

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
 Data File : BN017667.D
 Acq On : 02 Dec 2021 02:51
 Operator : CG/JU
 Sample : M4895-05 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLAB-5

Manual Integrations
 APPROVED

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

Quant Time: Dec 02 03:59:29 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	7.736	152	17635	0.40	ng	0.00
7) Naphthalene-d8	10.510	136	74353	0.40	ng	# 0.00
13) Acenaphthene-d10	14.359	164	47078	0.40	ng	0.00
19) Phenanthrene-d10	17.104	188	103819	0.40	ng	# 0.00
29) Chrysene-d12	21.293	240	113635	0.40	ng	0.01
35) Perylene-d12	23.585	264	120967	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.357	112	24	0.00	ng	0.00
5) Phenol-d6	6.916	99	102	0.00	ng	0.00
8) Nitrobenzene-d5	8.875	82	4058	0.13	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	14177	0.11	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	8	0.13	ng	0.01
15) 2-Fluorobiphenyl	12.989	172	20839	0.11	ng	0.00
27) Fluoranthene-d10	19.134	212	39880	0.12	ng	0.00
31) Terphenyl-d14	19.740	244	31224	0.13	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.560	128	16420	0.09	ng	99
12) 2-Methylnaphthalene	12.182	142	6329	0.05	ng	97
25) Phenanthrene	17.141	178	117548	0.41	ng	100
26) Anthracene	17.226	178	14392	0.06	ng	# 88
28) Fluoranthene	19.164	202	186759	0.58	ng	# 97
30) Pyrene	19.526	202	147780	0.40	ng	98
32) Benzo(a)anthracene	21.272	228	75349	0.22	ng	93
33) Chrysene	21.325	228	84417	0.22	ng	96
34) Bis(2-ethylhexyl)phtha...	21.218	149	12409	0.15	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.937	276	45000	0.11	ng	# 89
37) Benzo(b)fluoranthene	22.890	252	107857	0.27	ng	# 89
38) Benzo(k)fluoranthene	22.932	252	36050m	0.09	ng	
39) Benzo(a)pyrene	23.483	252	58540	0.16	ng	# 86
41) Benzo(g,h,i)perylene	26.656	276	45407	0.14	ng	# 91

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

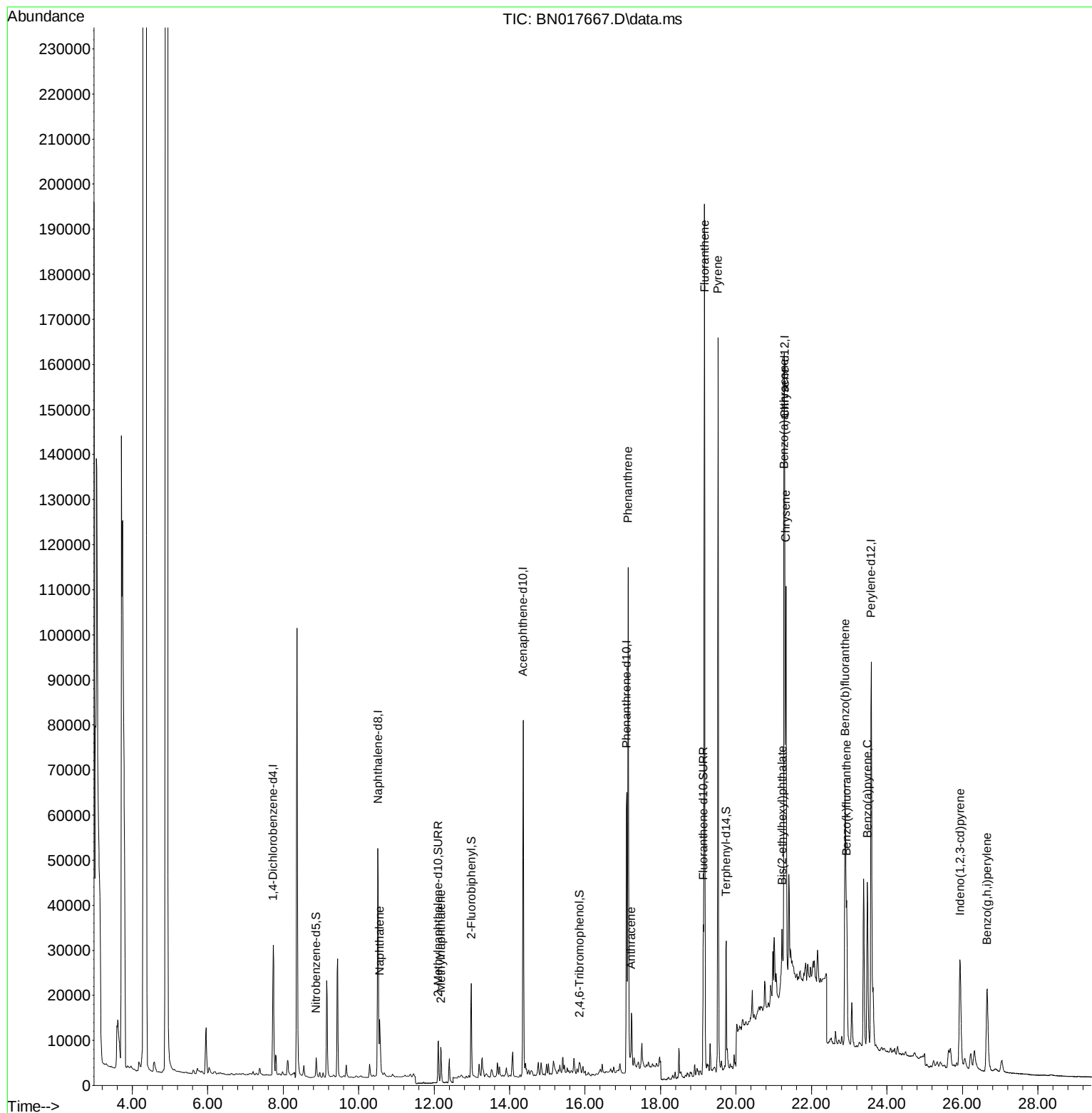
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
Data File : BN017667.D
Acq On : 02 Dec 2021 02:51
Operator : CG/JU
Sample : M4895-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

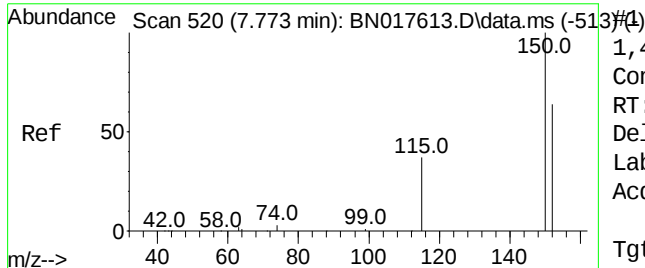
Instrument :
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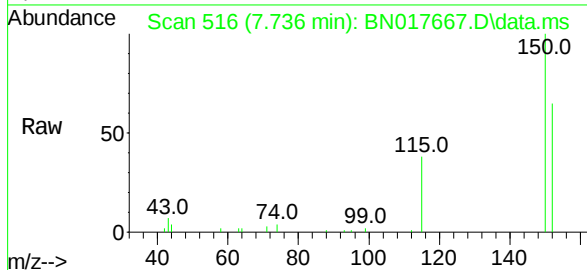
Quant Time: Dec 02 03:59:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 02 01:51:49 2021
Response via : Initial Calibration





1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.736 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

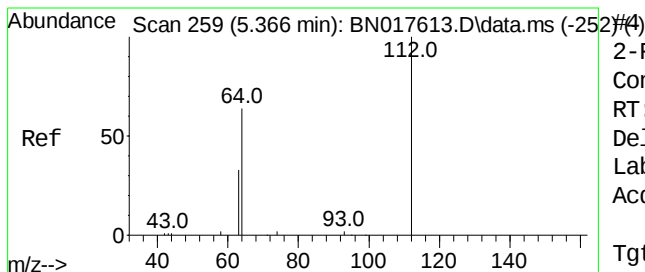
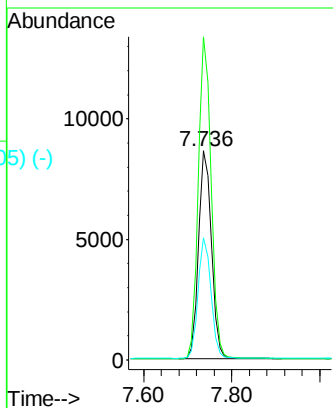
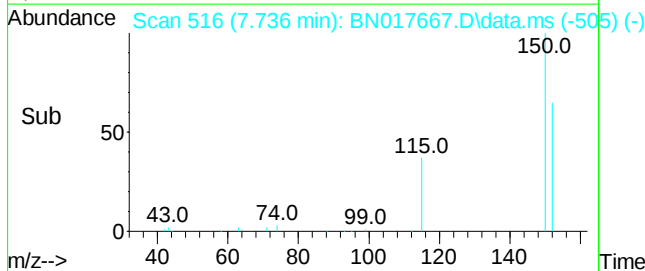
Instrument :
BNA_N
ClientSampleId :
SLAB-5



