

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050922\
 Data File : BN019716.D
 Acq On : 10 May 2022 00:26
 Operator : CG/JU
 Sample : N2731-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220505

Quant Time: May 10 01:52:20 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 10 01:35:26 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/10/2022
 Supervised By :Jagrut Upadhyay 05/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	4311	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12543	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	6831	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	15218	0.400	ng	0.00
29) Chrysene-d12	21.404	240	12114	0.400	ng	0.00
35) Perylene-d12	23.741	264	10140	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	1407	0.144	ng	0.00
5) Phenol-d6	7.024	99	933	0.076	ng	0.00
8) Nitrobenzene-d5	9.003	82	3168	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	12.234	152	7344	0.342	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	657	0.265	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	10375	0.337	ng	0.00
27) Fluoranthene-d10	19.248	212	18020	0.411	ng	0.00
31) Terphenyl-d14	19.847	244	12779	0.454	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.355	88	25981m	4.725	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.324	149	988	0.050	ng	# 97

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

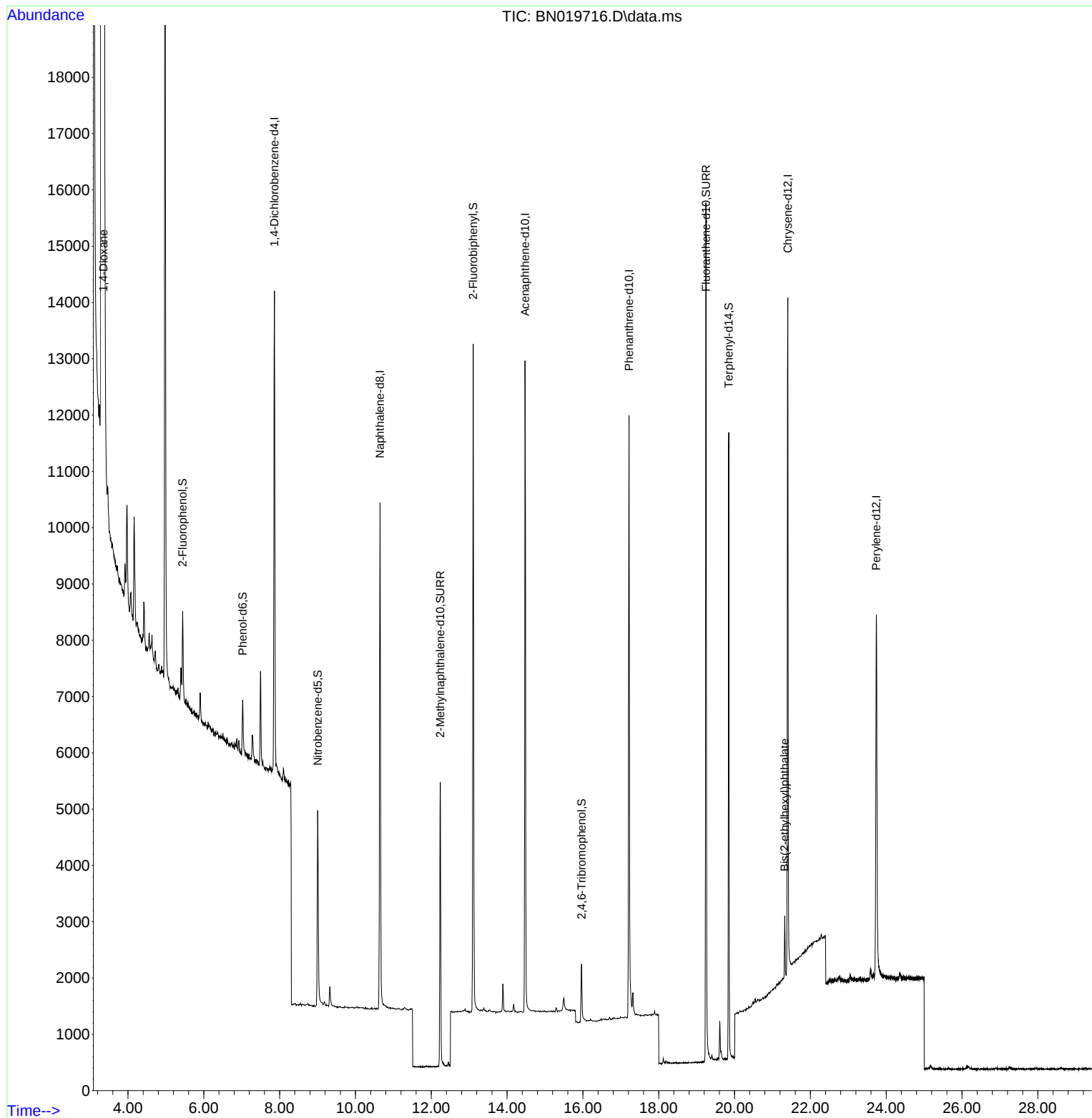
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050922\
Data File : BN019716.D
Acq On : 10 May 2022 00:26
Operator : CG/JU
Sample : N2731-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

