100		
194	11.0	3.4	5.2#
164	16.0	7.8	11.6#

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#64

Phenanthrene-d10

Concen: 20.000 ng

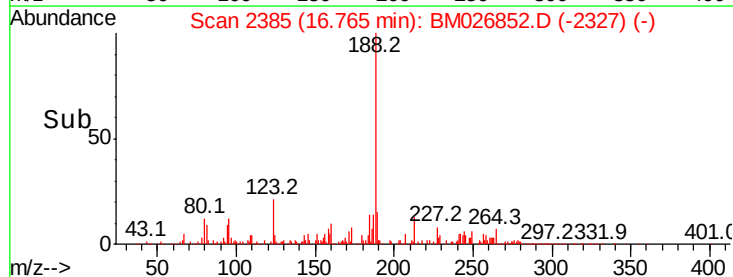
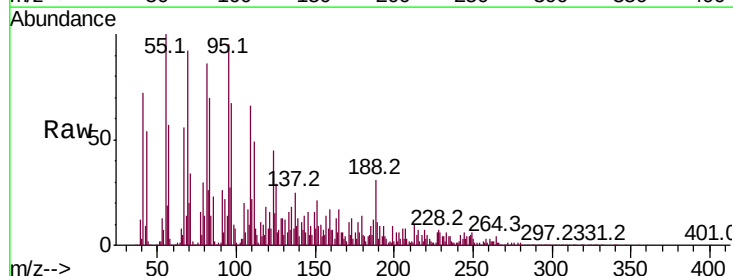
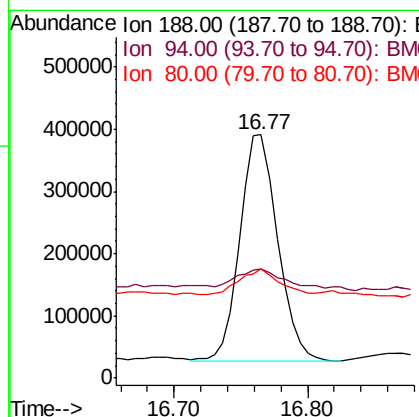
RT: 16.77 min Scan# 2385

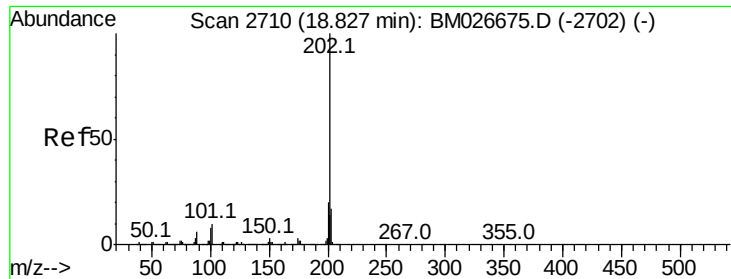
Delta R.T. 0.04 min

Lab File: BM026852.D

Acq: 23 Jul 2020 15:41

Tgt Ion:	188	Resp:	708758
Ion Ratio	Lower	Upper	
188	100		
94	45.1	7.4	11.0#
80	44.7	9.3	13.9#





#75

Fluoranthene

Concen: 3.345 ng

RT: 18.84 min Scan# 2737

Delta R.T. 0.04 min

Lab File: BM026852.D

Acq: 23 Jul 2020 15:41

Instrument :