Tgt Ion:152 Resp: 1763
Ion Ratio Lower Upper
152 100
150 154.6 123.0 184.4
115 58.4 45.6 68.4

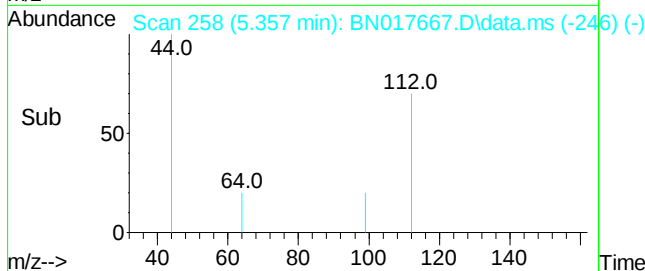
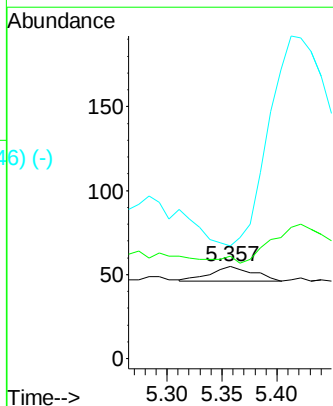
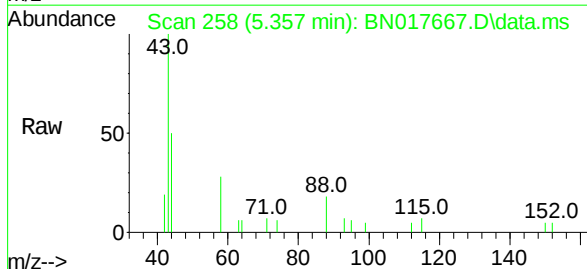
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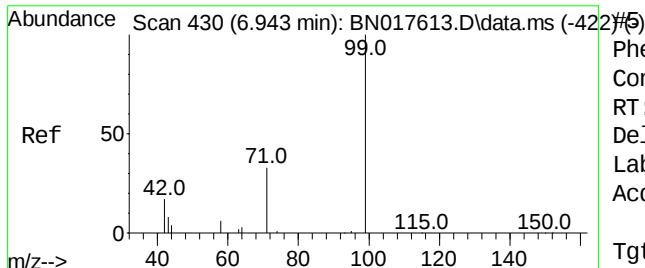
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



2-Fluorophenol
Concen: 0.00 ng
RT: 5.357 min Scan# 258
Delta R.T. 0.009 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:112 Resp: 24
Ion Ratio Lower Upper
112 100
64 0.0 47.6 71.4#
63 0.0 24.6 37.0#





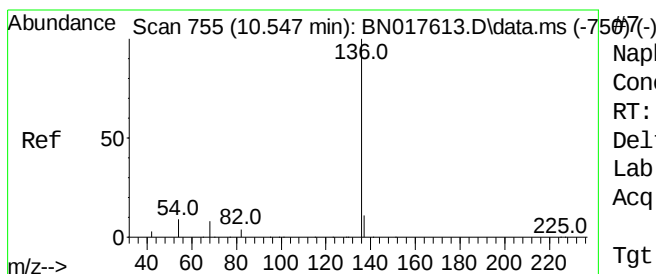
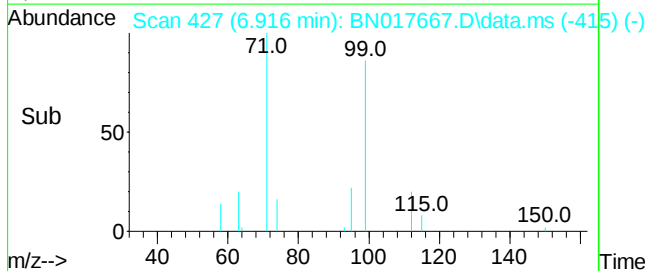
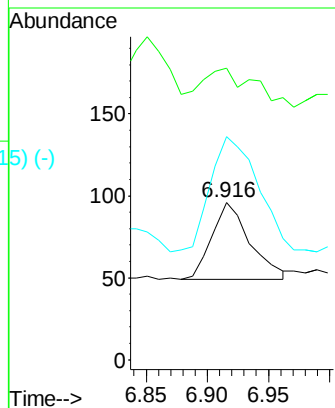
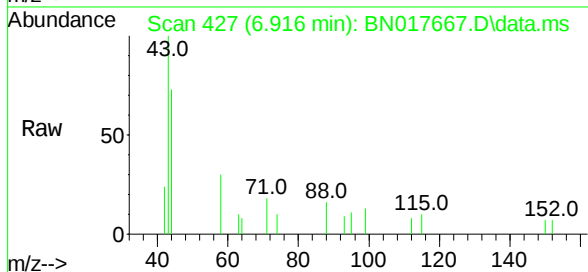
Phenol-d6
Concen: 0.00 ng
RT: 6.916 min Scan# 415
Delta R.T. 0.009 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Instrument :
BNA_N
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SLAB-5

Tgt Ion: 99 Resp: 10
Ion Ratio Lower Upper
99 100
42 63.7 17.0 25.6
71 185.3 24.8 37.2

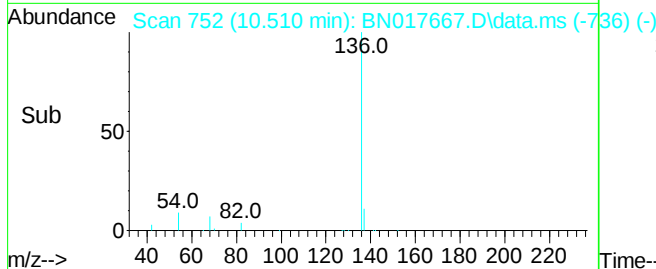
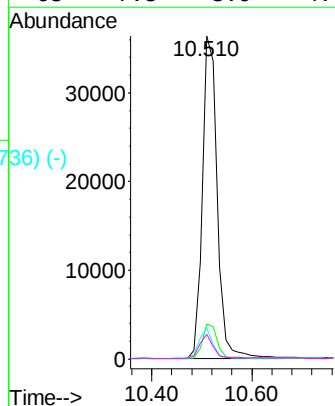
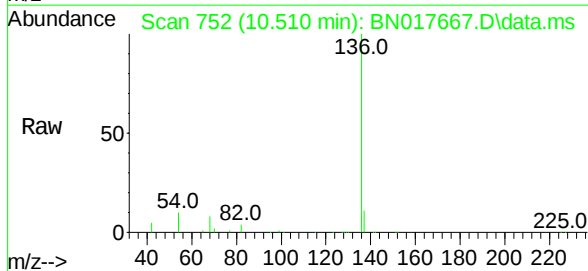
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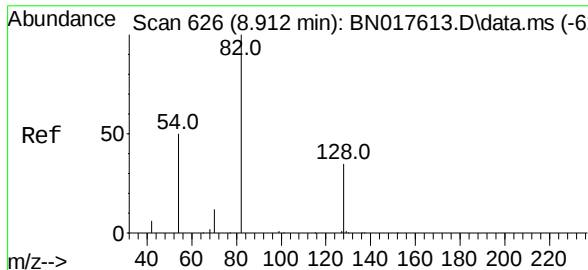
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



Naphthalene-d8
Concen: 0.40 ng
RT: 10.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:136 Resp: 74353
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.8 4.0 6.0#
68 7.8 3.0 4.6#





Nitrobenzene-d5

Concen: 0.13 ng

RT: 8.875 min Scan# 623

Delta R.T. 0.000 min

Lab File: BN017667.D

Acq: 02 Dec 2021 02:51

Instrument :

BNA_N

ClientSampleId :

SLAB-5

Tgt Ion: 82 Resp: 409

Ion Ratio Lower Upper

82 100

128 34.8 27.7 41.5

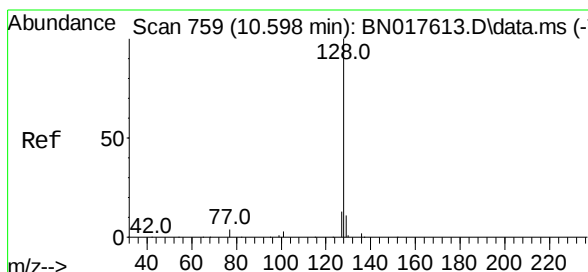
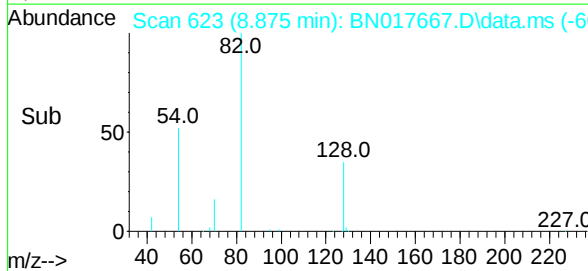
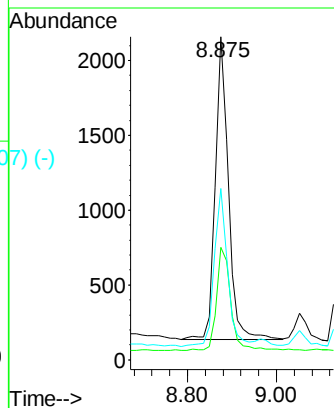
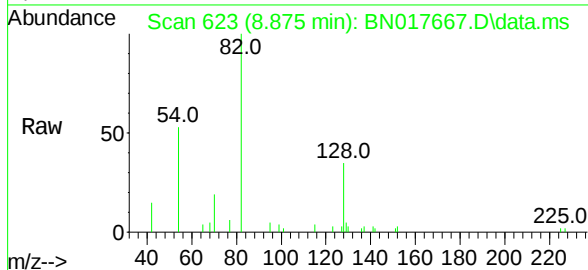
54 53.1 49.2 73.8

