

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
 Data File : BM026849.D
 Acq On : 23 Jul 2020 13:51
 Operator : JU/CG
 Sample : L3360-03RX
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-2RX

Manual Integrations
 APPROVED

Sohil
 7/24/2020 12:16:22 PM

Quant Time: Jul 23 14:47:41 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	7.27	152	82748	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	315682	20.00	ng	-0.02
39) Acenaphthene-d10	13.94	164	180994	20.00	ng	-0.02
64) Phenanthrene-d10	16.71	188	376148	20.00	ng	-0.02
76) Chrysene-d12	20.94	240	404348	20.00	ng	-0.01
86) Perylene-d12	23.00	264	440082	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	16441	3.33	ng	-0.02
7) Phenol-d6	6.49	99	247201	31.43	ng	-0.02
23) Nitrobenzene-d5	8.42	82	381212	51.52	ng	-0.02
42) 2,4,6-Tribromophenol	15.46	330	5534	2.10	ng	-0.01
45) 2-Fluorobiphenyl	12.55	172	693357	50.94	ng	-0.02
79) Terphenyl-d14	19.38	244	977499	47.58	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.42	163	106558	6.883	ng	99
71) Phenanthrene	16.75	178	105866	4.767	ng	99
75) Fluoranthene	18.78	202	146531	5.358	ng	98
78) Pyrene	19.15	202	165901	6.513	ng	99
81) Benzo(a)anthracene	20.92	228	86202	3.174	ng	96
83) Chrysene	20.98	228	86664m	3.278	ng	
88) Benzo(b)fluoranthene	22.40	252	104597m	3.607	ng	
90) Benzo(a)pyrene	22.91	252	80396	2.987	ng	# 87
92) Benzo(g,h,i)perylene	25.58	276	52085	2.137	ng	# 93

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

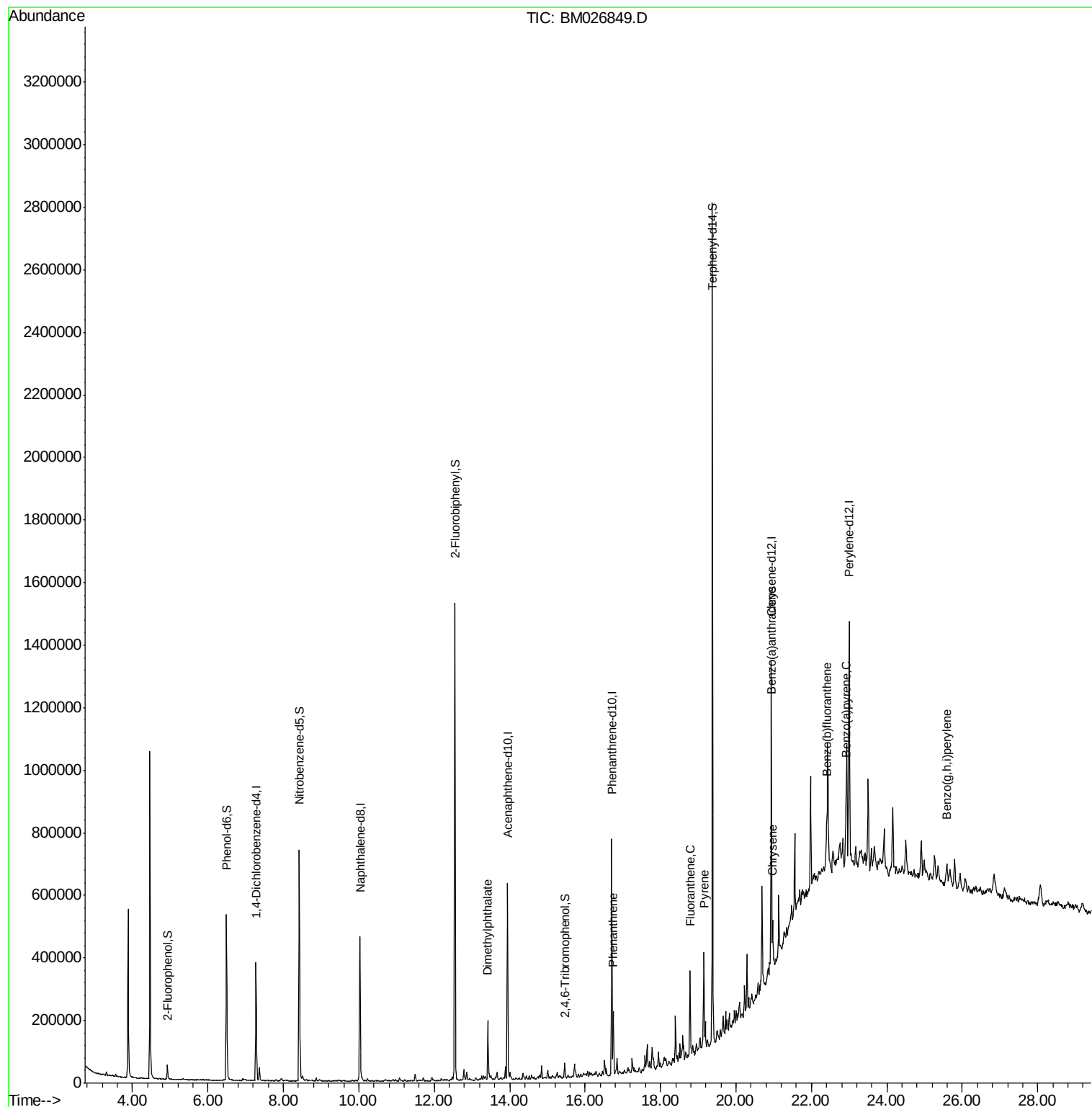
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026849.D
Acq On : 23 Jul 2020 13:51
Operator : JU/CG
Sample : L3360-03RX
Misc :
ALS Vial : 3 Sample Multiplier: 1

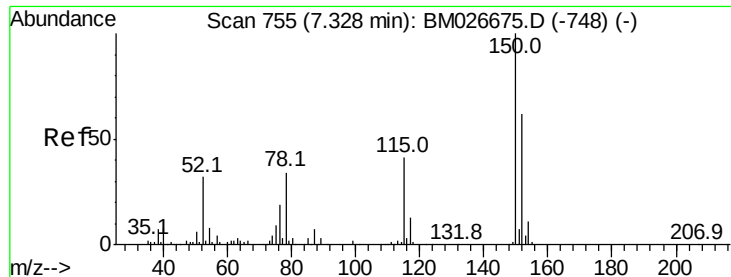
Instrument :
BNA_M
ClientSampleId :
SP-2RX

Manual Integrations
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Quant Time: Jul 23 14:47:41 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

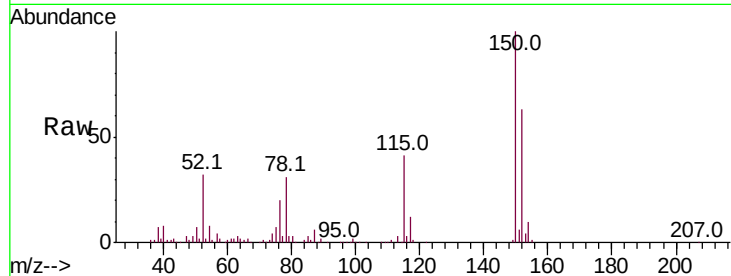
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Instrument :
BNA_M
ClientSampled :
SP-2RX

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	128.1	192.1
115	64.0	52.2	78.4

