

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
 Data File : BM026861.D
 Acq On : 23 Jul 2020 21:11
 Operator : JU/CG
 Sample : L3381-19 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-225-GRID-B5

Manual Integrations
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Sohil
 7/24/2020 12:16:32 PM

Quant Time: Jul 24 02:19:36 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	86144	20.00	ng	-0.02
21) Naphthalene-d8	10.04	136	322374	20.00	ng	-0.01
39) Acenaphthene-d10	13.95	164	182178	20.00	ng	-0.01
64) Phenanthrene-d10	16.71	188	375721	20.00	ng	-0.01
76) Chrysene-d12	20.94	240	407687	20.00	ng	0.00
86) Perylene-d12	23.01	264	438337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	130826	25.45	ng	-0.02
7) Phenol-d6	6.50	99	164739	20.12	ng	-0.01
23) Nitrobenzene-d5	8.43	82	111813	14.80	ng	-0.02
42) 2,4,6-Tribromophenol	15.46	330	54041	20.36	ng	-0.01
45) 2-Fluorobiphenyl	12.55	172	212910	15.54	ng	-0.02
79) Terphenyl-d14	19.38	244	295776	14.28	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.42	163	38076	2.444	ng	98
71) Phenanthrene	16.75	178	75904	3.422	ng	96
75) Fluoranthene	18.79	202	179852	6.583	ng	99
78) Pyrene	19.15	202	174143	6.781	ng	99
81) Benzo(a)anthracene	20.92	228	83516	3.050	ng	94
83) Chrysene	20.98	228	87256m	3.274	ng	
88) Benzo(b)fluoranthene	22.41	252	123439m	4.274	ng	
90) Benzo(a)pyrene	22.92	252	83015	3.096	ng	# 91
92) Benzo(g,h,i)perylene	25.60	276	60654	2.499	ng	# 89

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

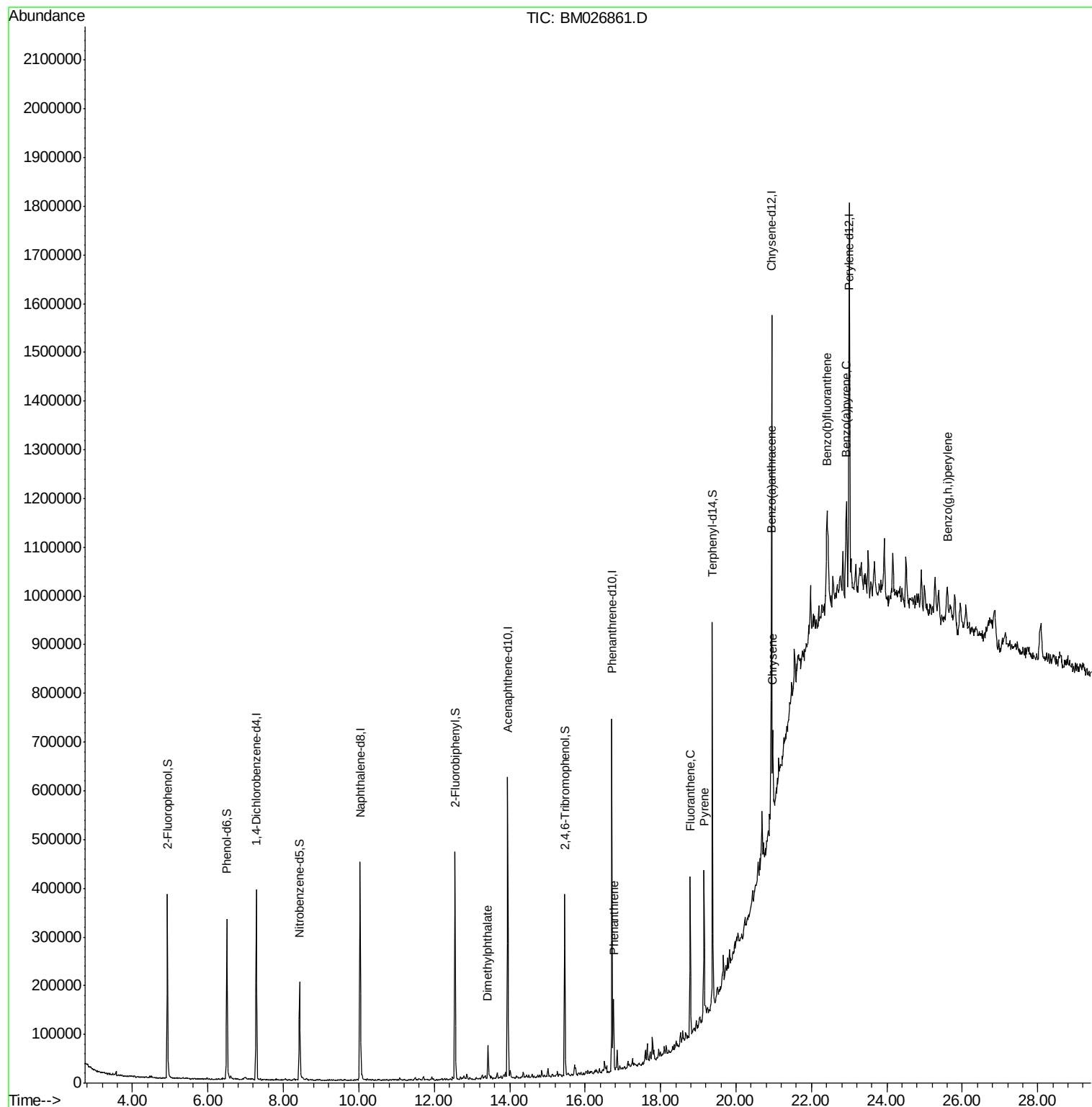
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026861.D
Acq On : 23 Jul 2020 21:11
Operator : JU/CG
Sample : L3381-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

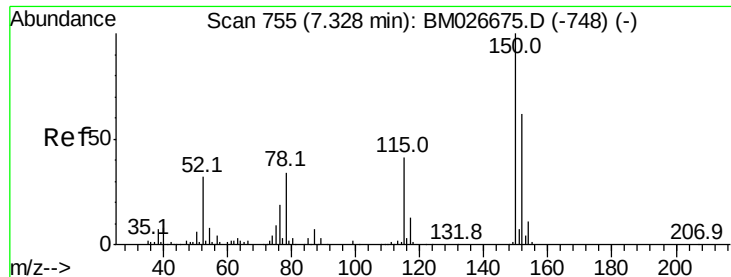
Instrument :
BNA_M
ClientSampleId :
VNJ-225-GRID-B5

Manual Integrations
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Quant Time: Jul 24 02:19:36 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

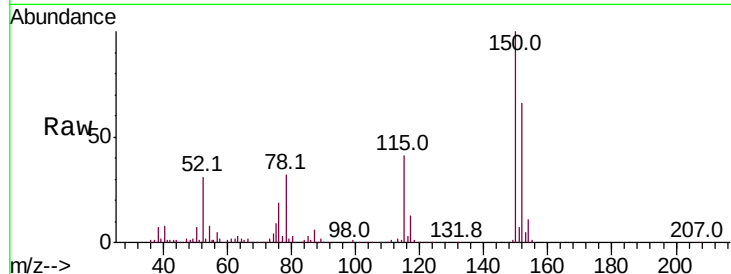
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.28 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM026861.D
Acq: 23 Jul 2020 21:11

Instrument :
BNA_M
ClientSampleId :
VNJ-225-GRID-B5

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	128.1	192.1
115	62.6	52.2	78.4