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Supervised By :mohammad ahmed 12/05/2021



Naphthalene

Concen: 0.09 ng

RT: 10.560 min Scan# 756

Delta R.T. 0.000 min

Lab File: BN017667.D

Acq: 02 Dec 2021 02:51

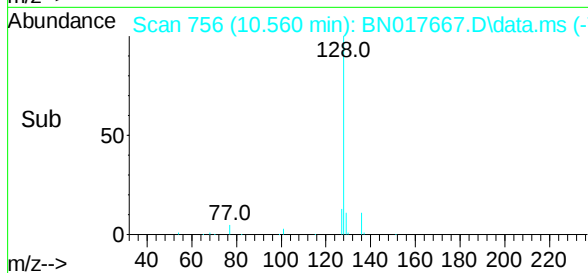
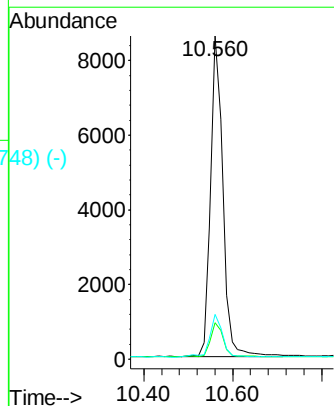
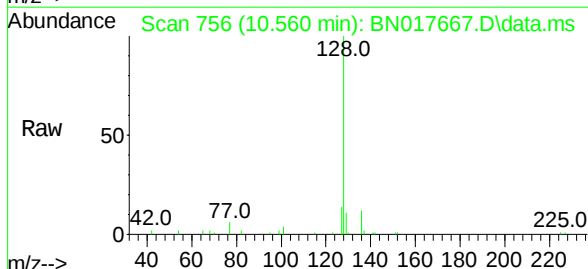
Tgt Ion:128 Resp: 16420

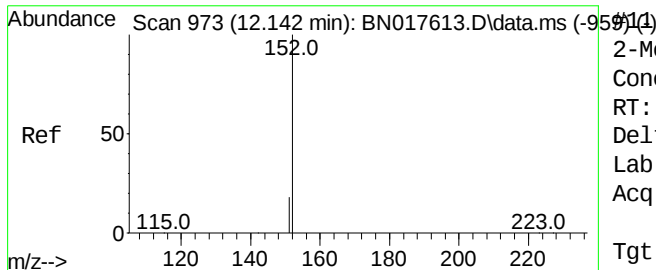
Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.8 10.6 15.8





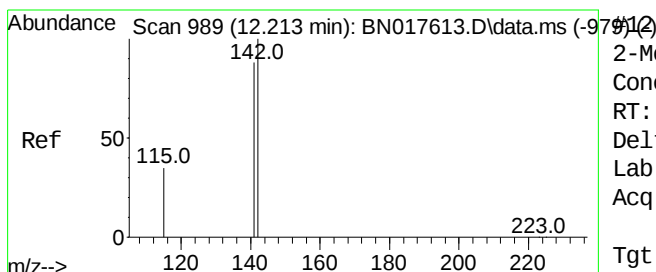
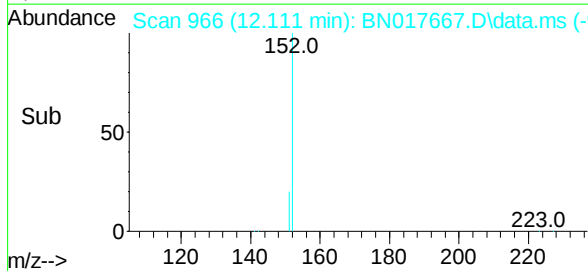
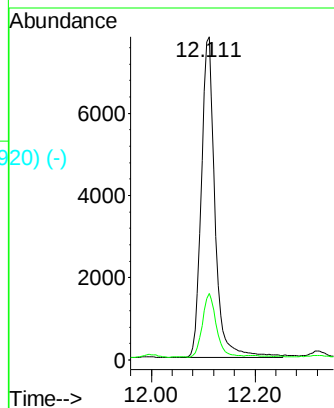
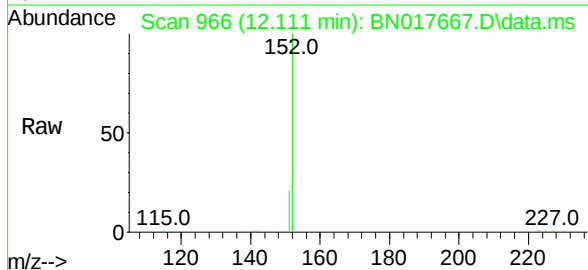
2-Methylnaphthalene-d10
 Concen: 0.11 ng
 RT: 12.111 min Scan# 911
 Delta R.T. 0.005 min
 Lab File: BN017667.D
 Acq: 02 Dec 2021 02:51

Instrument :
 BNA_N
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 SLAB-5

Tgt Ion:152 Resp: 1417
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.2 24.4

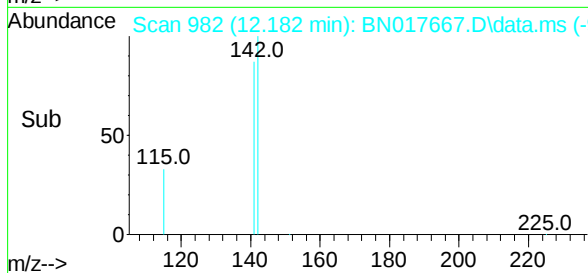
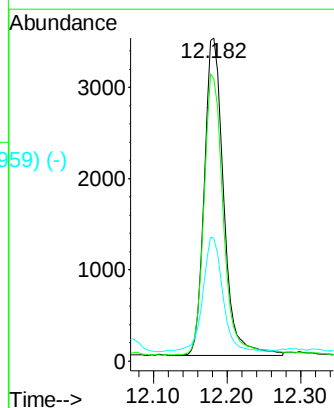
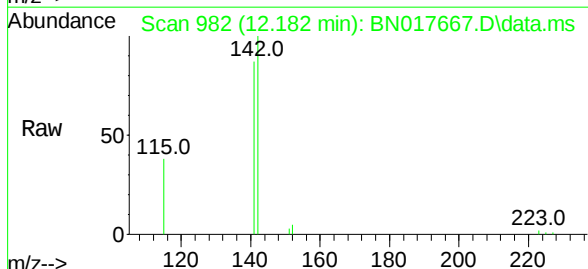
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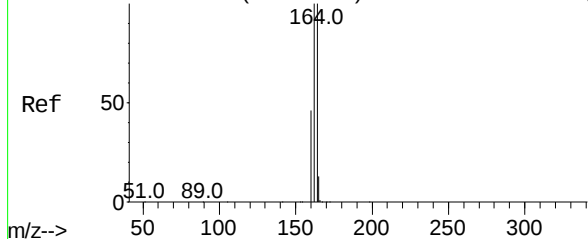


2-Methylnaphthalene
 Concen: 0.05 ng
 RT: 12.182 min Scan# 982
 Delta R.T. 0.000 min
 Lab File: BN017667.D
 Acq: 02 Dec 2021 02:51

Tgt Ion:142 Resp: 6329
 Ion Ratio Lower Upper
 142 100
 141 87.4 70.6 106.0
 115 38.0 25.8 38.6



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: BN017667.D
Acq: 02 Dec 2021 02:51

Instrument :

BN017667.D

ClientSampleId :

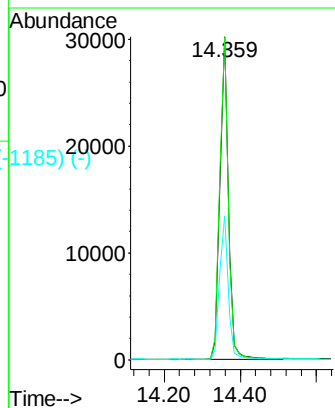
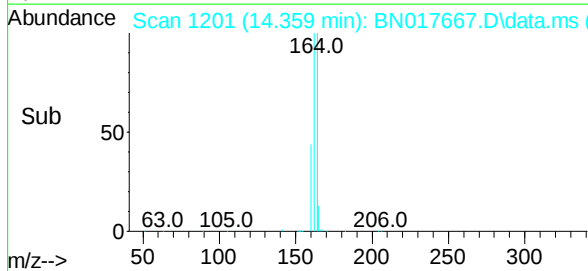
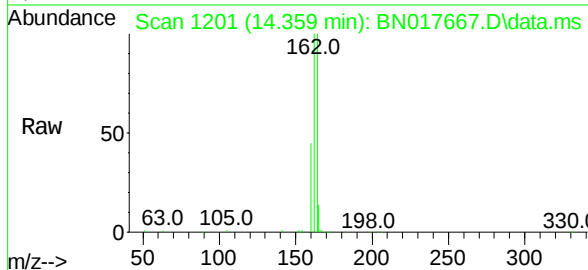
SLAB-5