BNA_M

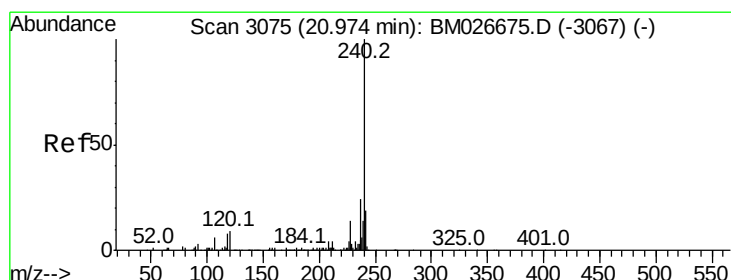
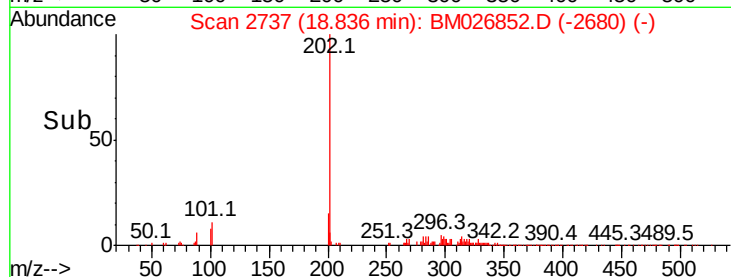
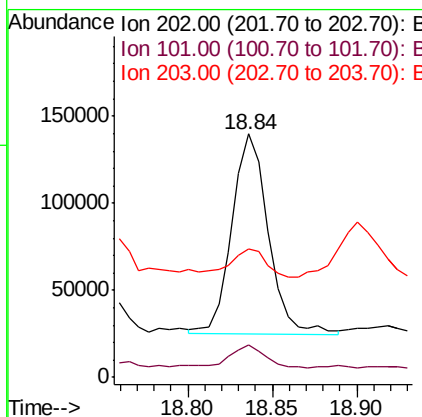
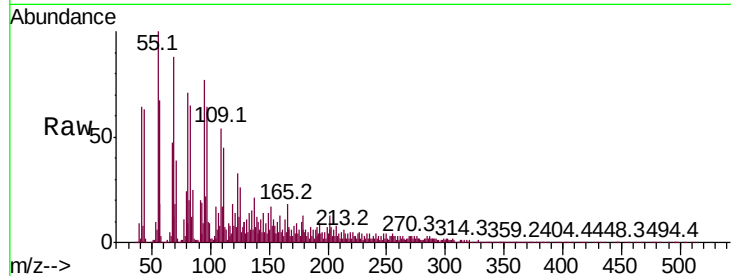
ClientSampled :

VNJ-221

Tot Ion:	202	Resp:	172399
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	30.1
203	52.6	0.0	37.2#

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#76

Chrysene-d12

Concen: 20.000 ng

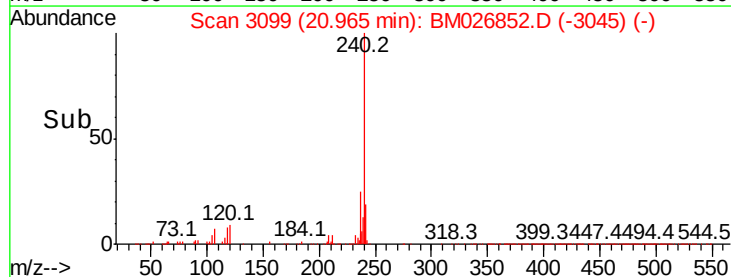
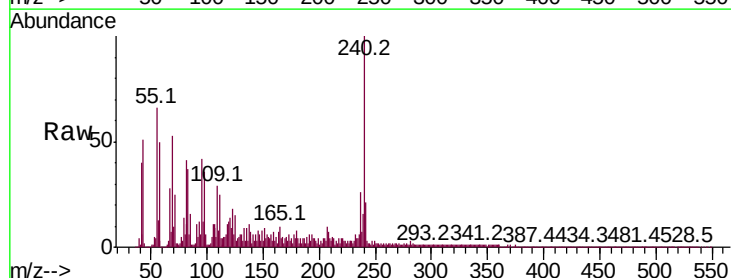
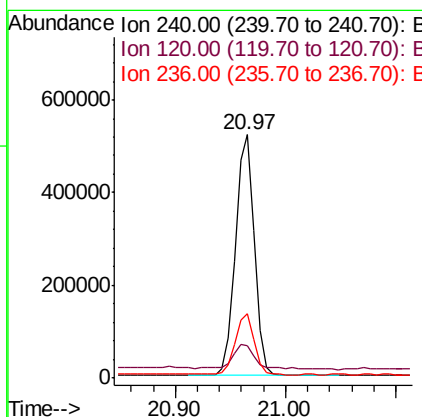
RT: 20.97 min Scan# 3099