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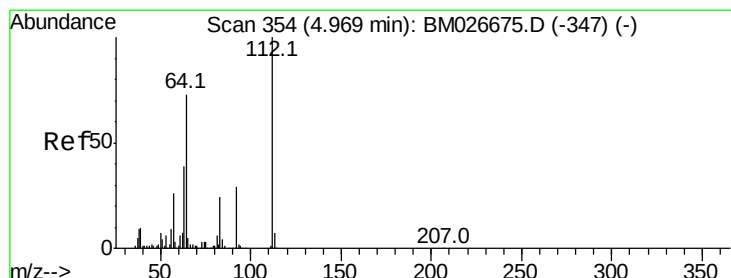
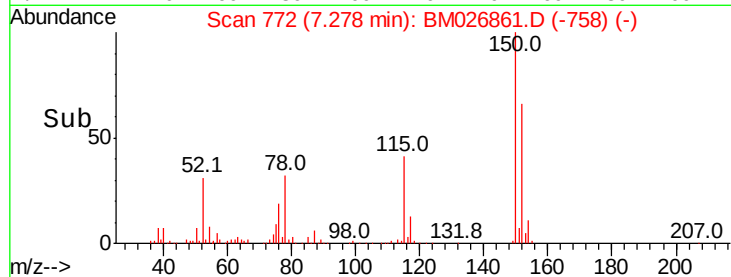
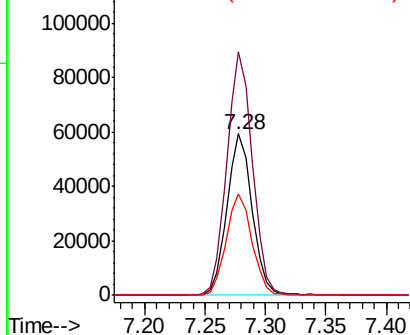


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

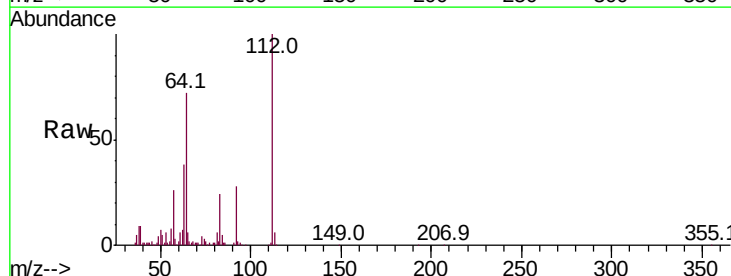
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 25.455 ng
RT: 4.92 min Scan# 372
Delta R.T. -0.02 min
Lab File: BM026861.D
Acq: 23 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	58.4	87.6
63	37.6	31.5	47.3

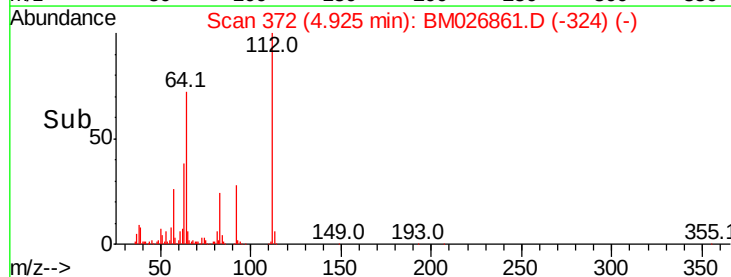
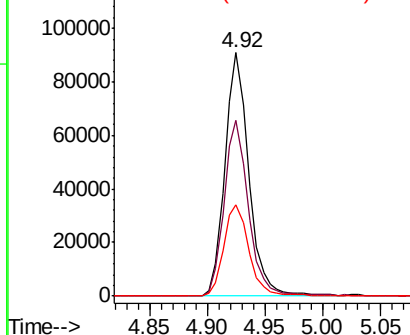


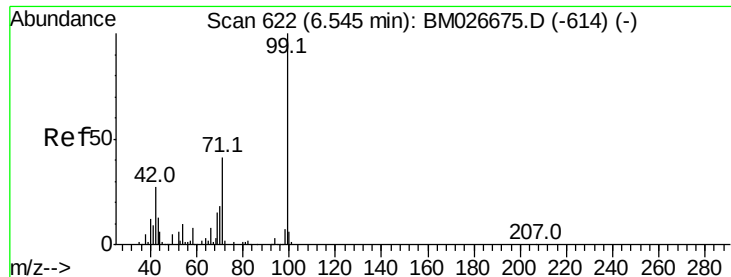
Abundance

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: 20.118 ng

RT: 6.50 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM026861.D

Acq: 23 Jul 2020 21:11

Instrument :

BNA_M

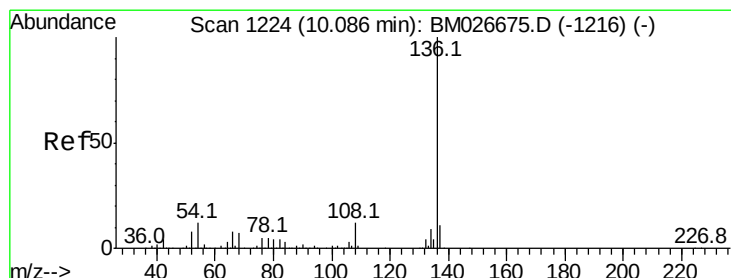
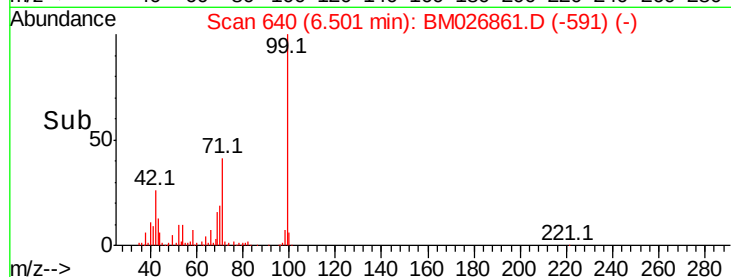
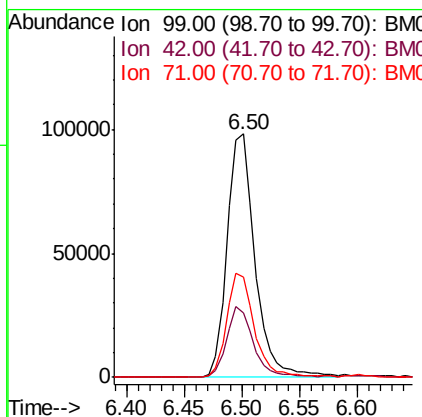
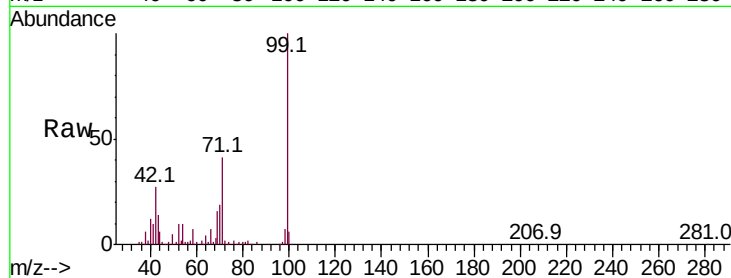
ClientSampleId :

VNJ-225-GRID-B5

Tot Ion:	99	Resp:	164739
Ion Ratio	Lower	Upper	
99	100		
42	26.6	21.7	32.5
71	41.3	33.2	49.8