Tgt Ion:164 Resp: 4707
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.2
160 44.6 36.8 55.2

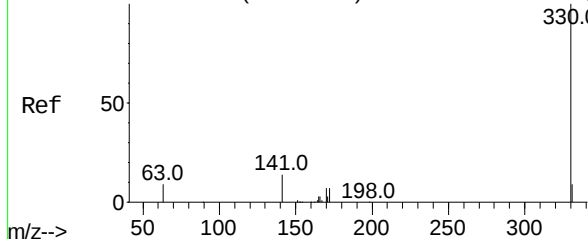
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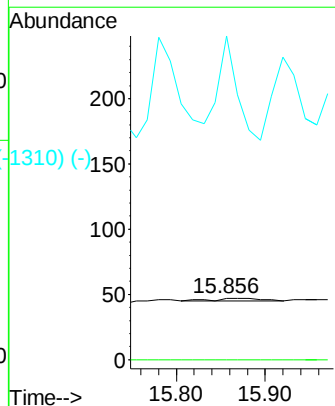
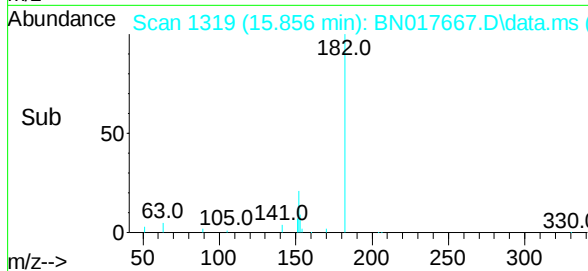
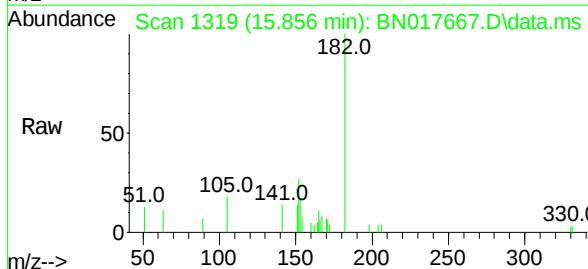


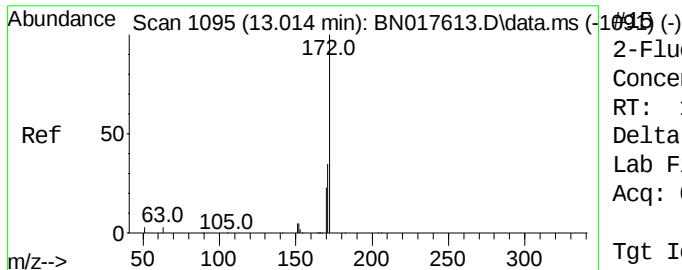
Abundance Scan 1321 (15.881 min): BN017613.D\data.ms (-1314) (-)



2,4,6-Tribromophenol
Concen: 0.13 ng
RT: 15.856 min Scan# 1319
Delta R.T. 0.013 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:330 Resp: 8
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 1450.0 28.9 43.3#





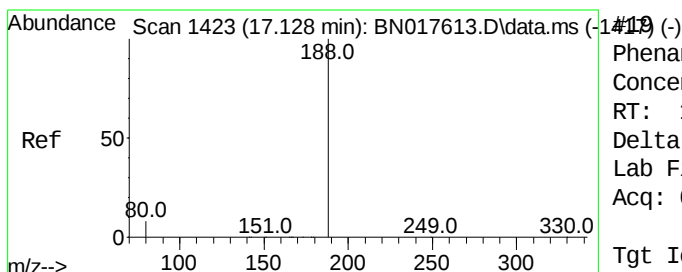
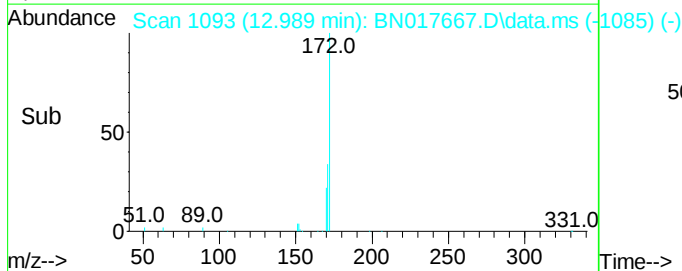
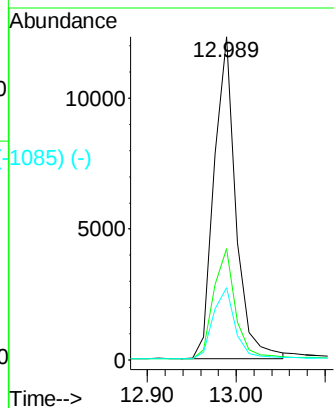
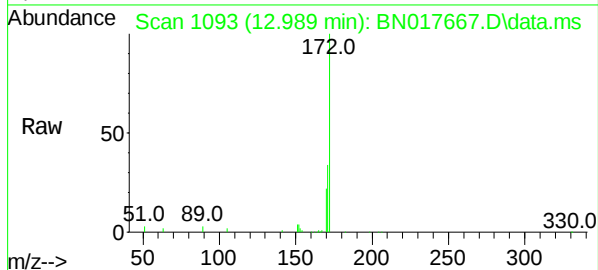
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 12.989 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Instrument :
BNA_N
ClientSampleId :
SLAB-5

Tgt Ion:172 Resp: 2083
Ion Ratio Lower Upper
172 100
171 34.4 28.7 43.3
170 22.3 19.4 29.2

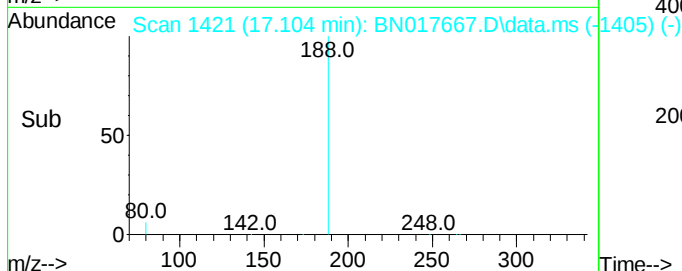
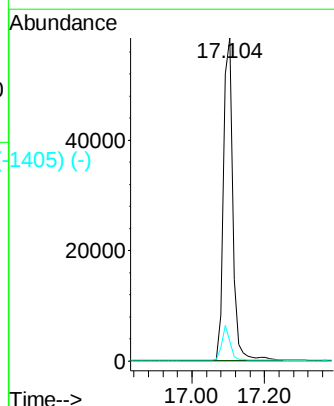
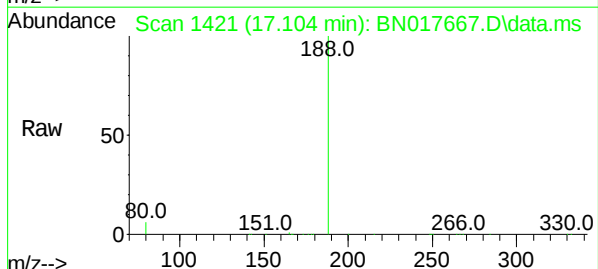
Manual Integrations
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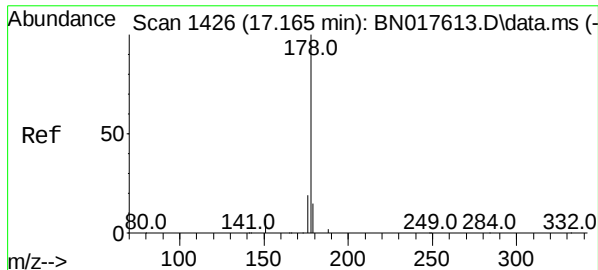
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



Phenanthrene-d10
Concen: 0.40 ng
RT: 17.104 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:188 Resp: 103819
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.1 6.1 9.1#





Phenanthrene
Concen: 0.41 ng
RT: 17.141 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Instrument :

BNA_N

ClientSampleId :