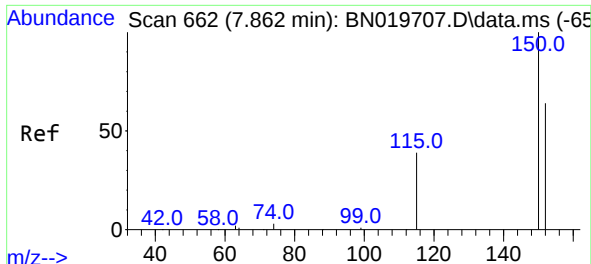
Instrument :
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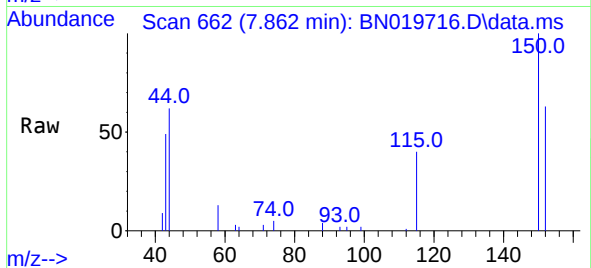
Reviewed By : Christian Giraldo 05/10/2022
Supervised By : Jagrut Upadhyay 05/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.862 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26

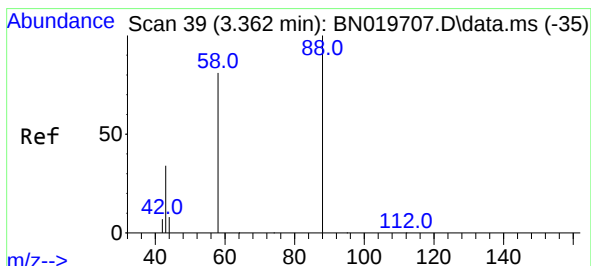
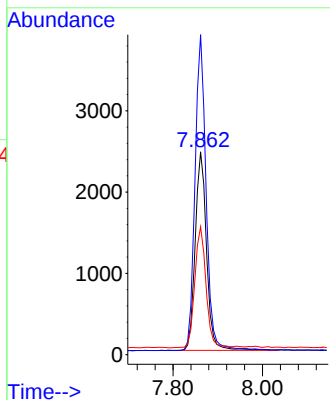
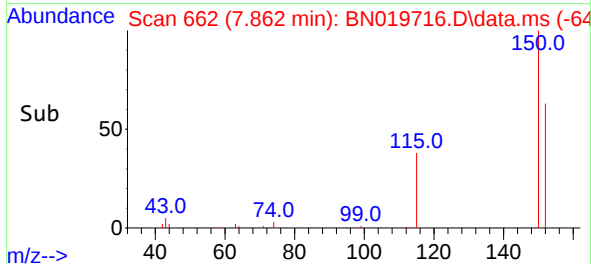
Instrument :
BNA_N
ClientSampleId :
SP-100-20220505



Tgt Ion: 152 Resp: 431
Ion Ratio Lower Upper
152 100
150 157.7 125.0 187.4
115 63.0 50.6 76.0

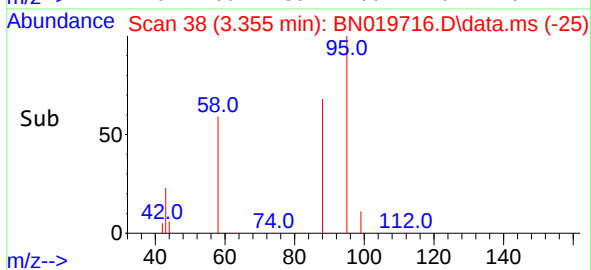
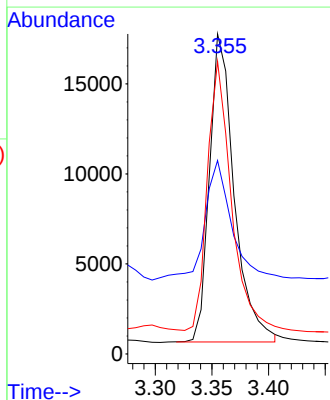
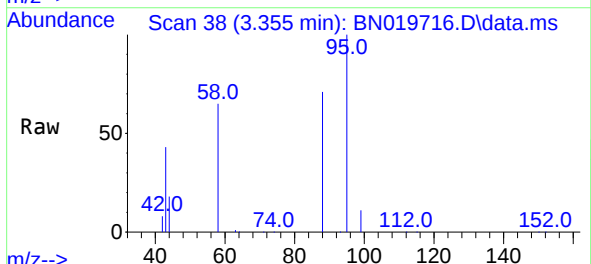
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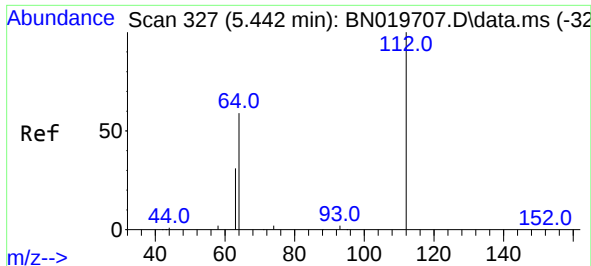
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#2
1,4-Dioxane
Concen: 4.725 ng m
RT: 3.355 min Scan# 38
Delta R.T. -0.007 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26