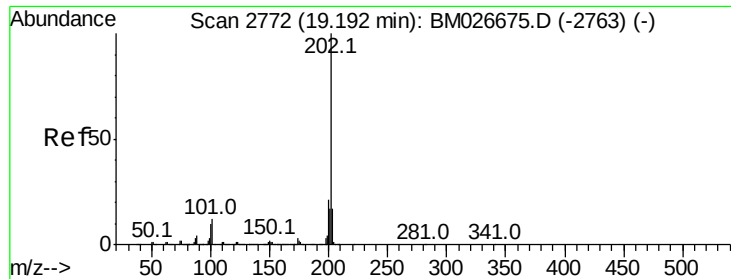
Delta R.T. 0.02 min

Lab File: BM026852.D

Acq: 23 Jul 2020 15:41

Tgt Ion:	240	Resp:	626347
Ion Ratio	Lower	Upper	
240	100		
120	13.5	7.3	10.9#
236	26.3	19.4	29.2





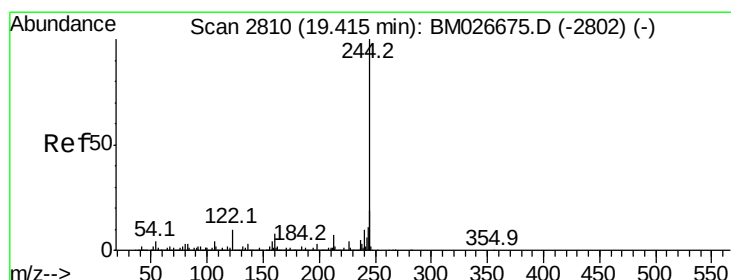
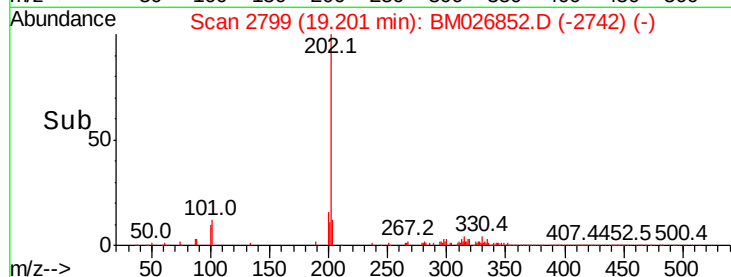
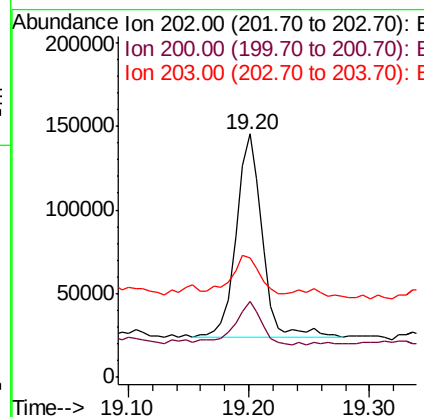
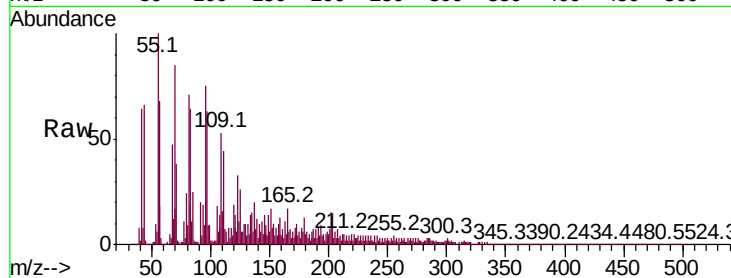
#78
Pvrene
Concen: 4.678 ng
RT: 19.20 min Scan# 2799
Delta R.T. 0.04 min
Lab File: BM026852.D
Acq: 23 Jul 2020 15:41