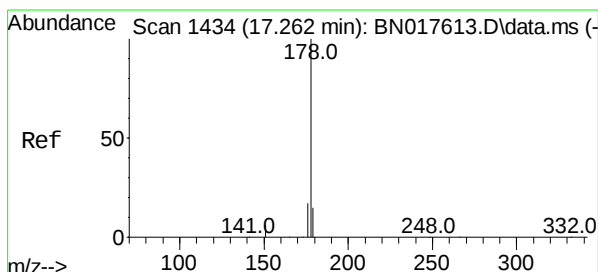
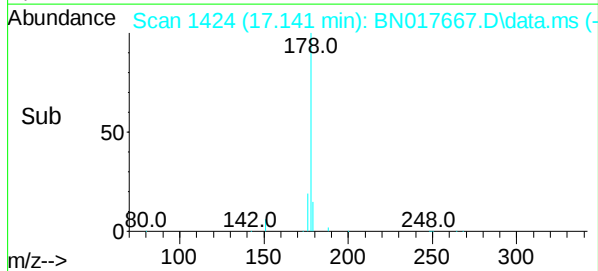
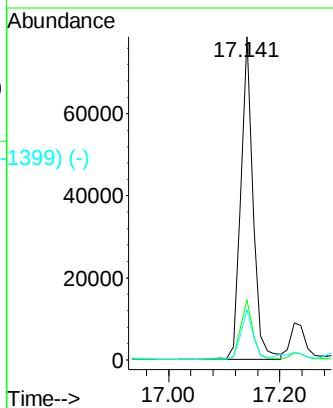
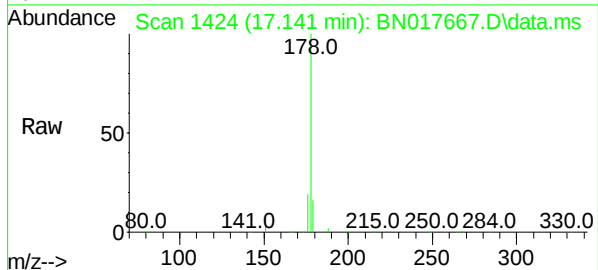
SLAB-5

Tgt Ion:178 Resp: 11754
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.7 12.3 18.9

Manual Integrations

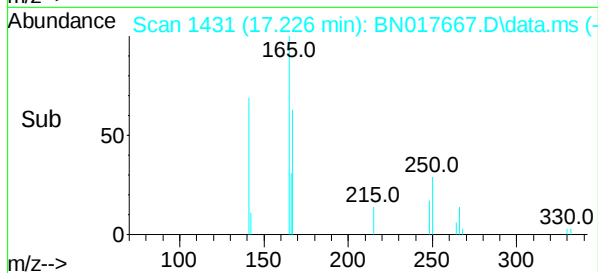
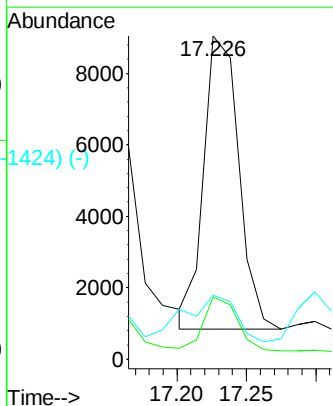
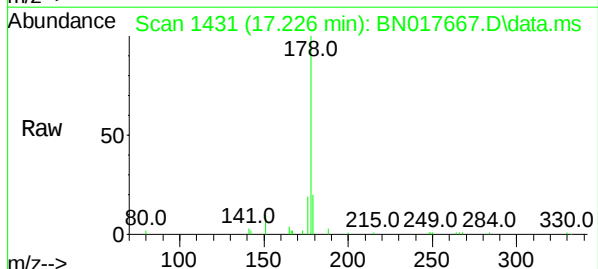
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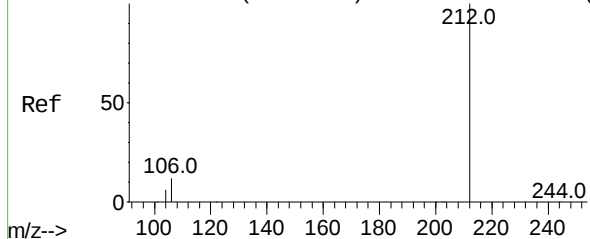


Anthracene
Concen: 0.06 ng
RT: 17.226 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:178 Resp: 14392
Ion Ratio Lower Upper
178 100
176 20.4 14.6 22.0
179 23.6 12.2 18.4#



Abundance Scan 1726 (19.158 min): BN017613.D\data.ms (-1725) (-)



Fluoranthene-d10
Concen: 0.12 ng
RT: 19.134 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Instrument :

BNA_N

ClientSampleId :

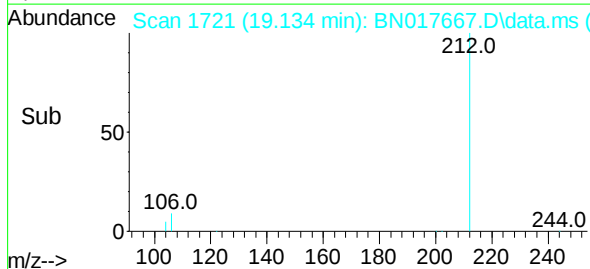
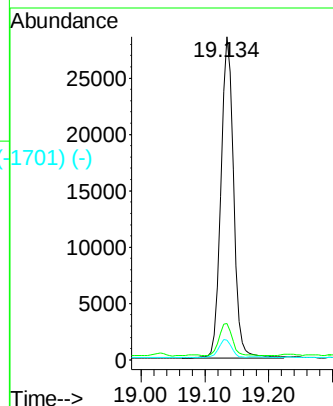
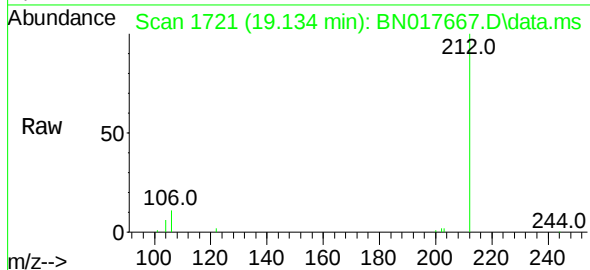
SLAB-5

Tgt Ion:212 Resp: 3988
Ion Ratio Lower Upper
212 100
106 10.3 10.5 15.7
104 5.9 5.8 8.6

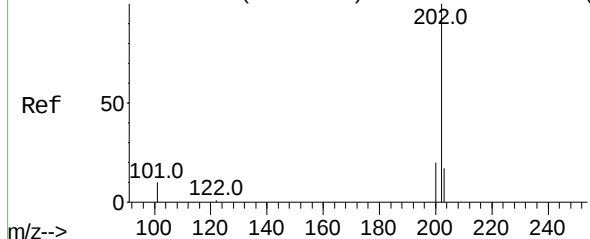
Manual Integrations

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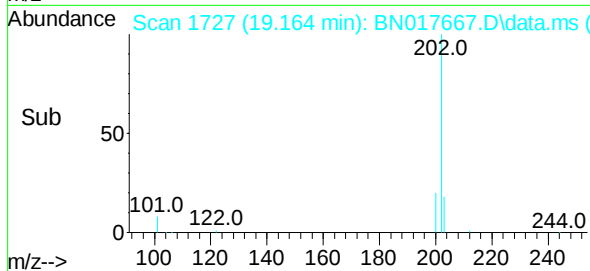
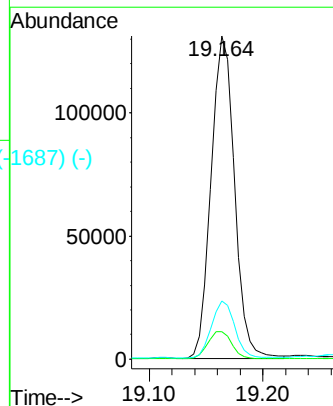
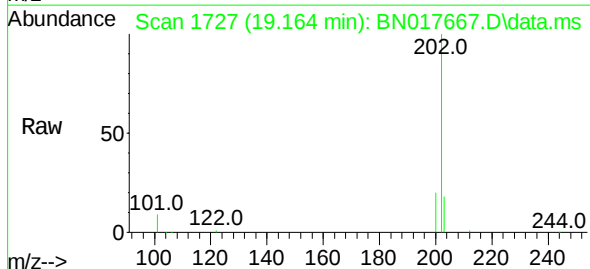


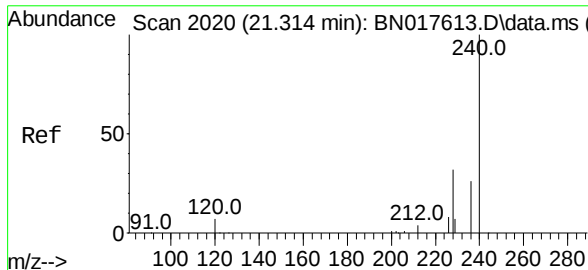
Abundance Scan 1732 (19.188 min): BN017613.D\data.ms (-1728) (-)



Fluoranthene
Concen: 0.58 ng
RT: 19.164 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:202 Resp: 186759
Ion Ratio Lower Upper
202 100
101 8.6 8.9 13.3#
203 17.4 13.8 20.6





Scan 2020 (21.314 min): BN017613.D\data.ms (-1729) (-)