Tgt Ion: 88 Resp: 25981
Ion Ratio Lower Upper
88 100
43 41.9 29.0 43.6
58 83.6 73.1 109.7





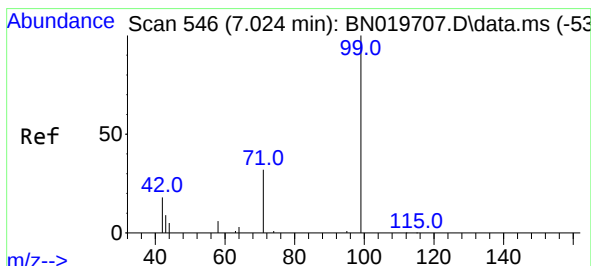
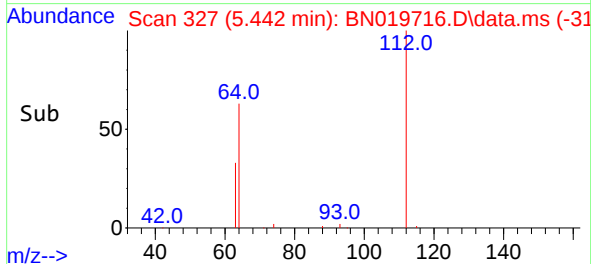
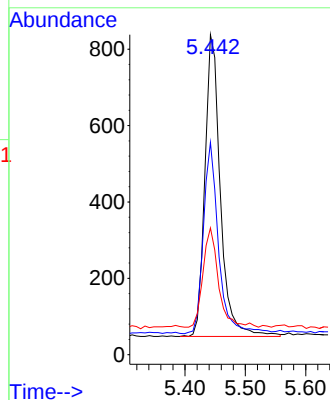
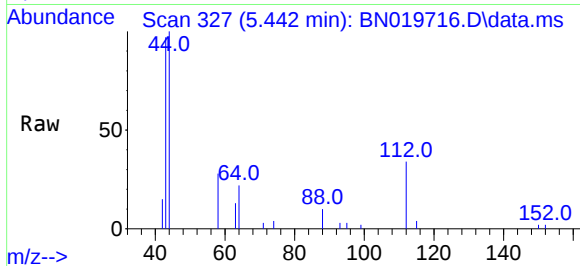
#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.442 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26

Instrument :
BNA_N
ClientSampleId :
SP-100-20220505

Tgt Ion:112 Resp: 140
Ion Ratio Lower Upper
112 100
64 62.3 49.1 73.7
63 32.8 26.4 39.6

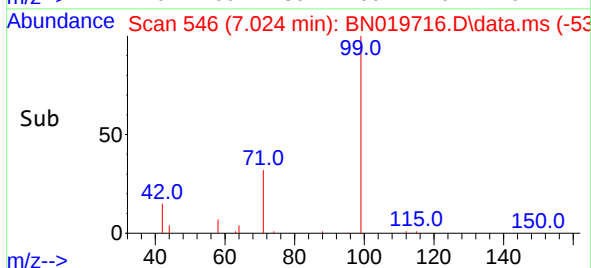
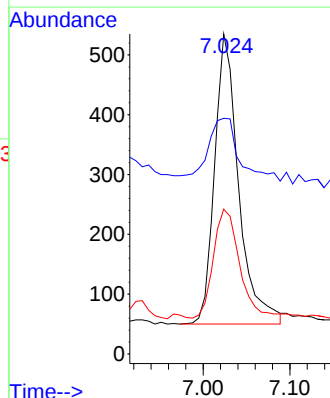
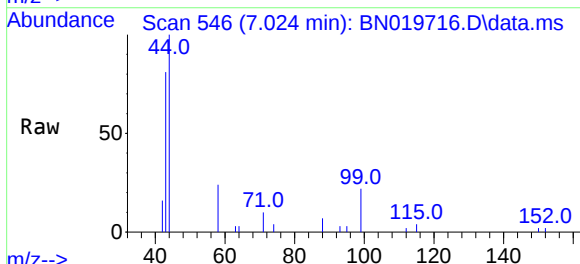
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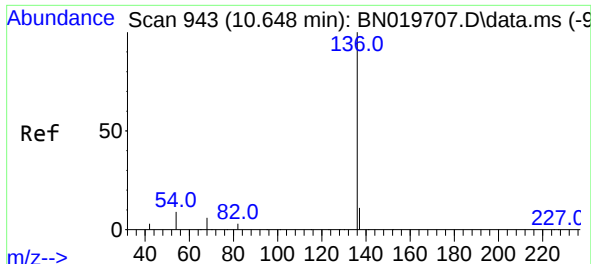
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#5
Phenol-d6
Concen: 0.076 ng
RT: 7.024 min Scan# 546
Delta R.T. -0.000 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26

