

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016918.D
 Acq On : 13 Oct 2021 03:48
 Operator : CG/JU
 Sample : M4154-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-32

Manual Integrations
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Quant Time: Oct 13 06:20:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 02:19:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	21346	0.40	ng	0.00
7) Naphthalene-d8	10.445	136	93332	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	55052	0.40	ng	0.00
19) Phenanthrene-d10	17.030	188	105706	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	105669	0.40	ng	# 0.00
35) Perylene-d12	23.474	264	114087	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	7440	0.15	ng	0.02
5) Phenol-d6	6.877	99	4710	0.09	ng	0.00
8) Nitrobenzene-d5	8.822	82	19285	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	37578	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	10031	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	50177	0.24	ng	0.00
27) Fluoranthene-d10	19.068	212	87973	0.33	ng	0.00
31) Terphenyl-d14	19.678	244	69143	0.30	ng	0.00
Target Compounds						Qvalue
24) Pentachlorophenol	16.689	266	4168	0.32	ng	100
25) Phenanthrene	17.078	178	29188m	0.10	ng	

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

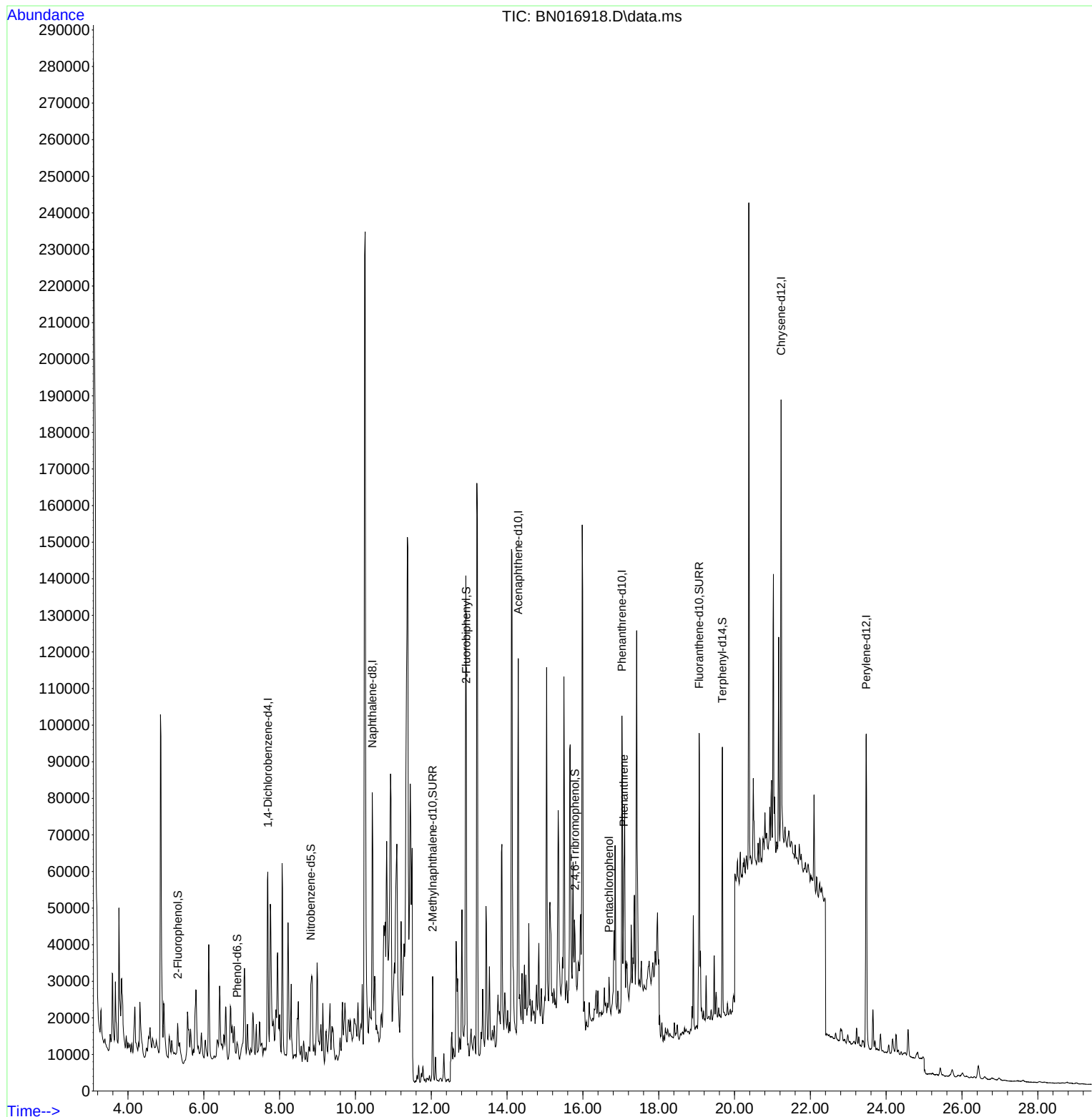
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Data File : BN016918.D
Acq On : 13 Oct 2021 03:48
Operator : CG/JU
Sample : M4154-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

