

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
 Data File : BN015030.D
 Acq On : 24 Jun 2021 05:36
 Operator : CG/JU
 Sample : M2804-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP08-20210621

Manual Integrations
 APPROVED

mohammad
 6/24/2021 9:53:29 AM

Quant Time: Jun 24 06:16:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 23 16:24:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	21765	0.400	ng	# 0.00
7) Naphthalene-d8	10.505	136	97185	0.400	ng	0.00
13) Acenaphthene-d10	14.358	164	51476	0.400	ng	0.00
19) Phenanthrene-d10	17.104	188	102544	0.400	ng	# 0.00
29) Chrysene-d12	21.292	240	86807	0.400	ng	#-0.01
35) Perylene-d12	23.540	264	72944	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.380	112	10375	0.154	ng	0.00
5) Phenol-d6	6.920	99	7232	0.085	ng	0.00
8) Nitrobenzene-d5	8.883	82	27083	0.369	ng	0.00
11) 2-Methylnaphthalene-d10	12.097	152	58728	0.352	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	7549	0.312	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	106829	0.546	ng	0.00
27) Fluoranthene-d10	19.133	212	117731	0.364	ng	0.00
31) Terphenyl-d14	19.739	244	109308	0.508	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	2053m	0.225	ng	
9) Naphthalene	10.556	128	7276	0.027	ng	98
12) 2-Methylnaphthalene	12.168	142	6164	0.034	ng	# 90
25) Phenanthrene	17.140	178	9907m	0.032	ng	
26) Anthracene	17.225	178	6350	0.021	ng	99
28) Fluoranthene	19.163	202	7158	0.020	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.218	149	23841	0.104	ng	# 88

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

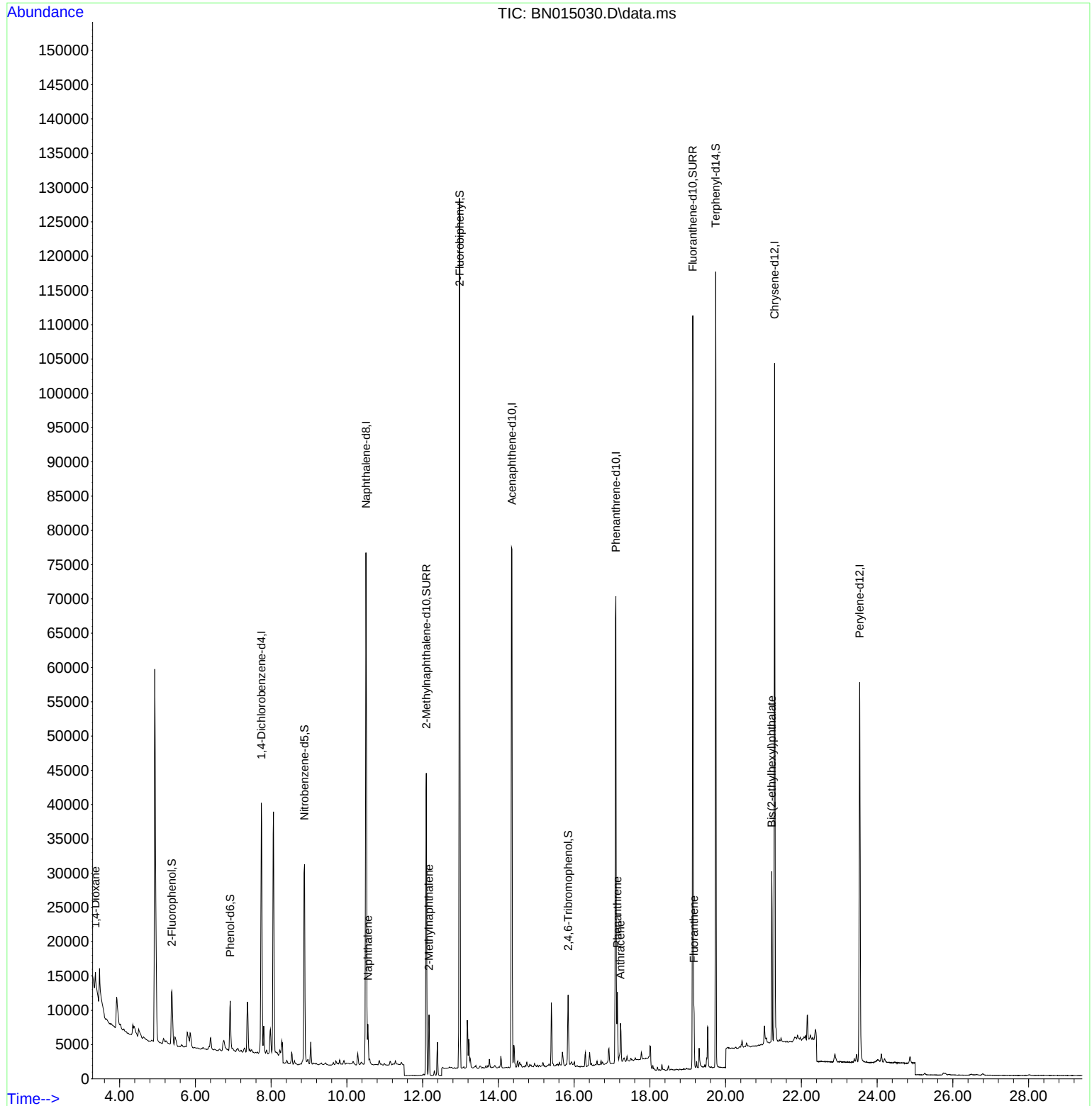
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
Data File : BN015030.D
Acq On : 24 Jun 2021 05:36
Operator : CG/JU
Sample : M2804-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

