

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
 Data File : BN017680.D
 Acq On : 02 Dec 2021 10:39
 Operator : CG/JU
 Sample : M4895-11DL 50X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLAB-11DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2021
 Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 02 11:08:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 02 01:51:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	17944	0.40	ng	0.00
7) Naphthalene-d8	10.522	136	77130	0.40	ng	# 0.01
13) Acenaphthene-d10	14.359	164	53925	0.40	ng	0.00
19) Phenanthrene-d10	17.104	188	121499	0.40	ng	0.00
29) Chrysene-d12	21.292	240	128835	0.40	ng	# 0.01
35) Perylene-d12	23.592	264	122541	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	187	0.00	ng	0.00
5) Phenol-d6	6.915	99	194	0.00	ng	0.00
8) Nitrobenzene-d5	8.887	82	242	0.01	ng	0.01
11) 2-Methylnaphthalene-d10	12.115	152	470	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	113	0.13	ng	0.01
15) 2-Fluorobiphenyl	12.988	172	837	0.00	ng	0.00
27) Fluoranthene-d10	19.138	212	1492	0.00	ng	0.00
31) Terphenyl-d14	19.739	244	1696	0.01	ng	0.00
Target Compounds						
						Qvalue
16) Acenaphthylene	14.079	152	15414	0.07	ng	98
25) Phenanthrene	17.140	178	219931	0.66	ng	100
26) Anthracene	17.238	178	52746	0.18	ng	96
28) Fluoranthene	19.168	202	418613	1.11	ng	# 97
30) Pyrene	19.526	202	328391	0.79	ng	97
32) Benzo(a)anthracene	21.271	228	178660	0.46	ng	96
33) Chrysene	21.324	228	149566	0.35	ng	95
34) Bis(2-ethylhexyl)phtha...	21.218	149	127019	1.37	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.947	276	62175	0.16	ng	# 89
37) Benzo(b)fluoranthene	22.900	252	202782	0.50	ng	# 90
38) Benzo(k)fluoranthene	22.941	252	67609m	0.16	ng	
39) Benzo(a)pyrene	23.489	252	119281	0.33	ng	# 89
41) Benzo(g,h,i)perylene	26.669	276	54690	0.16	ng	93

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

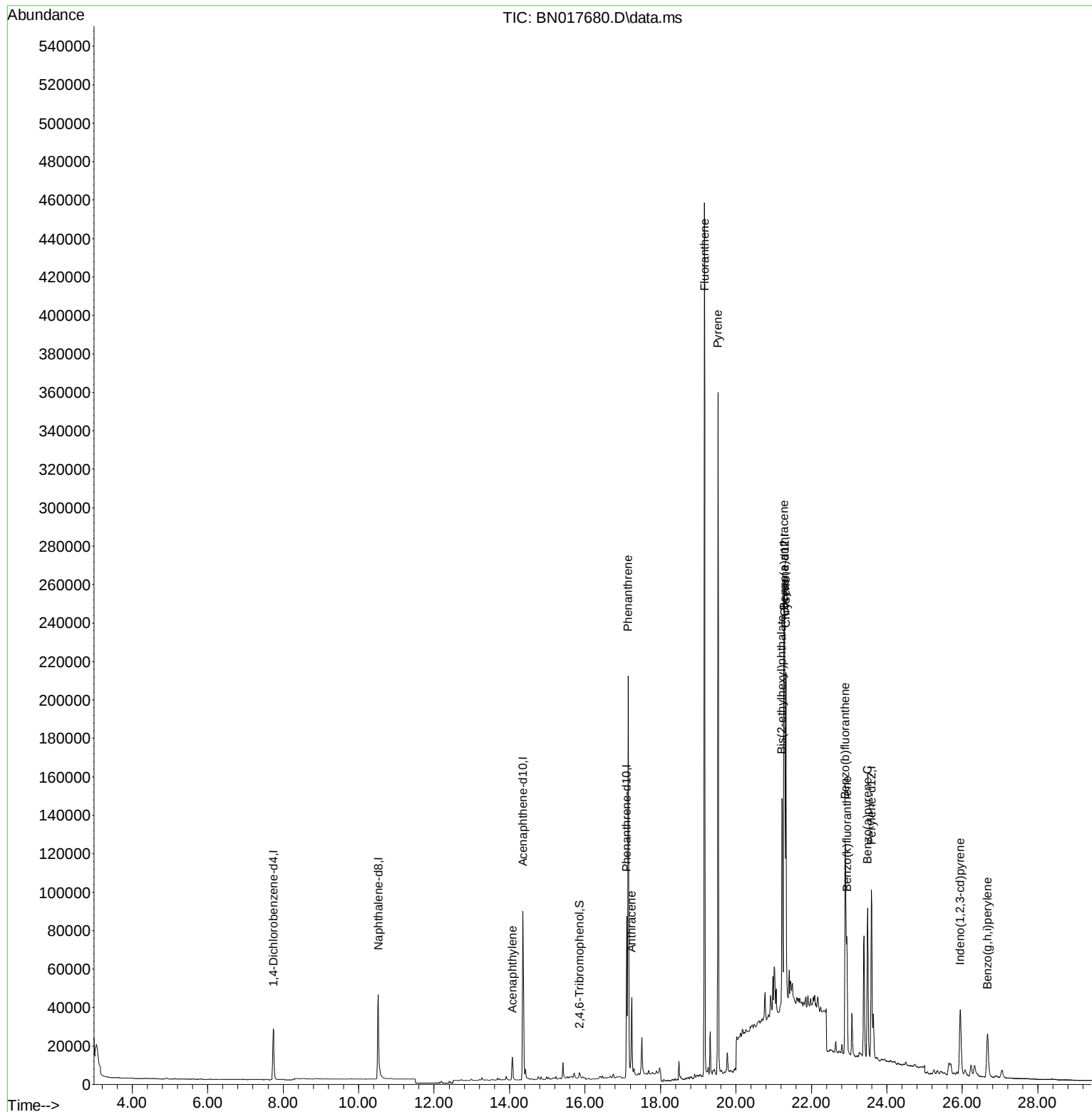
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
Data File : BN017680.D
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ALS Vial : 31 Sample Multiplier: 1

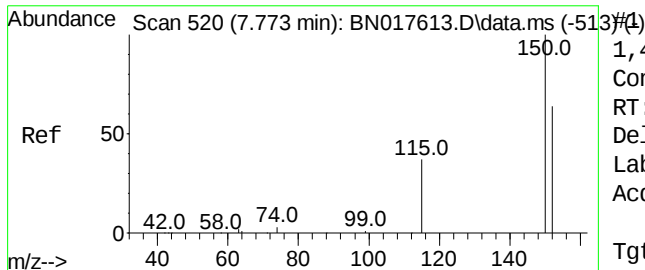
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 02 01:51:49 2021
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.745 min Scan# 520

Delta R.T. 0.009 min

Lab File: BN017680.D

Acq: 02 Dec 2021 10:39

Instrument :

BNA_N

ClientSampleId :

SLAB-11DL

Tgt Ion:152 Resp: 1794

Ion Ratio Lower Upper

152 100

150 150.9 123.0 184.4

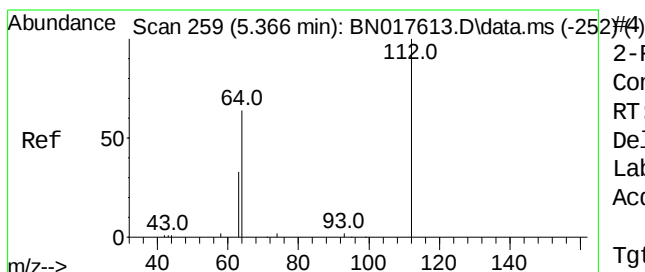
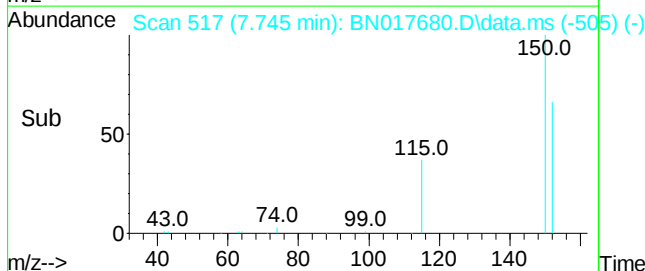
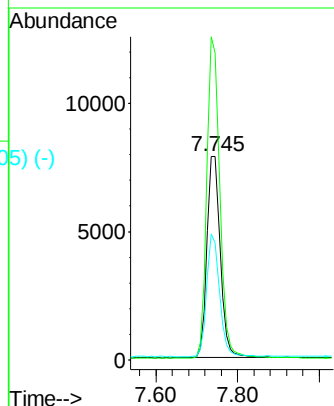
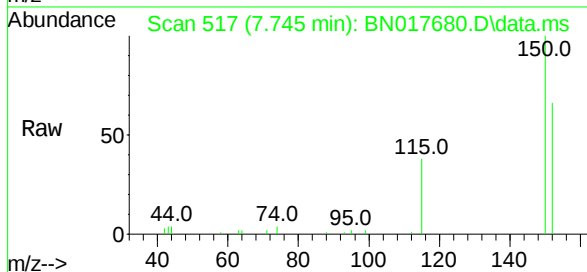
115 57.7 45.6 68.4

