

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
 Data File : BM020301.D
 Acq On : 12 May 2019 16:43
 Operator : JU/SJ
 Sample : K2768-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS016-1824-01

Manual Integrations
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Sohil
 5/14/2019 8:07:32 PM

Quant Time: May 13 06:59:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	59959	20.00	ng	-0.03
21) Naphthalene-d8	10.56	136	197853	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	116522	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	271357	20.00	ng	-0.02
76) Chrysene-d12	21.34	240	294351	20.00	ng	-0.02
87) Perylene-d12	23.63	264	366727	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	436483	118.99	ng	-0.02
7) Phenol-d6	6.93	99	571327	114.01	ng	-0.02
23) Nitrobenzene-d5	8.93	82	394866	78.79	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	218880	121.02	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	739740	78.11	ng	-0.03
79) Terphenyl-d14	19.79	244	1131557	67.05	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.87	163	125423	12.665	ng	99
71) Phenanthrene	17.20	178	30085	2.008	ng	96
75) Fluoranthene	19.22	202	59479	3.138	ng	99
78) Pyrene	19.59	202	106639	5.396	ng	99
81) Benzo(a)anthracene	21.33	228	44892m	2.175	ng	
83) Chrysene	21.38	228	53434m	2.669	ng	
88) Benzo(b)fluoranthene	22.94	252	49112m	2.028	ng	
90) Benzo(a)pyrene	23.53	252	44661	2.030	ng	# 94

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

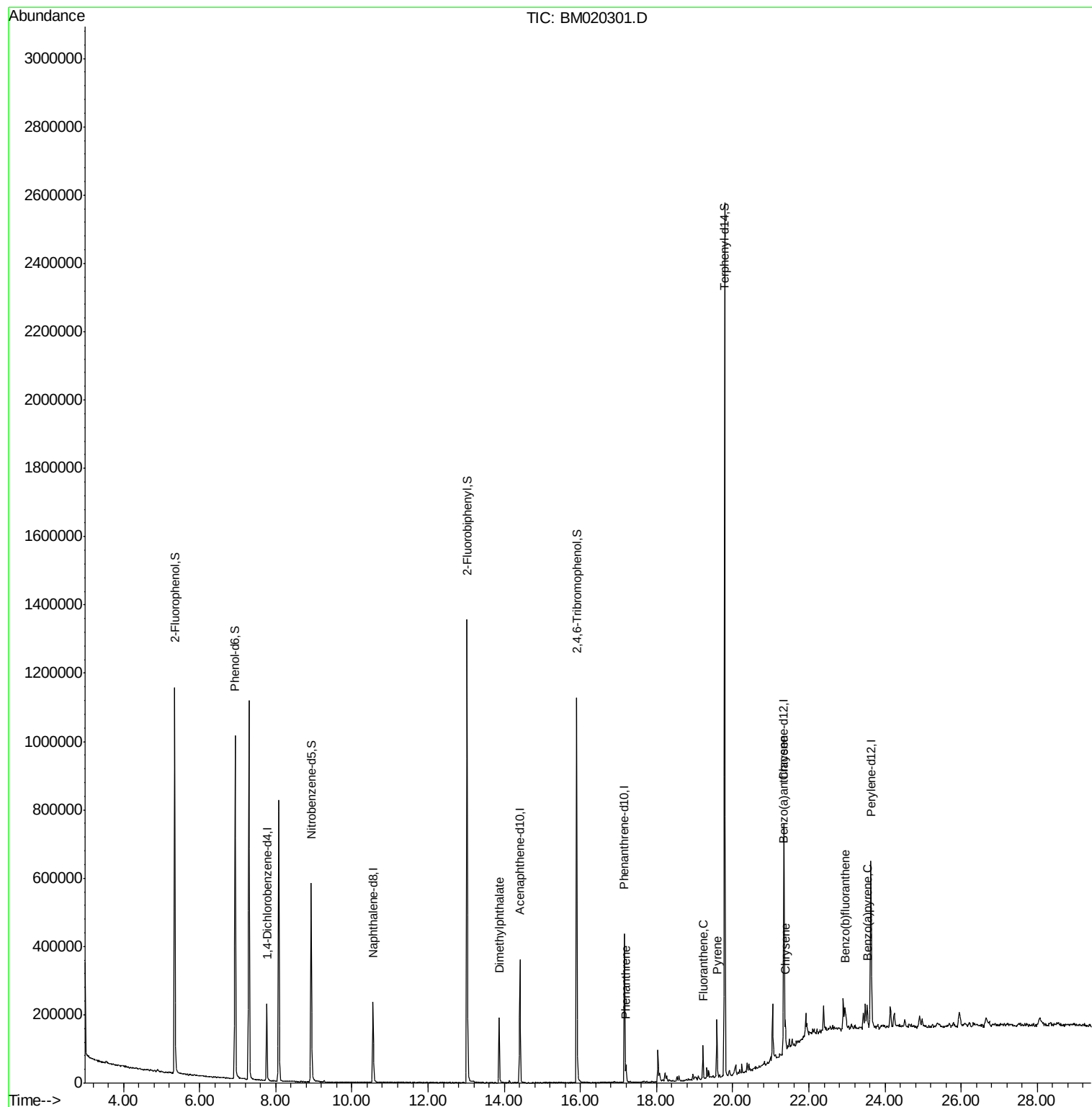
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
Data File : BM020301.D
Acq On : 12 May 2019 16:43
Operator : JU/SJ
Sample : K2768-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

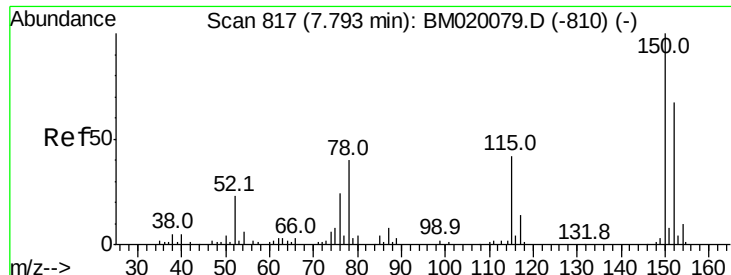
Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Manual Integrations
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Quant Time: May 13 06:59:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration





#1

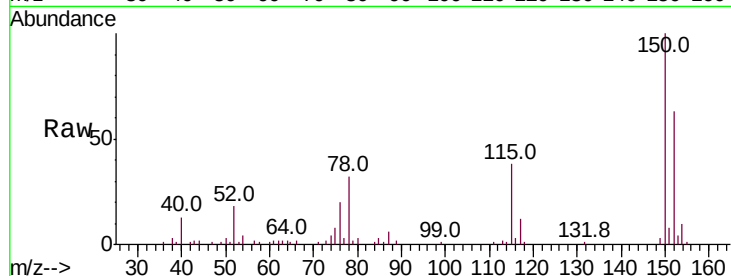
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 812
Delta R.T. -0.03 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	119.8	179.8
115	59.6	50.8	76.2