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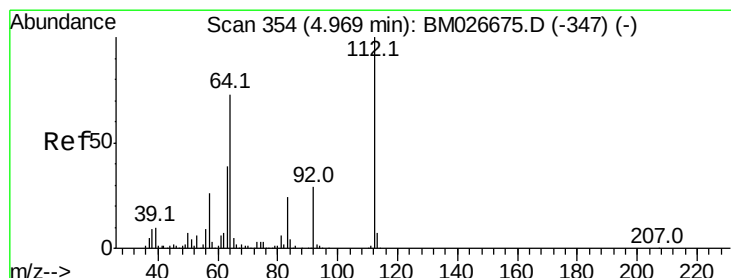
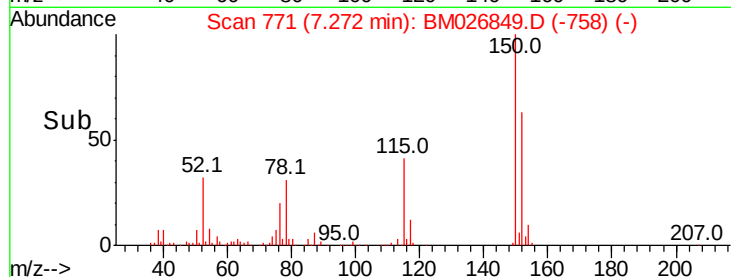
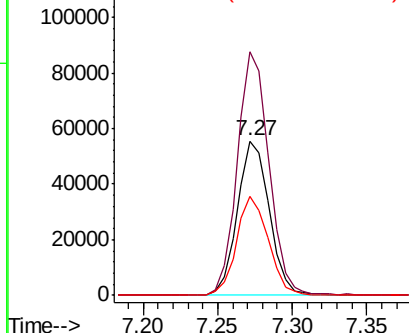


Abundance

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: 3.330 ng
RT: 4.92 min Scan# 372
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

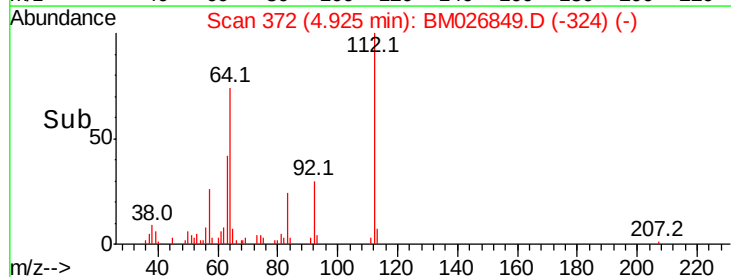
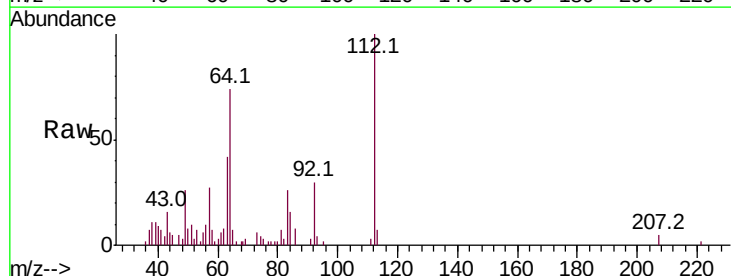
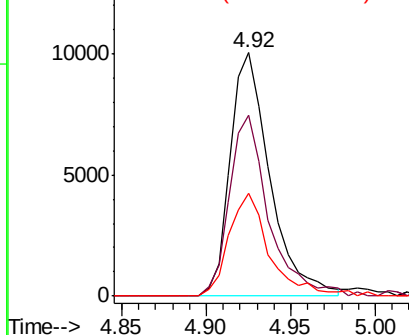
Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.2	58.4	87.6
63	42.3	31.5	47.3

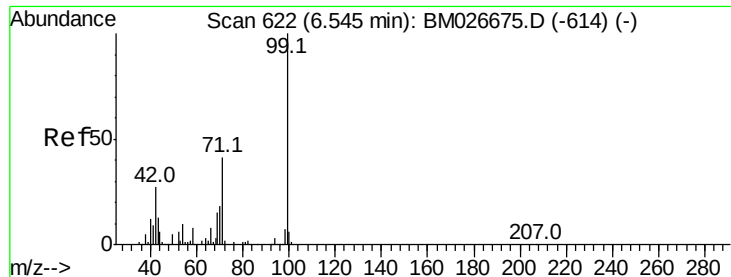
Abundance

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: 31.427 ng

RT: 6.49 min Scan# 638

Delta R.T. -0.02 min

Lab File: BM026849.D

Acq: 23 Jul 2020 13:51

Instrument :

BNA_M

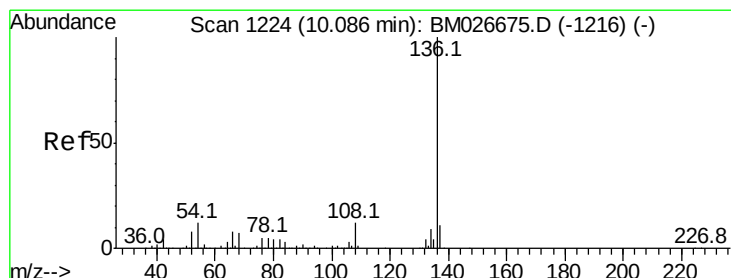
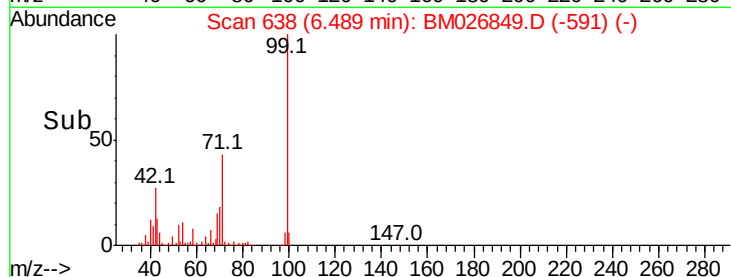
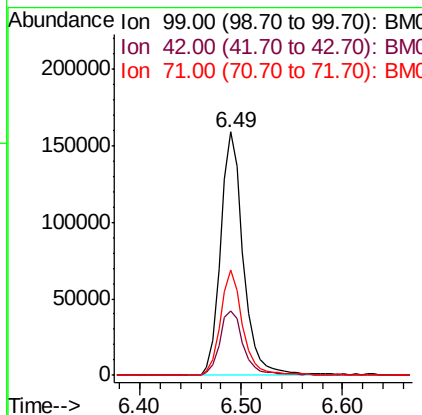
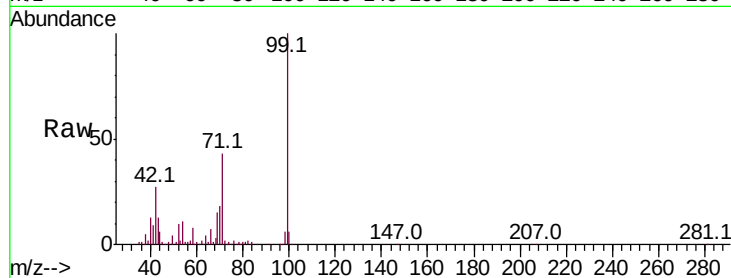
ClientSampleId :

SP-2RX

Tot Ion:	99	Resp:	247201
Ion Ratio	Lower	Upper	
99	100		
42	26.7	21.7	32.5
71	43.1	33.2	49.8