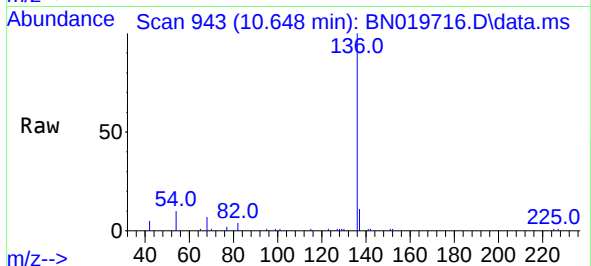
Tgt Ion: 99 Resp: 933
Ion Ratio Lower Upper
99 100
42 28.2 19.6 29.4
71 40.8 27.3 40.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26

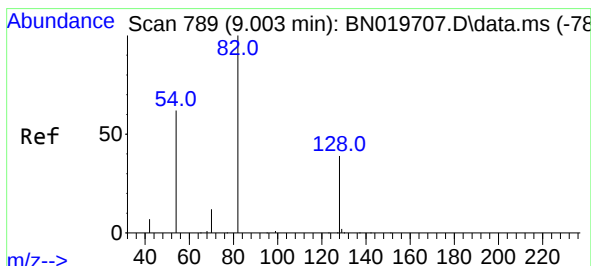
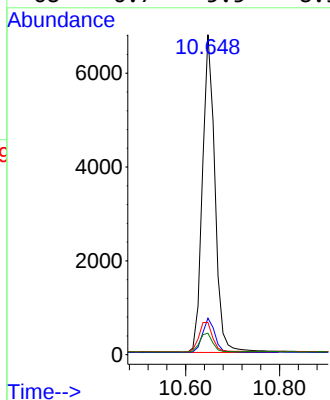
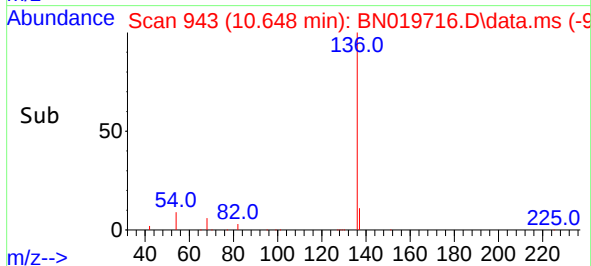
Instrument :
BNA_N
ClientSampleId :
SP-100-20220505



Tgt Ion:136	Resp:	1254
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.1 13.7
54	10.0	8.2 12.4
68	6.7	5.5 8.3

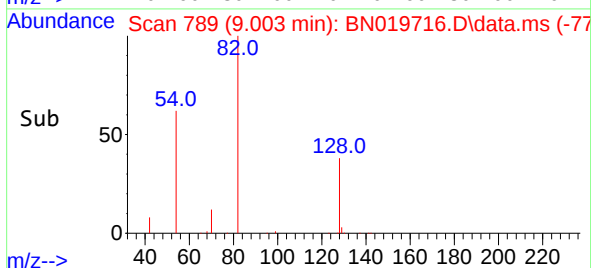
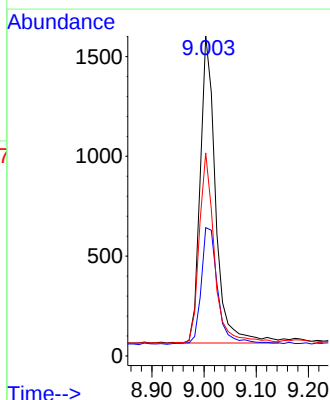
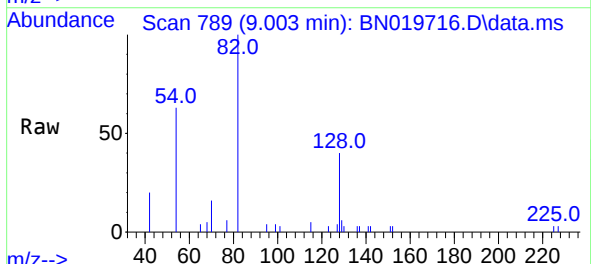
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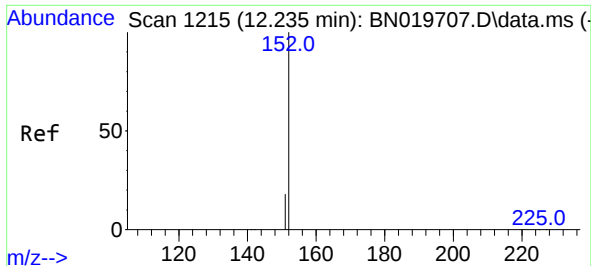
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26

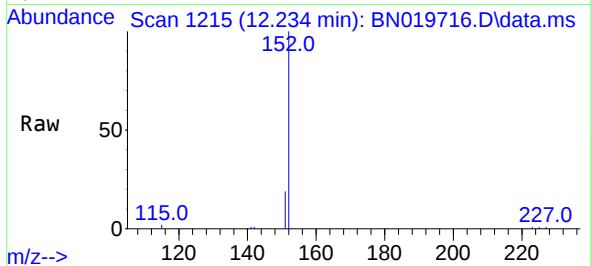
Tgt Ion: 82	Resp:	3168
Ion	Ratio	Lower Upper
82	100	
128	40.1	32.4 48.6
54	63.4	50.7 76.1