Instrument :
BNA_M
ClientSampleId :
VNJ-221

Tot Ion	Ratio	Lower	Upper
202	100		
200	31.4	16.6	24.8#
203	49.2	13.7	20.5#

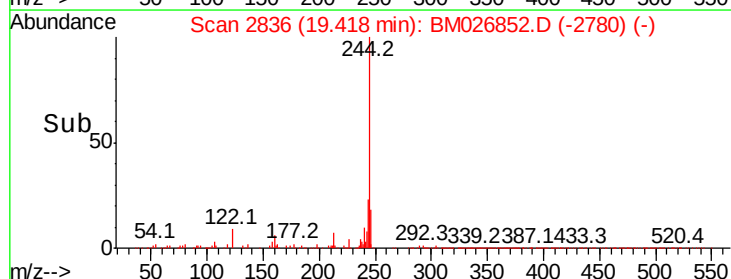
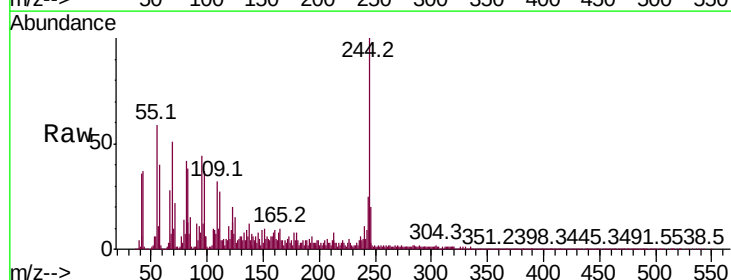
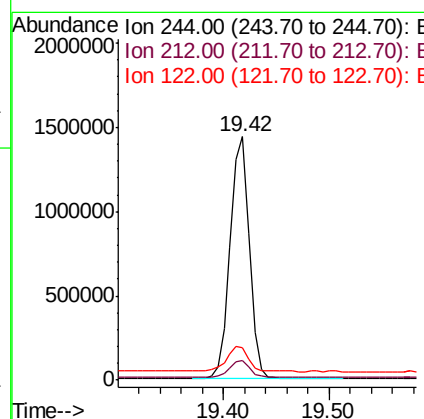
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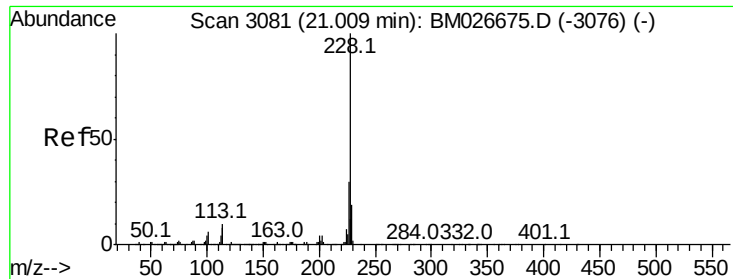
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#79
Terphenyl-d14
Concen: 56.621 ng
RT: 19.42 min Scan# 2836
Delta R.T. 0.03 min
Lab File: BM026852.D
Acq: 23 Jul 2020 15:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.9	8.9
122	13.5	8.2	12.4#





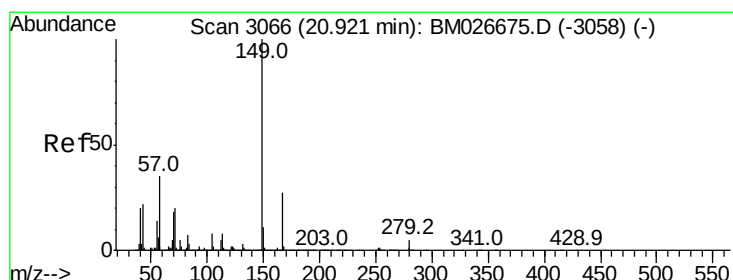
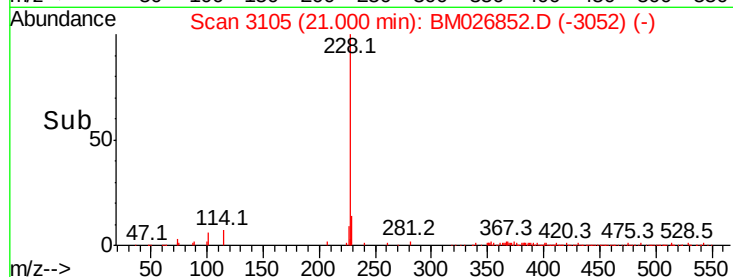
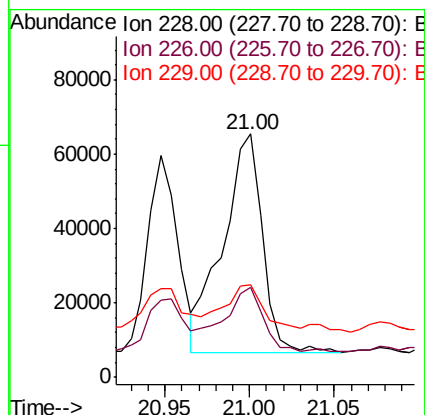
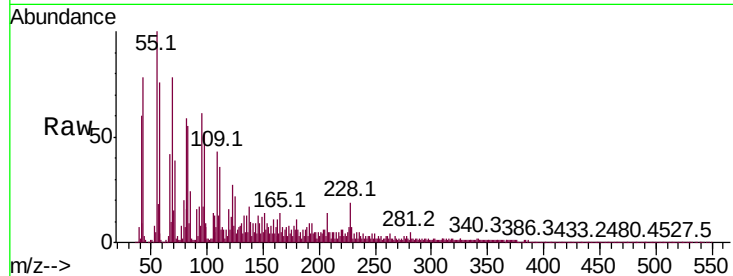
#83
Chrysene
Concen: 2.348 ng
RT: 21.00 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BM026852.D
Acq: 23 Jul 2020 15:41