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#21

Naphthalene-d8

Concen: 20.000 ng

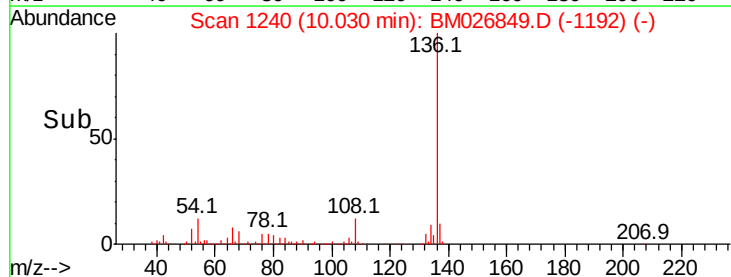
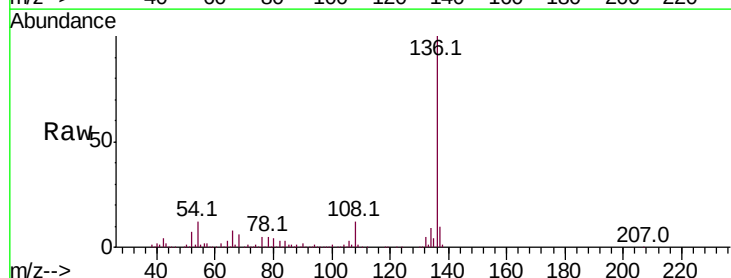
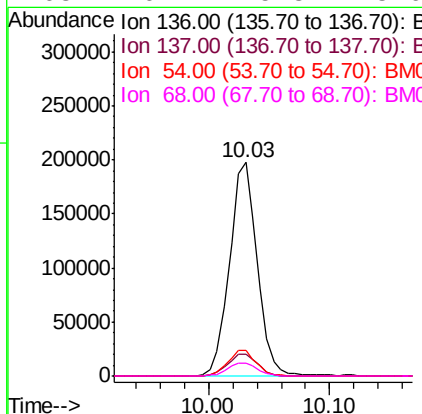
RT: 10.03 min Scan# 1240

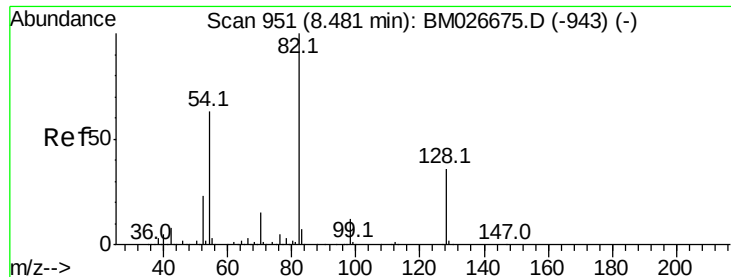
Delta R.T. -0.02 min

Lab File: BM026849.D

Acq: 23 Jul 2020 13:51

Tgt Ion:	136	Resp:	315682
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	12.8
54	11.7	9.8	14.6
68	6.2	5.8	8.6





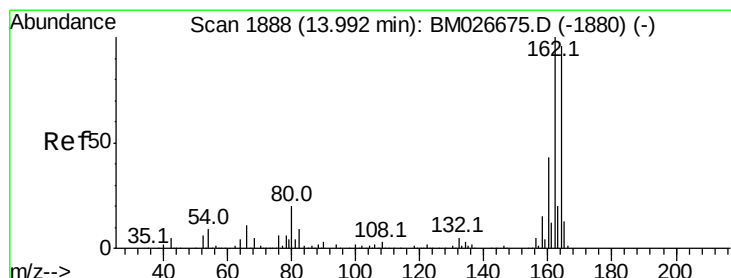
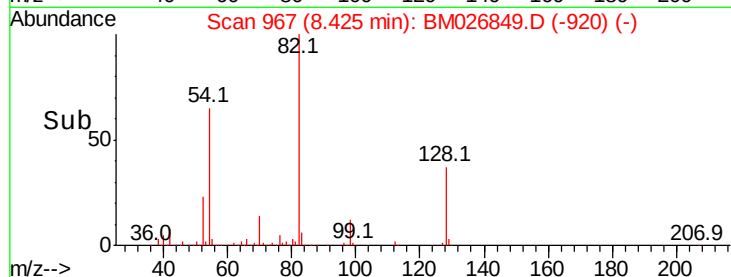
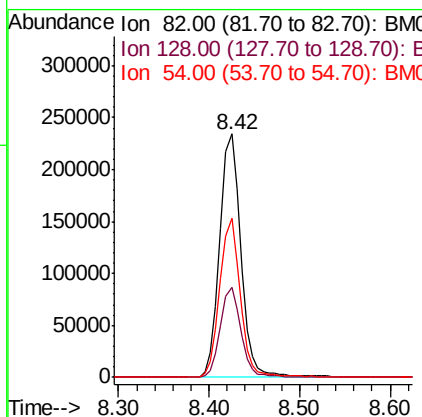
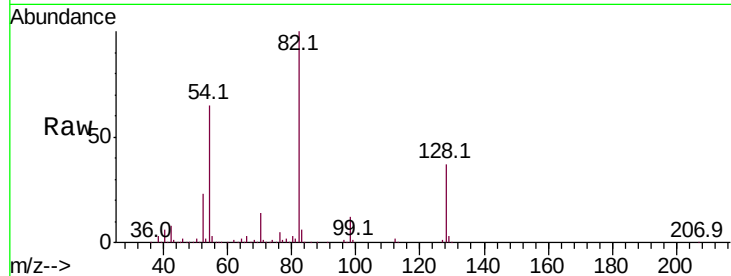
#23
 Nitrobenzene-d5
 Concen: 51.519 ng
 RT: 8.42 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BM026849.D
 Acq: 23 Jul 2020 13:51

Instrument :
 BNA_M
 ClientSampleId :
 SP-2RX

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.2	29.1	43.7	
54	65.5	50.2	75.4	

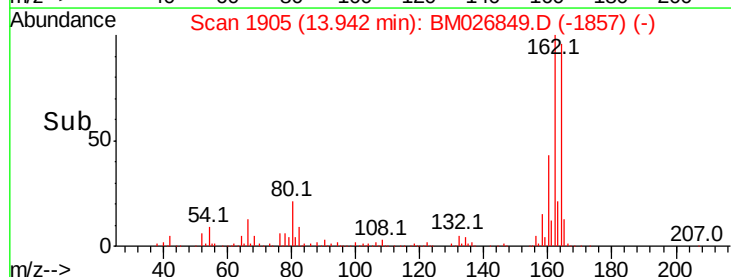
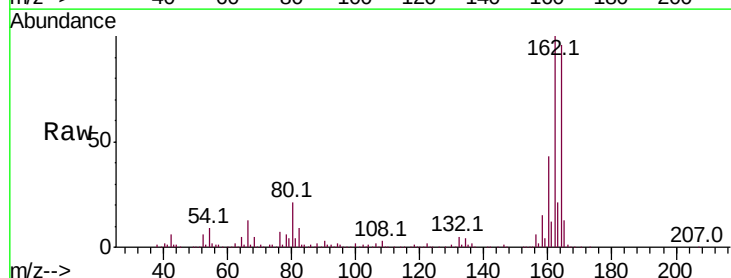
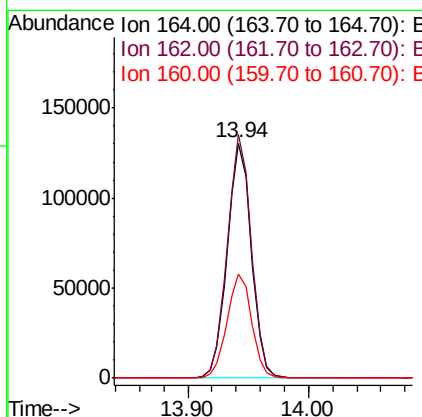
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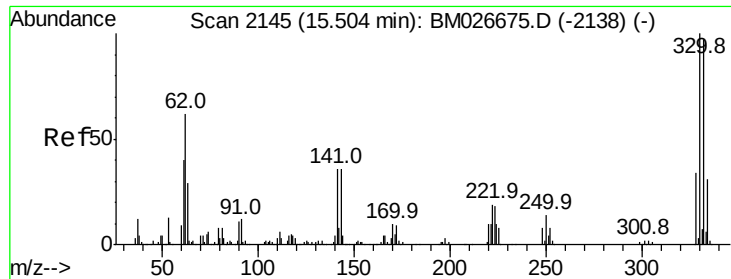
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.94 min Scan# 1905
 Delta R.T. -0.02 min
 Lab File: BM026849.D
 Acq: 23 Jul 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.7	83.7	125.5	
160	44.4	36.2	54.2	





#42

2,4,6-Tribromophenol

Concen: 2.099 ng

RT: 15.46 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BM026849.D

Acq: 23 Jul 2020 13:51

Instrument :