#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.234 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26

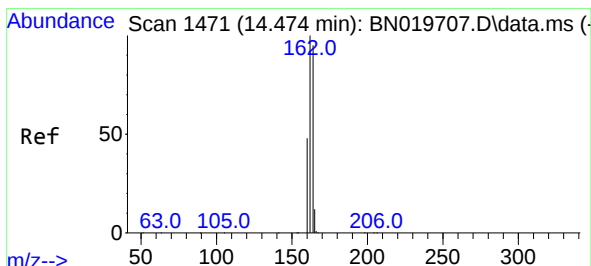
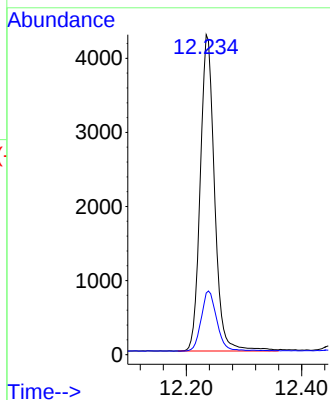
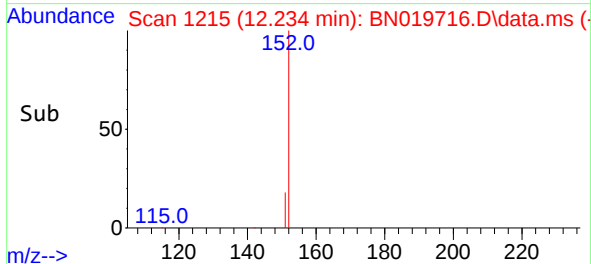
Instrument :
BNA_N
ClientSampleId :
SP-100-20220505



Tgt Ion:152 Resp: 7344
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6

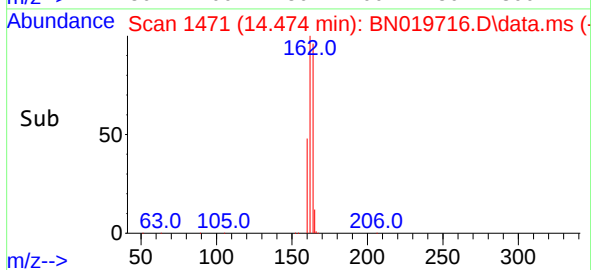
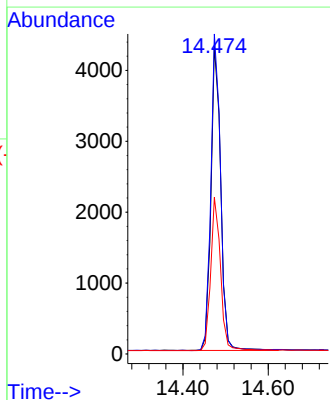
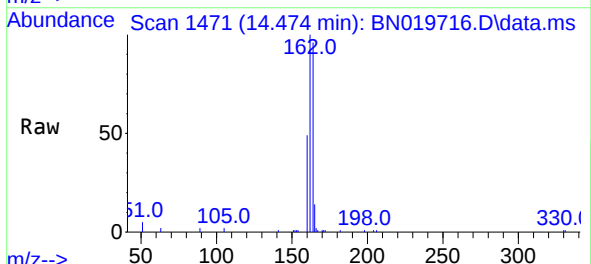
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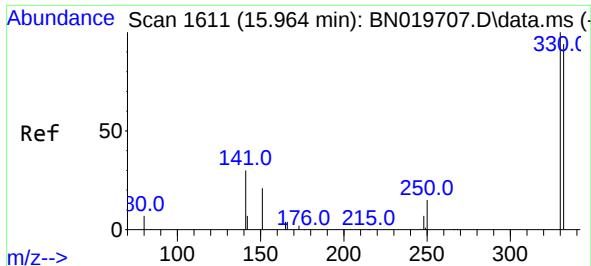
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26

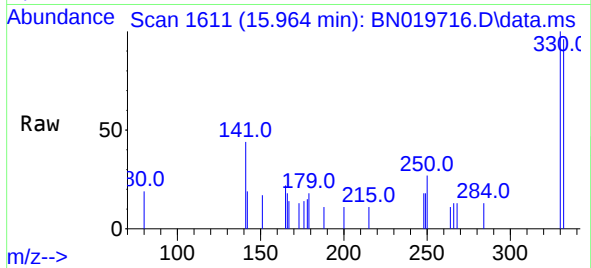
Tgt Ion:164 Resp: 6831
Ion Ratio Lower Upper
164 100
162 104.0 84.0 126.0
160 50.9 41.1 61.7





#14
2,4,6-Tribromophenol
Concen: 0.265 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26