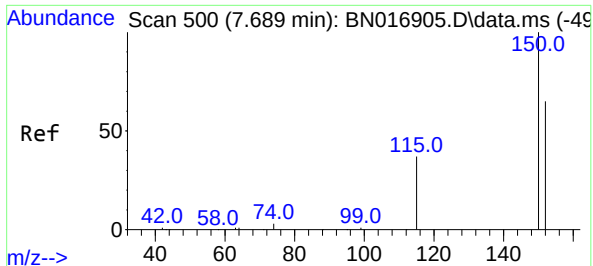
Instrument :
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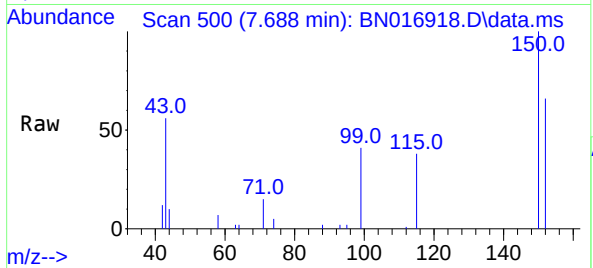
Quant Time: Oct 13 06:20:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 02:19:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.688 min Scan# 500
Delta R.T. -0.001 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

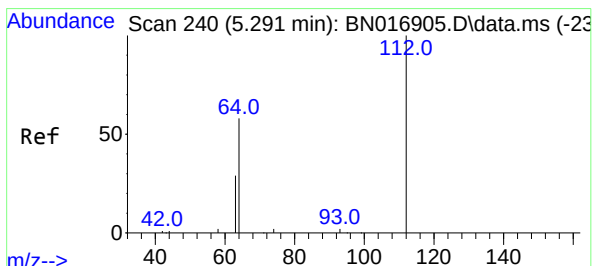
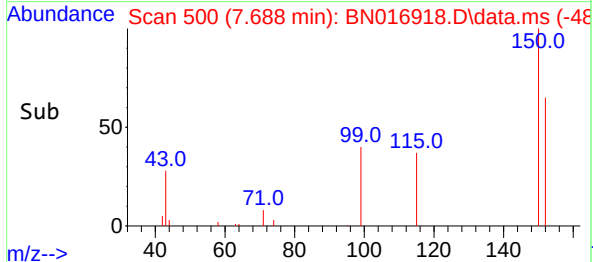
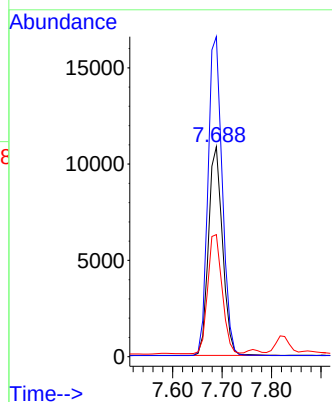
Instrument :
BNA_N
ClientSampleId :
SW-CB-32



Tgt Ion:152 Resp: 21346
Ion Ratio Lower Upper
152 100
150 152.4 122.6 183.8
115 58.2 46.1 69.1

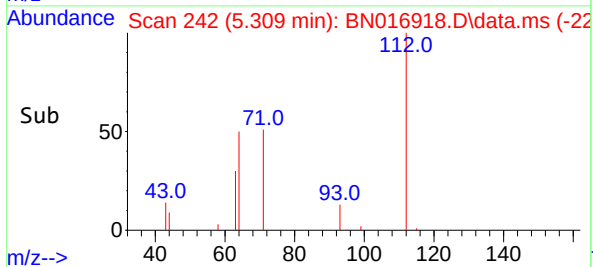
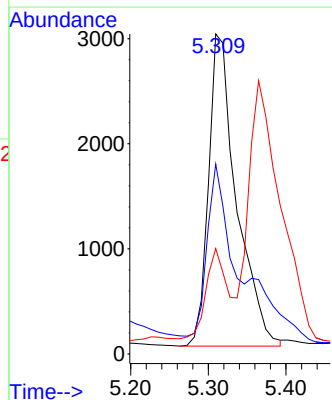
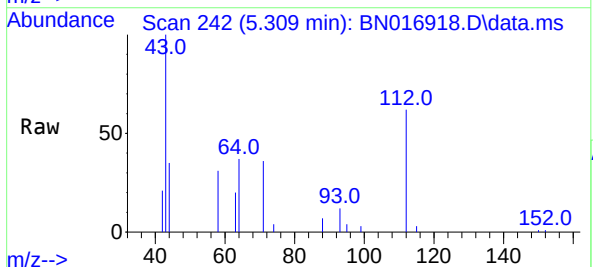
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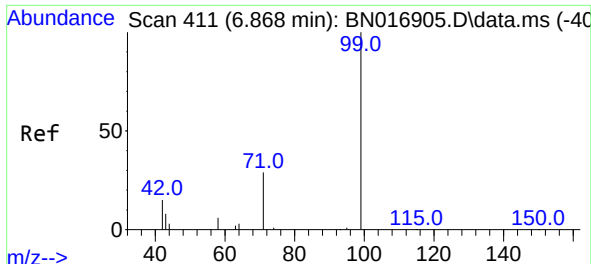
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#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.018 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion:112 Resp: 7440
Ion Ratio Lower Upper
112 100
64 60.8 45.0 67.4
63 23.4 22.6 33.8