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#21

Naphthalene-d8

Concen: 20.000 ng

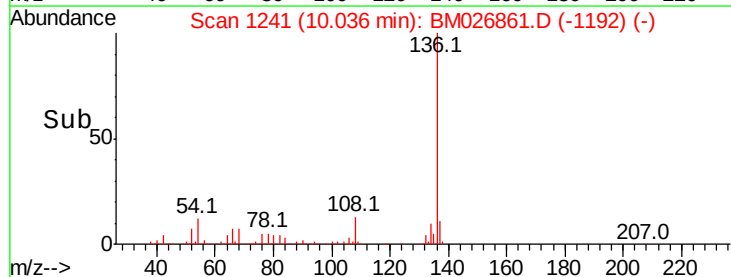
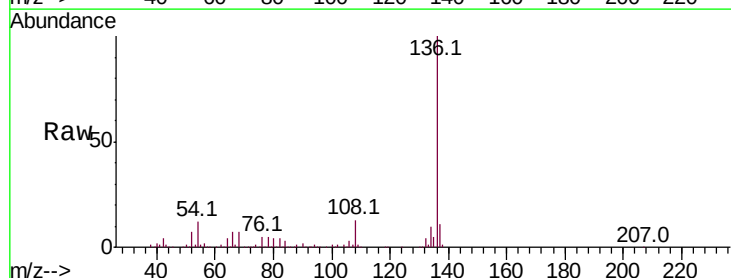
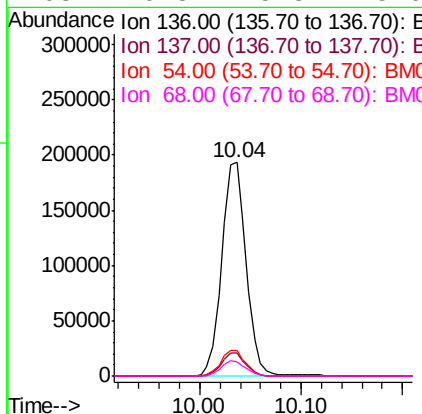
RT: 10.04 min Scan# 1241

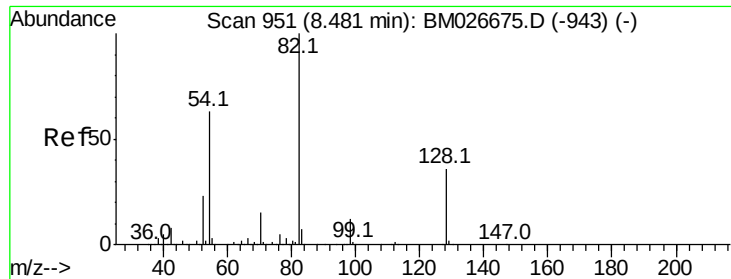
Delta R.T. -0.01 min

Lab File: BM026861.D

Acq: 23 Jul 2020 21:11

Tgt Ion:	136	Resp:	322374
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	12.1	9.8	14.6
68	6.8	5.8	8.6





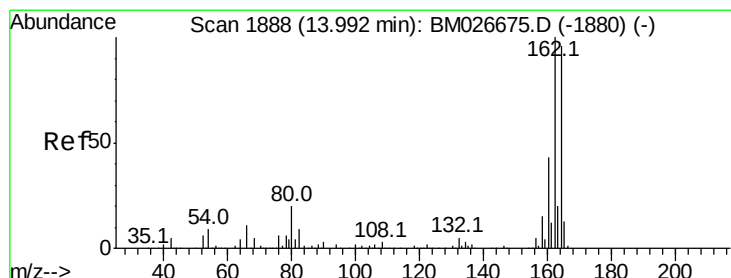
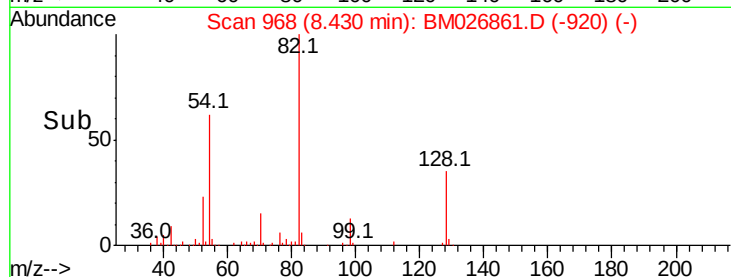
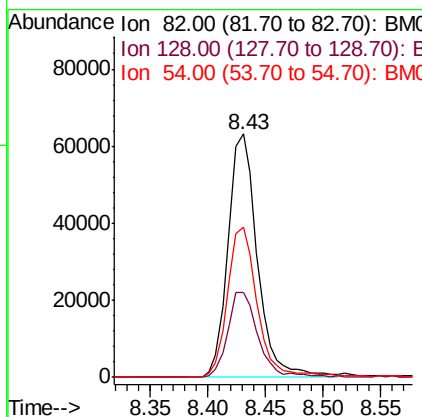
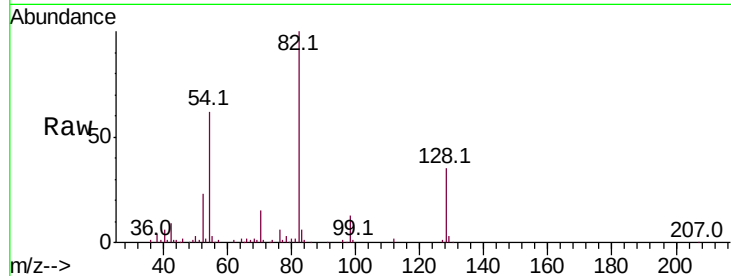
#23
Nitrobenzene-d5
Concen: 14.797 ng
RT: 8.43 min Scan# 968
Delta R.T. -0.02 min
Lab File: BM026861.D
Acq: 23 Jul 2020 21:11

Instrument :
BNA_M
ClientSampleId :
VNJ-225-GRID-B5

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.1	43.7
54	61.8	50.2	75.4

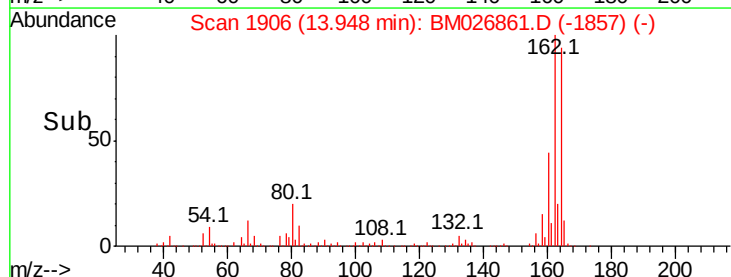
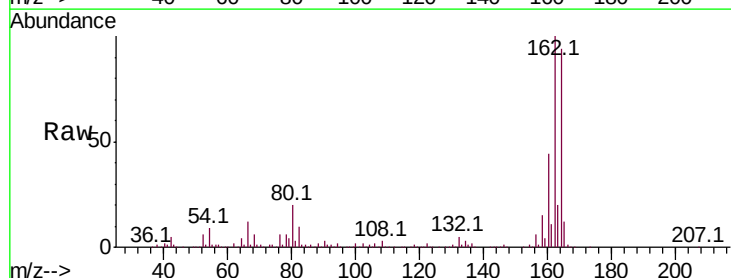
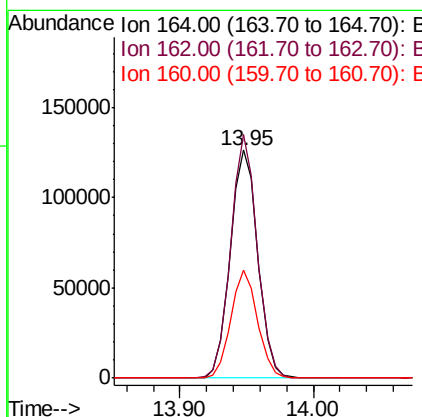
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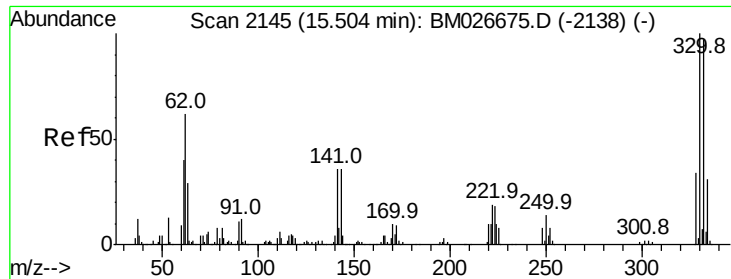
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.95 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM026861.D
Acq: 23 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.7	125.5
160	47.5	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 20.364 ng

RT: 15.46 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BM026861.D

Acq: 23 Jul 2020 21:11

Instrument :