Manual Integrations

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2-Fluorophenol

Concen: 0.00 ng

RT: 5.348 min Scan# 257

Delta R.T. -0.000 min

Lab File: BN017680.D

Acq: 02 Dec 2021 10:39

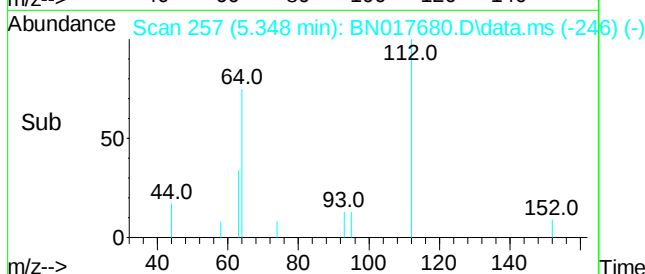
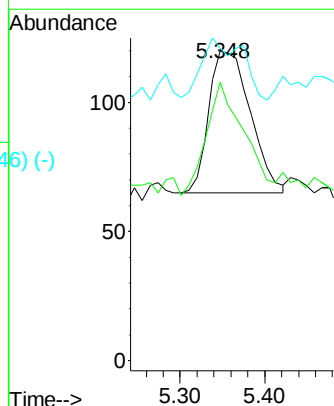
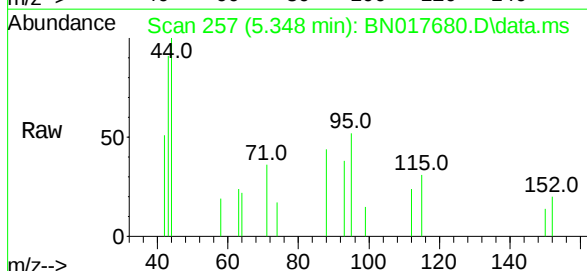
Tgt Ion:112 Resp: 187

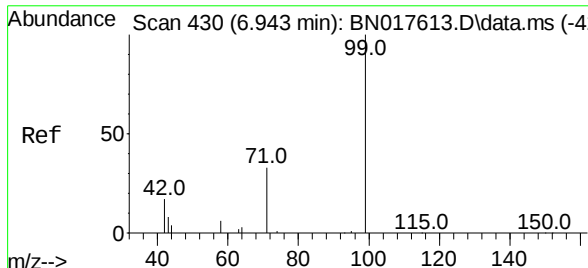
Ion Ratio Lower Upper

112 100

64 73.3 47.6 71.4#

63 42.2 24.6 37.0#





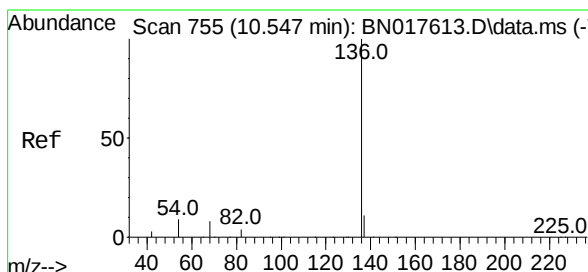
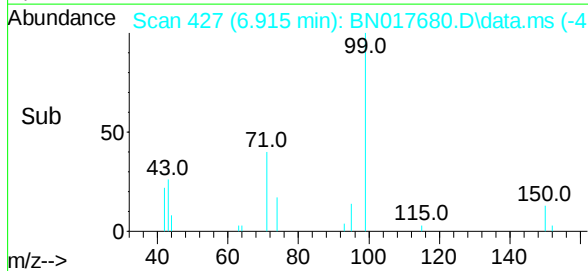
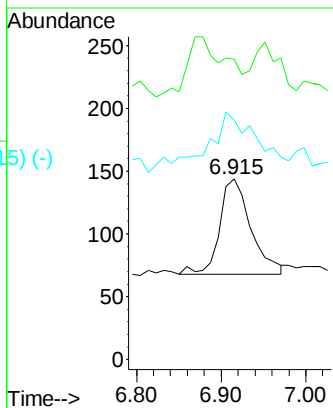
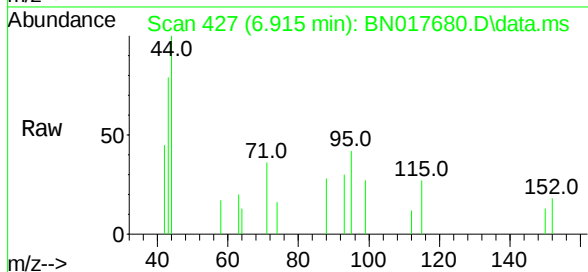
Phenol-d6
 Concen: 0.00 ng
 RT: 6.915 min Scan# 415
 Delta R.T. 0.009 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

Instrument :
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 SLAB-11DL

Tgt Ion: 99 Resp: 19
 Ion Ratio Lower Upper
 99 100
 42 0.0 17.0 25.6
 71 68.0 24.8 37.2

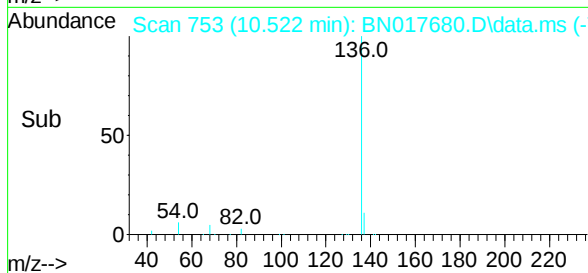
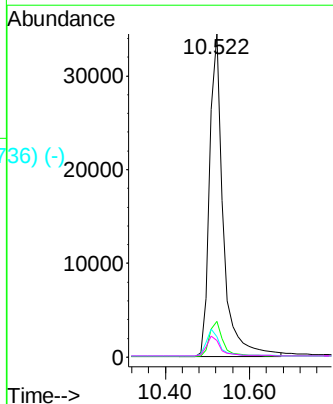
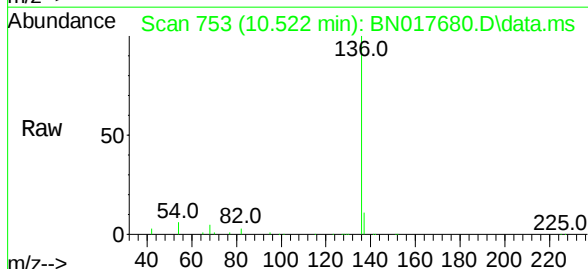
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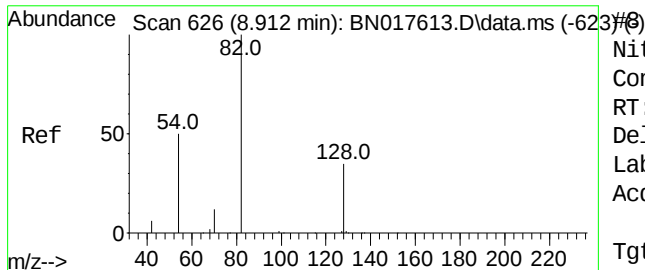
Reviewed By :Jagrut Upadhyay 12/02/2021
 Supervised By :mohammad ahmed 12/05/2021



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.522 min Scan# 753
 Delta R.T. 0.012 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

Tgt Ion:136 Resp: 77130
 Ion Ratio Lower Upper
 136 100
 137 11.1 8.8 13.2
 54 6.3 4.0 6.0#
 68 5.1 3.0 4.6#





Nitrobenzene-d5

Concen: 0.01 ng

RT: 8.887 min Scan# 626

Delta R.T. 0.012 min

Lab File: BN017680.D

Acq: 02 Dec 2021 10:39

Instrument :

BNA_N

ClientSampleId :