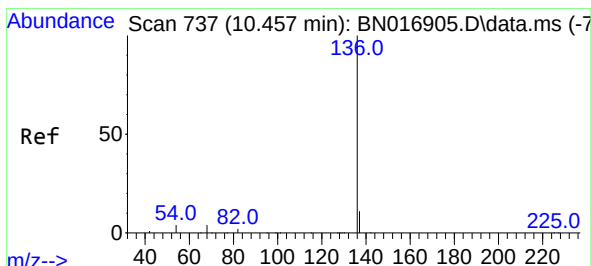
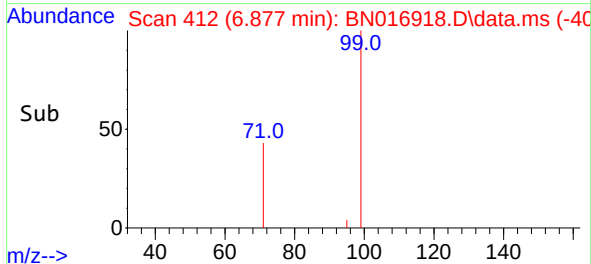
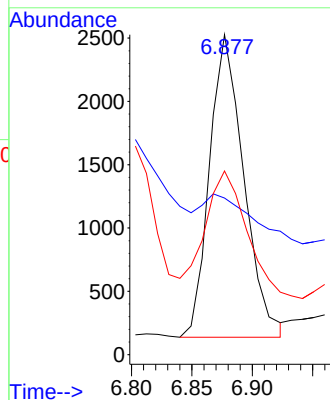
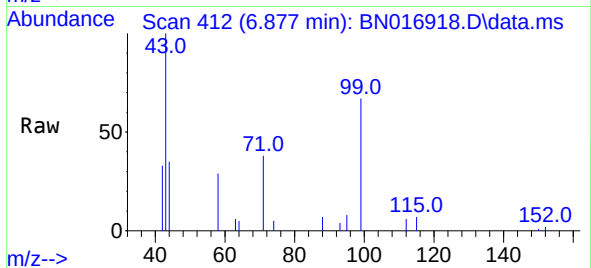
#5
Phenol-d6
Concen: 0.09 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion: 99 Resp: 4710
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 49.5 24.5 36.7#

Instrument :
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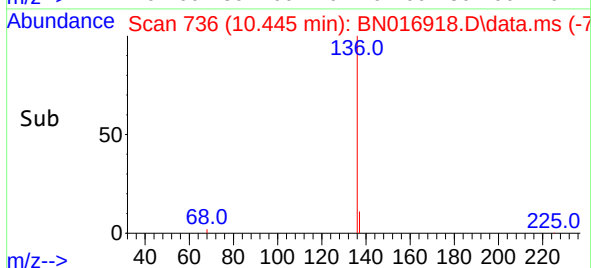
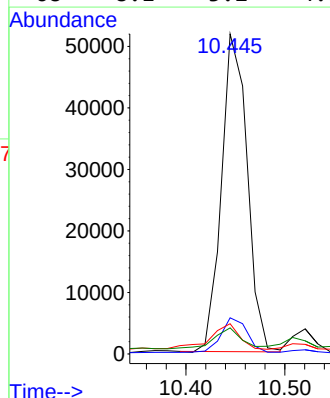
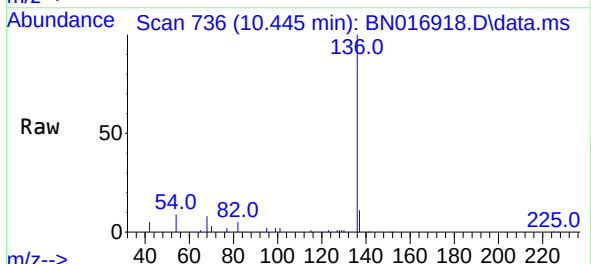
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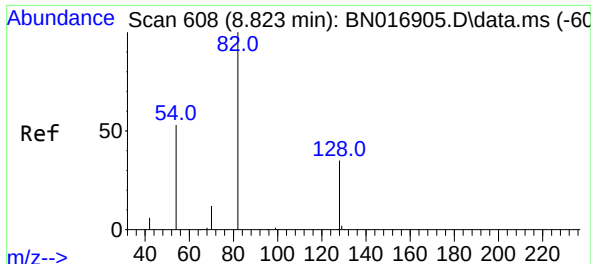
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#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion: 136 Resp: 93332
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 9.5 3.7 5.5#
68 8.1 3.2 4.8#