BNA_M

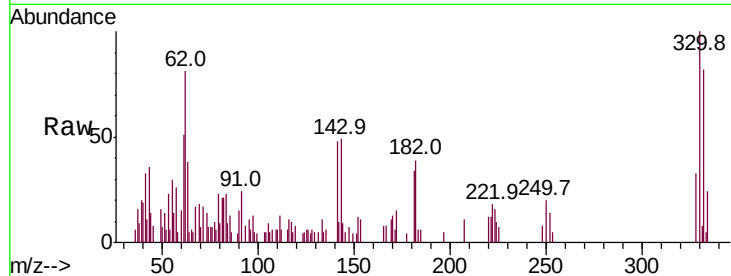
ClientSampled :

SP-2RX

Tot Ion	Ratio	Lower	Upper
330	100		
332	90.6	77.5	116.3
141	53.0	32.4	48.6

Manual Integrations
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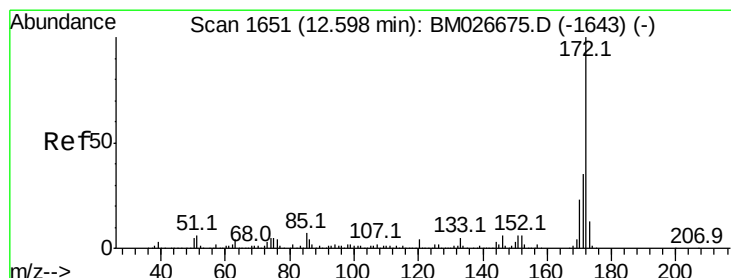
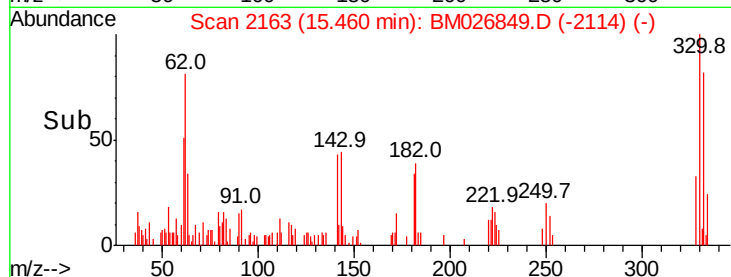
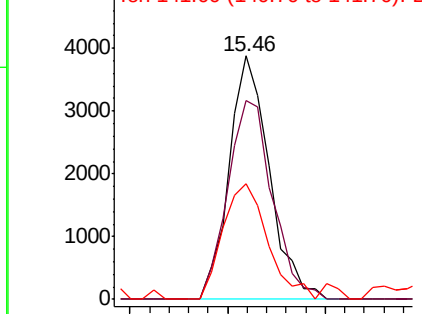


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 50.936 ng

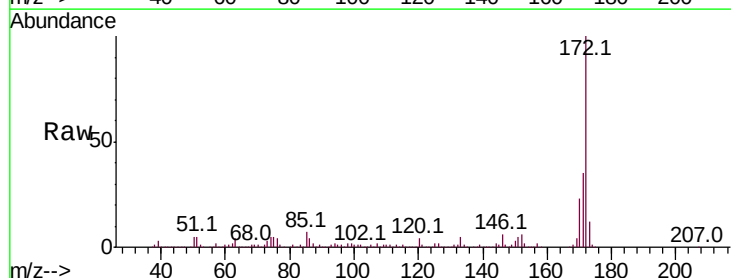
RT: 12.55 min Scan# 1668

Delta R.T. -0.02 min

Lab File: BM026849.D

Acq: 23 Jul 2020 13:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	22.7	18.5	27.7

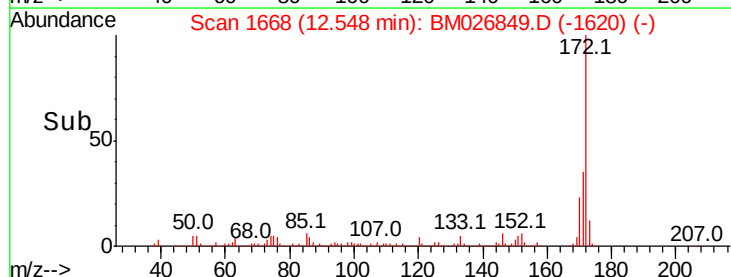
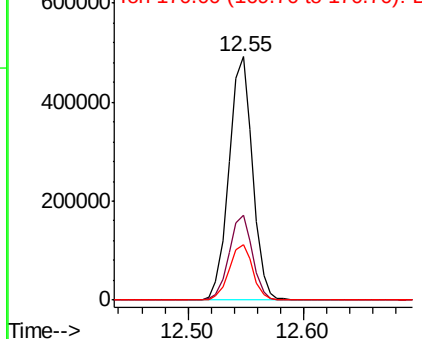


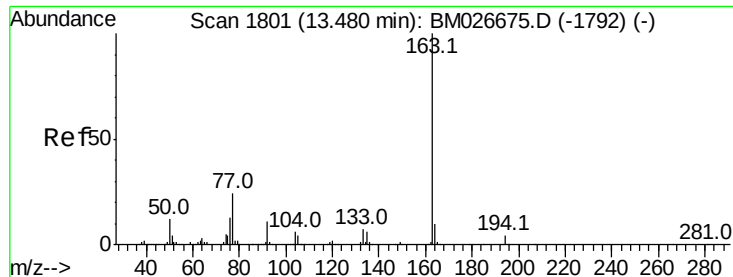
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





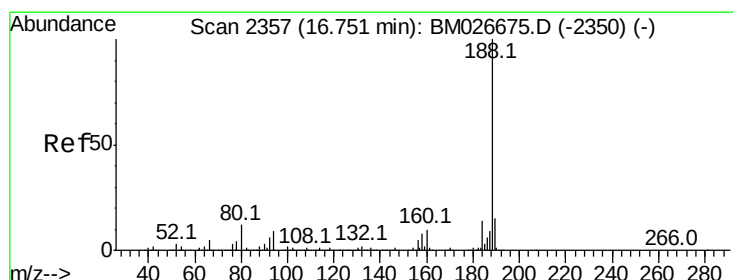
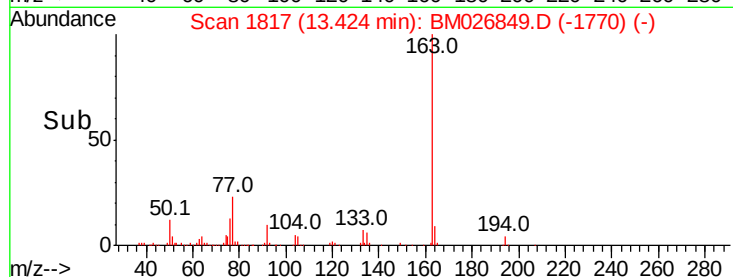
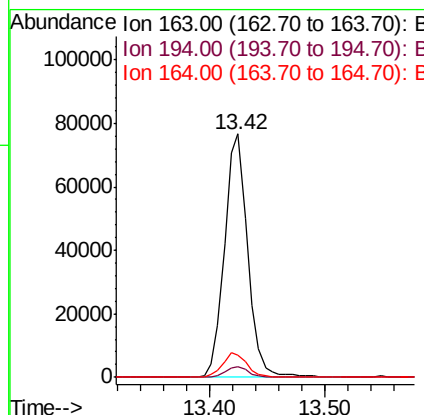
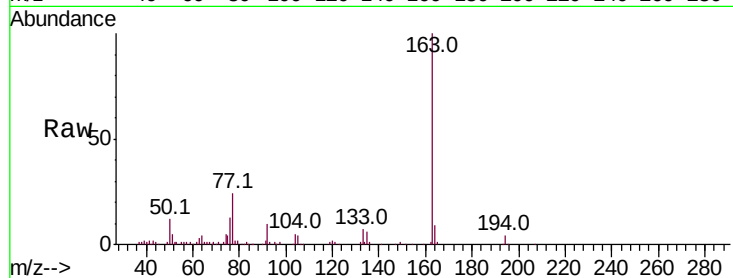
#50
Dimethylphthalate
Concen: 6.883 ng
RT: 13.42 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Instrument :
BNA_M
ClientSampled :
SP-2RX