SLAB-11DL

Tgt Ion: 82 Resp: 24

Ion Ratio Lower Upper

82 100

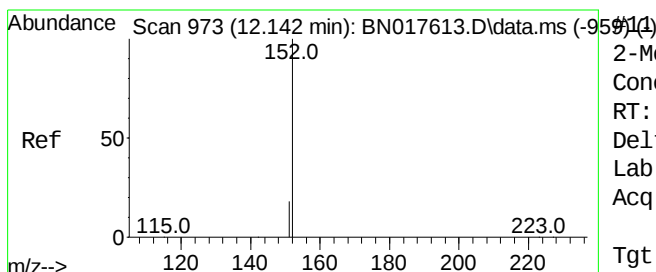
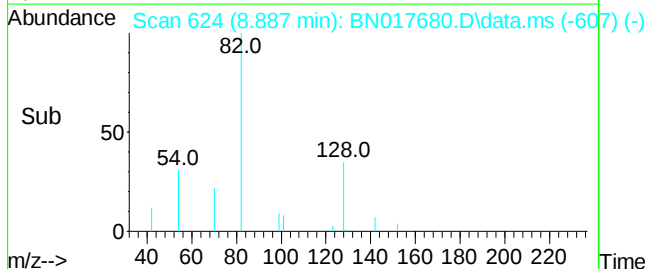
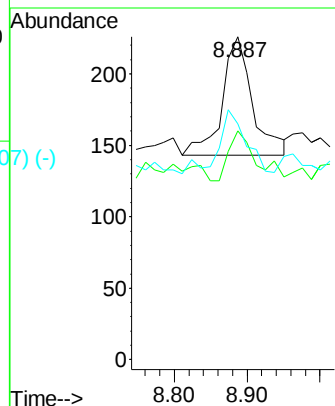
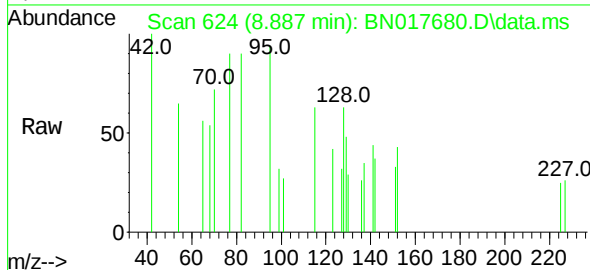
128 70.8 27.7 41.5

54 73.0 49.2 73.8

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2-Methylnaphthalene-d10

Concen: 0.00 ng

RT: 12.115 min Scan# 967

Delta R.T. 0.009 min

Lab File: BN017680.D

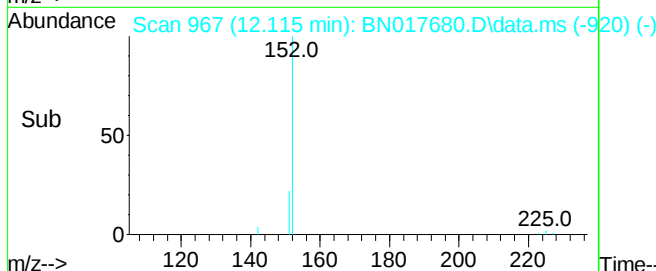
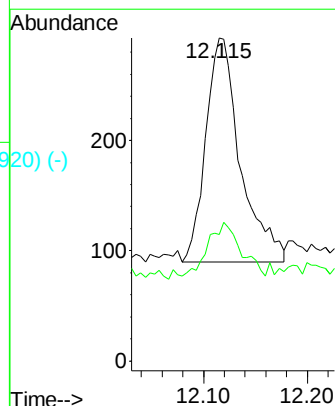
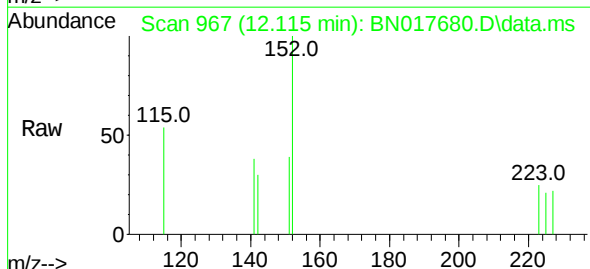
Acq: 02 Dec 2021 10:39

Tgt Ion:152 Resp: 470

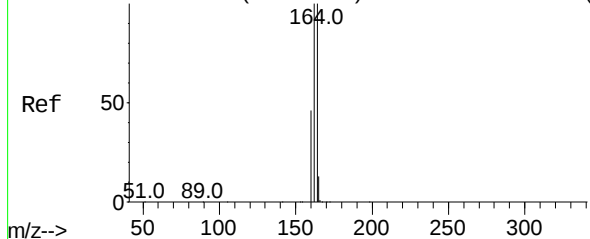
Ion Ratio Lower Upper

152 100

151 23.8 16.2 24.4



Abundance Scan 1203 (14.384 min): BN017613.D\data.ms (-1198) (-)



Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Instrument :

BNA_N

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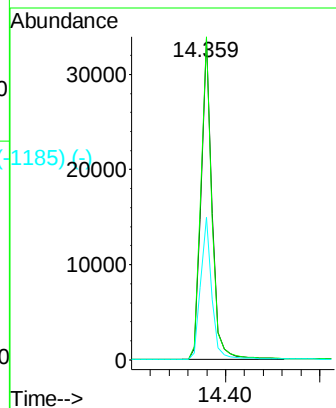
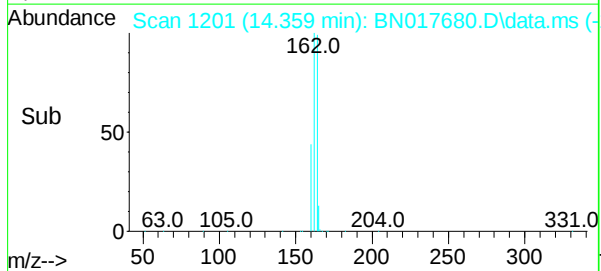
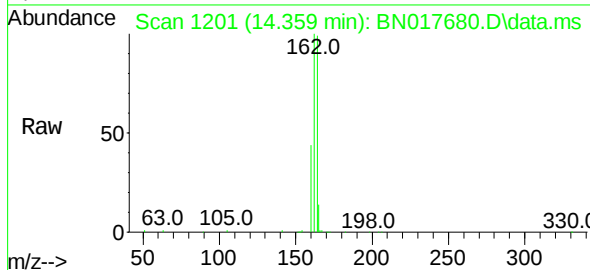
SLAB-11DL

Tgt Ion:164 Resp: 5392
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.2
160 44.5 36.8 55.2

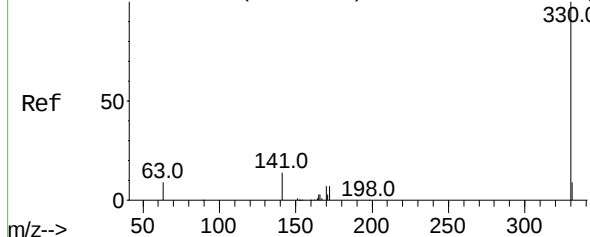
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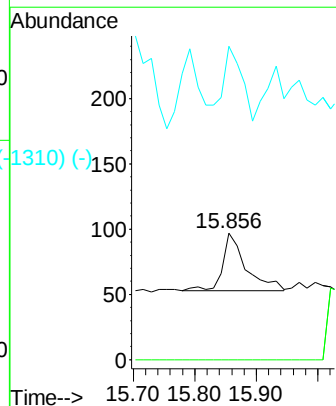
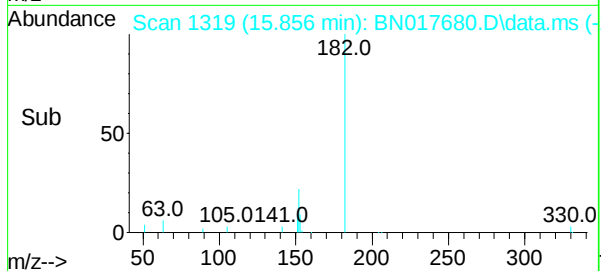
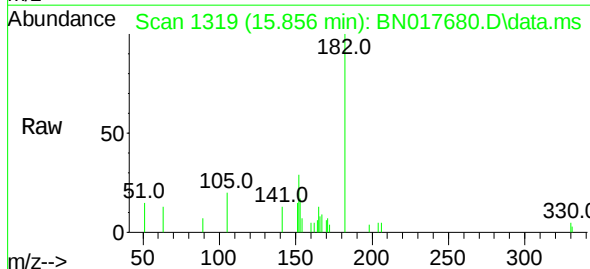


Abundance Scan 1321 (15.881 min): BN017613.D\data.ms (-1314) (-)

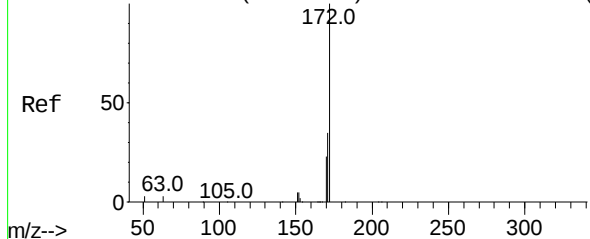


2,4,6-Tribromophenol
Concen: 0.13 ng
RT: 15.856 min Scan# 1319
Delta R.T. 0.012 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Tgt Ion:330 Resp: 113
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 99.1 28.9 43.3#