Instrument :
BNA_M
ClientSampled :
VNJ-221

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.9	23.7	35.5#
229	38.2	15.4	23.0#

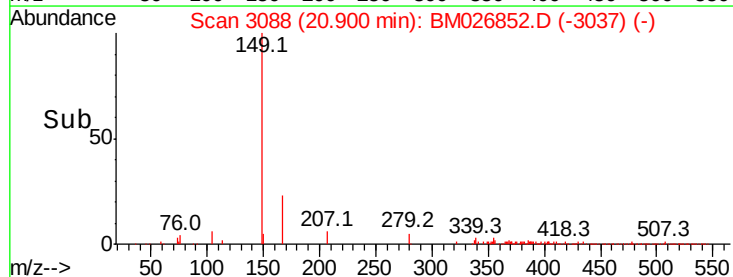
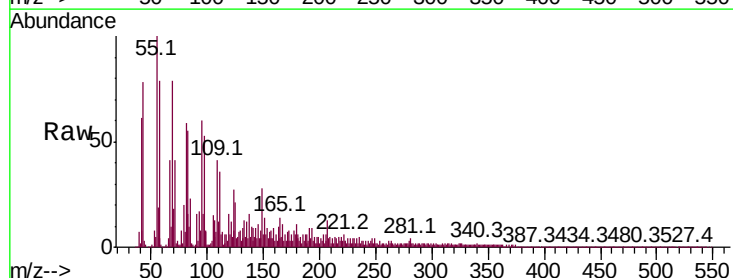
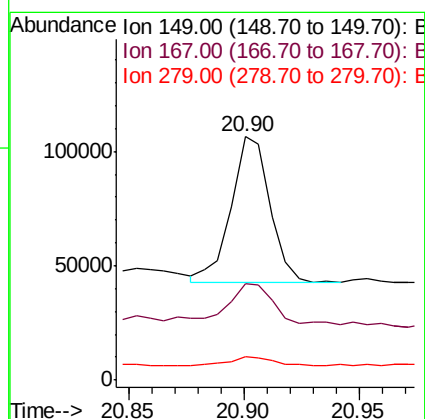
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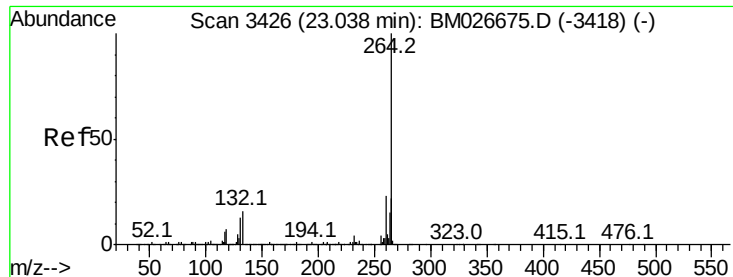
Sohil
7/24/2020 12:16:25 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.619 ng
RT: 20.90 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BM026852.D
Acq: 23 Jul 2020 15:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	39.9	21.9	32.9#
279	9.4	3.7	5.5#