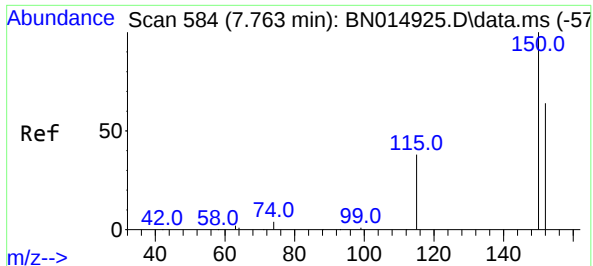
Instrument :
BNA_N
ClientSampleId :
DUP08-20210621

Manual Integrations
APPROVED

mohammad
6/24/2021 9:53:29 AM

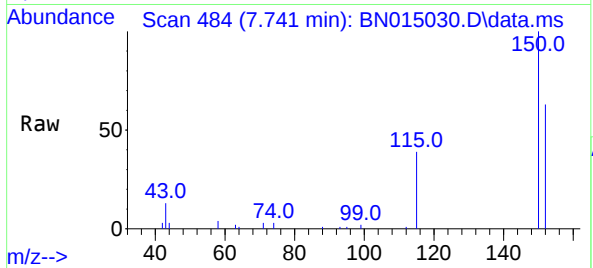
Quant Time: Jun 24 06:16:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 23 16:24:59 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.741 min Scan# 484
Delta R.T. -0.009 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

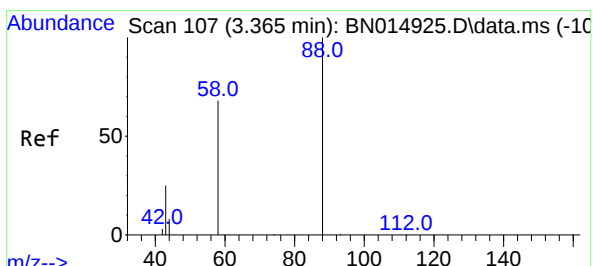
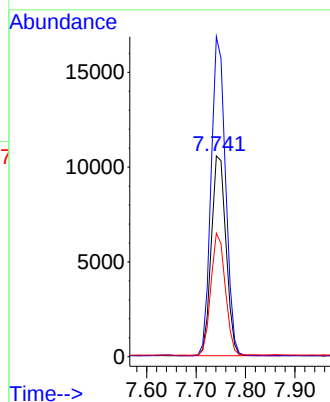
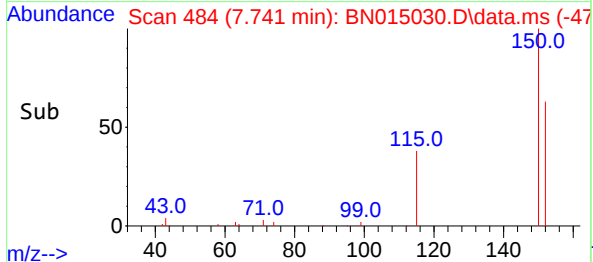
Instrument :
BNA_N
ClientSampleId :
DUP08-20210621