BNA_M

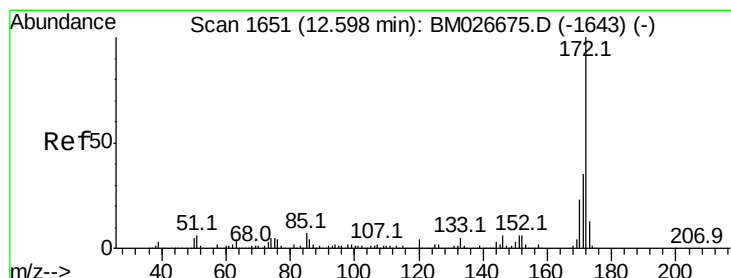
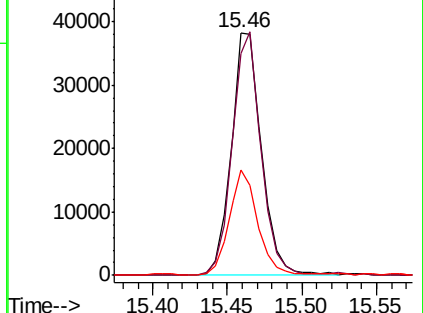
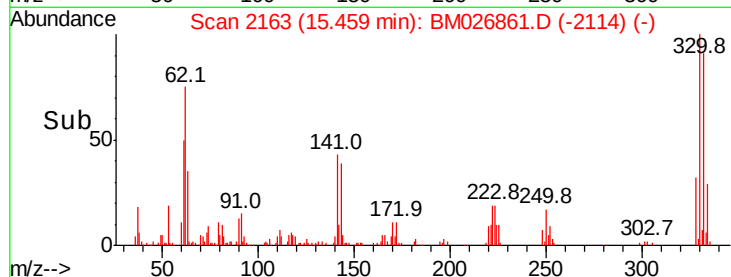
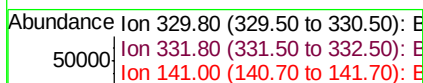
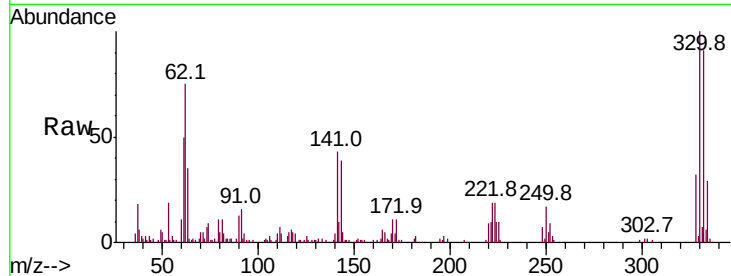
ClientSampleId :

VNJ-225-GRID-B5

Tot Ion:	330	Resp:	54041
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.5	116.3
141	41.4	32.4	48.6

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#45

2-Fluorobiphenyl

Concen: 15.539 ng

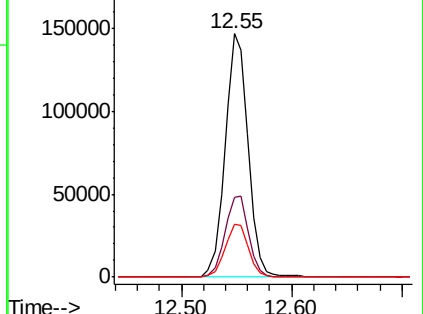
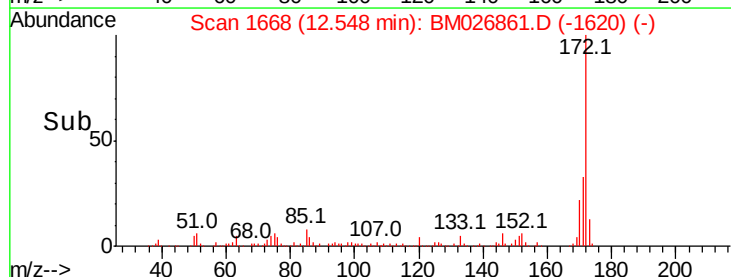
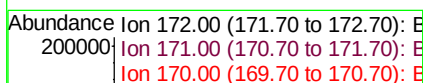
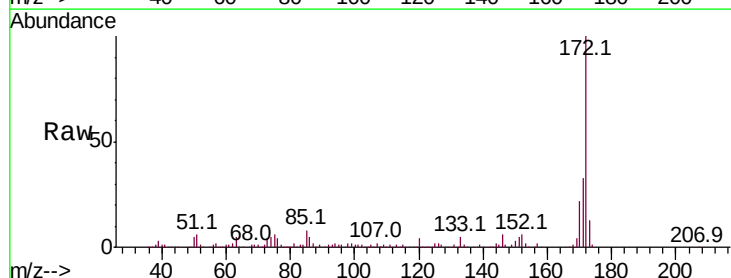
RT: 12.55 min Scan# 1668

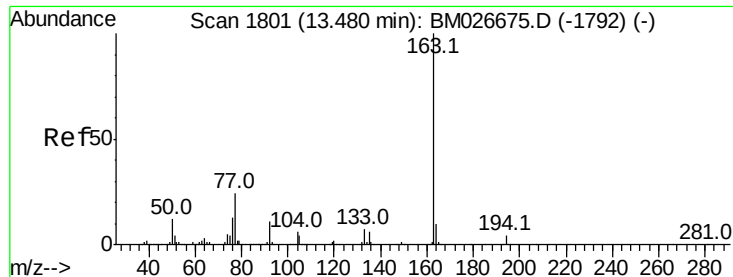
Delta R.T. -0.02 min

Lab File: BM026861.D

Acq: 23 Jul 2020 21:11

Tgt Ion:	172	Resp:	212910
Ion Ratio	Lower	Upper	
172	100		
171	33.0	27.8	41.6
170	21.9	18.5	27.7





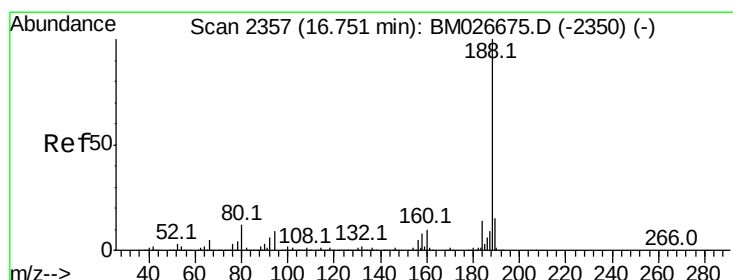
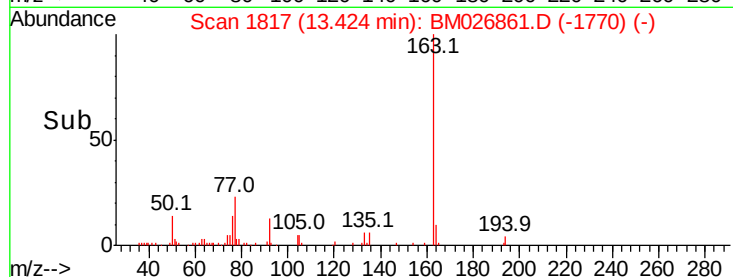
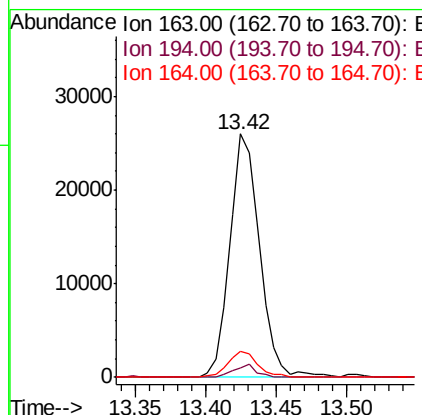
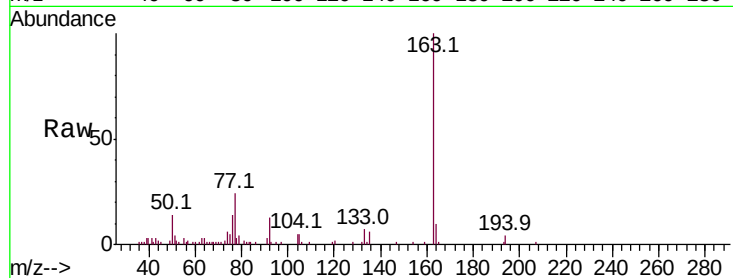
#50
Dimethylphthalate
Concen: 2.444 ng
RT: 13.42 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BM026861.D
Acq: 23 Jul 2020 21:11