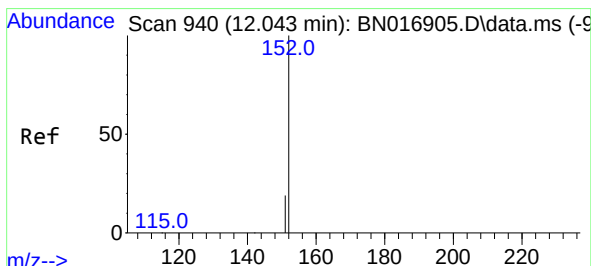
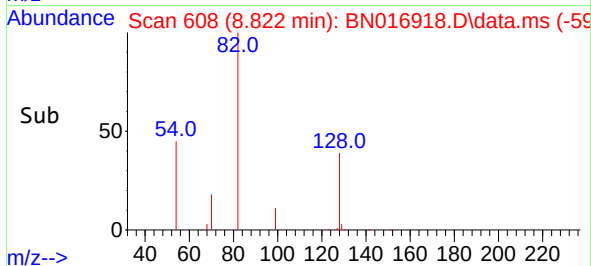
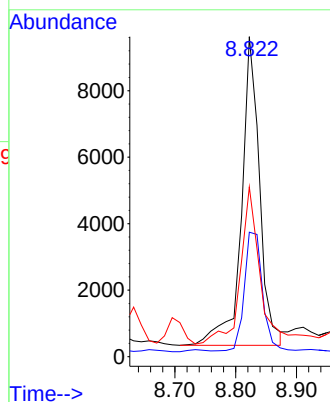
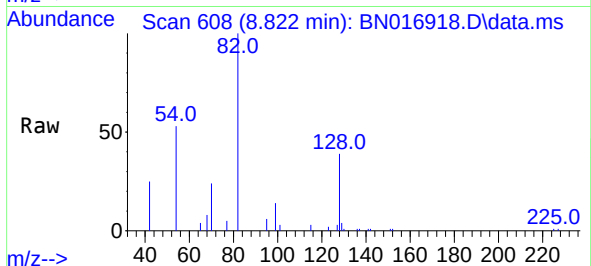
#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion: 82 Resp: 19285
Ion Ratio Lower Upper
82 100
128 38.9 28.3 42.5
54 53.0 43.0 64.4

Instrument :
BNA_N
ClientSampleId :
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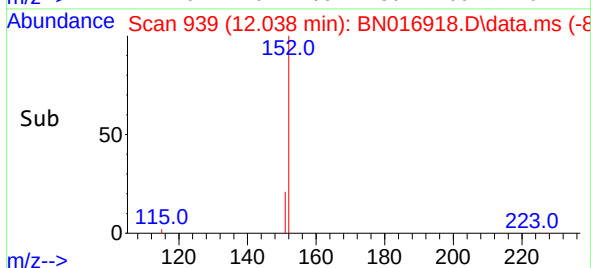
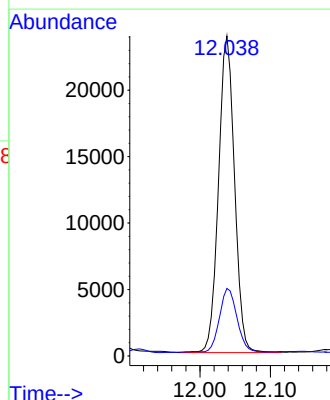
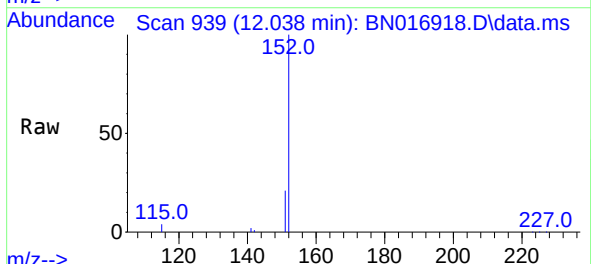
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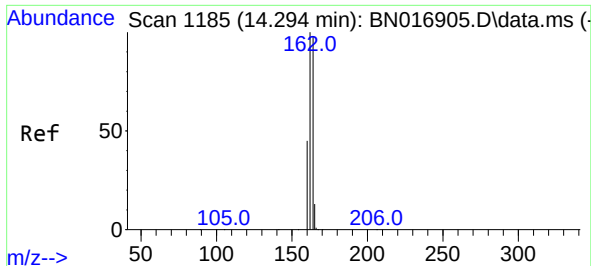
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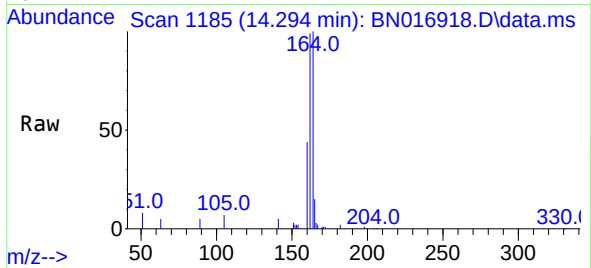
#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion: 152 Resp: 37578
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.4