Chrysene-d12

Concen: 0.40 ng

RT: 21.293 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN017667.D

Acq: 02 Dec 2021 02:51

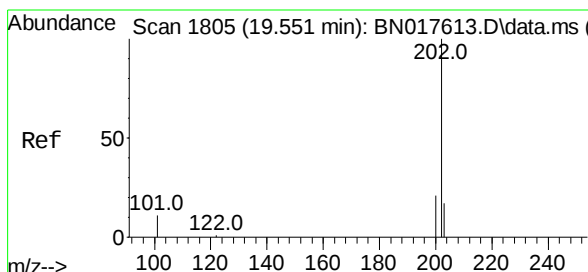
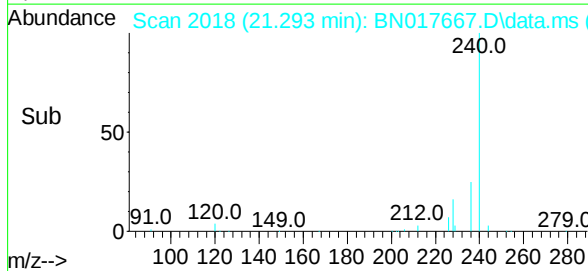
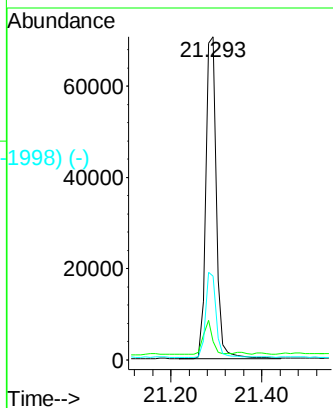
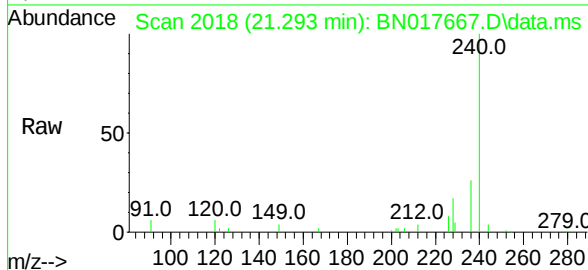
Instrument :
BNA_N
ClientSampleId :
SLAB-5

Tgt Ion:240 Resp: 11363

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.2	6.2
236	25.8	20.0	30.0

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Scan 1805 (19.551 min): BN017613.D\data.ms (-1730) (-)

Pyrene

Concen: 0.40 ng

RT: 19.526 min Scan# 1800

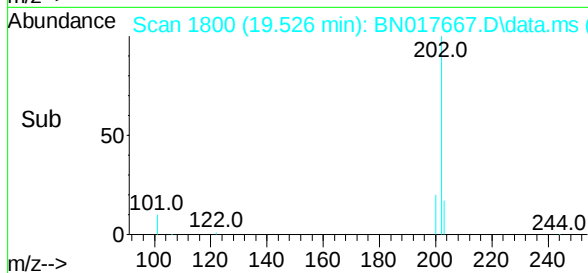
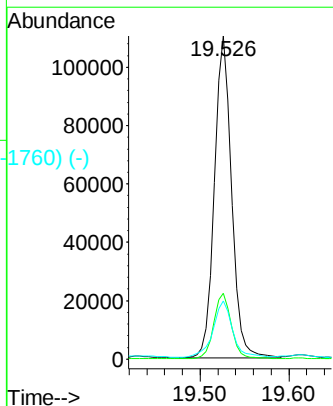
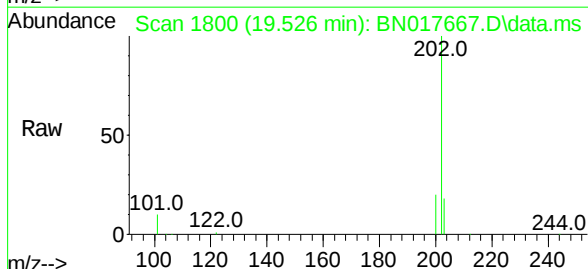
Delta R.T. 0.000 min

Lab File: BN017667.D

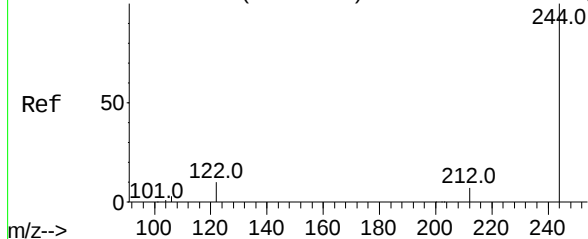
Acq: 02 Dec 2021 02:51

Tgt Ion:202 Resp: 147780

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	19.6	14.0	21.0



Abundance Scan 1848 (19.764 min): BN017613.D\data.ms (-1838) (-)



Terphenyl-d14
Concen: 0.13 ng
RT: 19.740 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Instrument :

BNA_N

ClientSampleId :

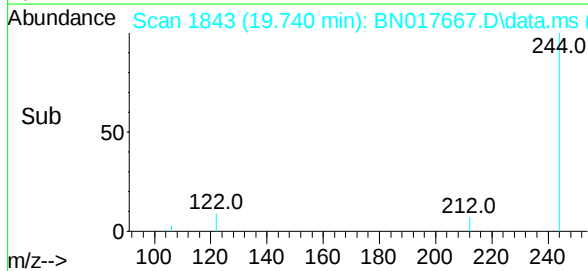
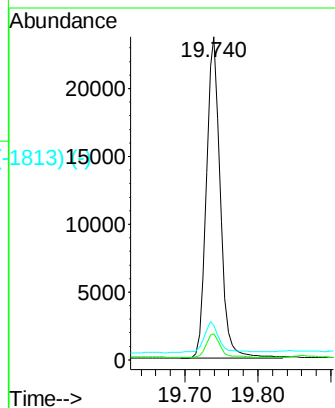
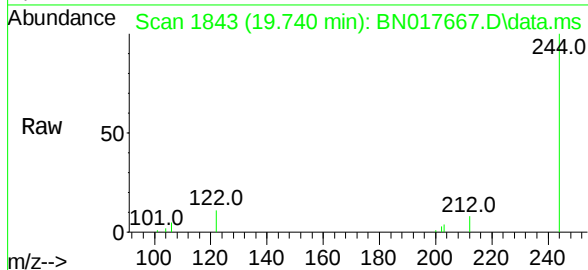
SLAB-5

Tgt Ion:244 Resp: 3122
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 10.7 8.6 13.0

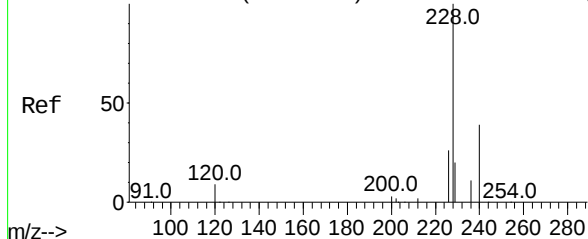
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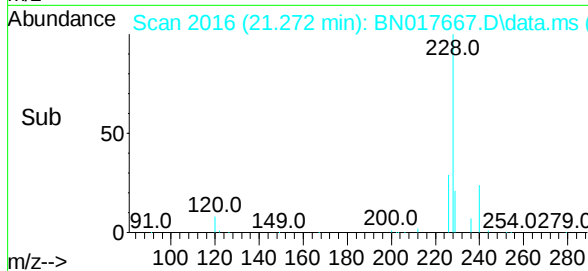
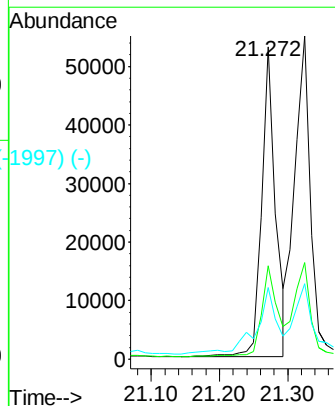
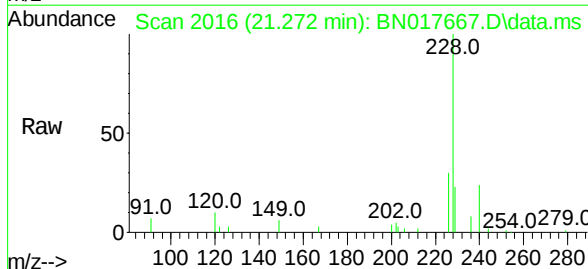


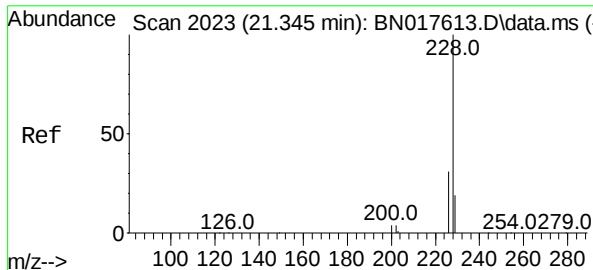
Abundance Scan 2019 (21.303 min): BN017613.D\data.ms (-2032) (-)



Benzo(a)anthracene
Concen: 0.22 ng
RT: 21.272 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:228 Resp: 75349
Ion Ratio Lower Upper
228 100
226 30.0 21.3 31.9
229 23.0 15.7 23.5





Scan 2023 (21.345 min): BN017613.D\data.ms (-2023) (-)
 Chrysene
 Concen: 0.22 ng
 RT: 21.325 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN017667.D
 Acq: 02 Dec 2021 02:51

Instrument :