Instrument :
BNA_M
ClientSampleId :
VNJ-225-GRID-B5

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.4	7.8	11.6

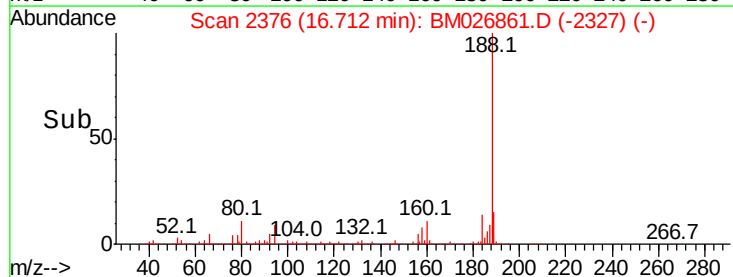
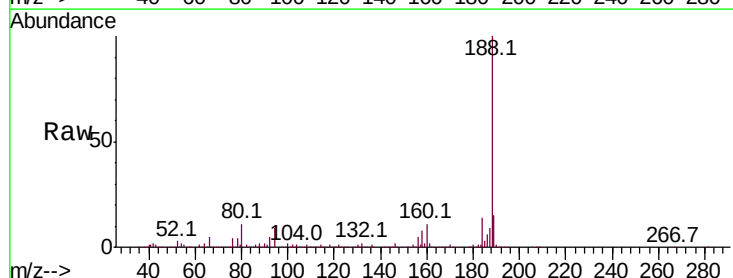
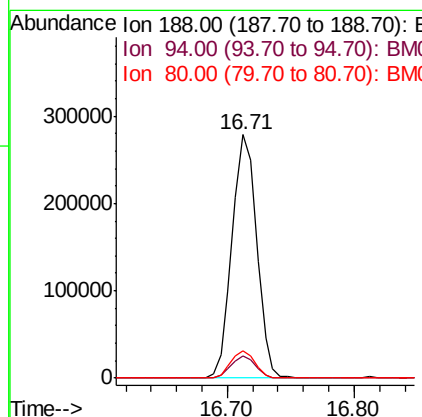
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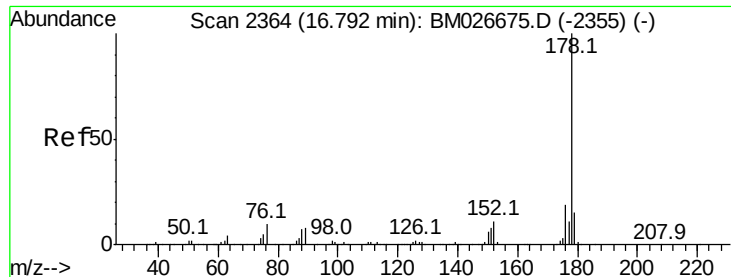
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.71 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BM026861.D
Acq: 23 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.0
80	11.5	9.3	13.9





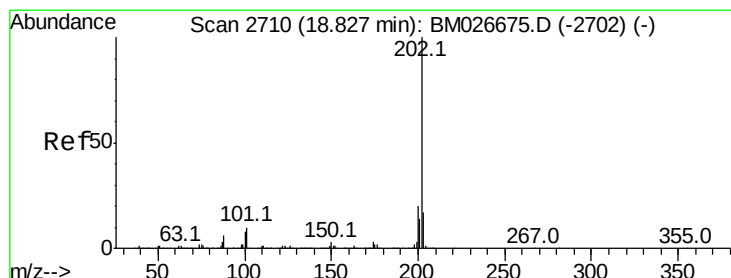
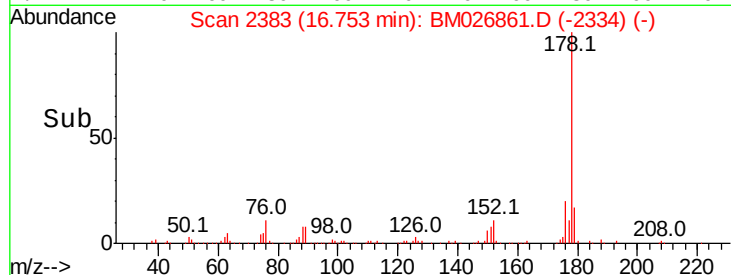
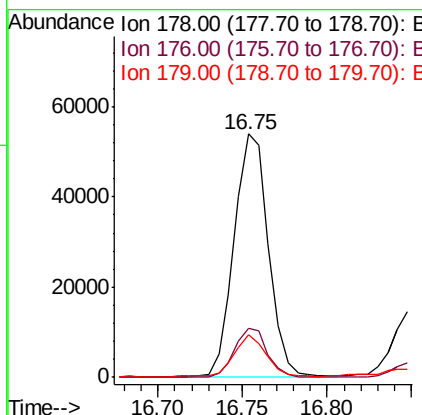
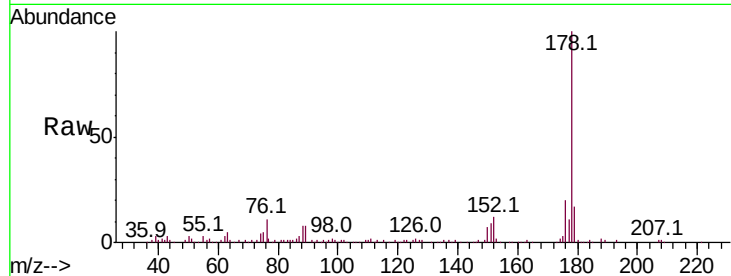
#71
Phenanthrene
Concen: 3.422 ng
RT: 16.75 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM026861.D
Acq: 23 Jul 2020 21:11

Instrument :
BNA_M
ClientSampleId :
VNJ-225-GRID-B5

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.0	22.6
179	17.4	12.1	18.1

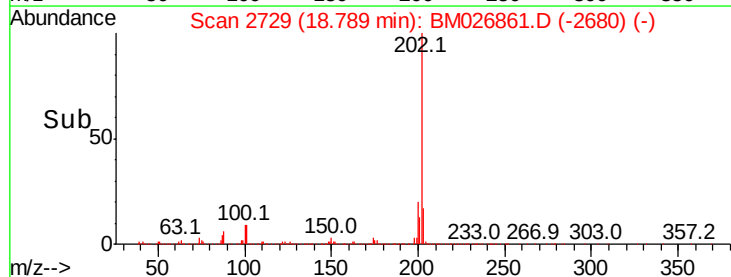
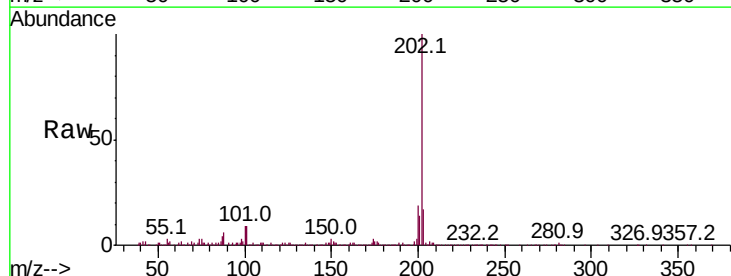
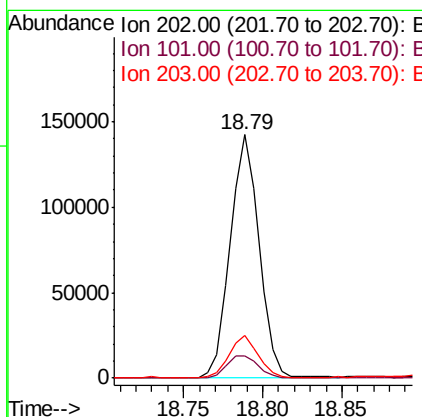
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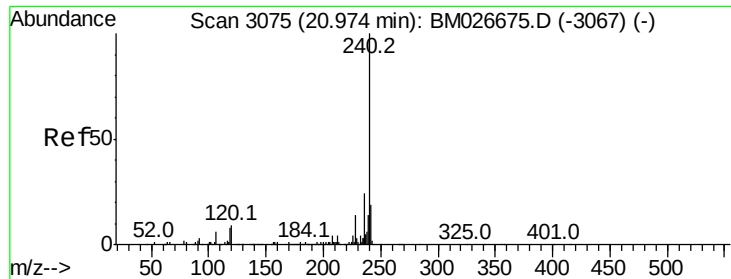
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#75
Fluoranthene
Concen: 6.583 ng
RT: 18.79 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BM026861.D
Acq: 23 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.1
203	17.3	0.0	37.2