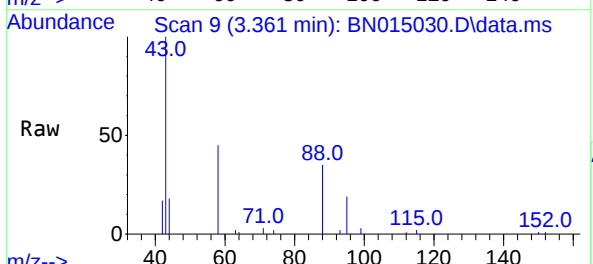
Tgt Ion:152 Resp: 21765
Ion Ratio Lower Upper
152 100
150 159.4 119.0 178.6
115 61.5 62.2 93.4#

Manual Integrations
APPROVED

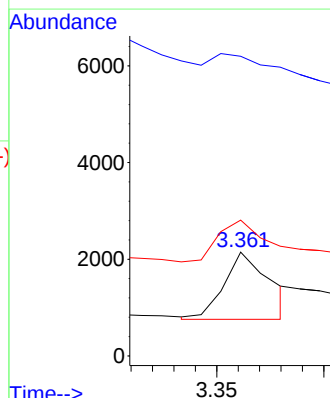
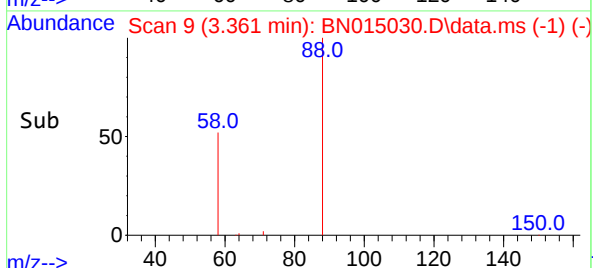
mohammad
6/24/2021 9:53:29 AM

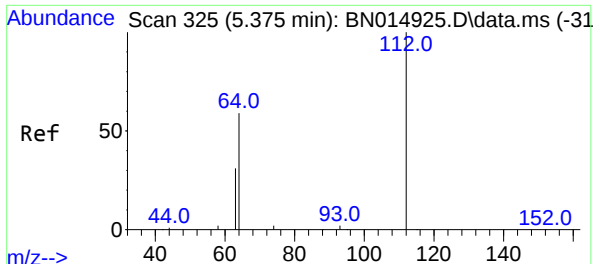


#2
1,4-Dioxane
Concen: 0.225 ng m
RT: 3.361 min Scan# 9
Delta R.T. 0.009 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36



Tgt Ion: 88 Resp: 2053
Ion Ratio Lower Upper
88 100
43 0.0 12.9 19.3#
58 91.1 38.1 57.1#