Abundance Scan 1095 (13.014 min): BN017613.D\data.ms (-1085) (-)



2-Fluorobiphenyl
Concen: 0.00 ng
RT: 12.988 min Scan# 1095
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Instrument :

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ClientSampleId :

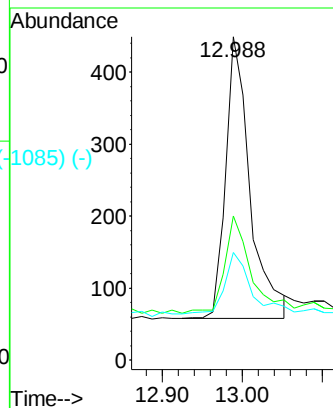
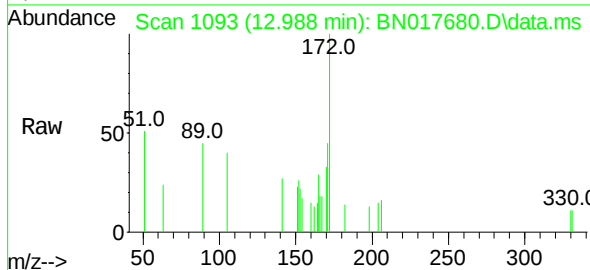
SLAB-11DL

Tgt Ion:172 Resp: 80
Ion Ratio Lower Upper
172 100
171 44.5 28.7 43.3
170 33.4 19.4 29.2

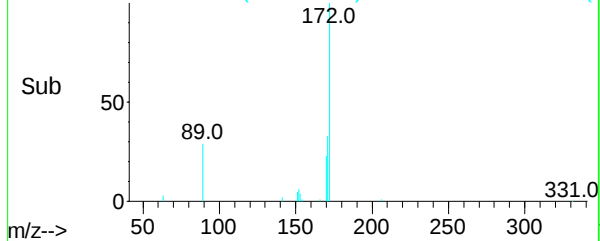
Manual Integrations

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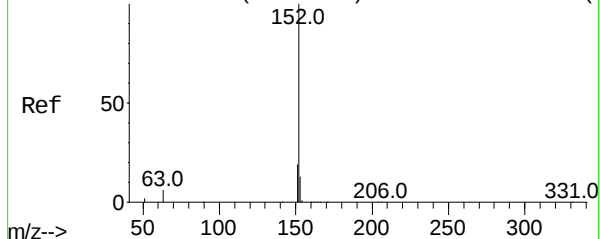
Reviewed By :Jagrut Upadhyay 12/02/2021
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Abundance Scan 1093 (12.988 min): BN017680.D\data.ms (-1085) (-)

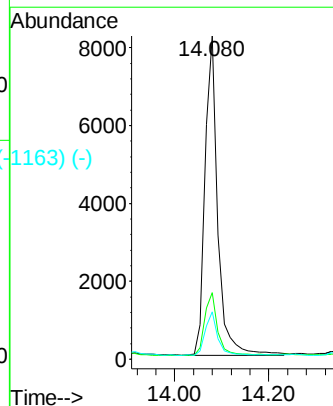
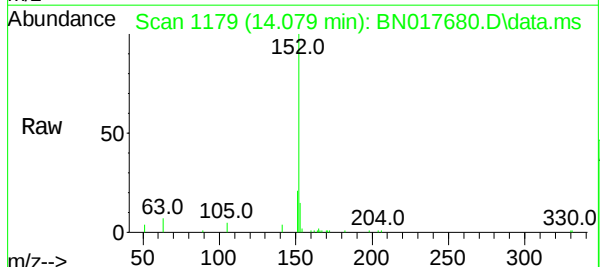


Abundance Scan 1181 (14.105 min): BN017613.D\data.ms (-1113) (-)

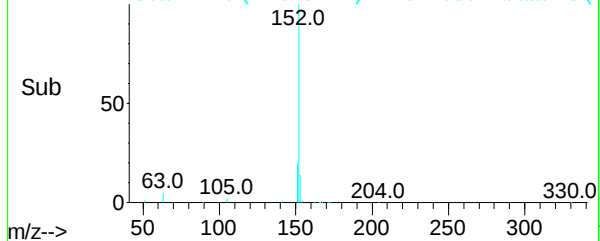


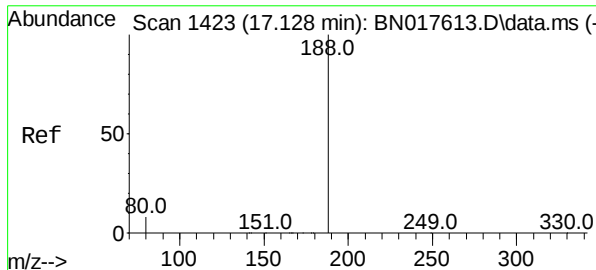
Acenaphthylene
Concen: 0.07 ng
RT: 14.079 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Tgt Ion:152 Resp: 15414
Ion Ratio Lower Upper
152 100
151 20.5 15.5 23.3
153 13.8 10.4 15.6



Abundance Scan 1179 (14.079 min): BN017680.D\data.ms (-1163) (-)





Phenanthrene-d10
Concen: 0.40 ng
RT: 17.104 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Instrument :

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ClientSampleId :

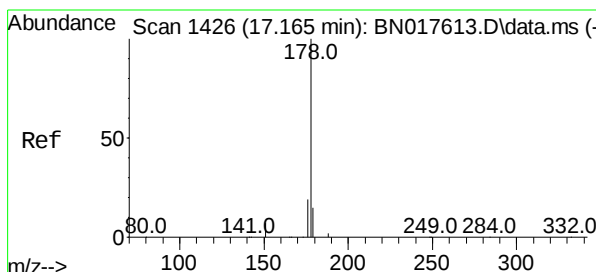
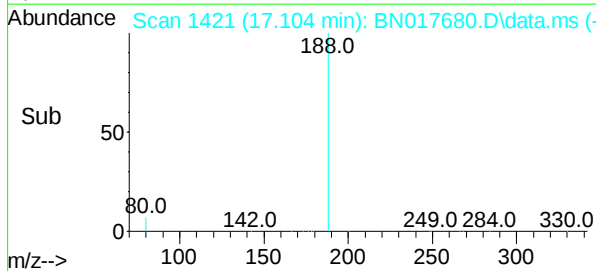
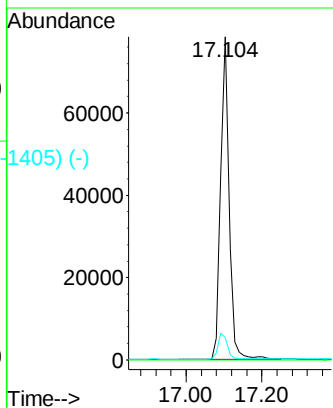
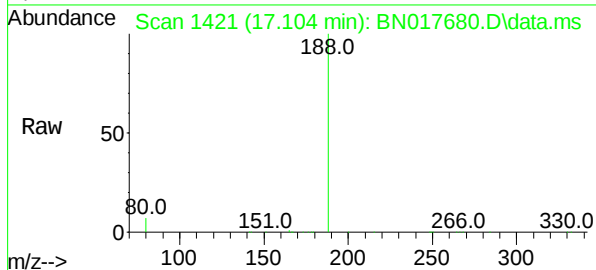
SLAB-11DL

Tgt Ion:	188	Resp:	12149
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.9	6.1	9.1

Manual Integrations

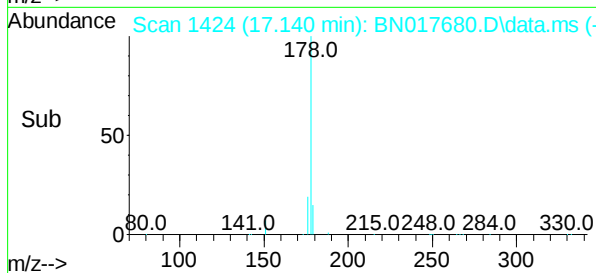
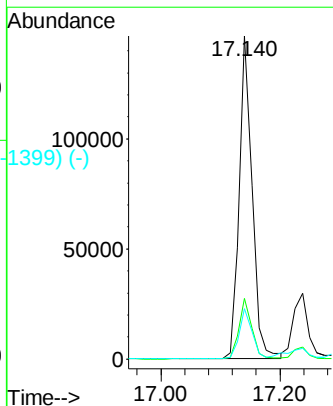
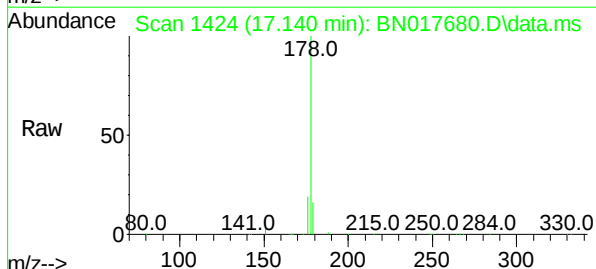
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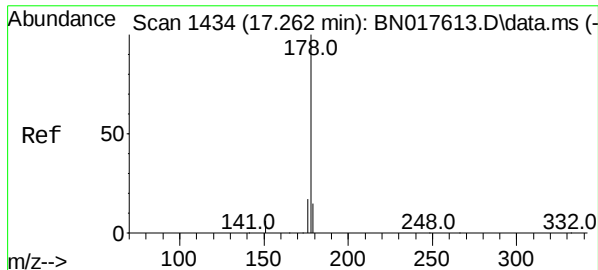
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