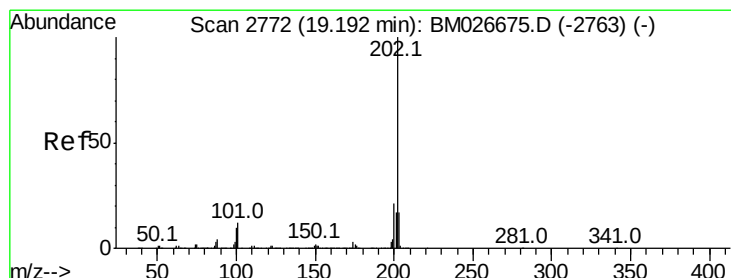
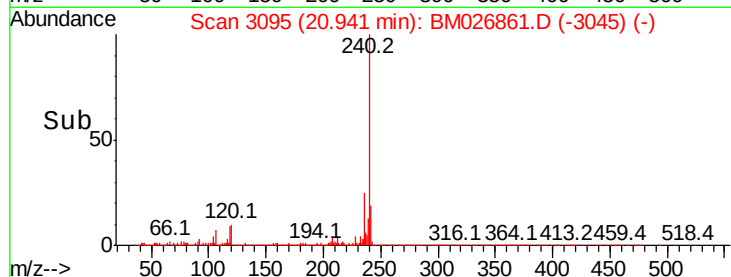
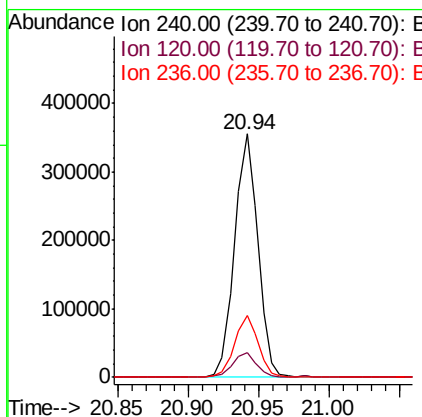
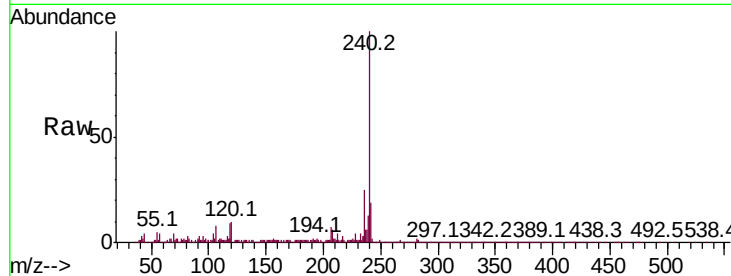
#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM026861.D
Acq: 23 Jul 2020 21:11

Instrument :
BNA_M
ClientSampleId :
VNJ-225-GRID-B5

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.3	10.9
236	25.2	19.4	29.2

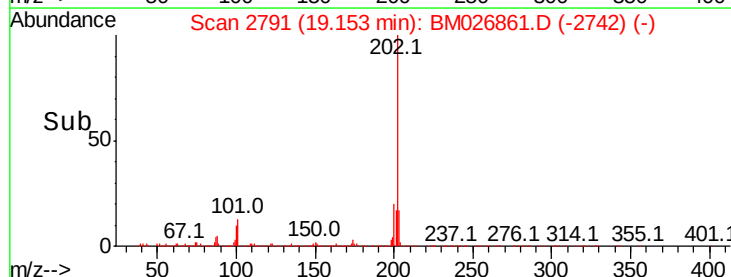
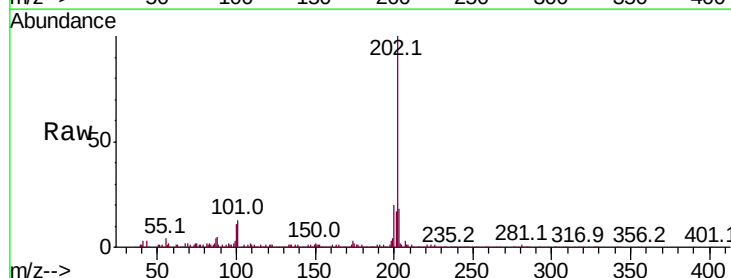
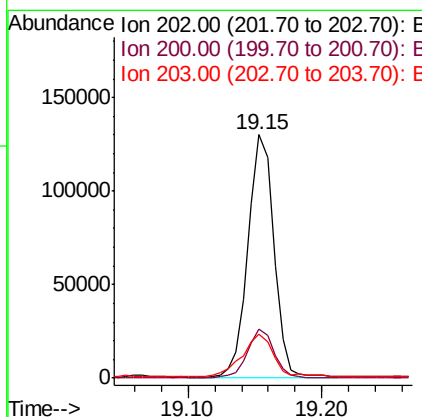
Manual Integrations
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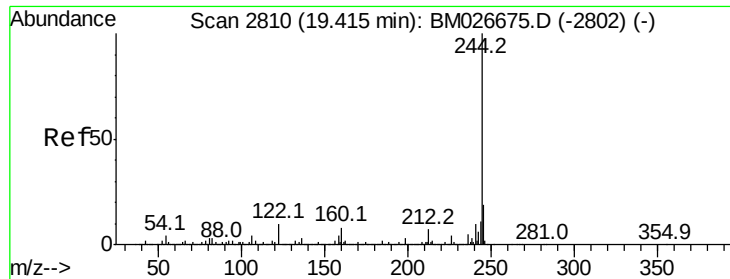
Sohil
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#78
Pyrene
Concen: 6.781 ng
RT: 19.15 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM026861.D
Acq: 23 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	24.8
203	17.8	13.7	20.5





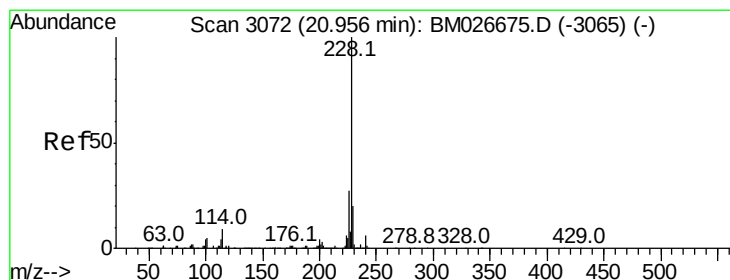
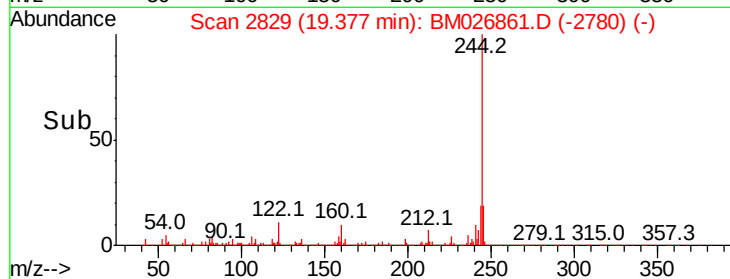
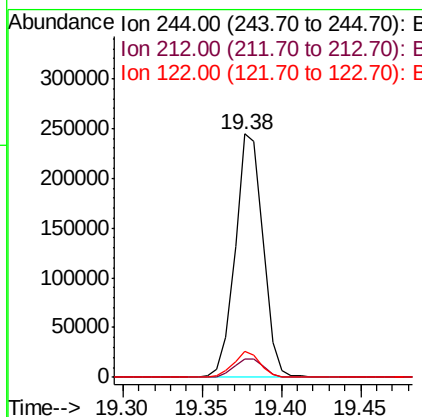
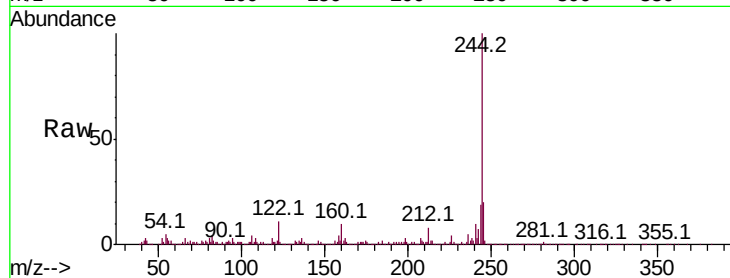
#79
 Terphenyl-d14
 Concen: 14.278 ng
 RT: 19.38 min Scan# 2829
 Delta R.T. -0.01 min
 Lab File: BM026861.D
 Acq: 23 Jul 2020 21:11