BNA_N

ClientSampleId :

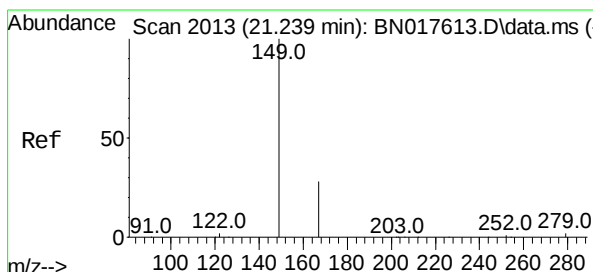
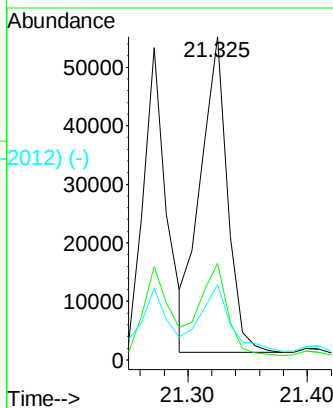
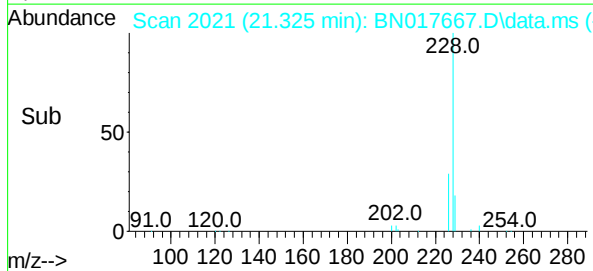
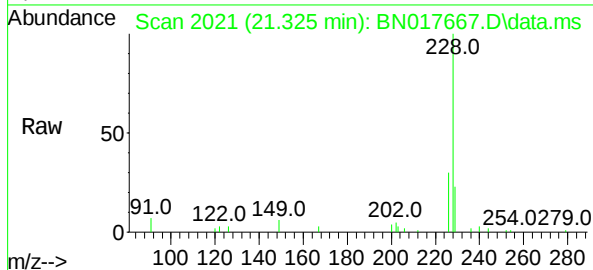
SLAB-5

Tgt Ion:	228	Resp:	844
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.3	34.9
229	23.4	15.6	23.4

Manual Integrations

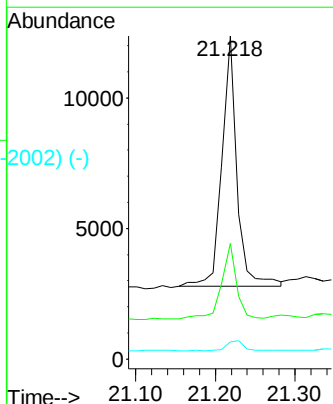
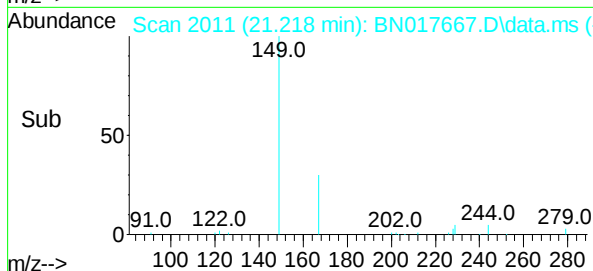
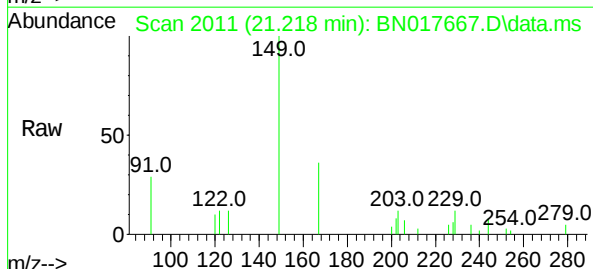
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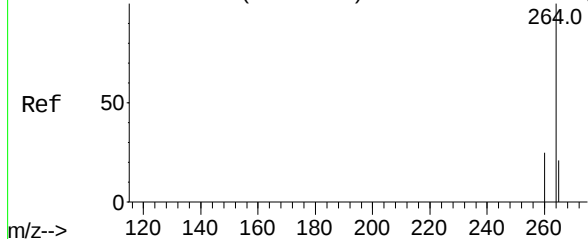


Scan 2013 (21.239 min): BN017613.D\data.ms (-2013) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 0.15 ng
 RT: 21.218 min Scan# 2011
 Delta R.T. 0.000 min
 Lab File: BN017667.D
 Acq: 02 Dec 2021 02:51

Tgt Ion:	149	Resp:	12409
Ion Ratio	Lower	Upper	
149	100		
167	29.9	21.8	32.6
279	5.8	3.4	5.0#



Abundance Scan 2480 (23.629 min): BN017613.D\data.ms (-2435) (-)



Perylene-d12
Concen: 0.40 ng
RT: 23.585 min Scan# 3154
Delta R.T. 0.004 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Instrument :

BNA_N

ClientSampleId :

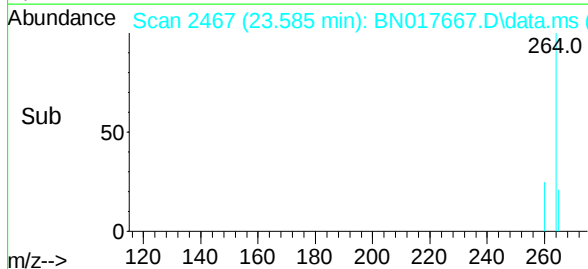
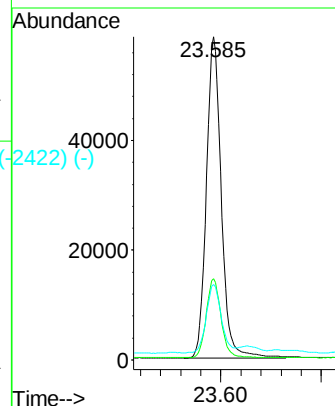
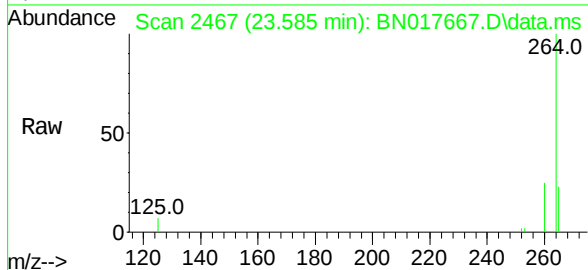
SLAB-5

Tgt Ion:264 Resp: 12096
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.2
265 23.3 18.6 28.0

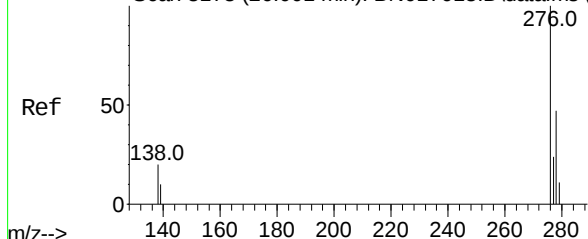
Manual Integrations

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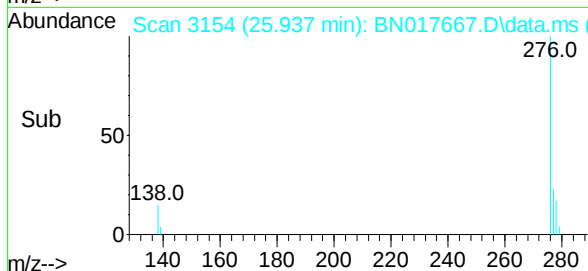
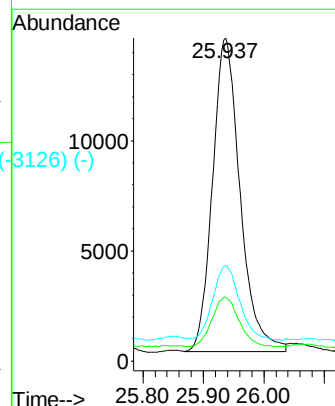
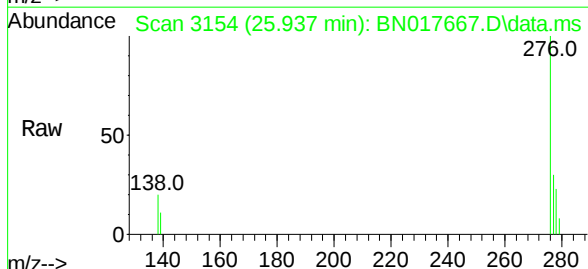


Abundance Scan 3173 (26.001 min): BN017613.D\data.ms (-3130) (-)

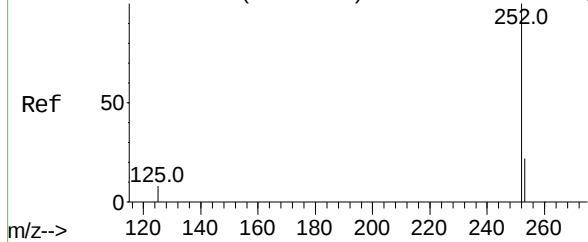


Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng
RT: 25.937 min Scan# 3154
Delta R.T. -0.003 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:276 Resp: 45000
Ion Ratio Lower Upper
276 100
138 15.4 19.7 29.5#
277 23.1 20.0 30.0