Phenanthrene
Concen: 0.66 ng
RT: 17.140 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Tgt Ion:	178	Resp:	219931
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.0	22.6
179	15.3	12.3	18.5





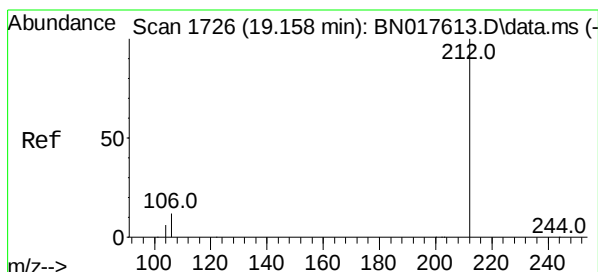
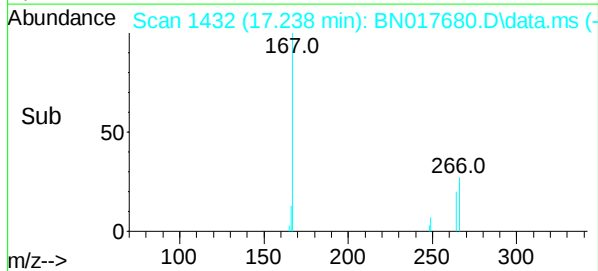
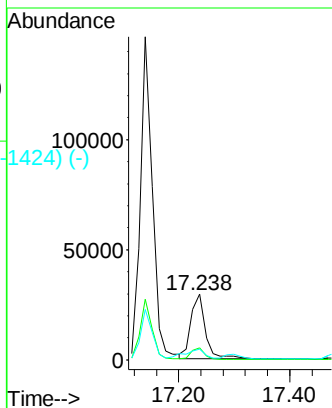
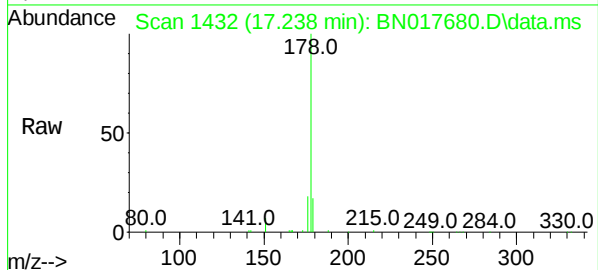
Scan 1434 (17.262 min): BN017613.D\data.ms (-1426) (-)
 Anthracene
 Concen: 0.18 ng
 RT: 17.238 min Scan# 1426
 Delta R.T. -0.000 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

Instrument :
 BNA_N
 ClientSampleId :
 SLAB-11DL

Tgt Ion:	178	Resp:	5274
Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	22.0
179	18.0	12.2	18.4

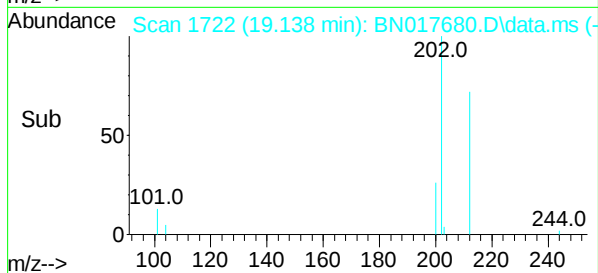
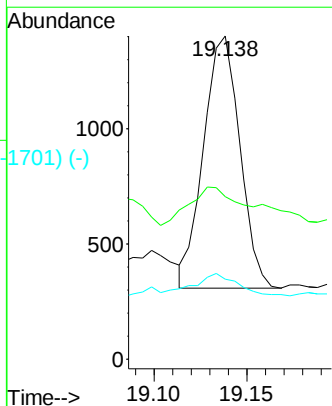
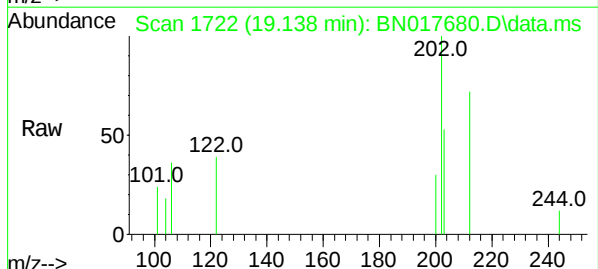
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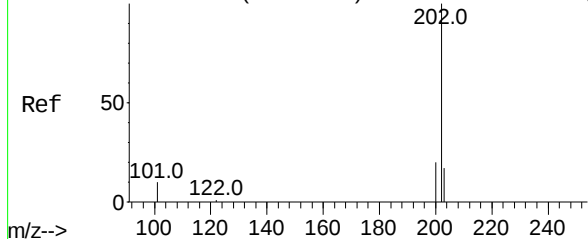


Scan 1726 (19.158 min): BN017613.D\data.ms (-1725) (-)
 Fluoranthene-d10
 Concen: 0.00 ng
 RT: 19.138 min Scan# 1722
 Delta R.T. 0.005 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

Tgt Ion:	212	Resp:	1492
Ion	Ratio	Lower	Upper
212	100		
106	28.1	10.5	15.7#
104	11.1	5.8	8.6#



Abundance Scan 1732 (19.188 min): BN017613.D\data.ms (-1728) (-)



Fluoranthene
Concen: 1.11 ng
RT: 19.168 min Scan# 1728
Delta R.T. 0.005 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Instrument :

BNA_N

ClientSampleId :

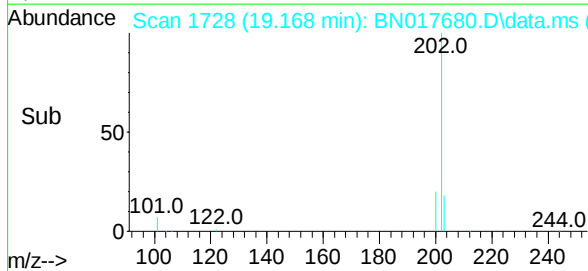
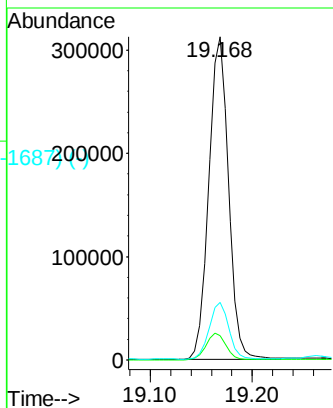
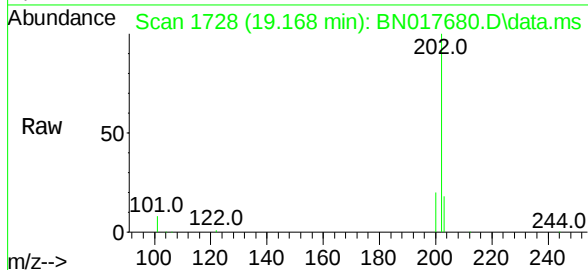
SLAB-11DL

Tgt Ion:202 Resp: 41861
Ion Ratio Lower Upper
202 100
101 8.2 8.9 13.3
203 17.4 13.8 20.6