Tot Ion	Ratio	Resp	Lower	Upper
163	100	106558		
194	4.2		3.4	5.2
164	9.1		7.8	11.6

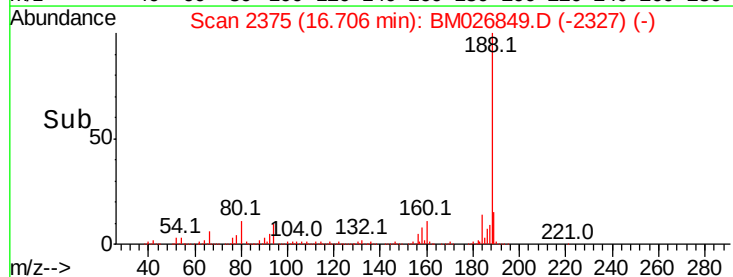
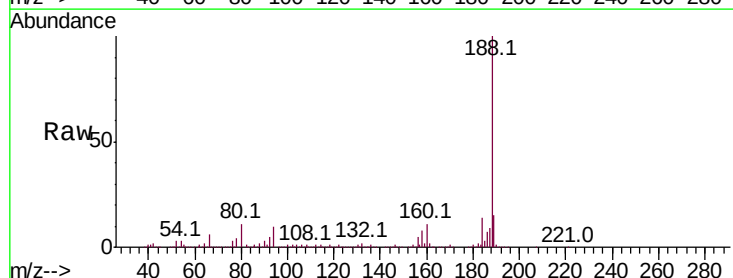
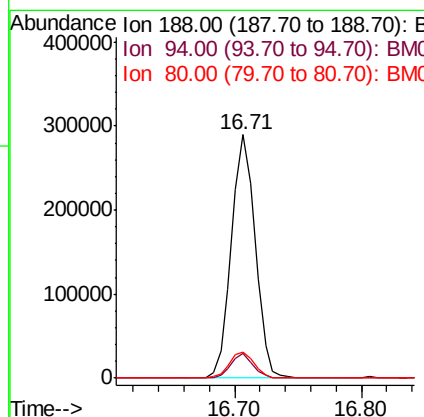
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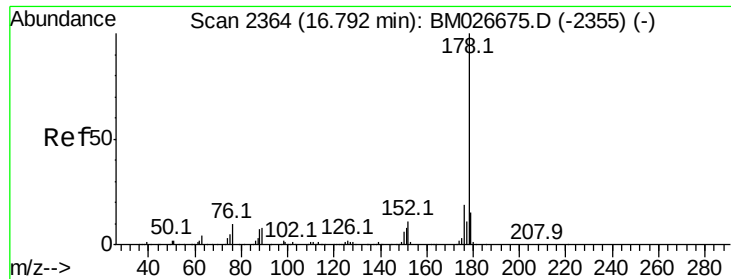
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.71 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	376148		
94	10.1		7.4	11.0
80	10.7		9.3	13.9





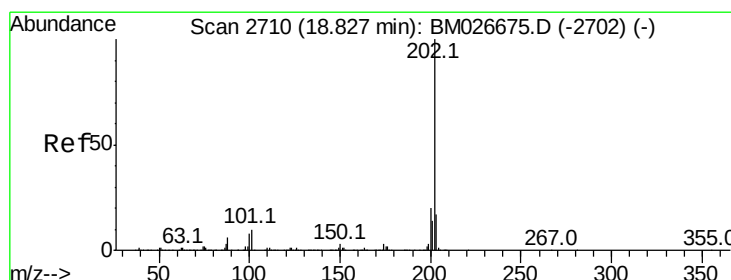
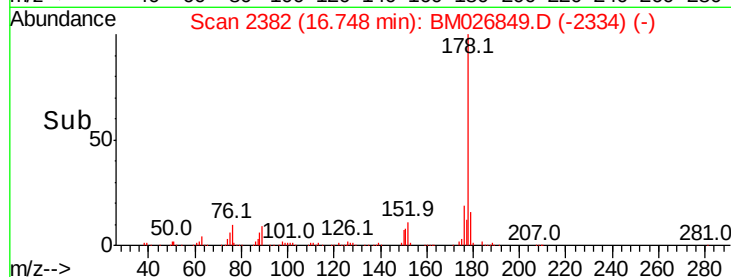
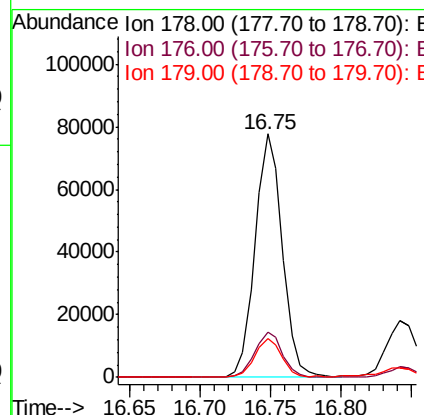
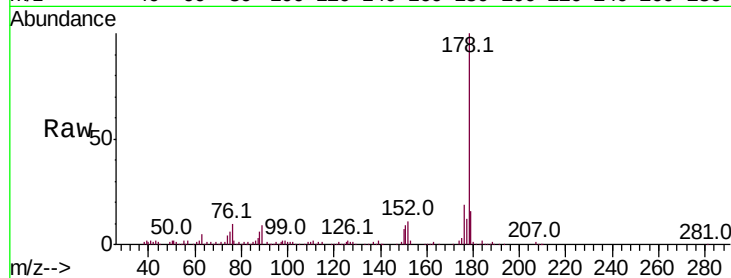
#71
Phenanthrene
Concen: 4.767 ng
RT: 16.75 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Instrument :
BNA_M
ClientSampled :
SP-2RX

Tot Ion	178	Resp	105866
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.0	22.6
179	16.0	12.1	18.1

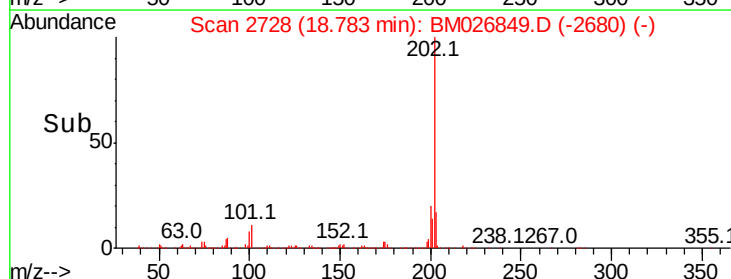
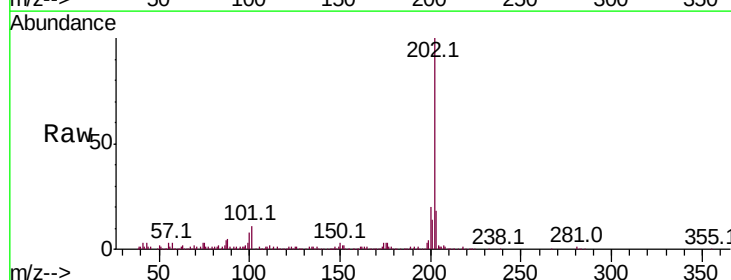
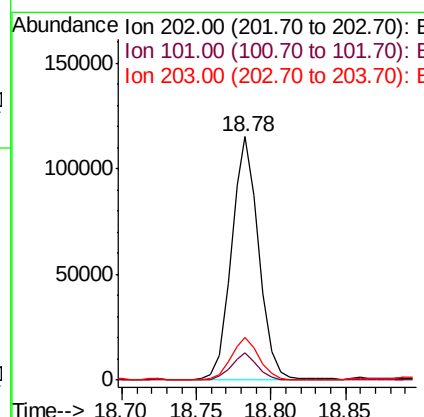
Manual Integrations
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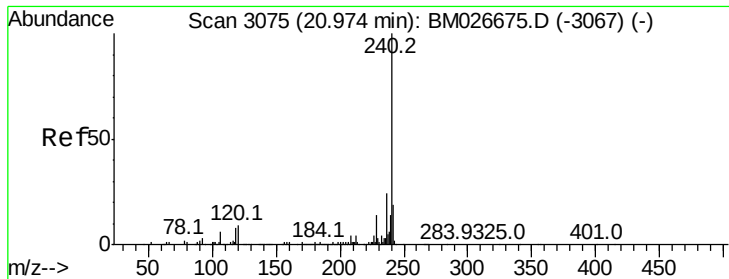
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#75
Fluoranthene
Concen: 5.358 ng
RT: 18.78 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Tgt Ion	202	Resp	146531
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.1
203	17.5	0.0	37.2