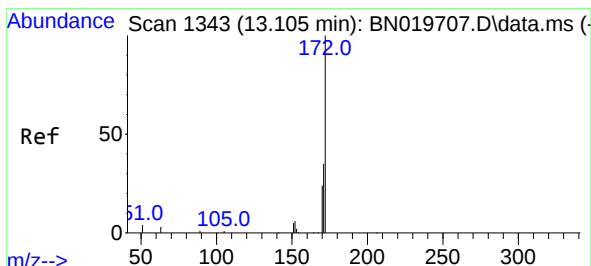
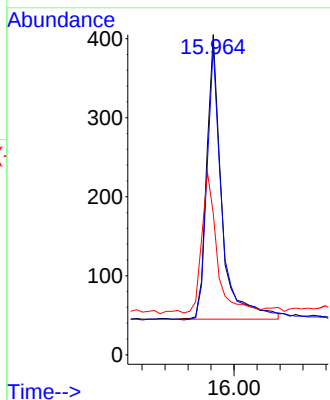
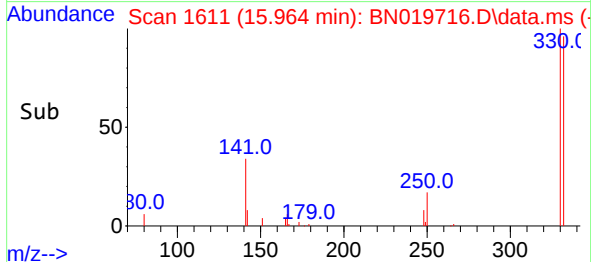
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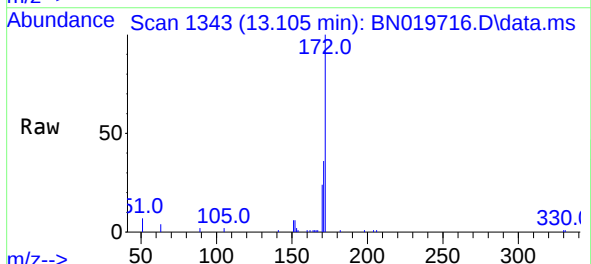
Tgt Ion:330 Resp: 65
Ion Ratio Lower Upper
330 100
332 96.2 75.7 113.5
141 49.8 40.2 60.2

Manual Integrations
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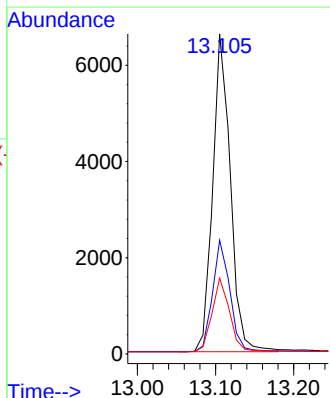
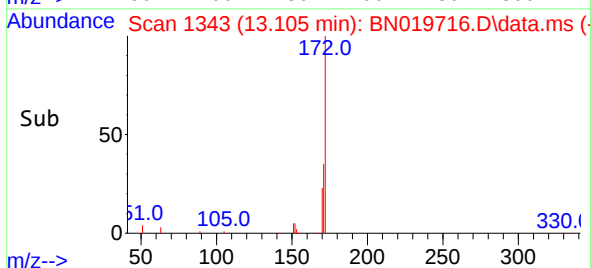
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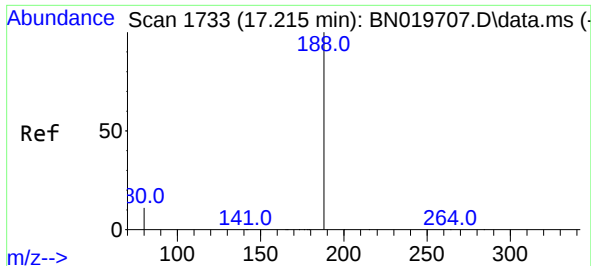


#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26



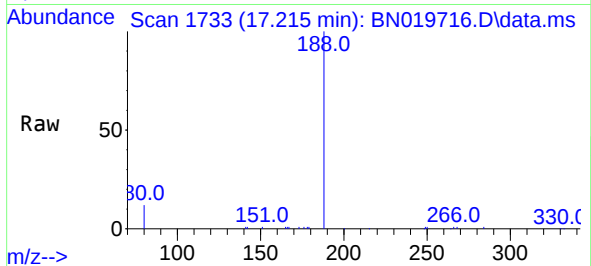
Tgt Ion:172 Resp: 10375
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.7 19.4 29.2