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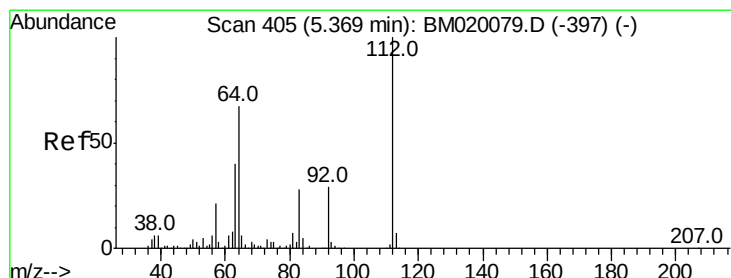
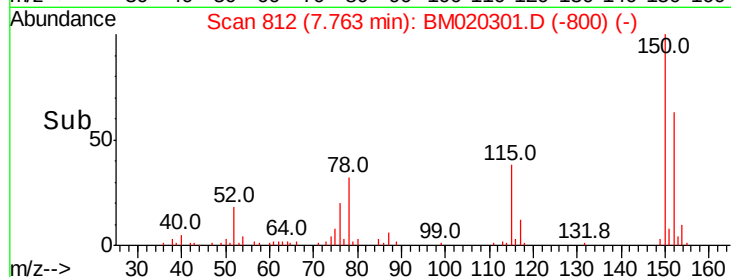
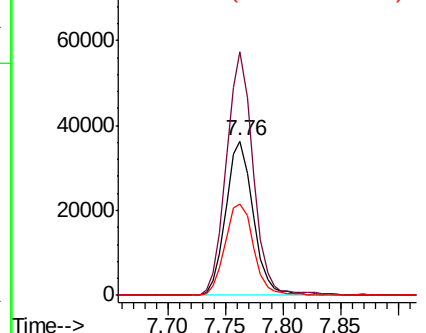


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

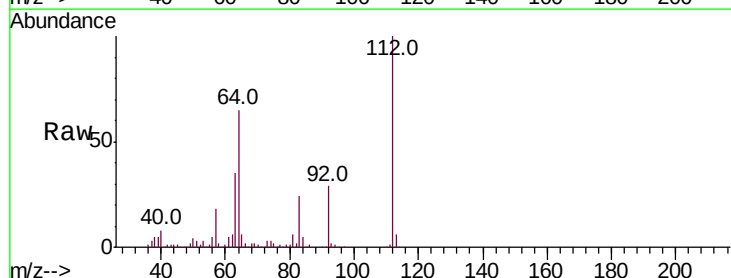
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.993 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	53.8	80.6
63	35.0	32.3	48.5

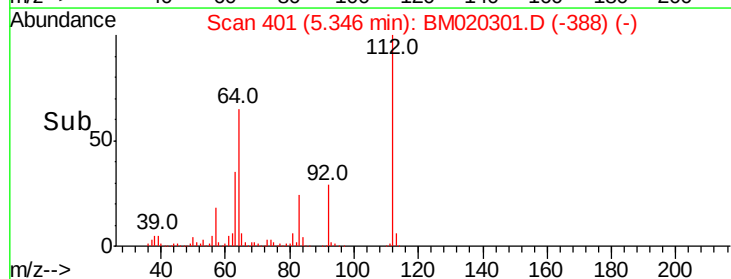
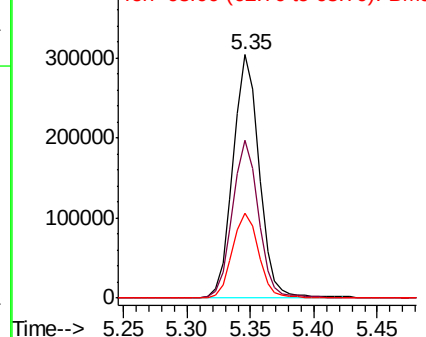


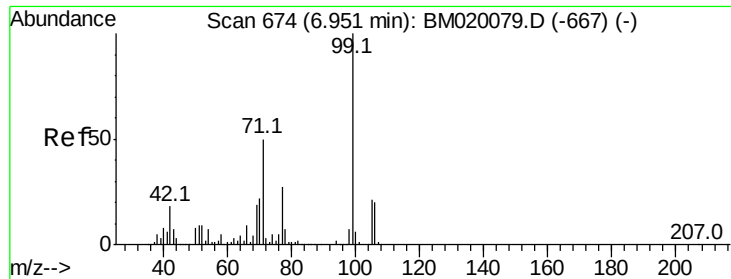
Abundance

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: 114.010 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020301.D

Acq: 12 May 2019 16:43

Instrument :

BNA_M

ClientSampleId :

P026-SS016-1824-01

Tot Ion: 99 Resp: 571327

Ion Ratio Lower Upper

99 100

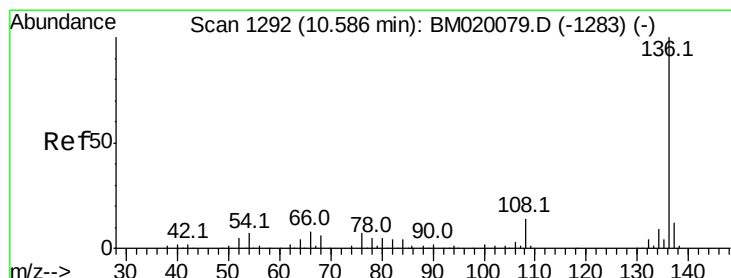
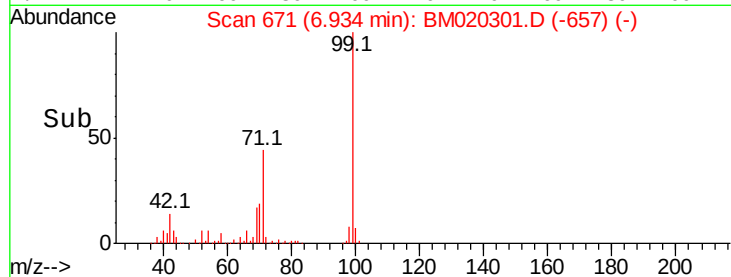
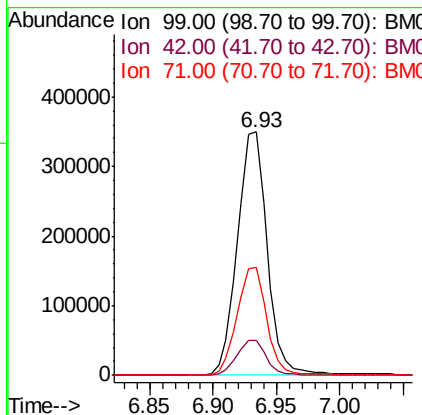
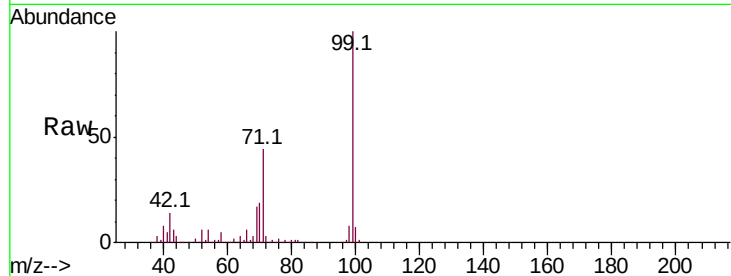
42 14.1 14.2 21.2#