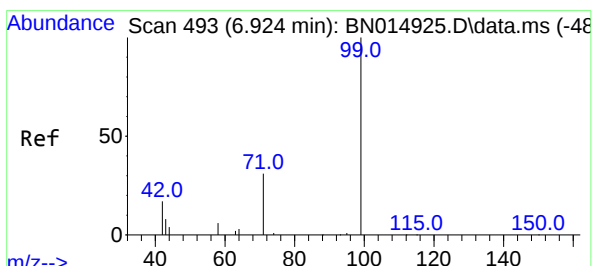
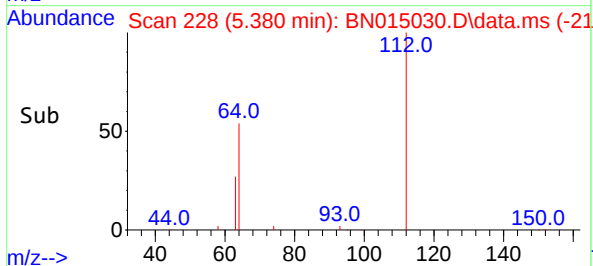
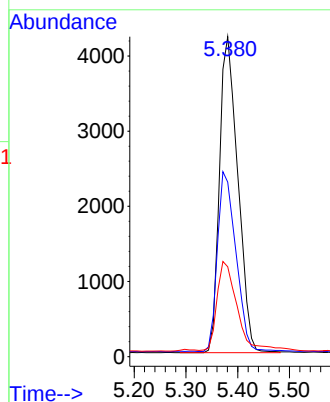
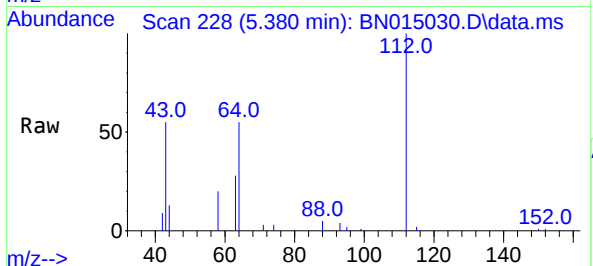
#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.380 min Scan# 228
Delta R.T. 0.009 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

Instrument :
BNA_N
ClientSampleId :
DUP08-20210621

Tgt Ion: 112 Resp: 10375
Ion Ratio Lower Upper
112 100
64 57.4 39.0 58.6
63 30.0 20.6 30.8

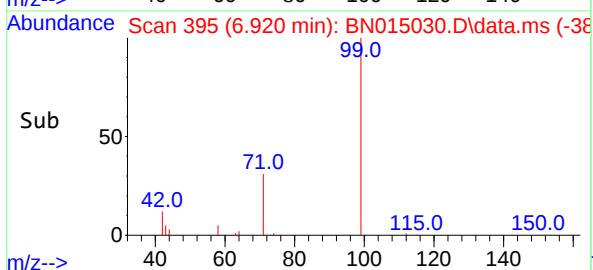
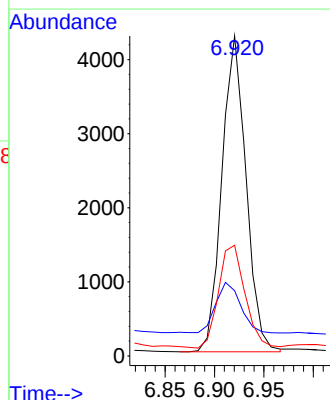
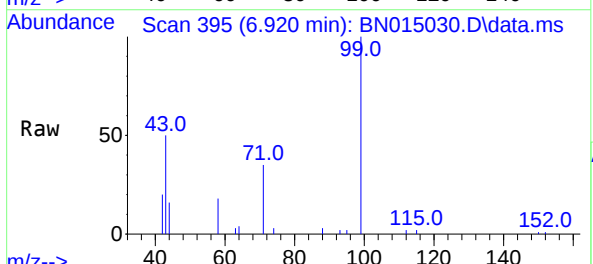
Manual Integrations
APPROVED

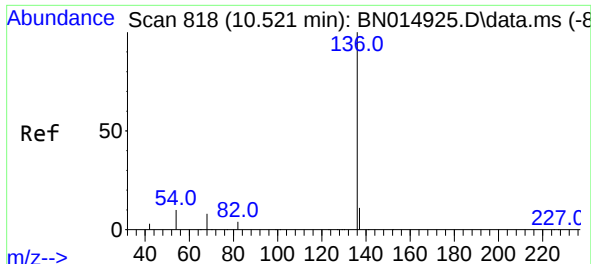
mohammad
6/24/2021 9:53:29 AM



#5
Phenol-d6
Concen: 0.085 ng
RT: 6.920 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