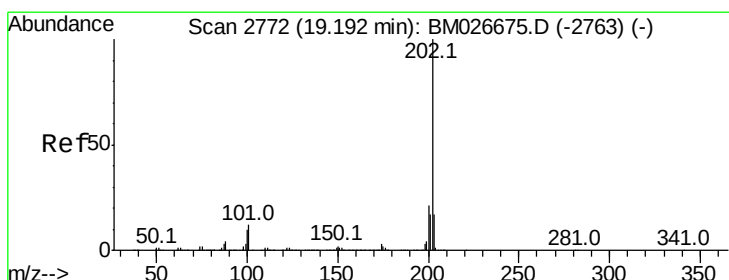
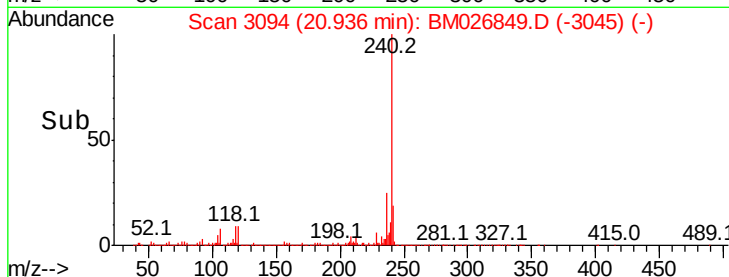
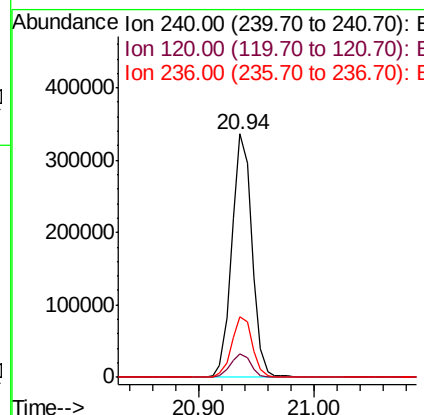
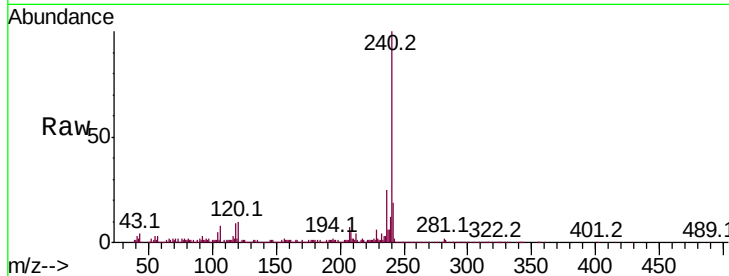
#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Instrument :
BNA_M
ClientSampleId :
SP-2RX

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.3	10.9
236	24.8	19.4	29.2

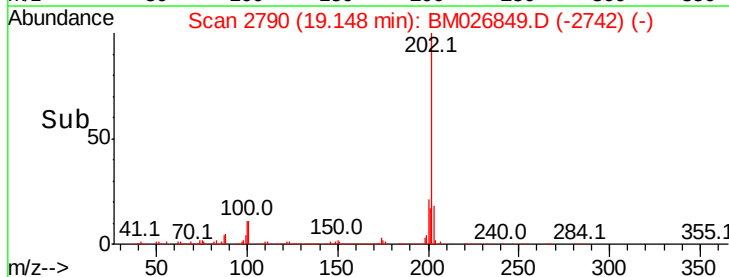
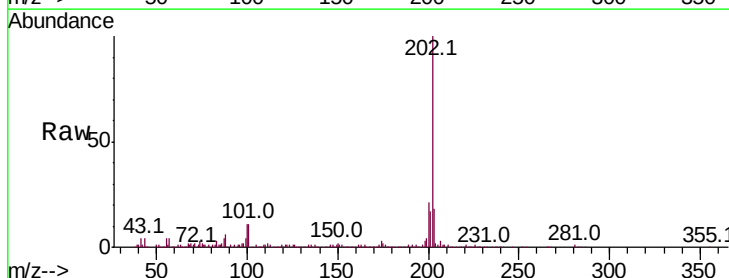
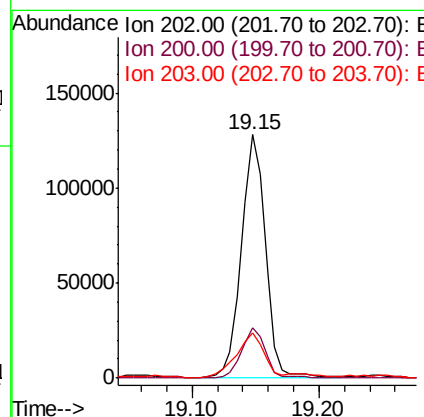
Manual Integrations
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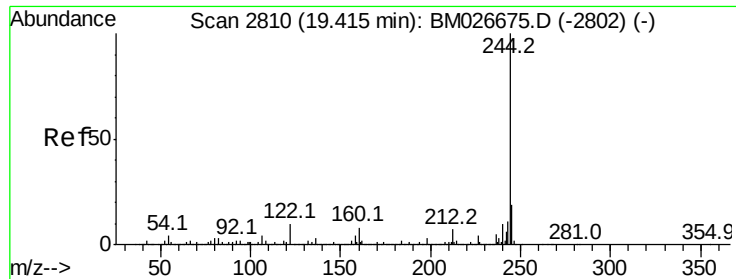
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#78
Pyrene
Concen: 6.513 ng
RT: 19.15 min Scan# 2790
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	18.3	13.7	20.5