71 44.4 40.3 60.5

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BM020301.D

Acq: 12 May 2019 16:43

Tgt Ion: 136 Resp: 197853

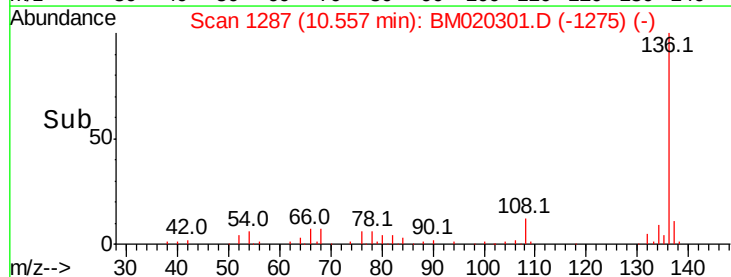
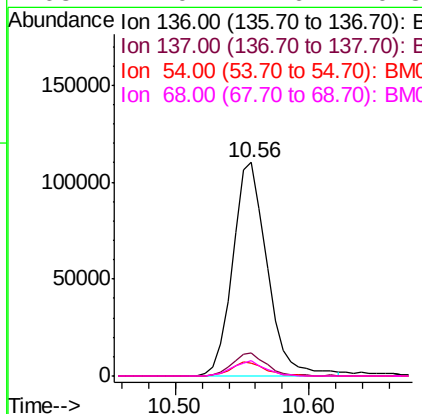
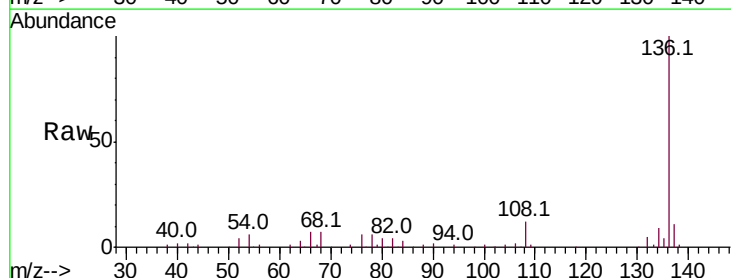
Ion Ratio Lower Upper

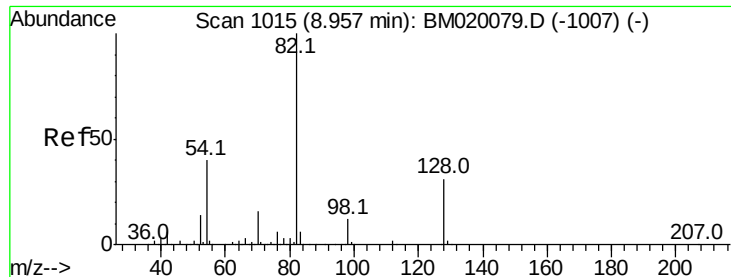
136 100

137 10.6 9.6 14.4

54 5.8 5.5 8.3

68 7.0 4.6 6.8#





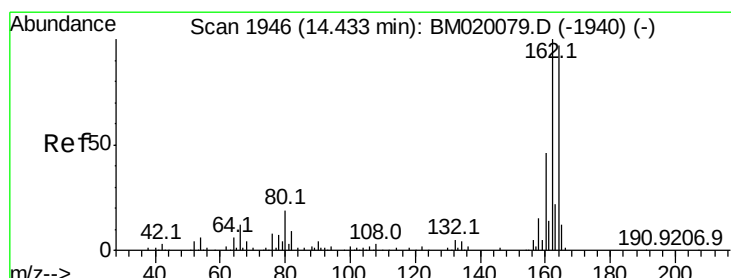
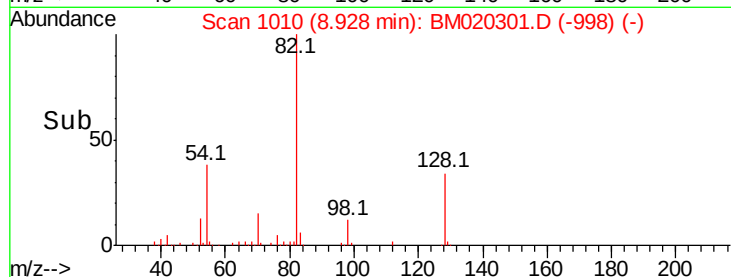
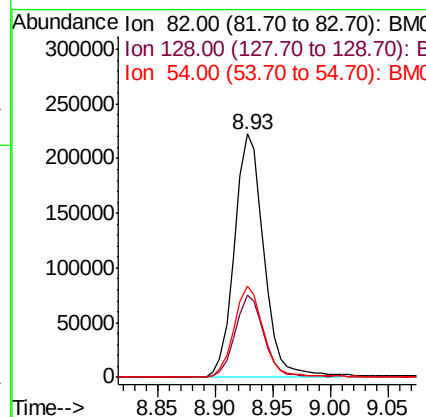
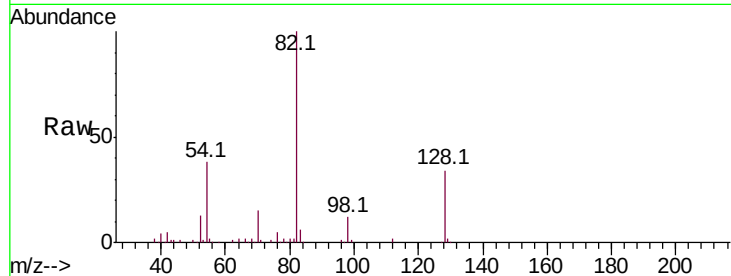
#23
Nitrobenzene-d5
Concen: 78.793 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.9	25.2	37.8	
54	37.6	31.9	47.9	

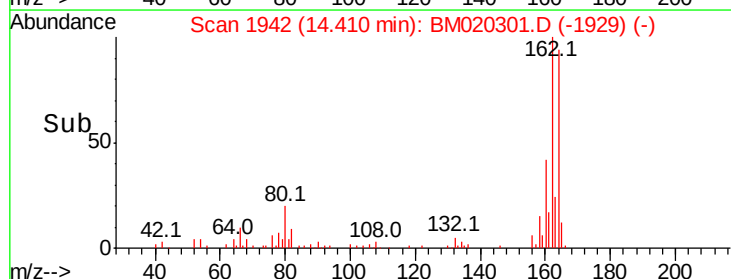
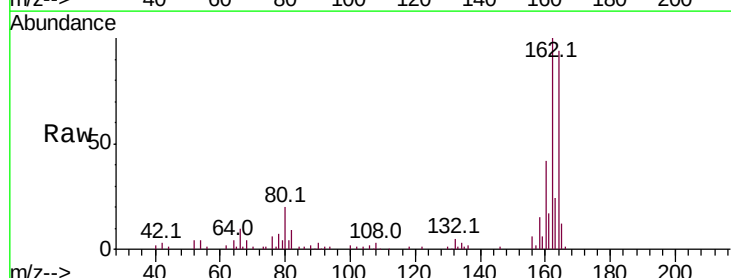
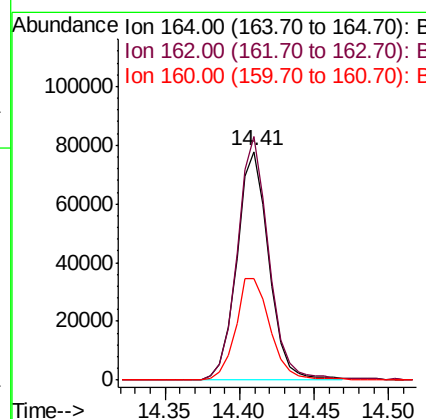
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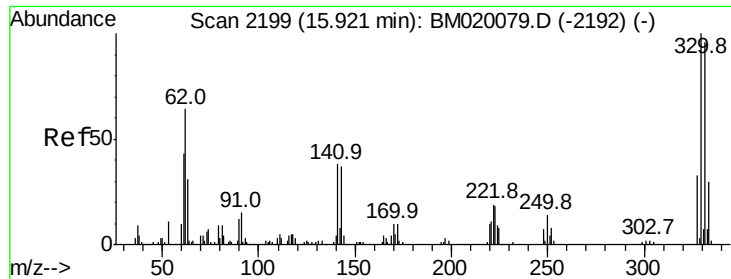
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.6	82.2	123.2	
160	44.3	37.6	56.4	