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-225-GRID-B5

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.9	8.2	12.4

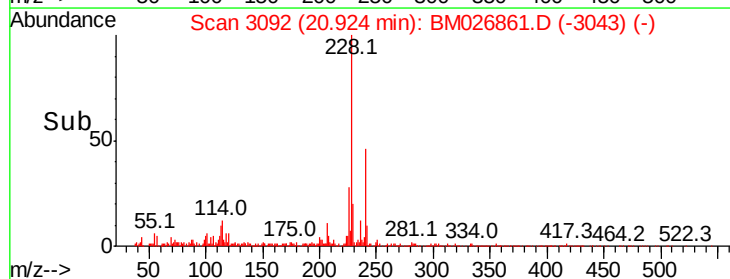
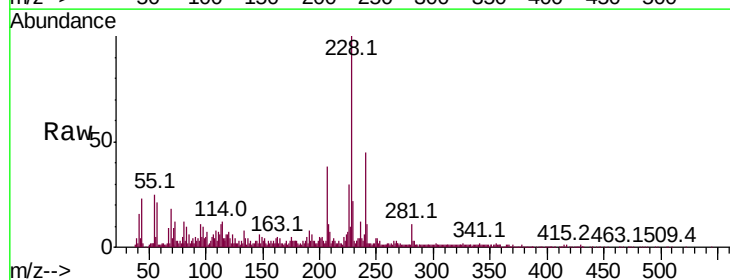
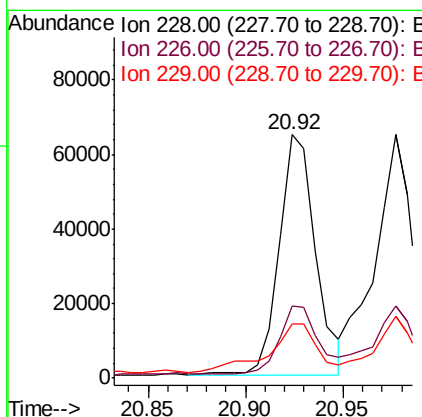
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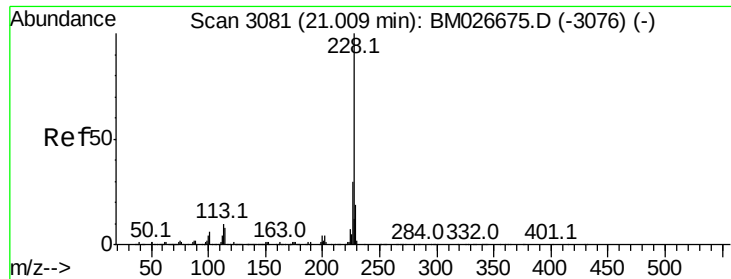
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#81
 Benzo(a)anthracene
 Concen: 3.050 ng
 RT: 20.92 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM026861.D
 Acq: 23 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.4	32.2
229	22.3	15.6	23.4





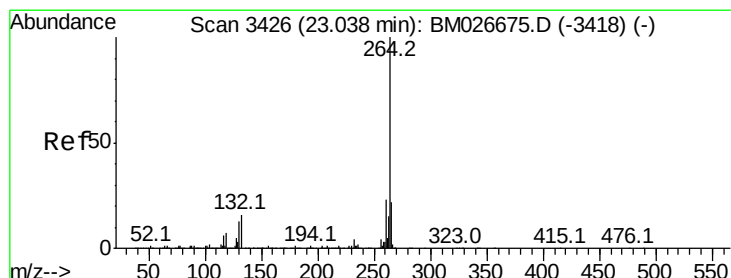
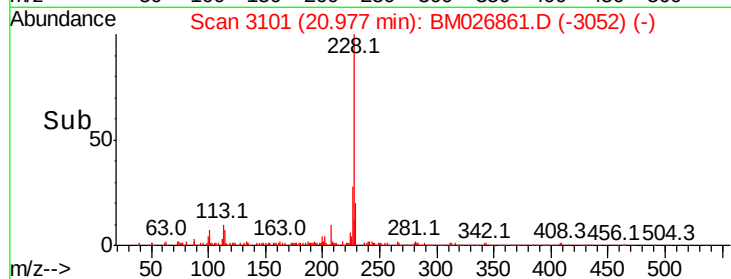
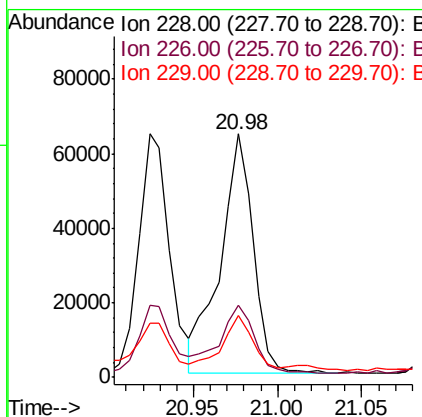
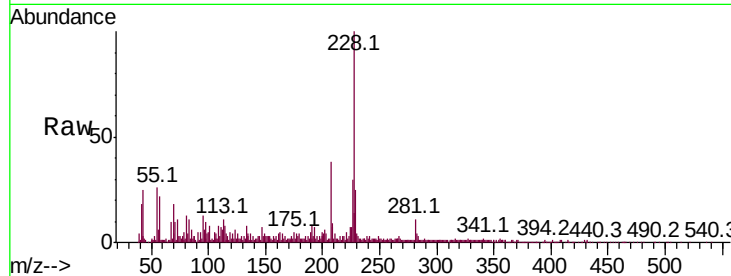
#83
 Chrysene
 Concen: 3.274 ng/mL
 RT: 20.98 min Scan# 3101
 Delta R.T. -0.01 min
 Lab File: BM026861.D
 Acq: 23 Jul 2020 21:11