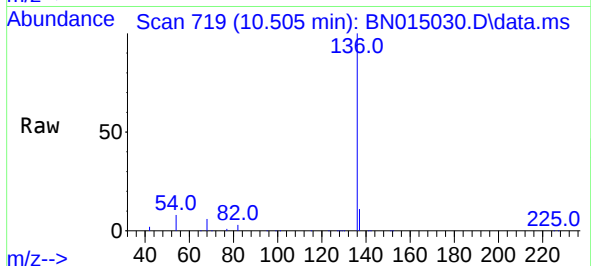
Tgt Ion: 99 Resp: 7232
Ion Ratio Lower Upper
99 100
42 16.4 8.9 13.3#
71 35.0 35.6 53.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.505 min Scan# 719
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

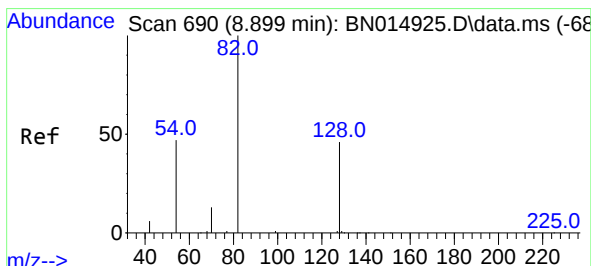
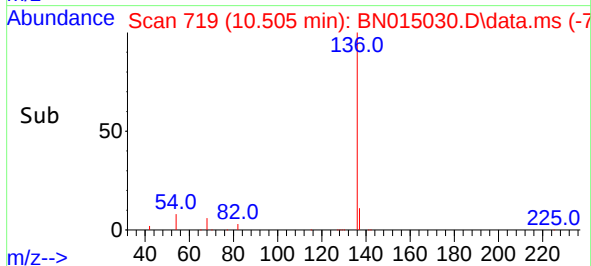
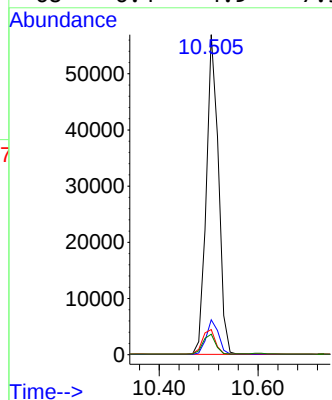
Instrument :
BNA_N
ClientSampleId :
DUP08-20210621



Tgt Ion:	136	Resp:	97185
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	7.8	5.4	8.2
68	6.4	4.9	7.3

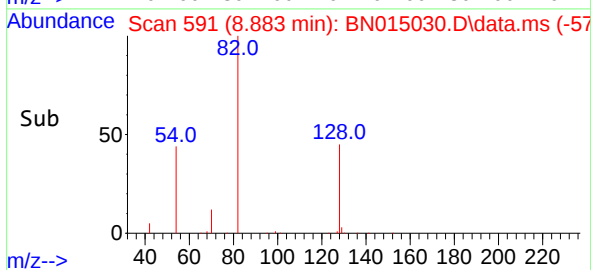
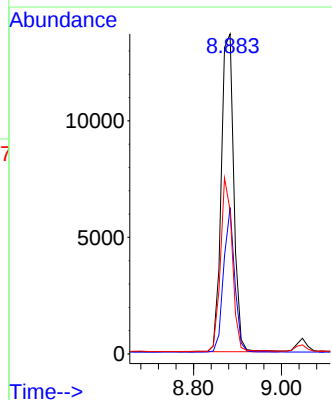
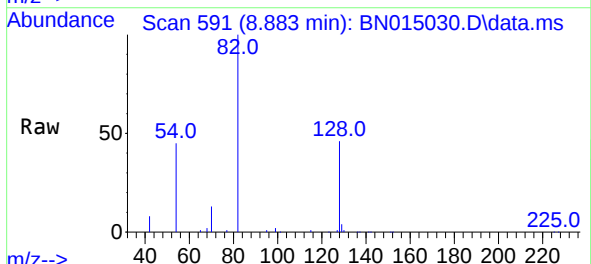
Manual Integrations
APPROVED