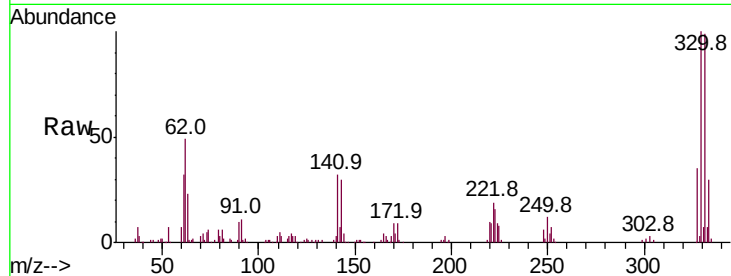
#42
 2,4,6-Tribromophenol
 Concen: 121.019 ng
 RT: 15.90 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BM020301.D
 Acq: 12 May 2019 16:43

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS016-1824-01

Tot Ion	Ratio	Resp	Lower	Upper
330	100	218880		
332	98.1	76.8	115.2	
141	32.8	29.2	43.8	

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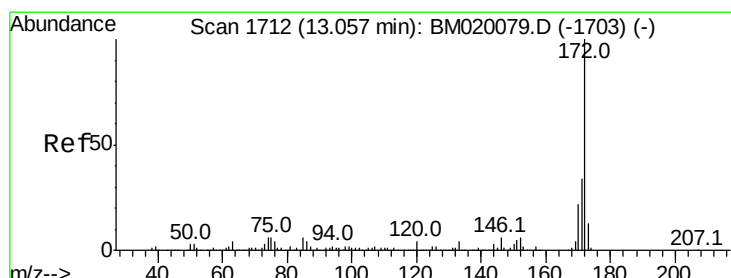
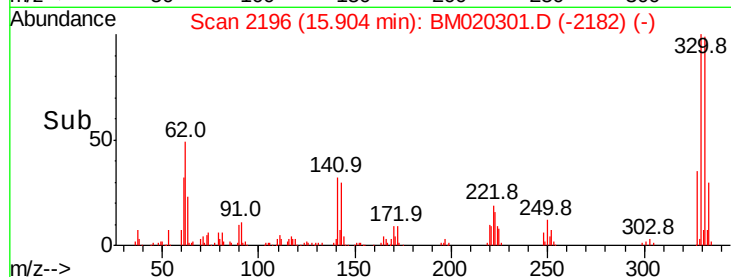
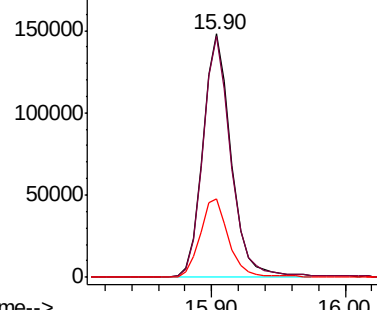


Abundance

Ion 329.80 (329.50 to 330.50): E

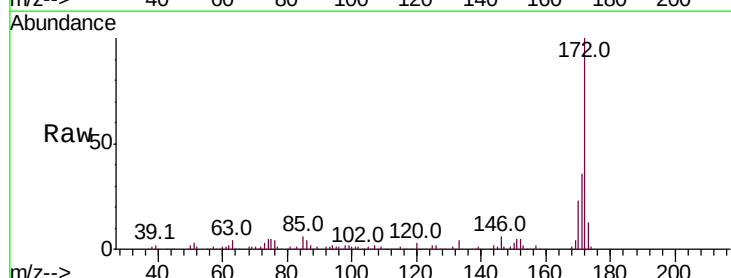
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.110 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.03 min
 Lab File: BM020301.D
 Acq: 12 May 2019 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	739740		
171	35.8	27.3	40.9	
170	23.0	17.9	26.9	

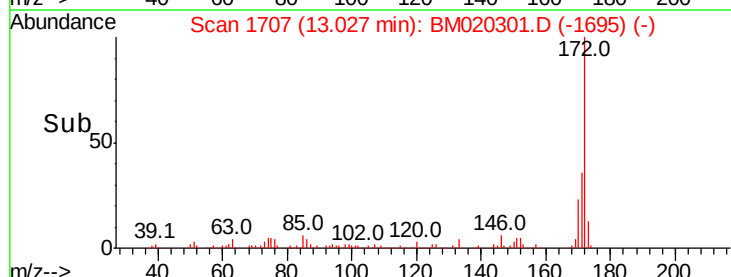
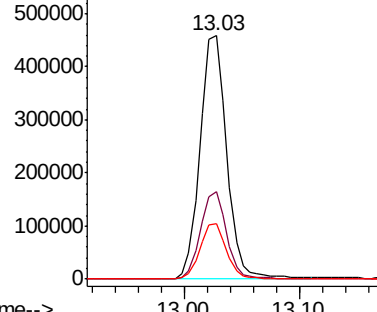


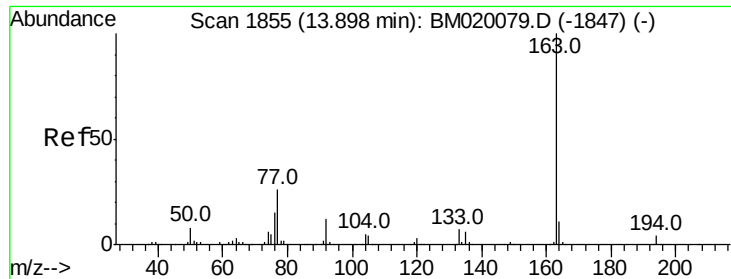
Abundance

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: 12.665 ng

RT: 13.87 min Scan# 1850

Delta R.T. -0.03 min

Lab File: BM020301.D

Acq: 12 May 2019 16:43

Instrument :

BNA_M

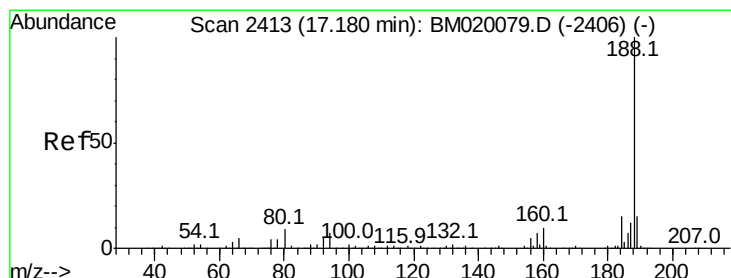
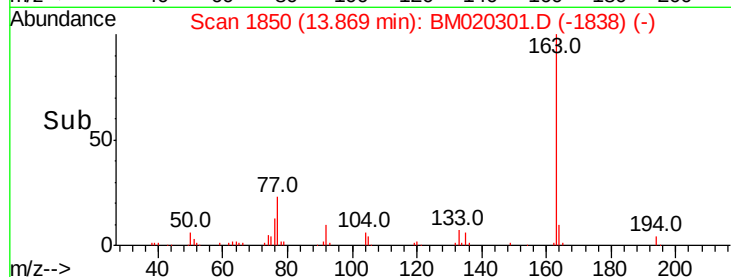
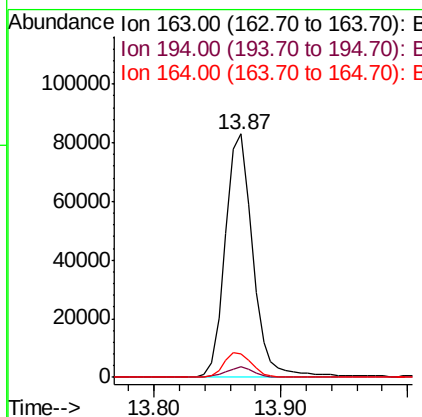
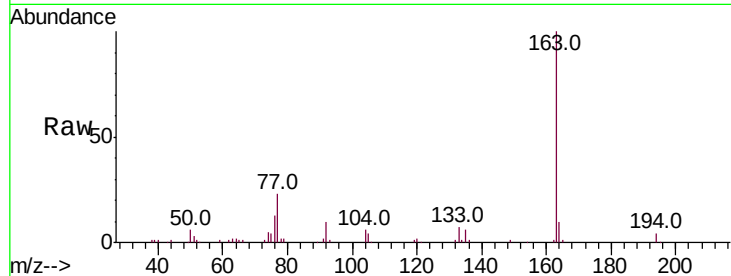
ClientSampleId :