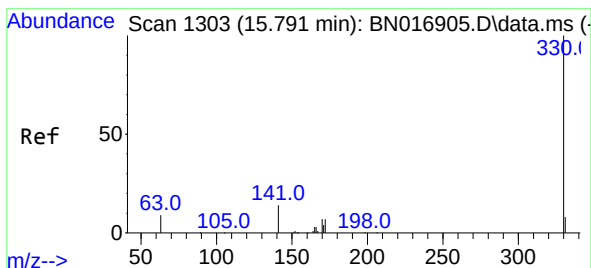
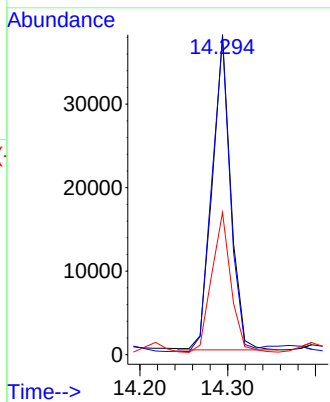
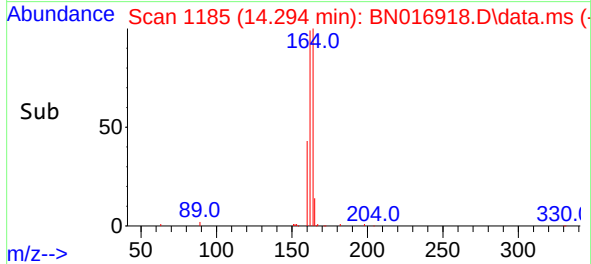




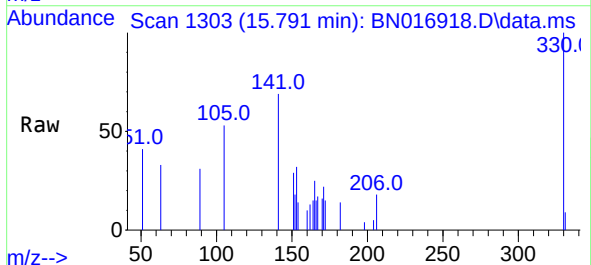
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48



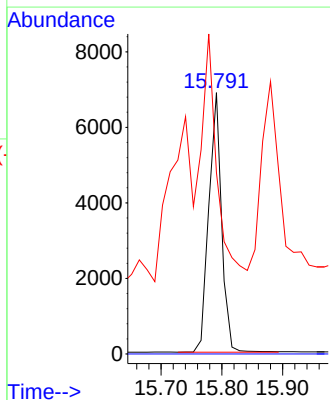
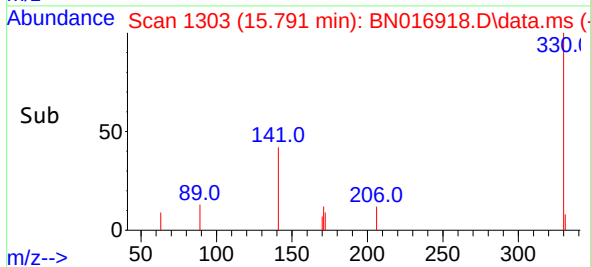
Tgt Ion:164 Resp: 55052
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.0
160 44.5 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48



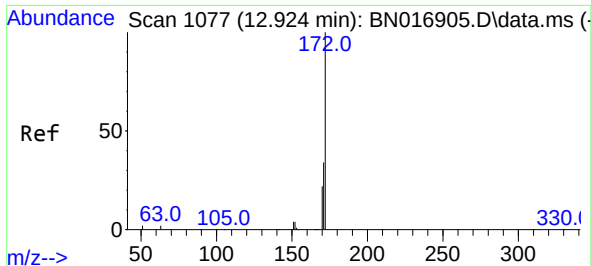
Tgt Ion:330 Resp: 10031
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 100.7 24.4 36.6#



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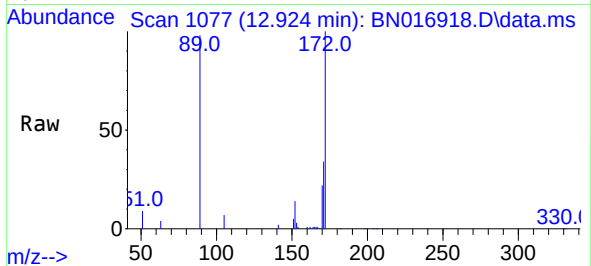
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#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