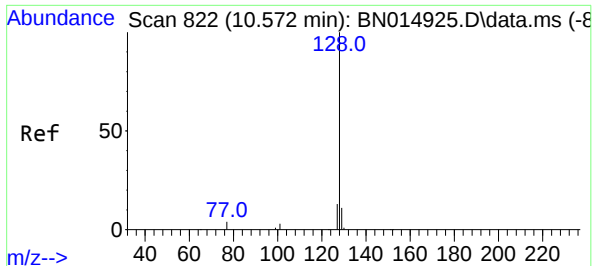
mohammad
6/24/2021 9:53:29 AM



#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.883 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

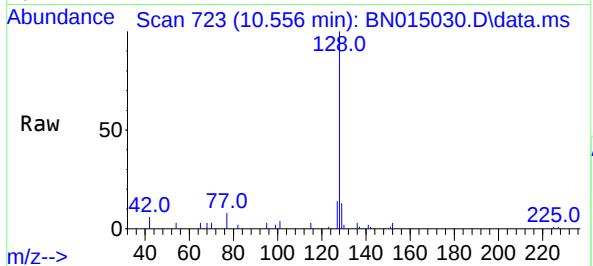
Tgt Ion:	82	Resp:	27083
Ion	Ratio	Lower	Upper
82	100		
128	45.8	31.6	47.4
54	44.8	29.0	43.4





#9
Naphthalene
Concen: 0.027 ng
RT: 10.556 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

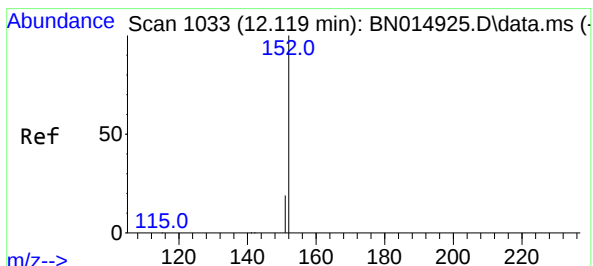
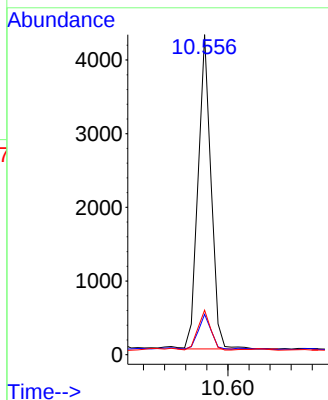
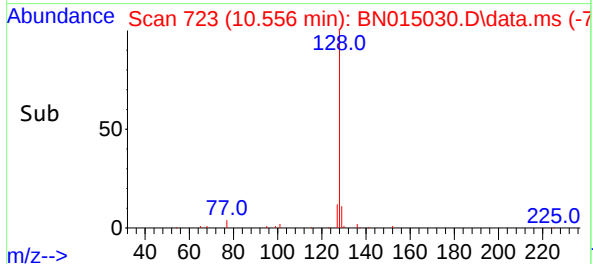
Instrument :
BNA_N
ClientSampleId :
DUP08-20210621



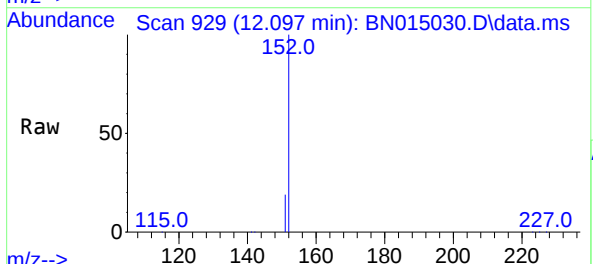
Tgt Ion:	128	Resp:	7276
Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.1	13.7
127	13.9	11.8	17.6