P026-SS016-1824-01

Tot Ion:	163	Resp:	125423
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	9.8	8.4	12.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

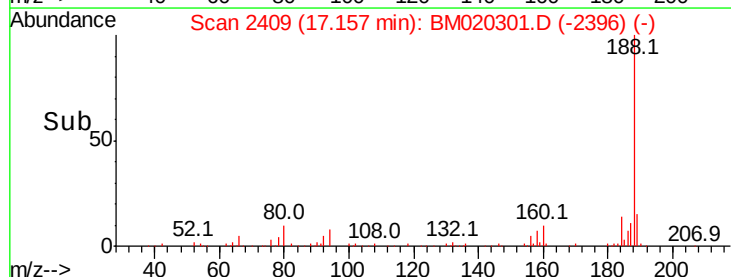
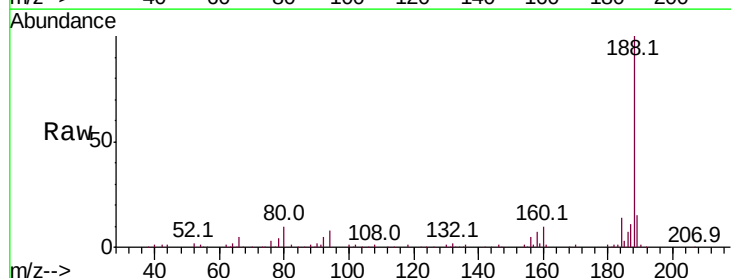
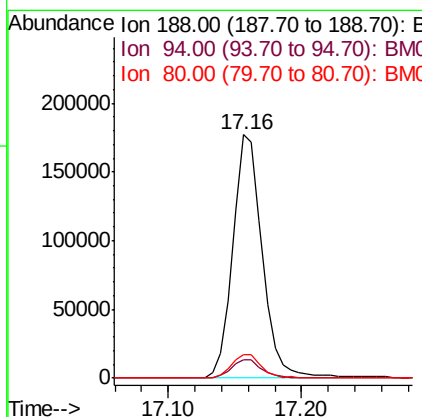
RT: 17.16 min Scan# 2409

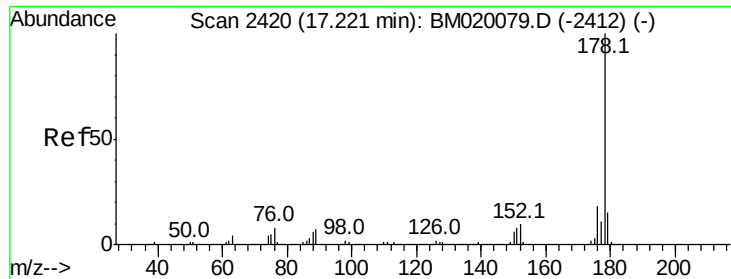
Delta R.T. -0.02 min

Lab File: BM020301.D

Acq: 12 May 2019 16:43

Tgt Ion:	188	Resp:	271357
Ion Ratio	Lower	Upper	
188	100		
94	7.5	5.8	8.6
80	9.9	7.4	11.2





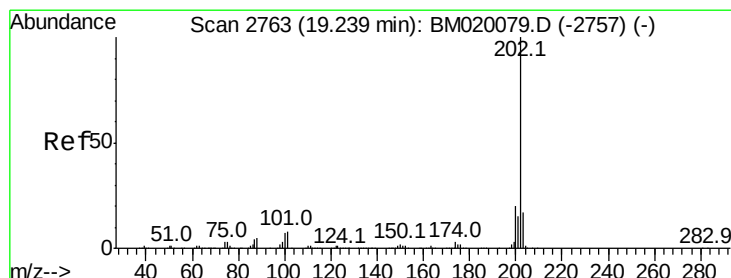
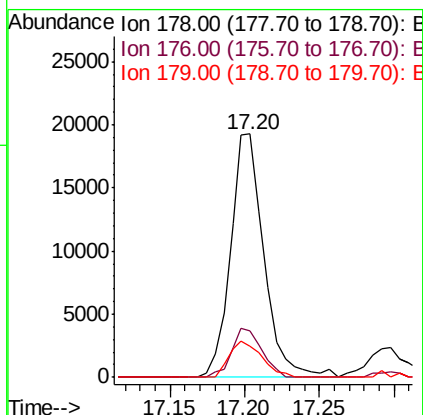
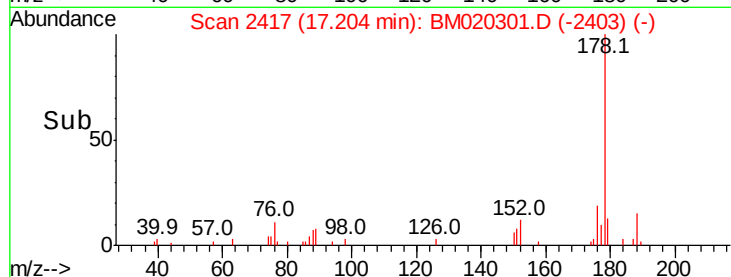
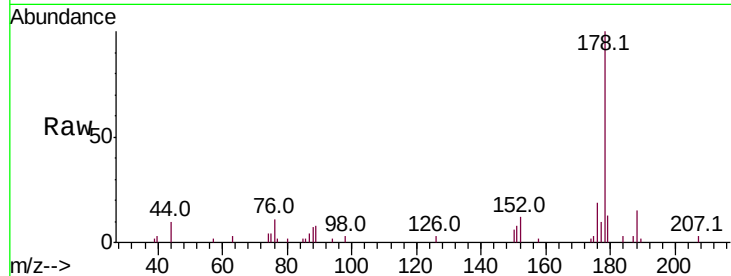
#71
Phenanthrene
Concen: 2.008 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	21.8
179	13.0	12.4	18.6