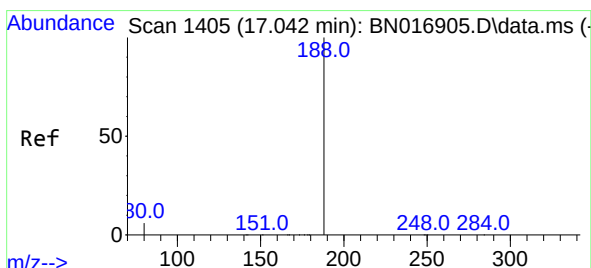
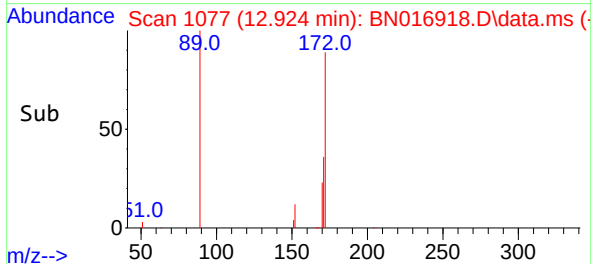
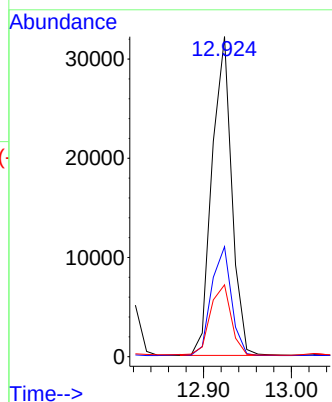
Instrument :
BNA_N
ClientSampleId :
SW-CB-32



Tgt Ion:172 Resp: 50177
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 22.4 18.1 27.1

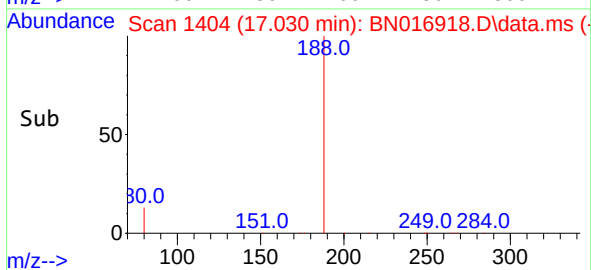
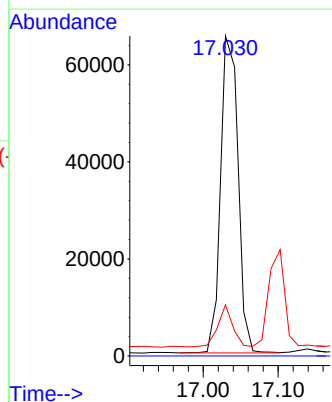
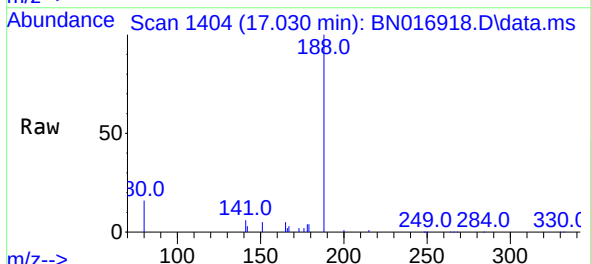
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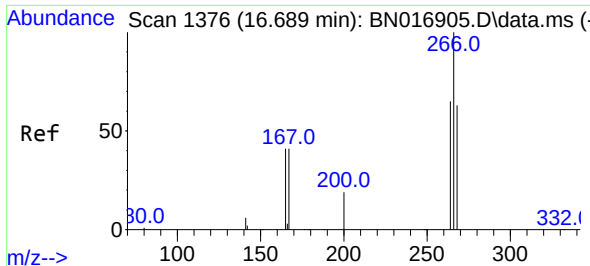
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#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

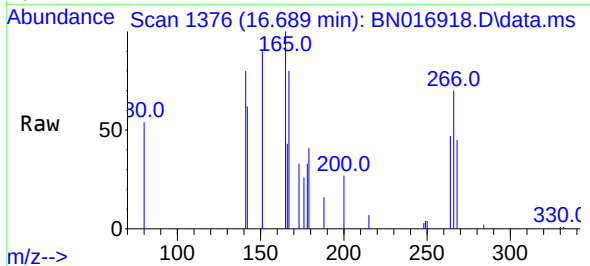
Tgt Ion:188 Resp: 105706
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.9 4.9 7.3#





#24
Pentachlorophenol
Concen: 0.32 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