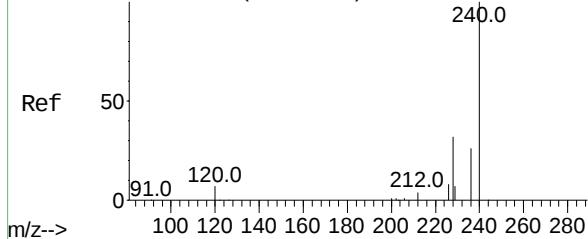
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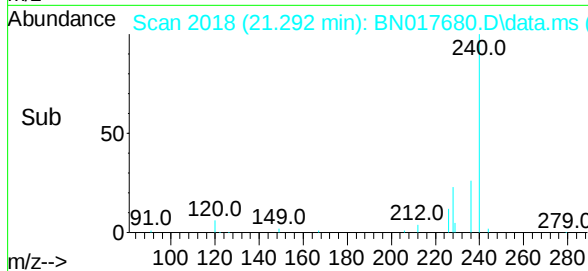
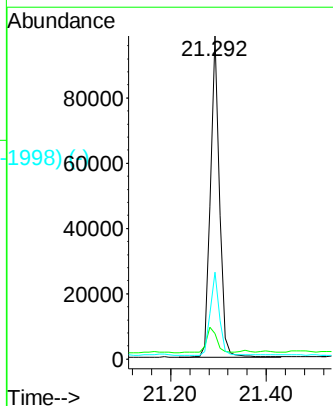
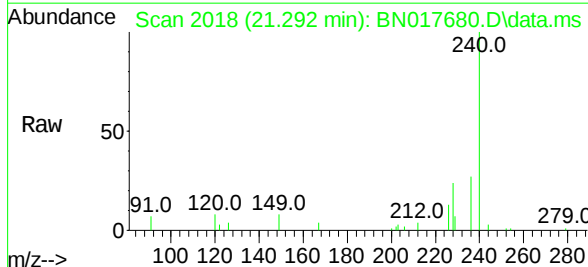


Abundance Scan 2020 (21.314 min): BN017613.D\data.ms (-2029) (-)

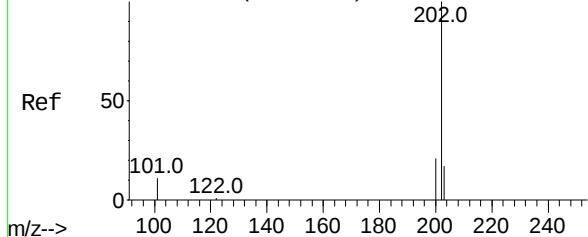


Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 2018
Delta R.T. 0.010 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Tgt Ion:240 Resp: 128835
Ion Ratio Lower Upper
240 100
120 8.0 4.2 6.2#
236 26.9 20.0 30.0



Abundance Scan 1805 (19.551 min): BN017613.D\data.ms (-1739) (-)



Pyrene
Concen: 0.79 ng
RT: 19.526 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Instrument :

BNA_N

ClientSampleId :

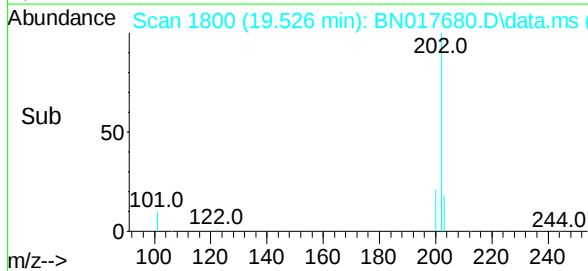
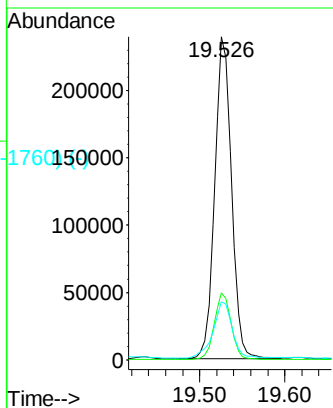
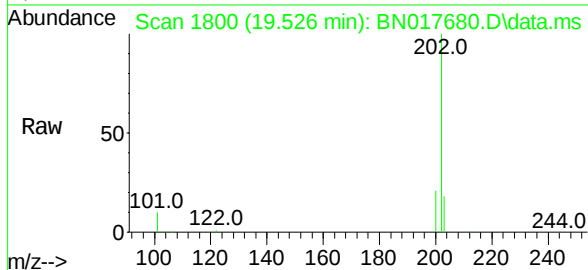
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Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	19.9	14.0	21.0

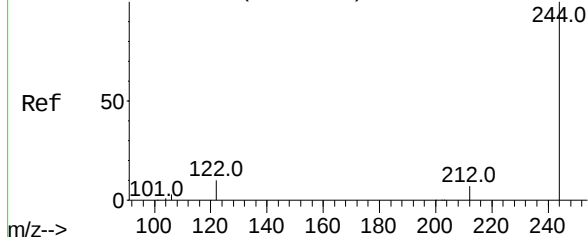
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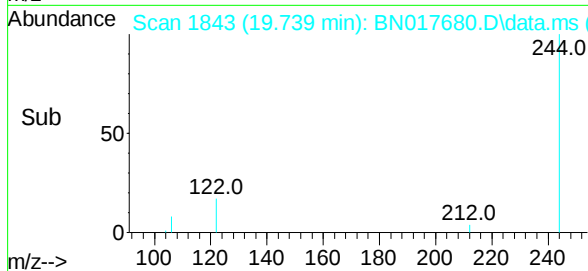
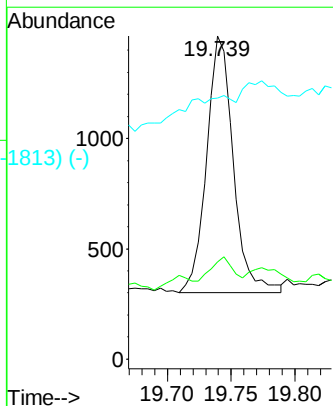
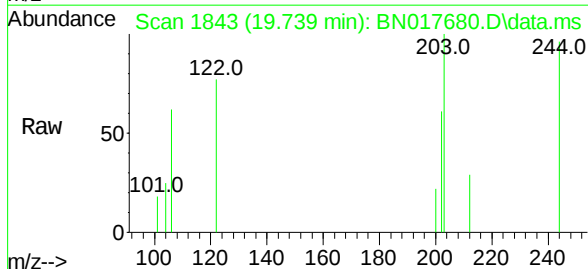


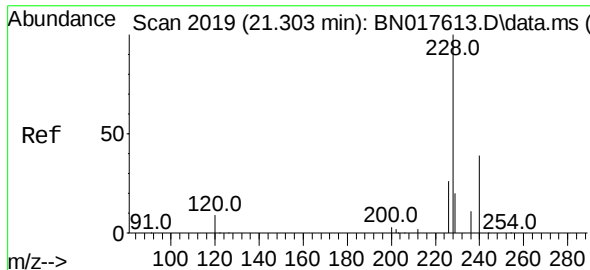
Abundance Scan 1848 (19.764 min): BN017613.D\data.ms (-1839) (-)



Terphenyl-d14
Concen: 0.01 ng
RT: 19.739 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	30.0	5.7	8.5#
122	80.8	8.6	13.0#





Benzo(a)anthracene
Concen: 0.46 ng
RT: 21.271 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Instrument :

BNA_N

ClientSampleId :

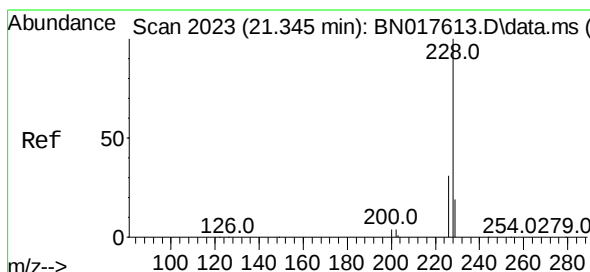
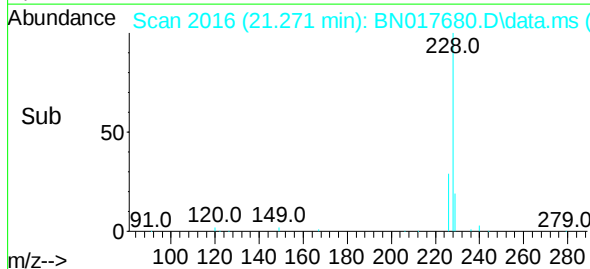
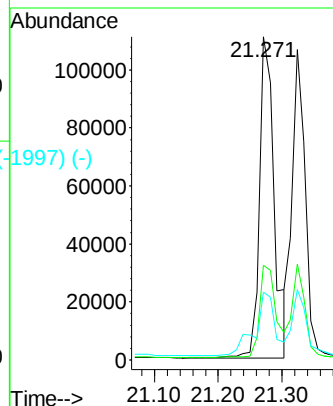
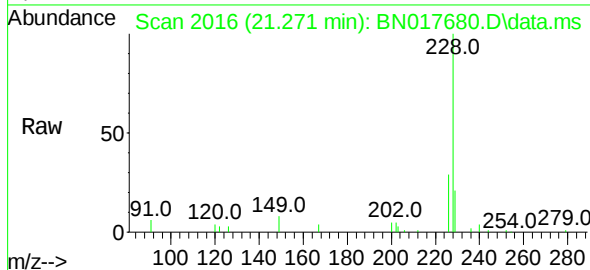
SLAB-11DL

Tgt Ion:228 Resp: 17866
Ion Ratio Lower Upper
228 100
226 29.2 21.3 31.9
229 21.1 15.7 23.9