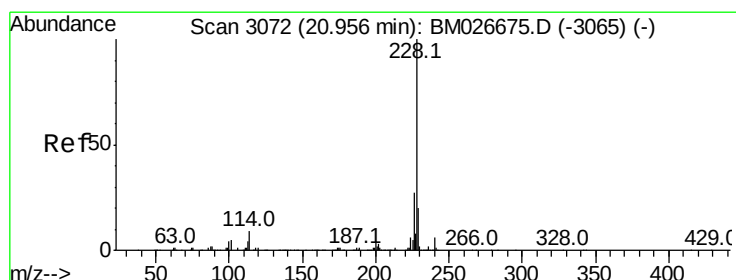
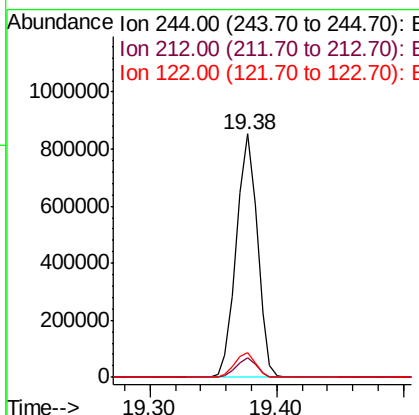
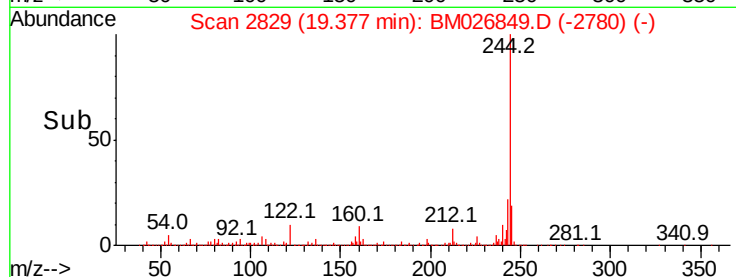
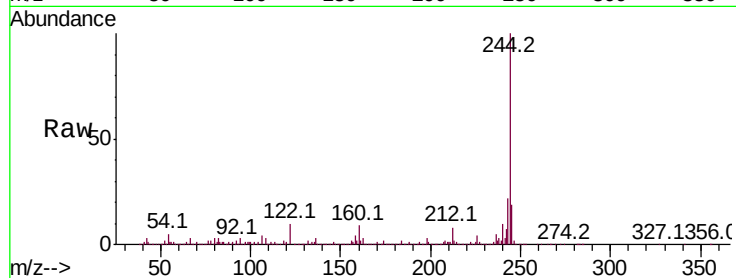
#79
 Terphenyl-d14
 Concen: 47.576 ng
 RT: 19.38 min Scan# 2829
 Delta R.T. -0.01 min
 Lab File: BM026849.D
 Acq: 23 Jul 2020 13:51

Instrument :
 BNA_M
 ClientSampled :
 SP-2RX

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.2	8.2	12.4

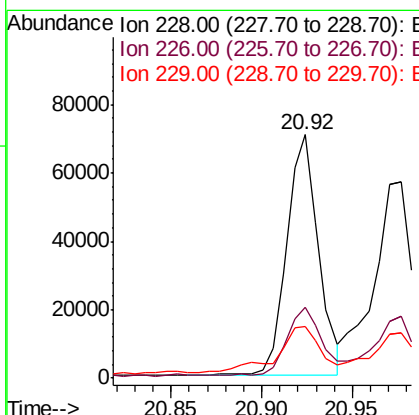
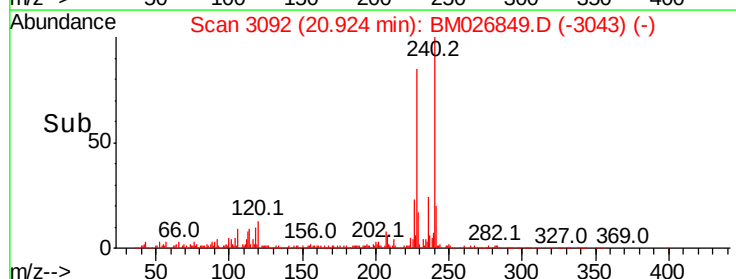
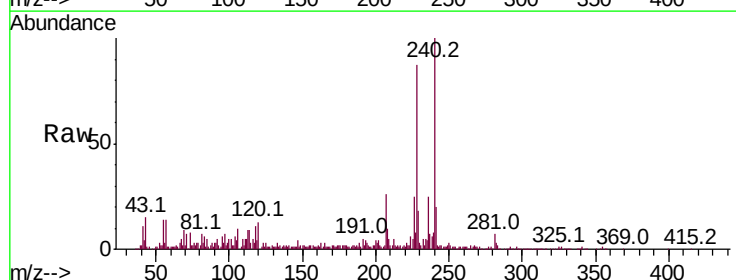
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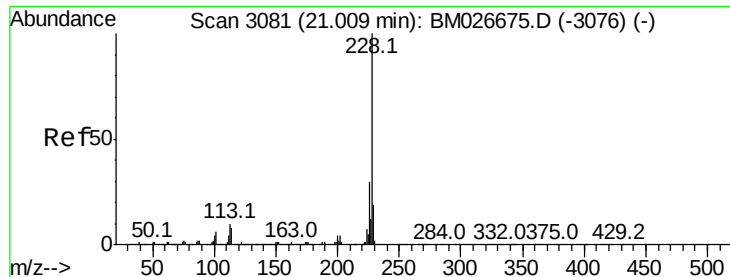
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#81
 Benzo(a)anthracene
 Concen: 3.174 ng
 RT: 20.92 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM026849.D
 Acq: 23 Jul 2020 13:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.4	32.2
229	21.0	15.6	23.4





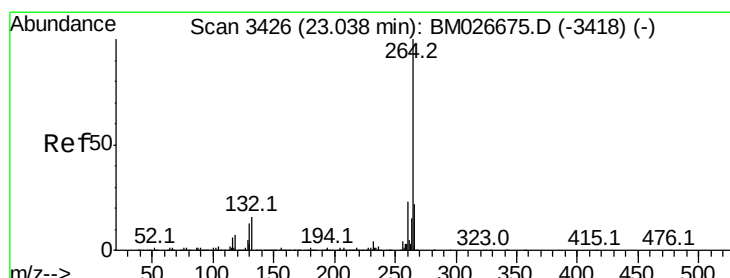
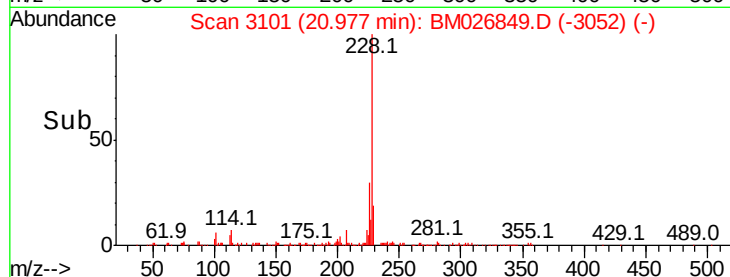
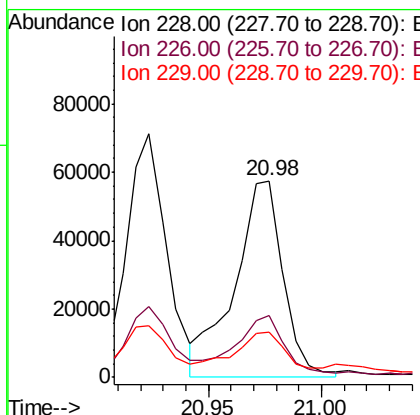
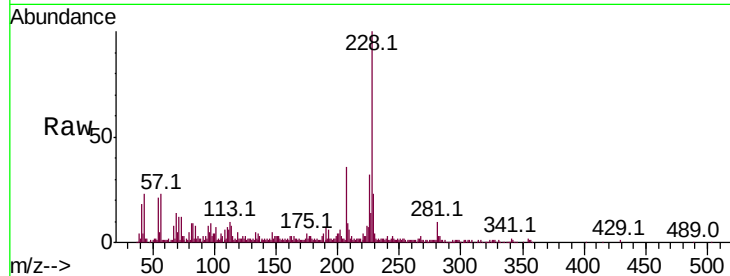
#83
Chrysene
Concen: 3.278 ng/ml
RT: 20.98 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Instrument :
BNA_M
ClientSampled :
SP-2RX