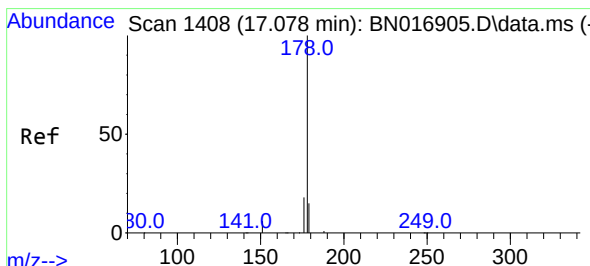
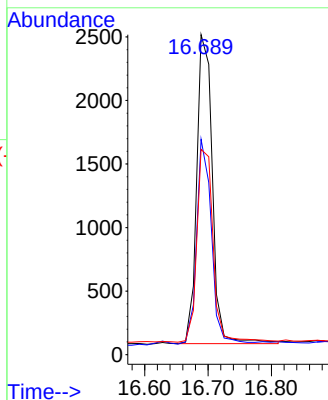
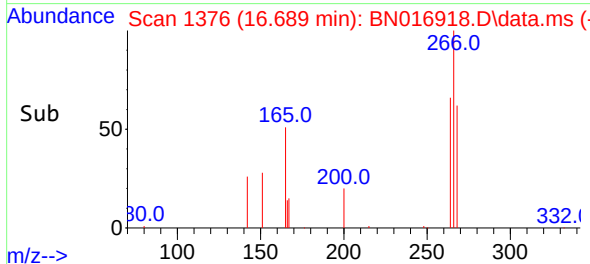
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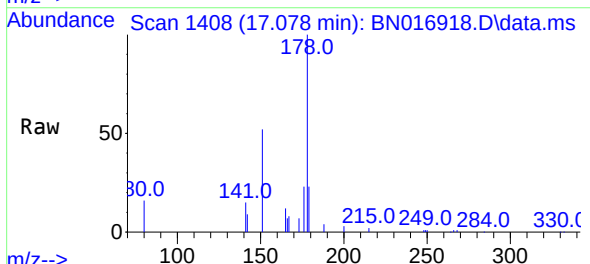
Tgt Ion:	266	Resp:	4168
Ion Ratio	Lower	Upper	
266	100		
264	62.5	50.5	75.7
268	63.9	51.2	76.8

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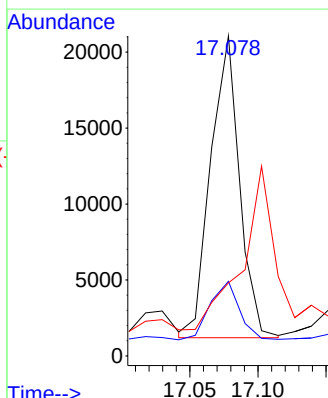
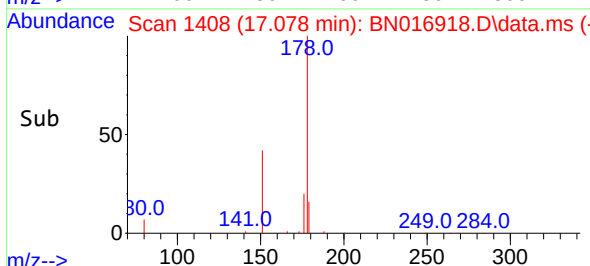
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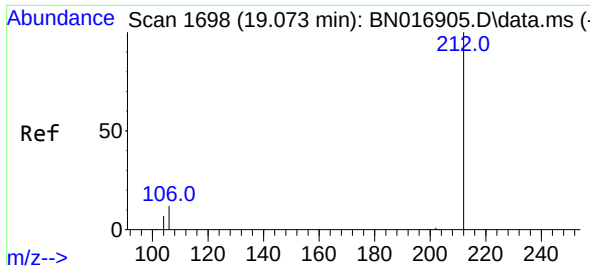


#25
Phenanthrene
Concen: 0.10 ng m
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

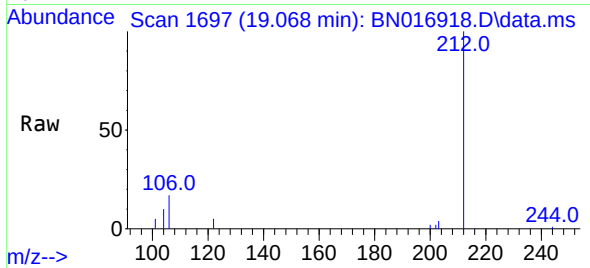


Tgt Ion:	178	Resp:	29188
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.0	22.4
179	0.0	12.3	18.5

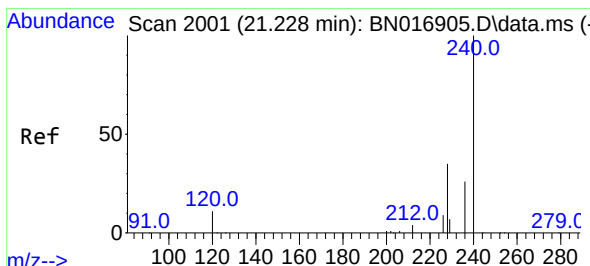
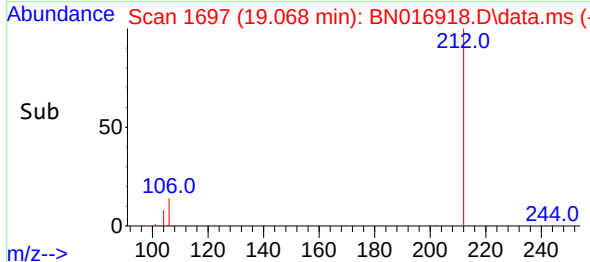
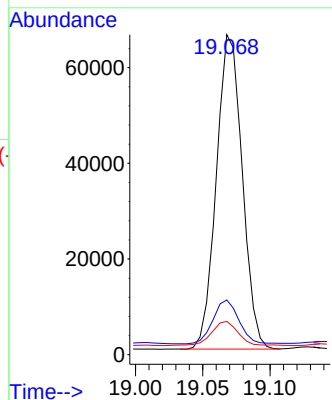