Abundance Scan 2275 (22.928 min): BN017613.D\data.ms (-2287) (-)



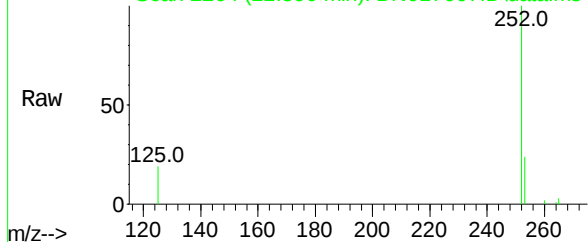
Benzo(b)fluoranthene
Concen: 0.27 ng
RT: 22.890 min Scan# 2264
Delta R.T. 0.004 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Instrument :

BN017667.D

ClientSampleId :
SLAB-5

Abundance Scan 2264 (22.890 min): BN017667.D\data.ms



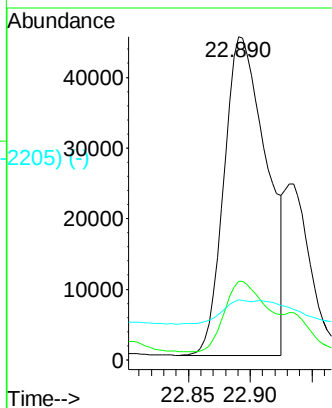
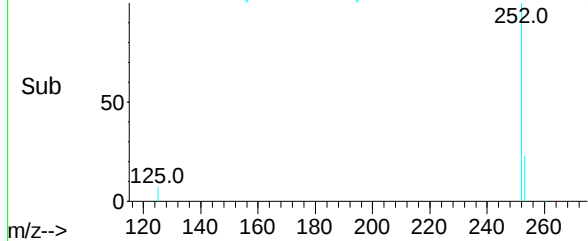
Tgt Ion:252 Resp: 10785
Ion Ratio Lower Upper
252 100
253 24.4 17.7 26.5
125 18.7 7.8 11.8

Manual Integrations

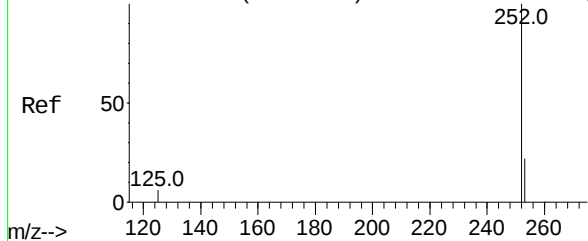
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Abundance Scan 2264 (22.890 min): BN017667.D\data.ms (-2205) (-)



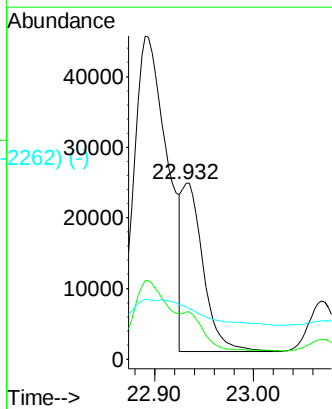
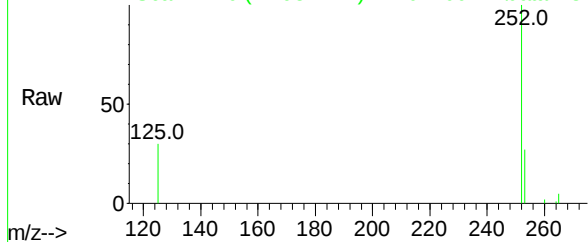
Abundance Scan 2289 (22.976 min): BN017613.D\data.ms (-2289) (-)



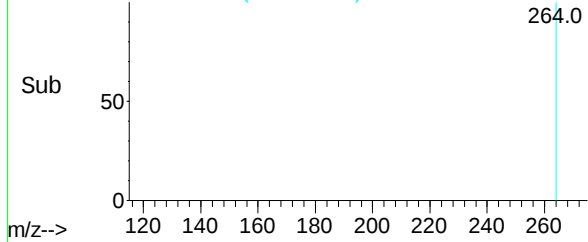
Benzo(k)fluoranthene
Concen: 0.09 ng m
RT: 22.932 min Scan# 2276
Delta R.T. -0.003 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:252 Resp: 36050
Ion Ratio Lower Upper
252 100
253 27.0 17.7 26.5#
125 29.9 8.2 12.2#

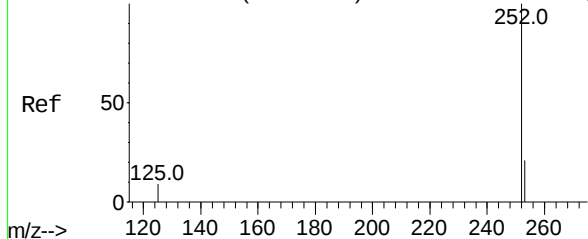
Abundance Scan 2276 (22.932 min): BN017667.D\data.ms



Abundance Scan 2276 (22.932 min): BN017667.D\data.ms (-2262) (-)



Abundance Scan 2450 (23.527 min): BN017613.D\data.ms (-2439) (-)



Benzo(a)pyrene
Concen: 0.16 ng
RT: 23.483 min Scan# 2439
Delta R.T. 0.004 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Instrument :

BN017667.D

ClientSampleId :

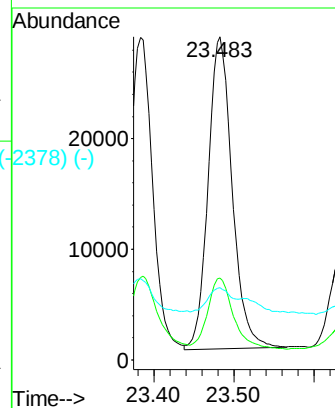
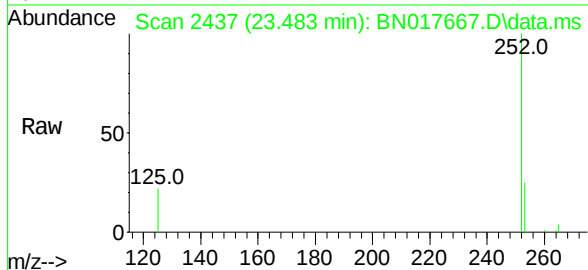
SLAB-5

Tgt Ion:252 Resp: 5854
Ion Ratio Lower Upper
252 100
253 25.3 17.9 26.9
125 22.3 9.2 13.8

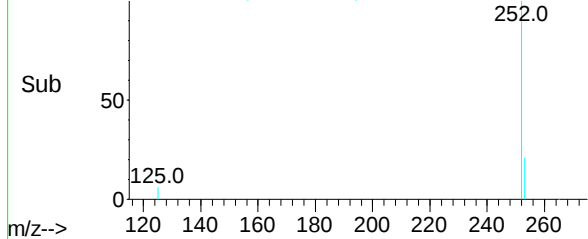
Manual Integrations

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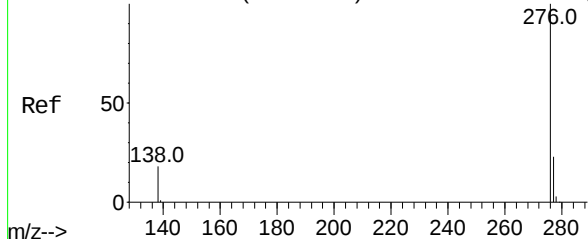
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



Abundance Scan 2437 (23.483 min): BN017667.D\data.ms (-2378) (-)

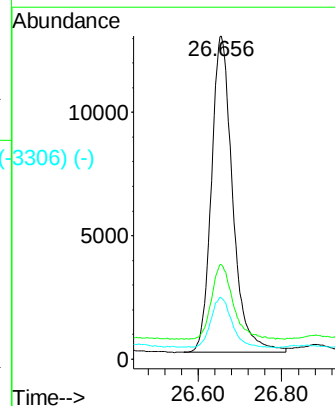
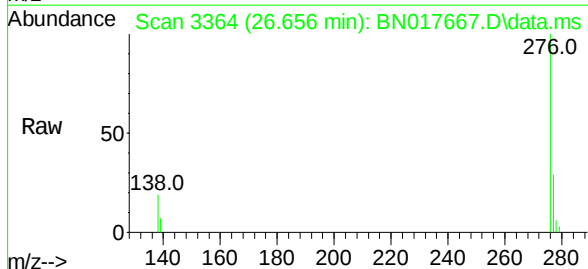


Abundance Scan 3385 (26.727 min): BN017613.D\data.ms (-3361) (-)



Benzo(g,h,i)perylene
Concen: 0.14 ng
RT: 26.656 min Scan# 3364
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:276 Resp: 45407
Ion Ratio Lower Upper
276 100
277 29.4 19.0 28.4#
138 19.0 17.1 25.7



Abundance Scan 3364 (26.656 min): BN017667.D\data.ms (-3306) (-)