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.7	35.5
229	23.1	15.4	23.0

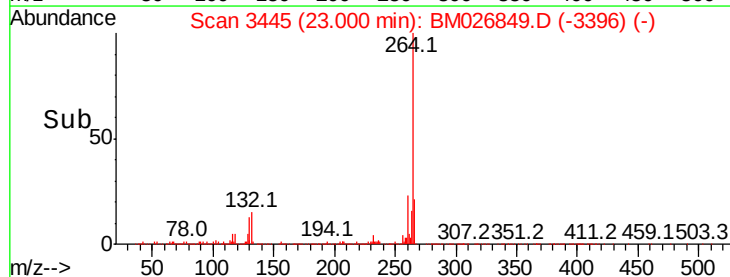
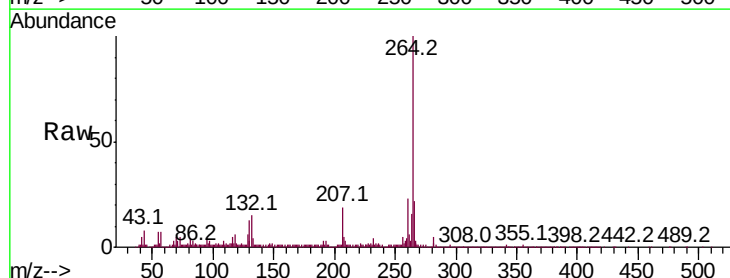
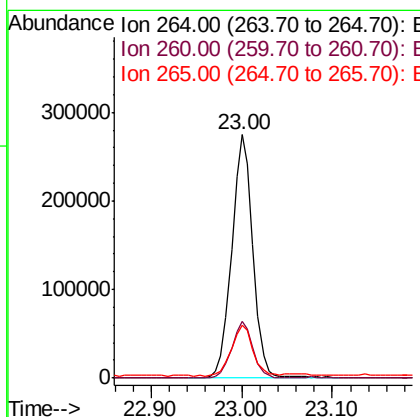
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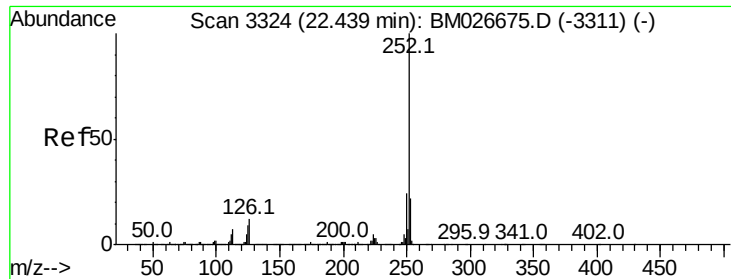
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.00 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.8	17.6	26.4





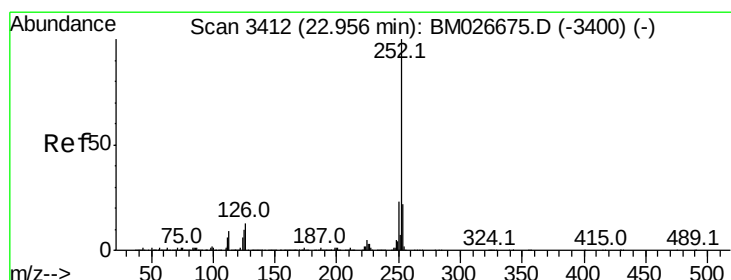
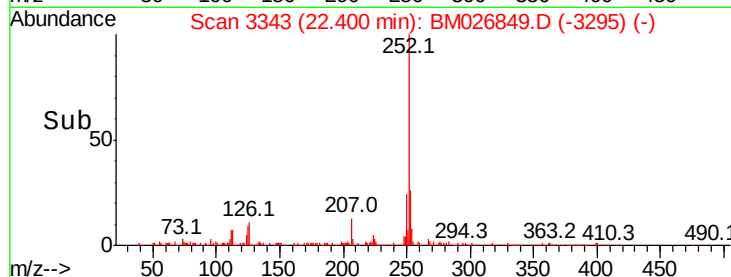
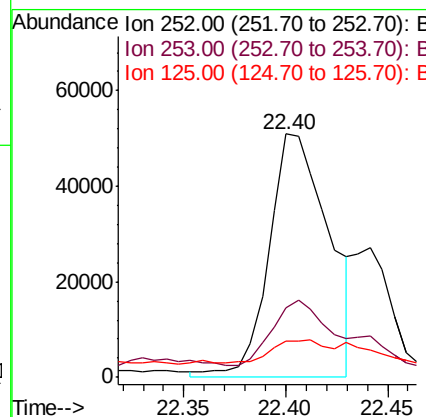
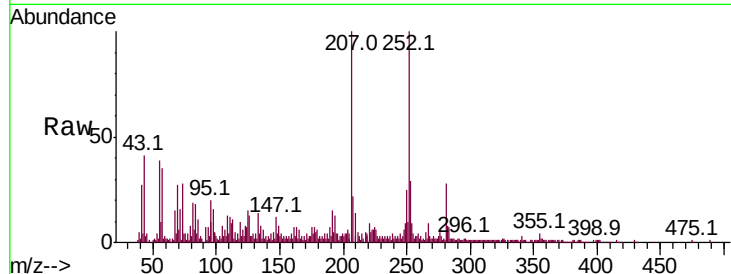
#88
Benzo(b)fluoranthene
Concen: 3.607 ng m
RT: 22.40 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Instrument :
BNA_M
ClientSampleId :
SP-2RX

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.5	26.3#
125	14.6	7.5	11.3#

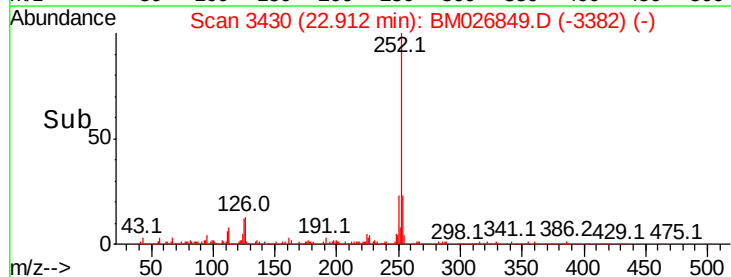
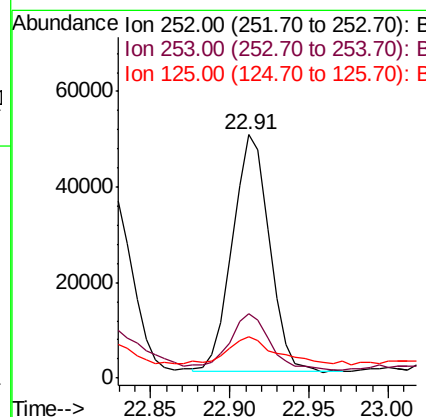
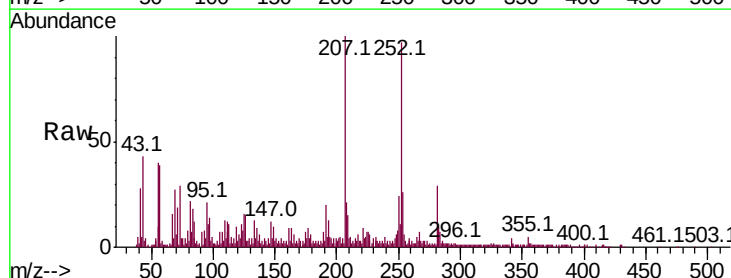
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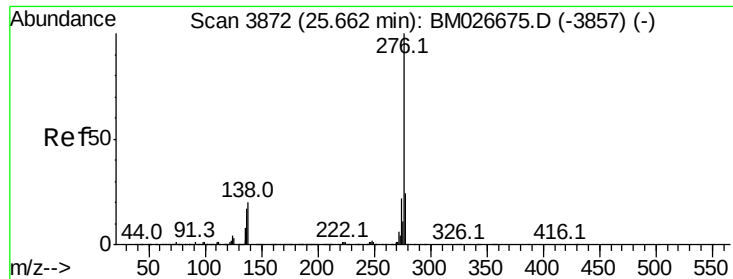
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#90
Benzo(a)pyrene
Concen: 2.987 ng
RT: 22.91 min Scan# 3430
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.2#
125	17.0	8.2	12.4#





#92
 Benzo(a,h,i)perylene
 Concen: 2.137 ng
 RT: 25.58 min Scan# 3884
 Delta R.T. -0.03 min
 Lab File: BM026849.D
 Acq: 23 Jul 2020 13:51

Instrument :
 BNA_M
 ClientSampleId :
 SP-2RX

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	26.9	19.1	28.7
138	24.0	15.8	23.8

Manual Integrations
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