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26

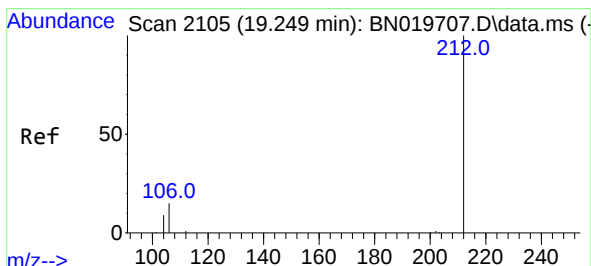
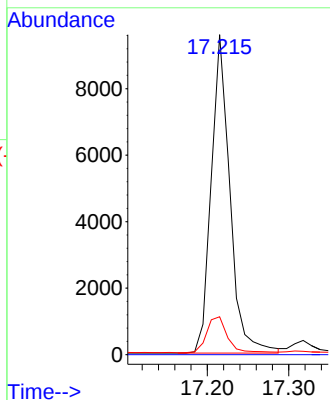
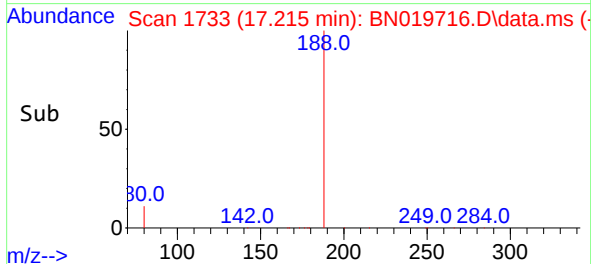
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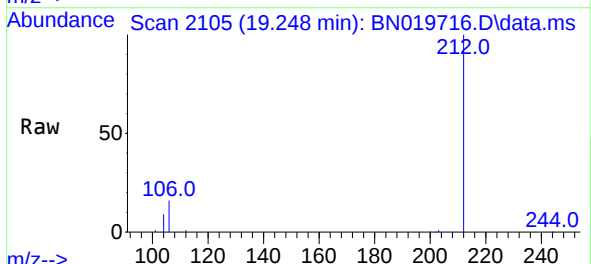
Tgt Ion:188 Resp: 15218
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 9.6 14.4

Manual Integrations
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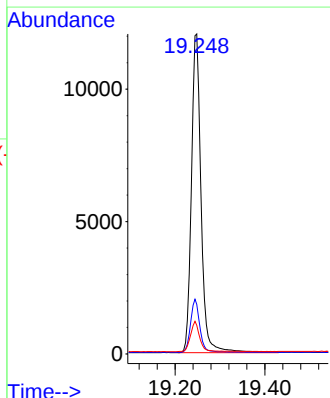
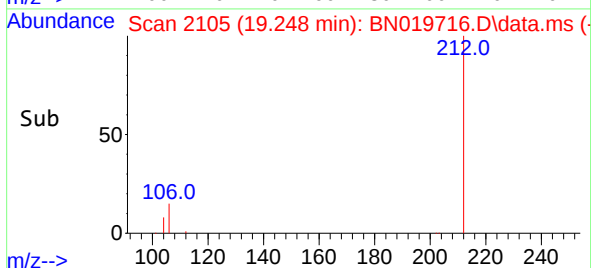
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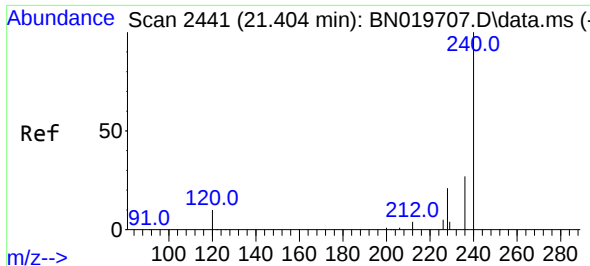


#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.248 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26



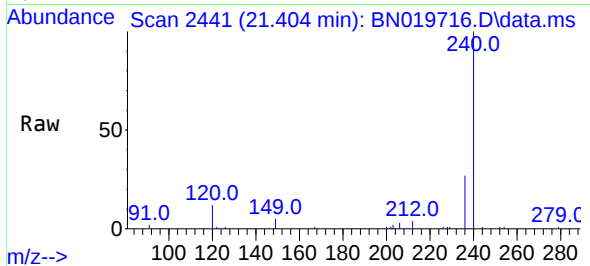
Tgt Ion:212 Resp: 18020
Ion Ratio Lower Upper
212 100
106 15.9 13.0 19.4
104 8.9 7.3 10.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26

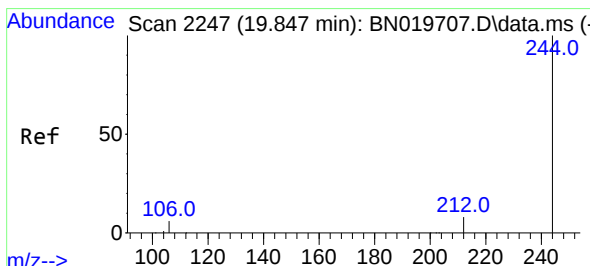
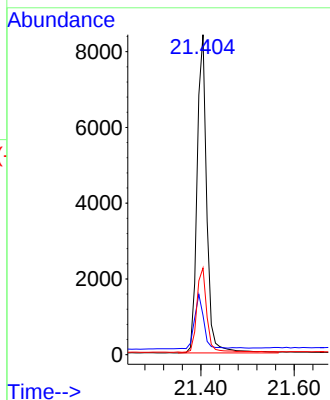
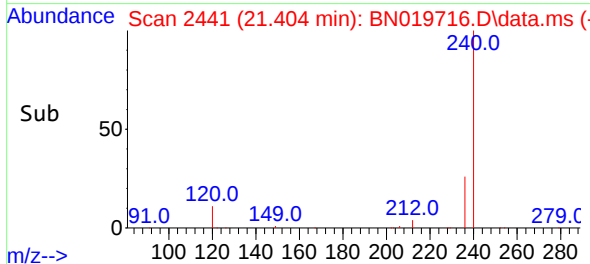
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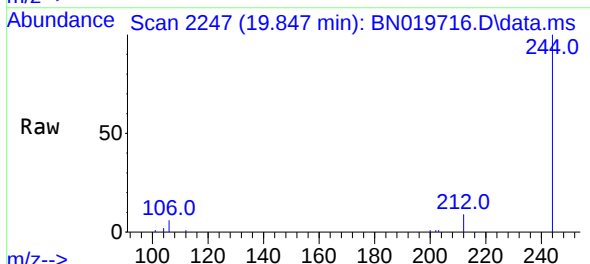
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Ion Ratio Lower Upper
240 100
120 12.3 9.0 13.6
236 27.1 22.0 33.0