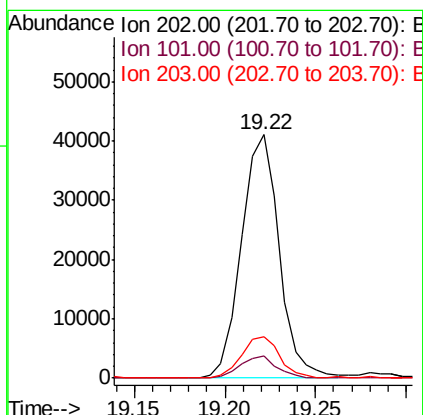
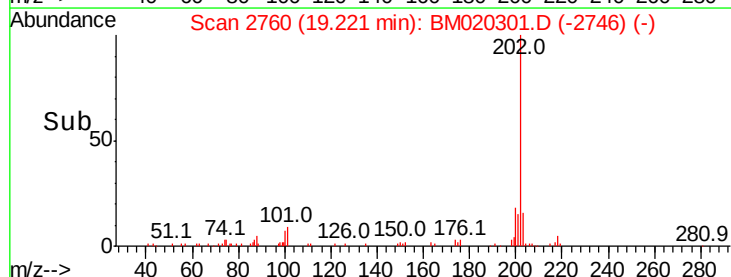
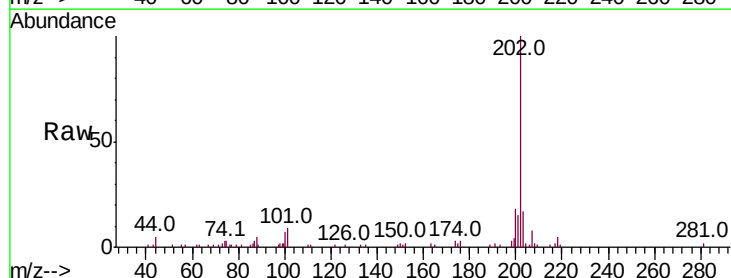
Manual Integrations
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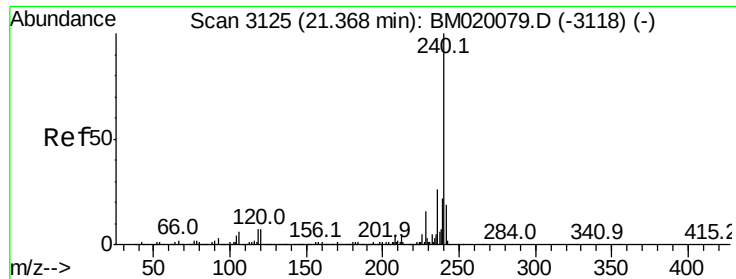
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#75
Fluoranthene
Concen: 3.138 ng
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	28.4
203	17.2	0.0	37.4





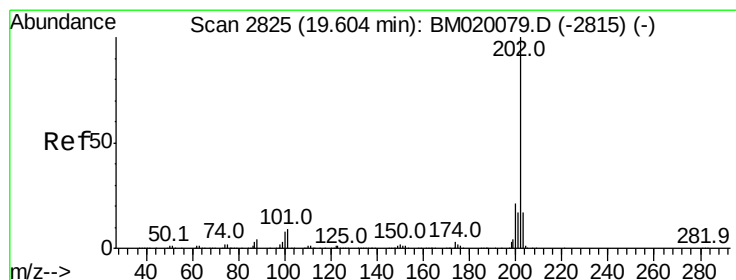
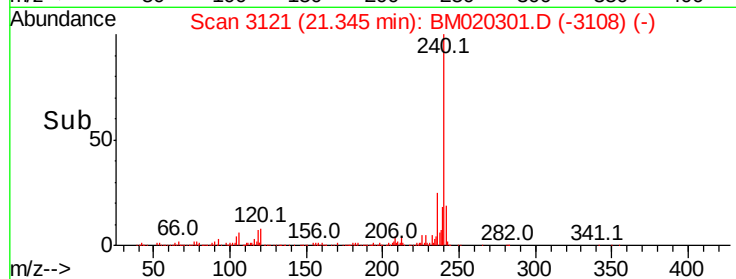
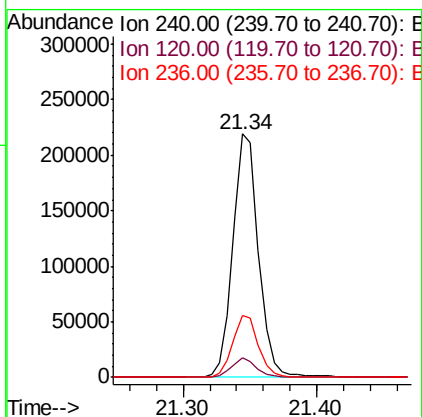
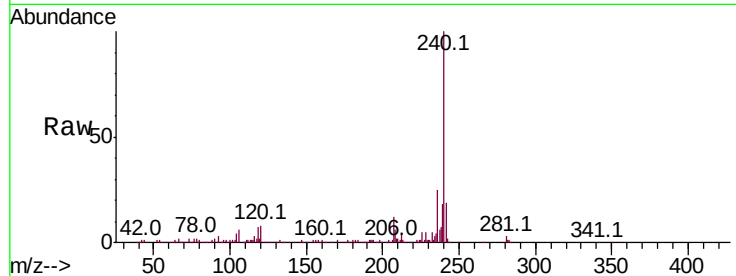
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.6	8.4
236	25.3	20.9	31.3

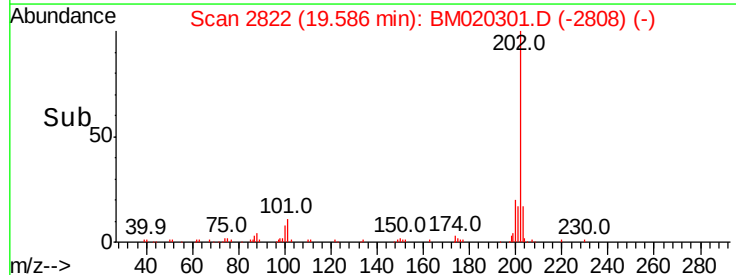
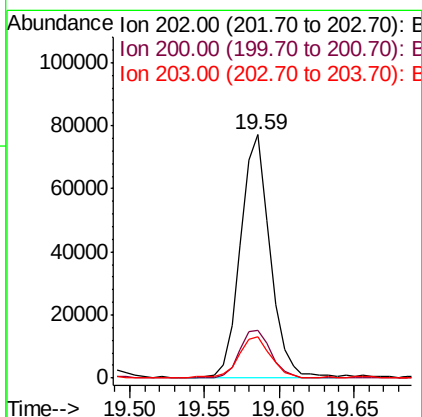
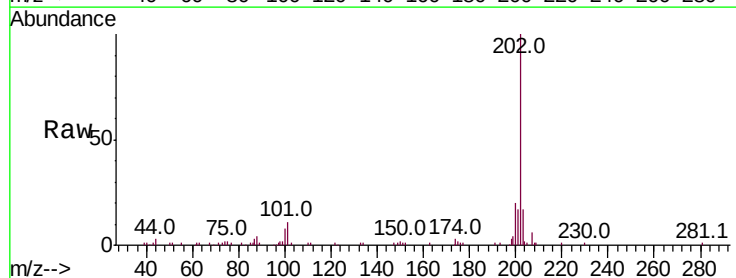
Manual Integrations
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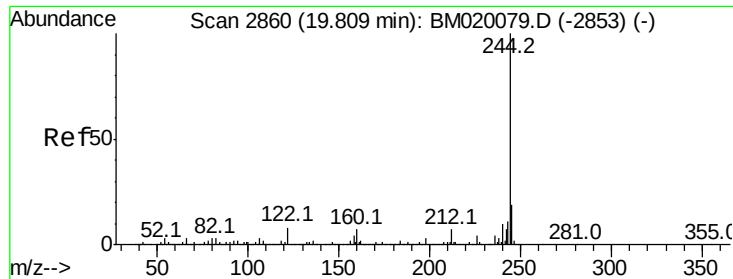
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#78
Pyrene
Concen: 5.396 ng
RT: 19.59 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.5	24.7
203	17.0	13.9	20.9