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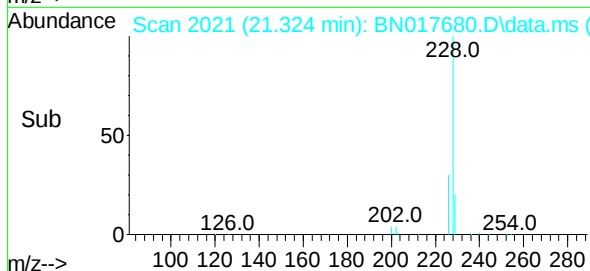
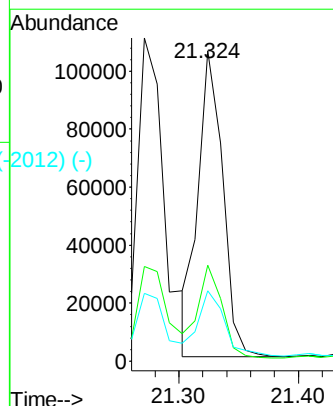
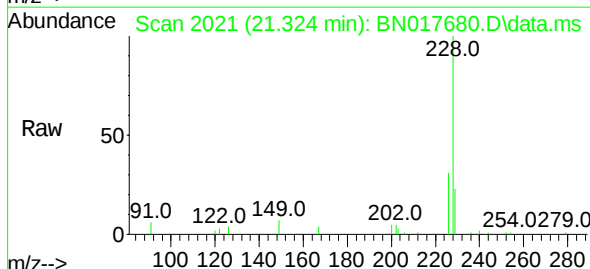
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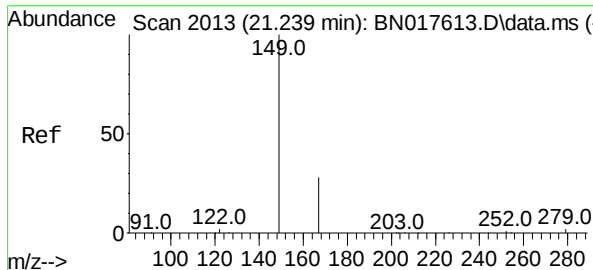
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Chrysene
Concen: 0.35 ng
RT: 21.324 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Tgt Ion:228 Resp: 149566
Ion Ratio Lower Upper
228 100
226 31.0 23.3 34.9
229 22.6 15.6 23.4





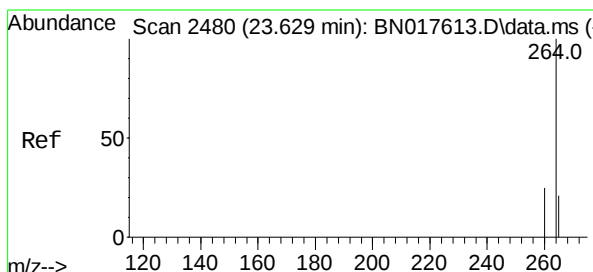
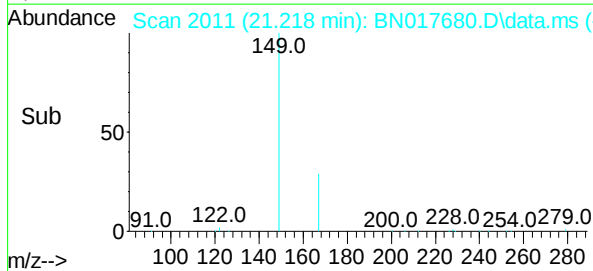
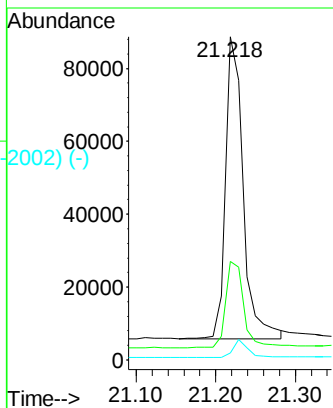
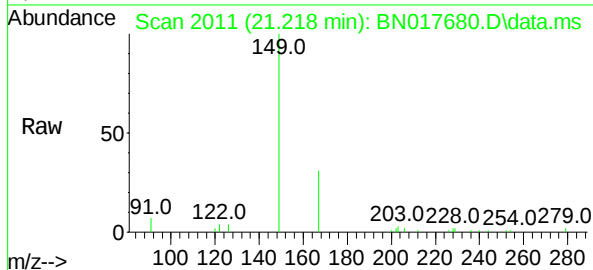
Bis(2-ethylhexyl)phthalate
 Concen: 1.37 ng
 RT: 21.218 min Scan# 2100
 Delta R.T. -0.000 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:149 Resp: 1270
 Ion Ratio Lower Upper
 149 100
 167 29.7 21.8 32.6
 279 5.1 3.4 5.0

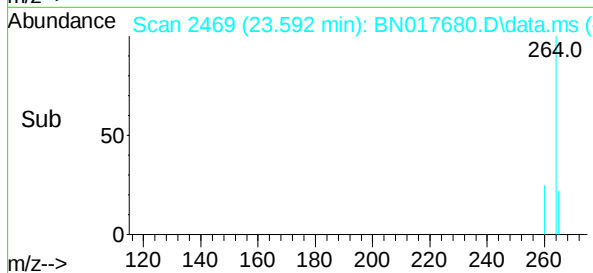
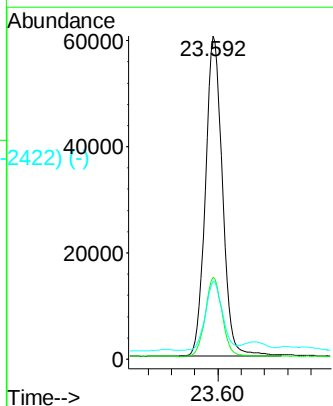
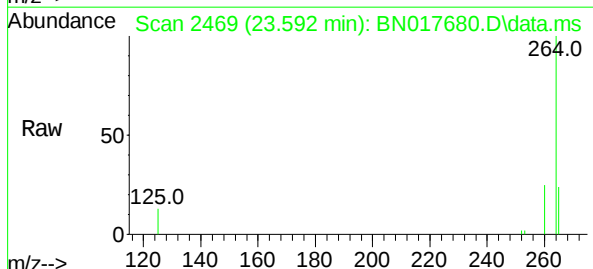
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Perylene-d12
 Concen: 0.40 ng
 RT: 23.592 min Scan# 2469
 Delta R.T. 0.010 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

Tgt Ion:264 Resp: 122541
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.4 29.2
 265 24.1 18.6 28.0



Abundance Scan 3173 (26.001 min): BN017613.D\data.ms (-3130) (-)

Indeno(1,2,3-cd)pyrene

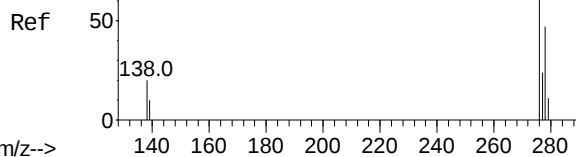
Concen: 0.16 ng

RT: 25.947 min Scan# 3157

Delta R.T. 0.007 min

Lab File: BN017680.D

Acq: 02 Dec 2021 10:39



Tgt Ion:276 Resp: 6217

Ion Ratio Lower Upper

276 100

138 14.8 19.7 29.5

277 24.2 20.0 30.0

Instrument :

BNA_N

ClientSampleId :

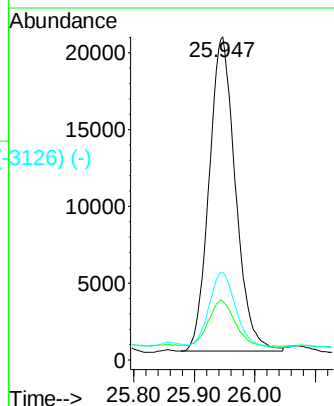
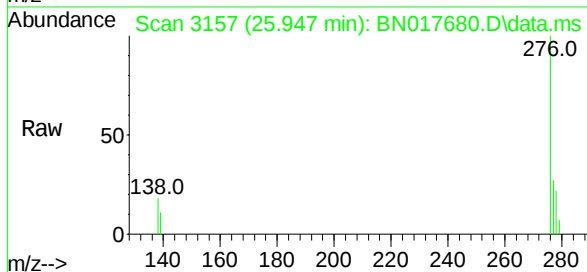
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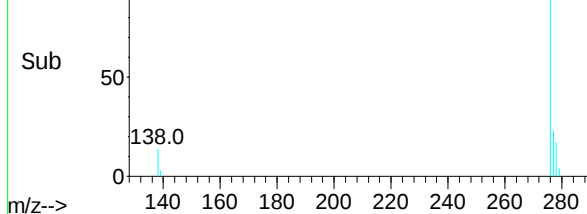
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Abundance Scan 3157 (25.947 min): BN017680.D\data.ms (-3126) (-)