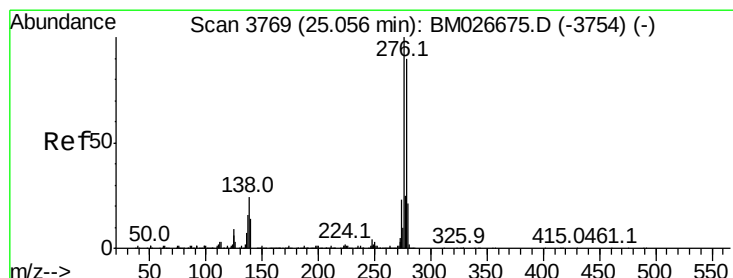
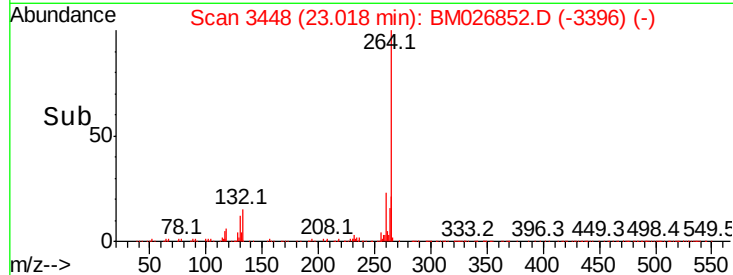
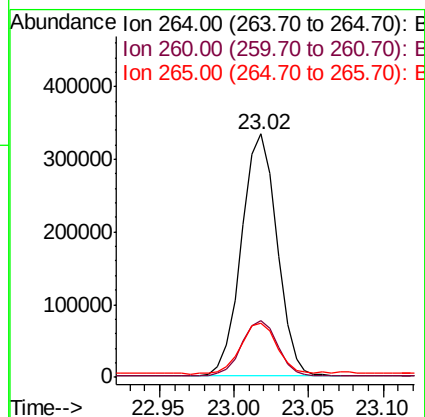
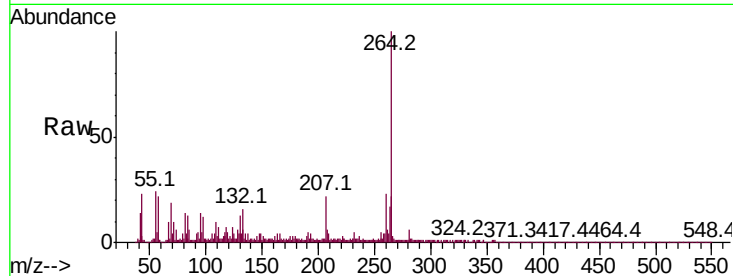
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.02 min Scan# 3448
Delta R.T. 0.01 min
Lab File: BM026852.D
Acq: 23 Jul 2020 15:41