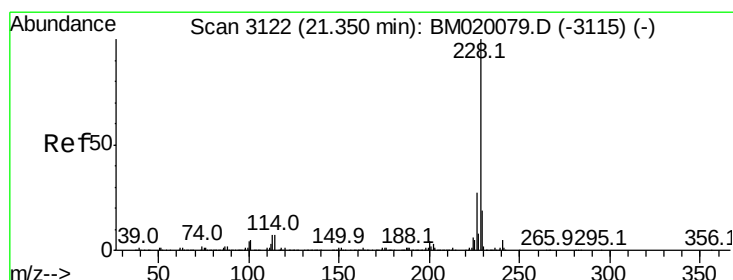
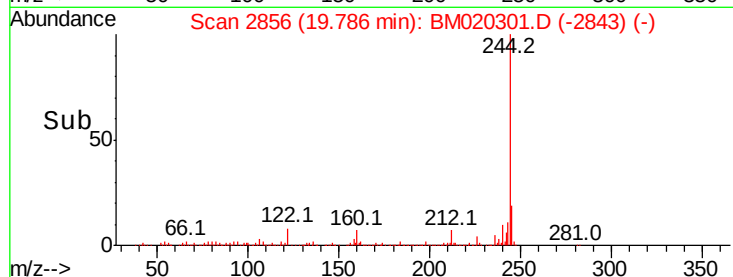
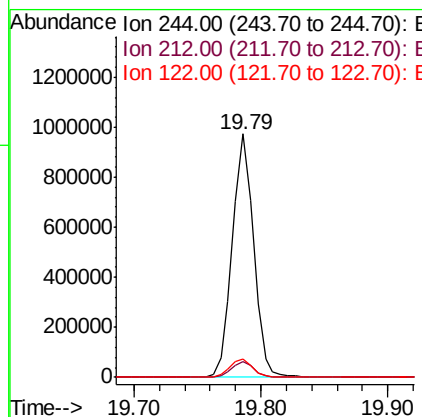
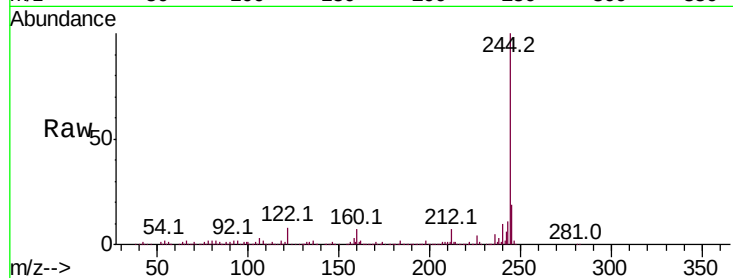
#79
 Terphenyl-d14
 Concen: 67.052 ng
 RT: 19.79 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: BM020301.D
 Acq: 12 May 2019 16:43

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS016-1824-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	7.8	6.2	9.2

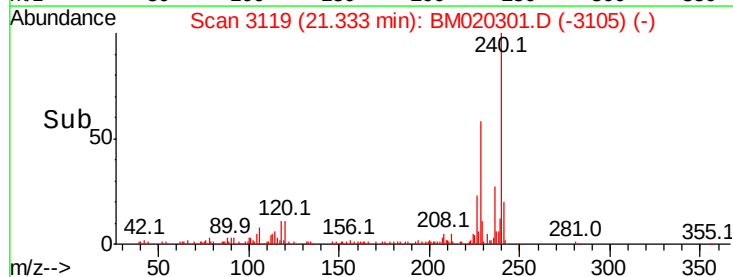
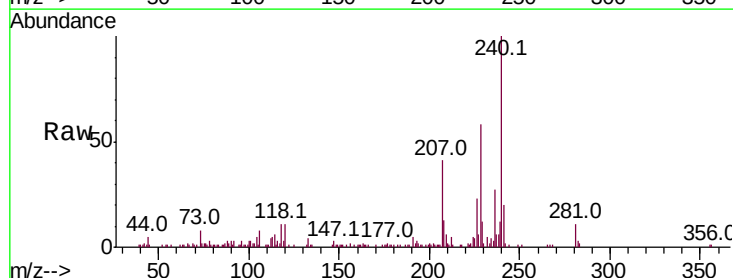
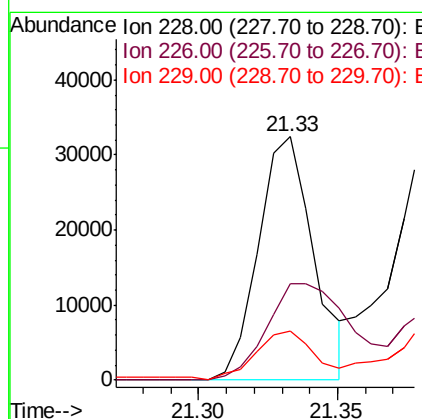
Manual Integrations
 APPROVED

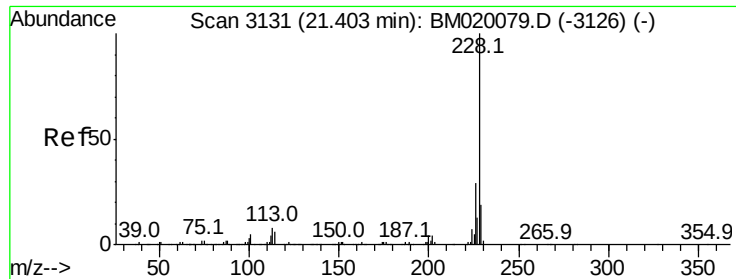
Sohil
 5/14/2019 8:07:32 PM



#81
 Benzo(a)anthracene
 Concen: 2.175 ng m
 RT: 21.33 min Scan# 3119
 Delta R.T. -0.02 min
 Lab File: BM020301.D
 Acq: 12 May 2019 16:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.5	21.3	31.9#
229	20.0	15.5	23.3





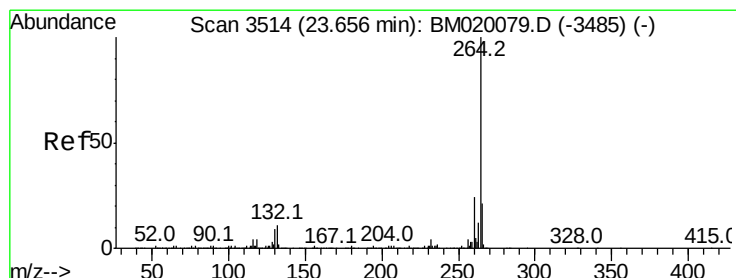
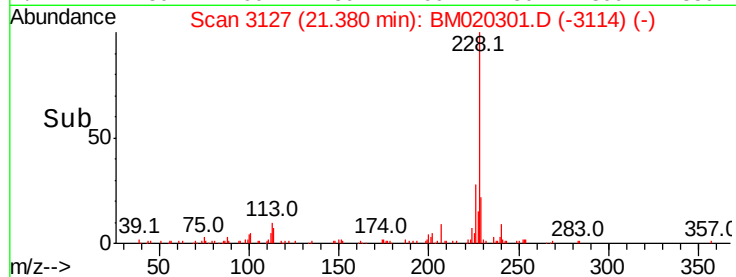
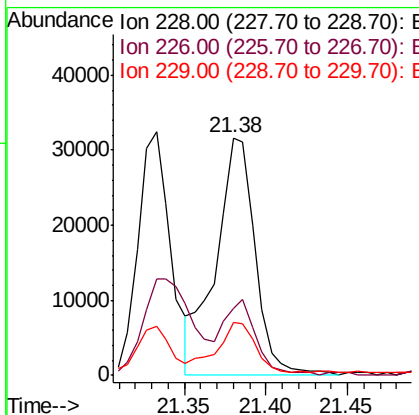
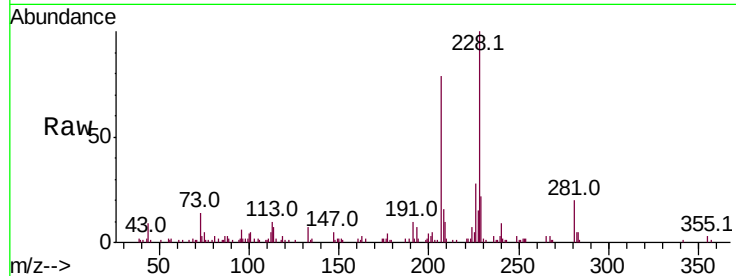
#83
Chrysene
Concen: 2.669 ng/mL
RT: 21.38 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tot Ion:	228	Resp:	53434
Ion Ratio	Lower	Upper	
228	100		
226	28.2	23.0	34.6
229	22.5	15.5	23.3