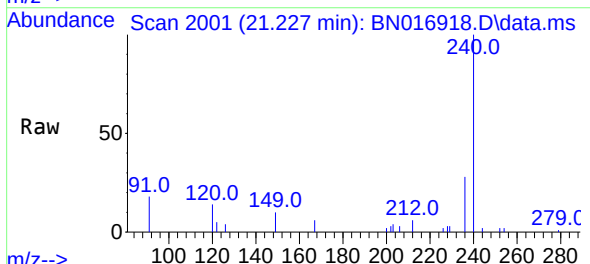
#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48



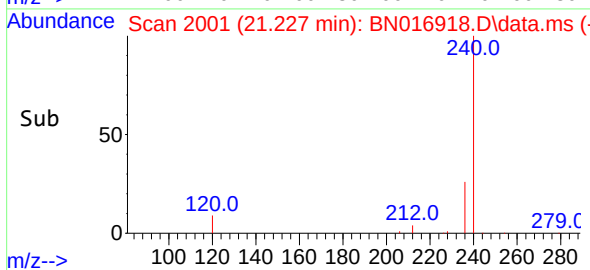
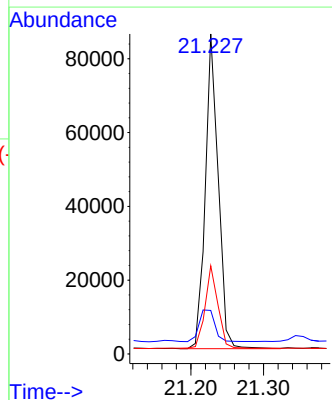
Tgt Ion:212 Resp: 87973
Ion Ratio Lower Upper
212 100
106 14.0 10.7 16.1
104 8.6 5.8 8.8



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48



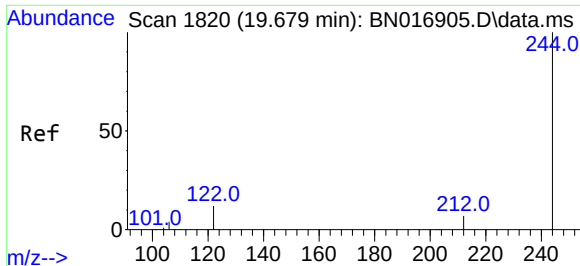
Tgt Ion:240 Resp: 105669
Ion Ratio Lower Upper
240 100
120 13.6 8.6 12.8#
236 27.5 21.0 31.4



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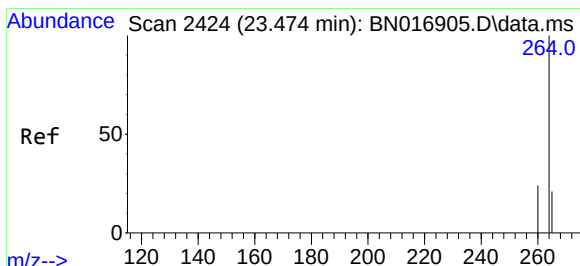
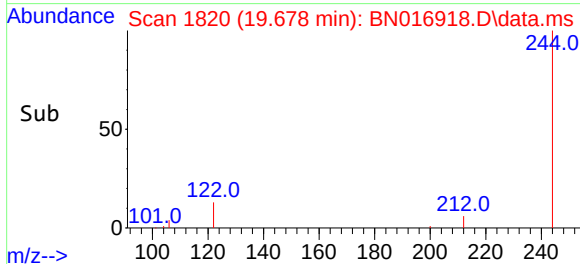
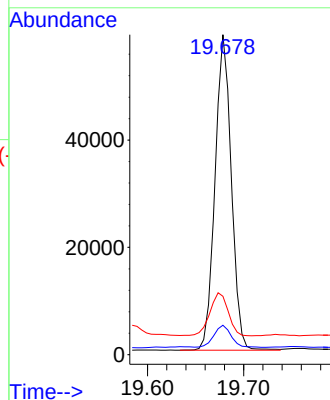
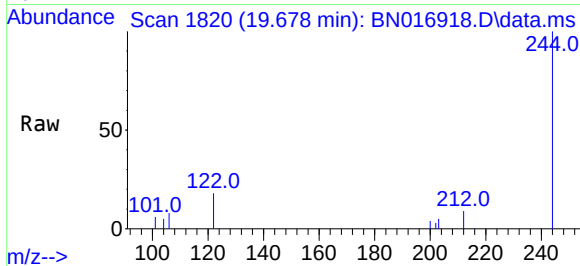
#31
Terphenyl-d14
Concen: 0.30 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion:244 Resp: 69143
Ion Ratio Lower Upper
244 100
212 9.2 5.7 8.5#
122 18.3 9.8 14.6#

Instrument :
BNA_N
ClientSampleId :
SW-CB-32

Manual Integrations
APPROVED

mohammad
10/14/2021 10:52:08 AM



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.474 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion:264 Resp: 114087
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.2
265 25.0 18.6 27.8