Instrument :
BNA_M
ClientSampled :
VNJ-221

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	22.5	17.6	26.4

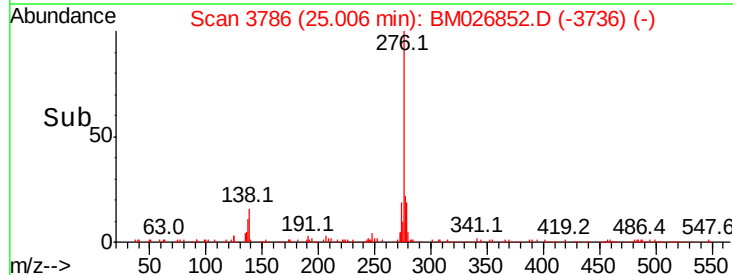
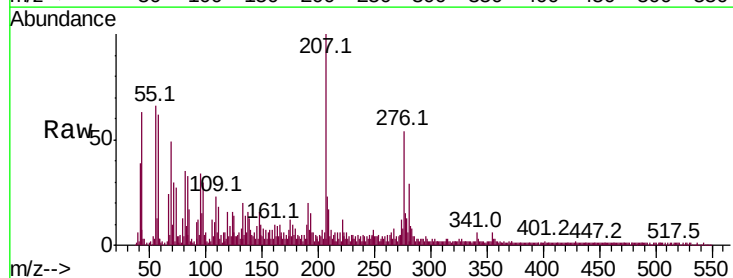
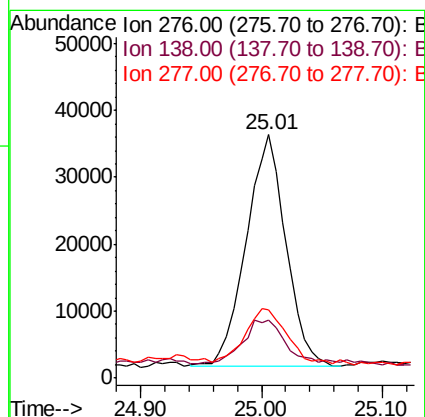
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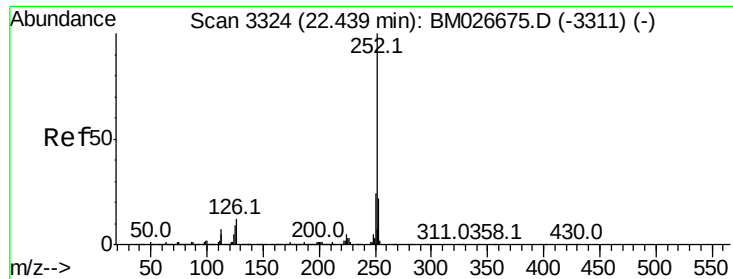
Sohil
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.018 ng
RT: 25.01 min Scan# 3786
Delta R.T. -0.01 min
Lab File: BM026852.D
Acq: 23 Jul 2020 15:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	18.4	27.6
277	25.2	20.0	30.0





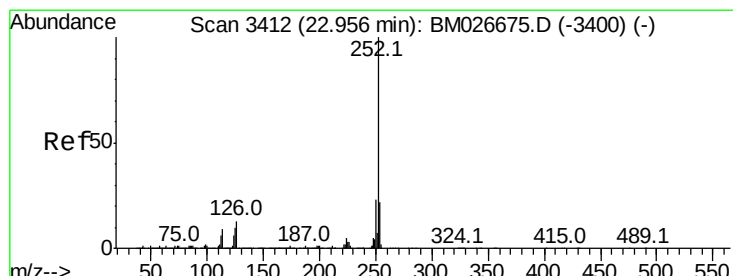
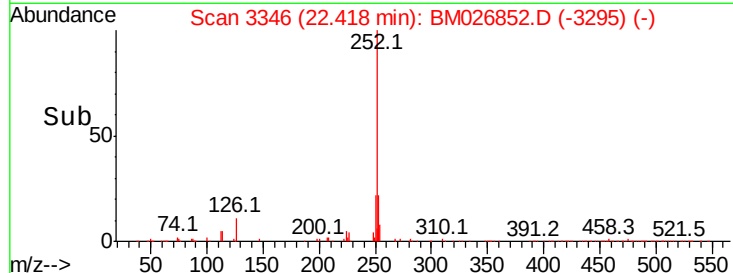
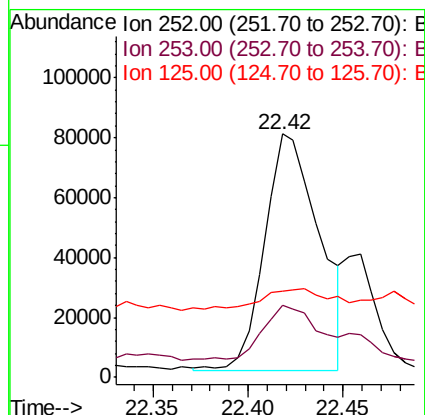
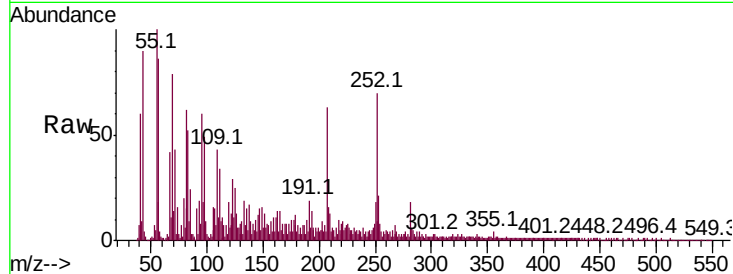
#88
Benzo(b)fluoranthene
Concen: 4.437 ng m
RT: 22.42 min Scan# 3346
Delta R.T. 0.00 min
Lab File: BM026852.D
Acq: 23 Jul 2020 15:41