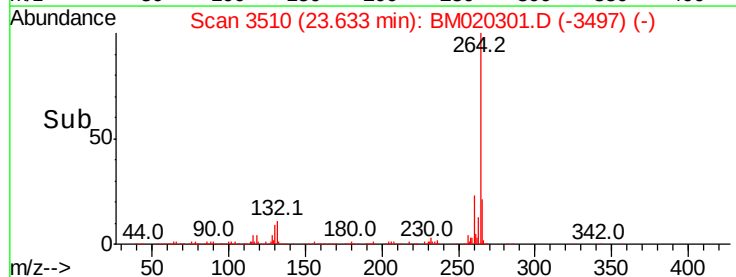
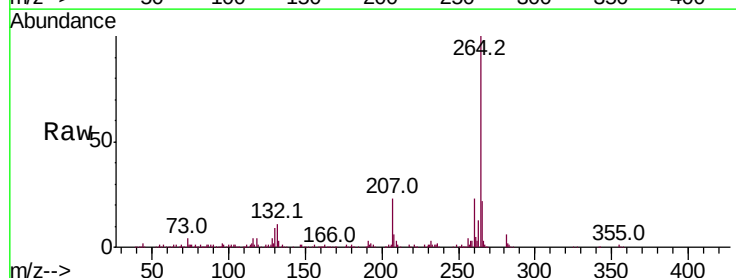
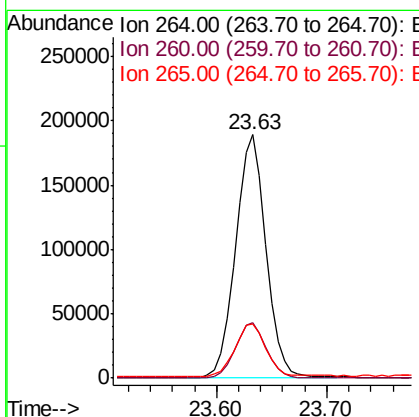
Manual Integrations
APPROVED

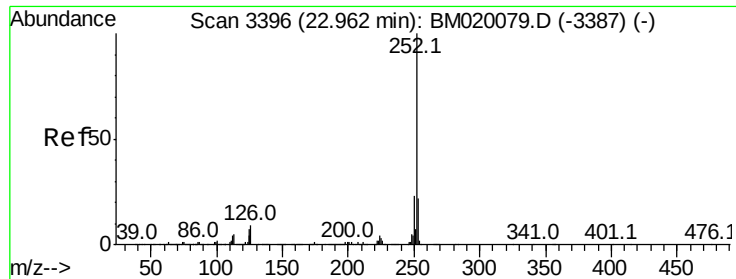
Sohil
5/14/2019 8:07:32 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Tgt Ion:	264	Resp:	366727
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.2	28.8
265	22.1	16.9	25.3





#88

Benzo(b)fluoranthene

Concen: 2.028 ng

RT: 22.94 min Scan# 3393

Delta R.T. -0.02 min

Lab File: BM020301.D

Acq: 12 May 2019 16:43

Instrument :

BNA_M

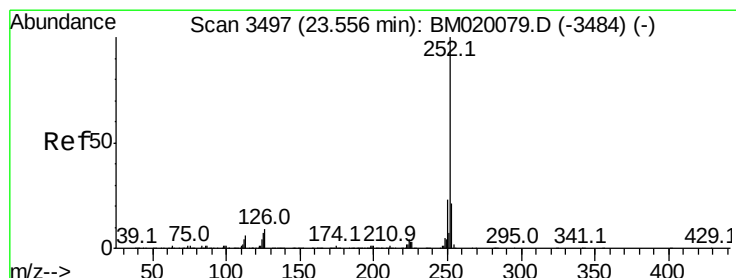
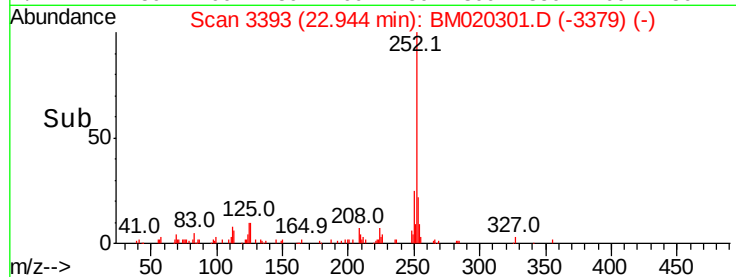
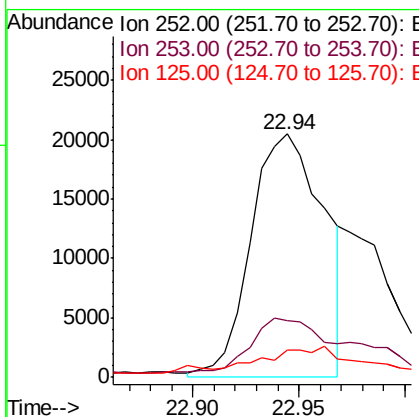
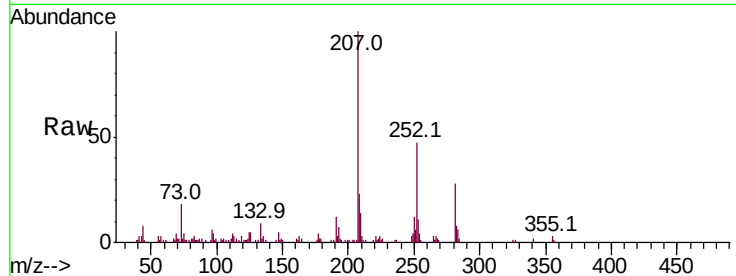
ClientSampleId :

P026-SS016-1824-01

Tot Ion:	252	Resp:	49112
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.5	26.3
125	11.3	5.4	8.2#

Manual Integrations
APPROVED

Sohil
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#90

Benzo(a)pyrene

Concen: 2.030 ng

RT: 23.53 min Scan# 3492

Delta R.T. -0.03 min

Lab File: BM020301.D

Acq: 12 May 2019 16:43

Tgt Ion:	252	Resp:	44661
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.0	25.6
125	10.6	5.5	8.3#