276.0



Abundance Scan 2275 (22.928 min): BN017613.D\data.ms (-2267) (-)

Benzo(b)fluoranthene

Concen: 0.50 ng

RT: 22.900 min Scan# 2267

Delta R.T. 0.013 min

Lab File: BN017680.D

Acq: 02 Dec 2021 10:39

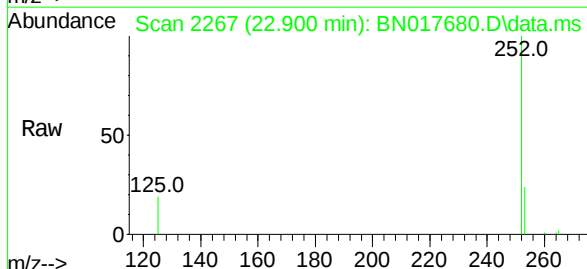
Tgt Ion:252 Resp: 202782

Ion Ratio Lower Upper

252 100

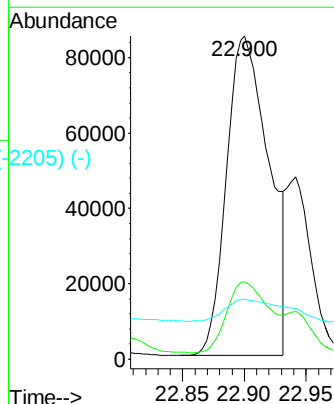
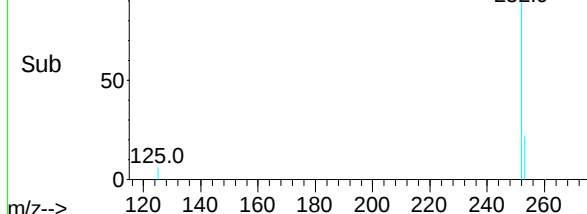
253 24.0 17.7 26.5

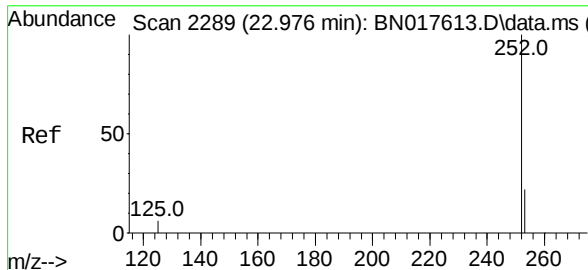
125 18.6 7.8 11.8#



Abundance Scan 2267 (22.900 min): BN017680.D\data.ms (-2205) (-)

252.0





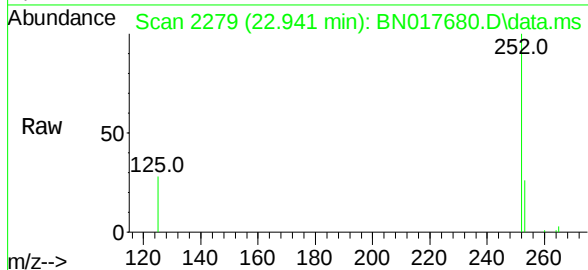
Scan 2289 (22.976 min): BN017613.D\data.ms (-2289) (-)
 Benzo(k)fluoranthene
 Concen: 0.16 ng m
 RT: 22.941 min Scan# 2289
 Delta R.T. 0.007 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

Instrument :

BN017680.D

ClientSampleId :

SLAB-11DL

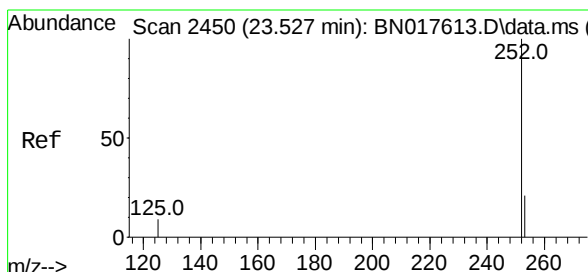
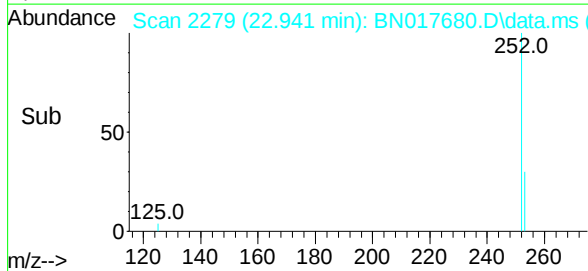
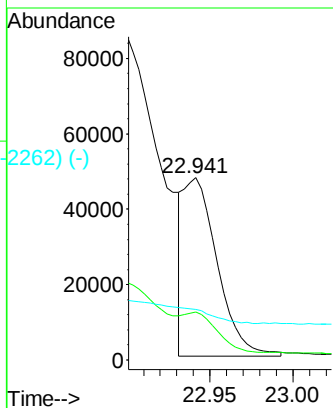


Tgt Ion:252 Resp: 6760
 Ion Ratio Lower Upper
 252 100
 253 26.2 17.7 26.5
 125 27.6 8.2 12.2

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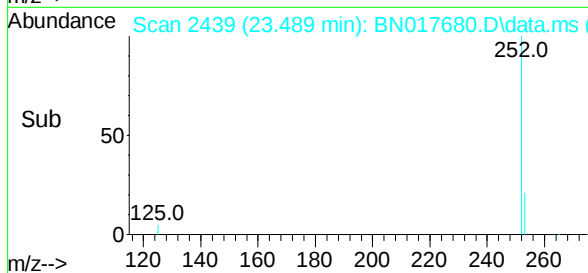
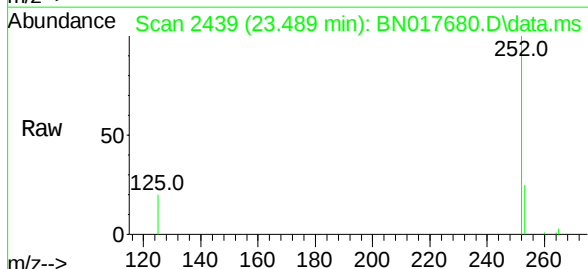
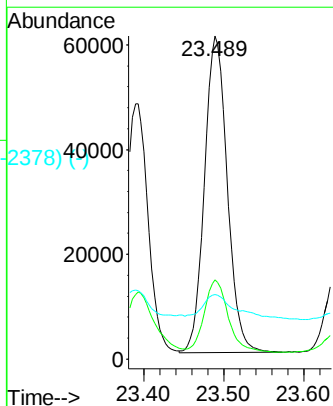
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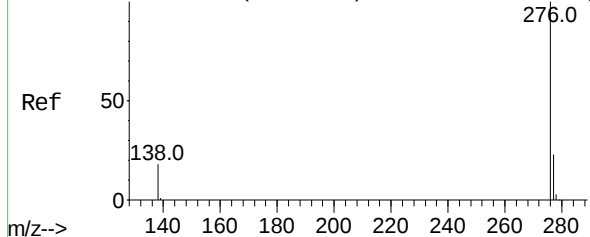


Scan 2450 (23.527 min): BN017613.D\data.ms (-2439) (-)
 Benzo(a)pyrene
 Concen: 0.33 ng
 RT: 23.489 min Scan# 2439
 Delta R.T. 0.010 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

Tgt Ion:252 Resp: 119281
 Ion Ratio Lower Upper
 252 100
 253 24.6 17.9 26.9
 125 20.0 9.2 13.8#



Abundance Scan 3385 (26.727 min): BN017613.D\data.ms (-3385) (-)



Benzo(g,h,i)perylene

Concen: 0.16 ng

RT: 26.669 min Scan# 3368

Delta R.T. 0.013 min

Lab File: BN017680.D

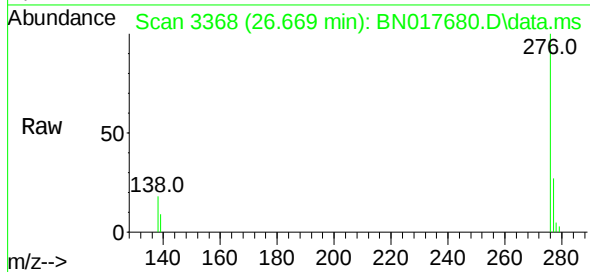
Acq: 02 Dec 2021 10:39

Instrument :

BNA_N

ClientSampleId :

SLAB-11DL



Tgt Ion:276 Resp: 5469

Ion Ratio Lower Upper

276 100

277 26.9 19.0 28.4

138 18.2 17.1 25.7

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Supervised By :mohammad ahmed 12/05/2021