Instrument :
BNA_M
ClientSampled :
VNJ-221

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.5	26.3#
125	35.2	7.5	11.3#

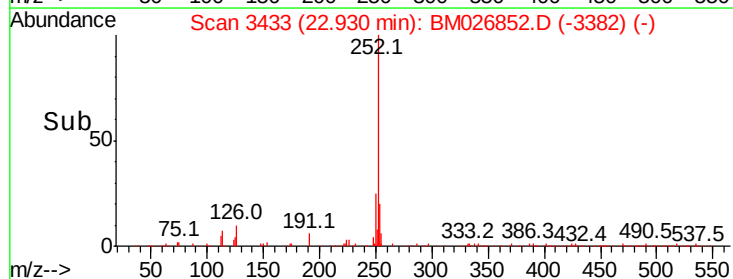
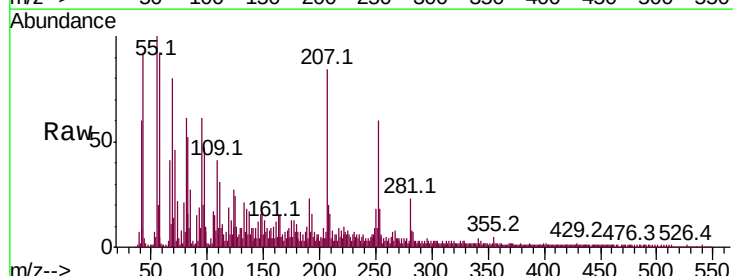
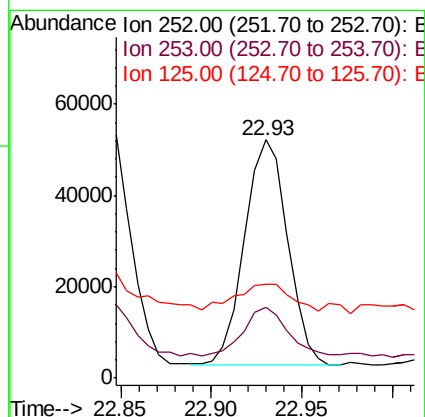
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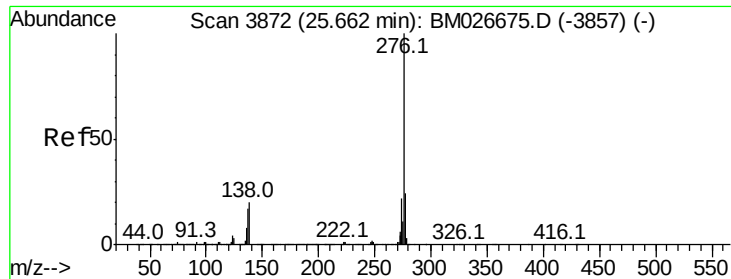
Sohil
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#90
Benzo(a)pyrene
Concen: 2.439 ng
RT: 22.93 min Scan# 3433
Delta R.T. 0.00 min
Lab File: BM026852.D
Acq: 23 Jul 2020 15:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.4	26.2#
125	39.3	8.2	12.4#





#92

Benzo(a,h,i)perylene

Concen: 2.558 ng

RT: 25.61 min Scan# 3888

Delta R.T. -0.01 min

Lab File: BM026852.D

Acq: 23 Jul 2020 15:41

Instrument :

BNA_M

ClientSampleId :

VNJ-221

Tot Ion:	276	Resp:	77536
Ion Ratio	Lower	Upper	
276	100		
277	31.1	19.1	28.7#
138	25.1	15.8	23.8#

Manual Integrations
APPROVED

Sohil
7/24/2020 12:16:25 PM