Manual Integrations
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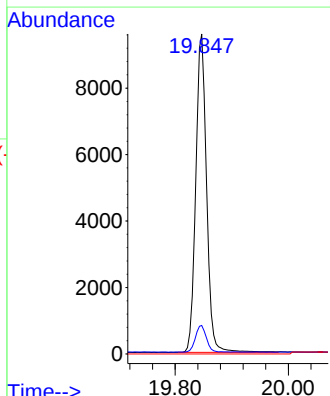
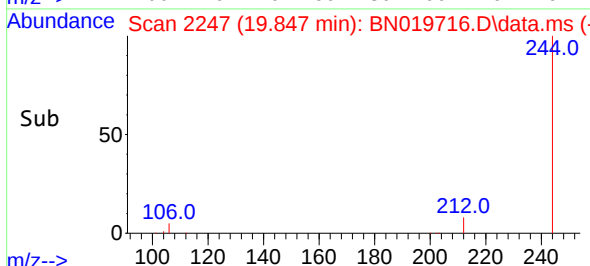
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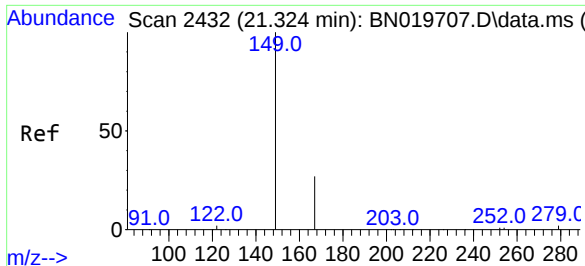


#31
Terphenyl-d14
Concen: 0.454 ng
RT: 19.847 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26



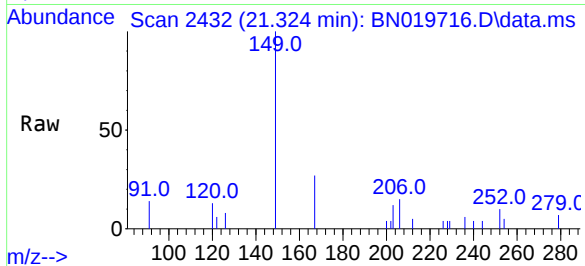
Tgt Ion:244 Resp: 12779
Ion Ratio Lower Upper
244 100
212 8.9 7.0 10.6
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.050 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26

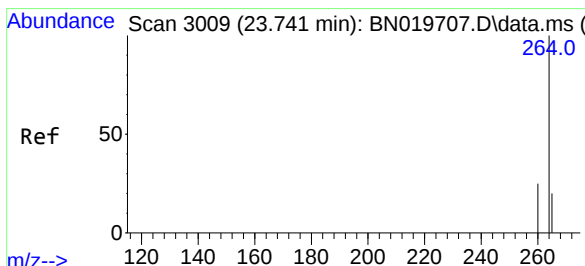
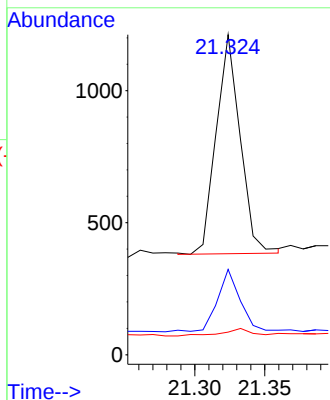
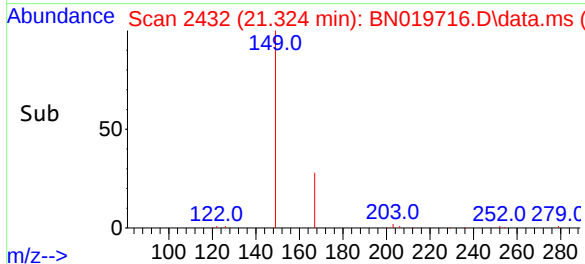
Instrument :
BNA_N
ClientSampleId :
SP-100-20220505



Tgt Ion:149 Resp: 988
Ion Ratio Lower Upper
149 100
167 27.7 21.0 31.6
279 4.1 2.2 3.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 3009
Delta R.T. -0.000 min
Lab File: BN019716.D
Acq: 10 May 2022 00:26

Tgt Ion:264 Resp: 10140
Ion Ratio Lower Upper
264 100
260 26.7 20.8 31.2
265 46.6 35.6 53.4