Instrument :
 BNA_M
 ClientSampleID :
 VNJ-225-GRID-B5

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	25.2	15.4	23.0

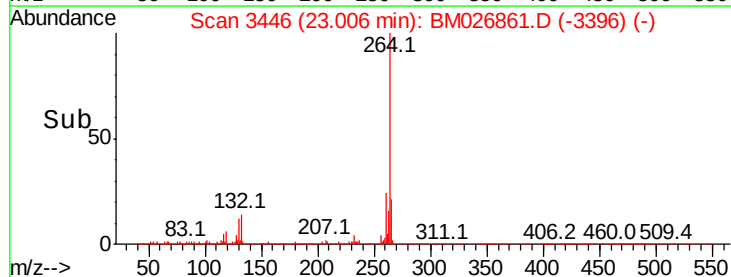
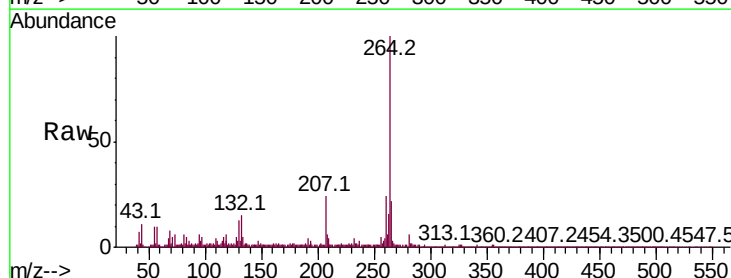
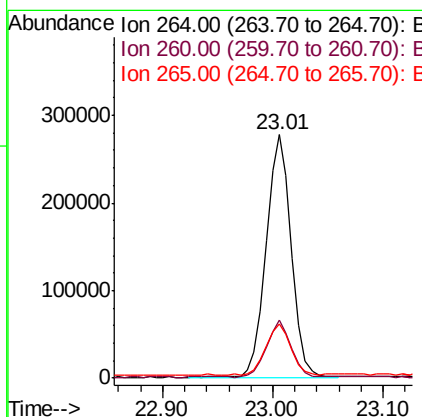
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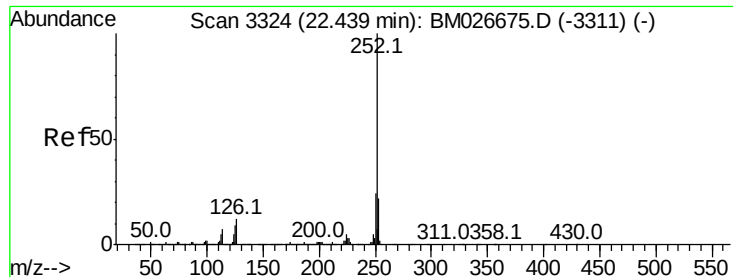
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.01 min Scan# 3446
 Delta R.T. -0.01 min
 Lab File: BM026861.D
 Acq: 23 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	22.1	17.6	26.4





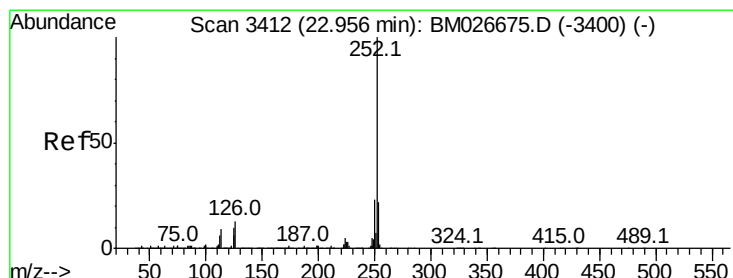
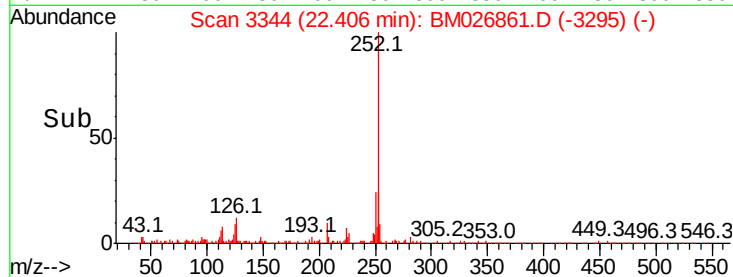
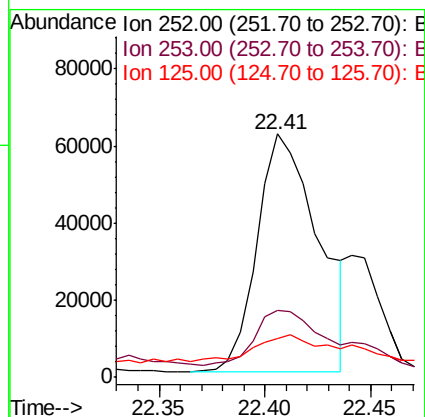
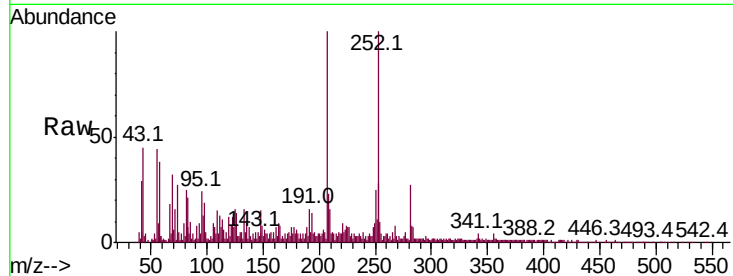
#88
Benzo(b)fluoranthene
Concen: 4.274 ng m
RT: 22.41 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BM026861.D
Acq: 23 Jul 2020 21:11

Instrument :
BNA_M
ClientSampleId :
VNJ-225-GRID-B5

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.5	26.3#
125	15.9	7.5	11.3#

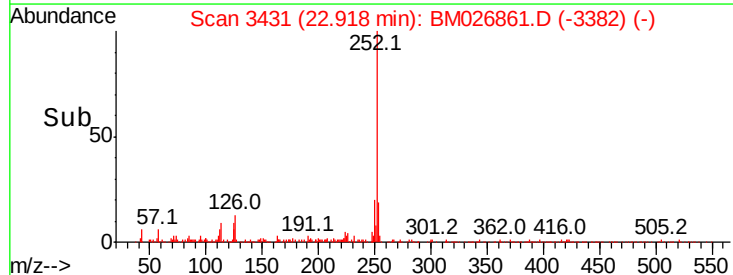
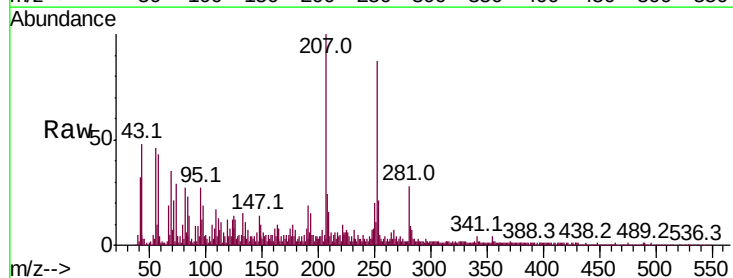
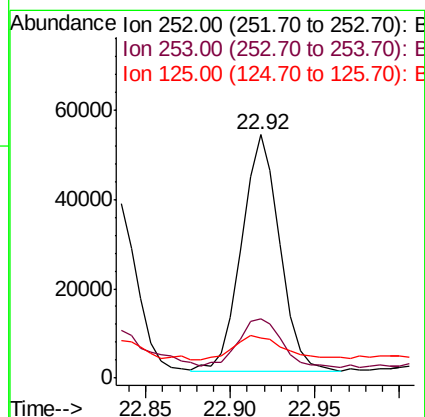
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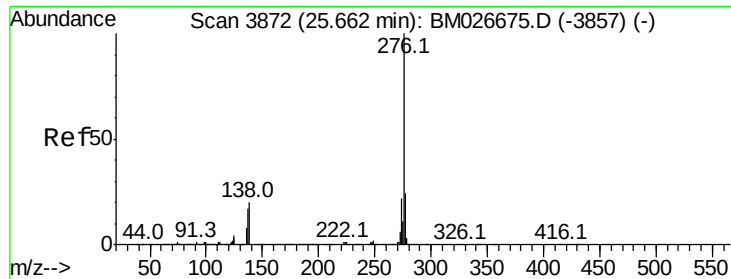
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#90
Benzo(a)pyrene
Concen: 3.096 ng
RT: 22.92 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM026861.D
Acq: 23 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	16.5	8.2	12.4#





#92
 Benzo(a,h,i)perylene
 Concen: 2.499 ng
 RT: 25.60 min Scan# 3887
 Delta R.T. -0.01 min
 Lab File: BM026861.D
 Acq: 23 Jul 2020 21:11

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-225-GRID-B5

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	29.0	19.1	28.7#
138	25.3	15.8	23.8#

Manual Integrations
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