Manual Integrations
APPROVED

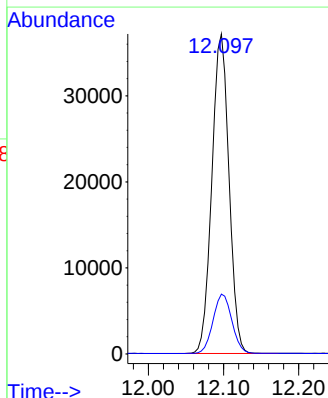
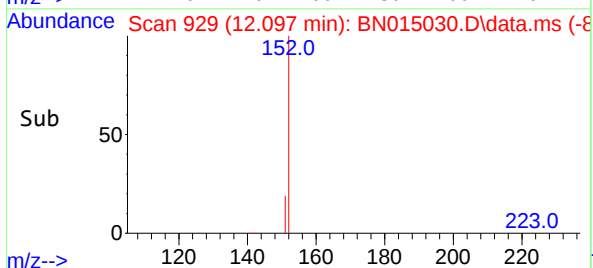
mohammad
6/24/2021 9:53:29 AM

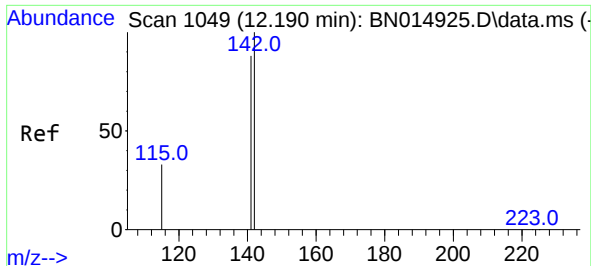


#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 12.097 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36



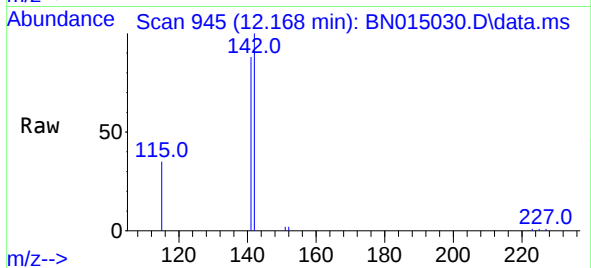
Tgt Ion:	152	Resp:	58728
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1





#12
2-Methylnaphthalene
Concen: 0.034 ng
RT: 12.168 min Scan# 945
Delta R.T. -0.005 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

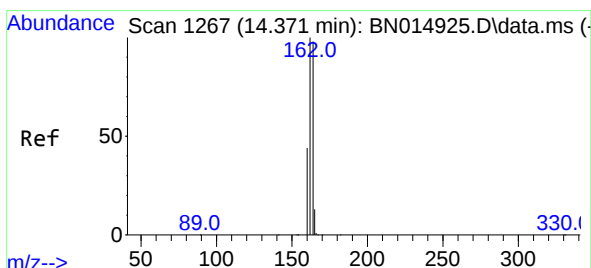
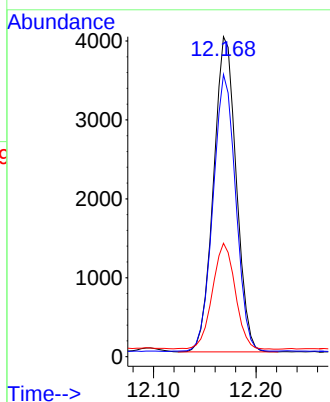
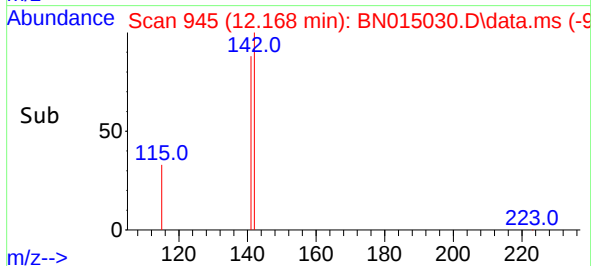
Instrument :
BNA_N
ClientSampleId :
DUP08-20210621



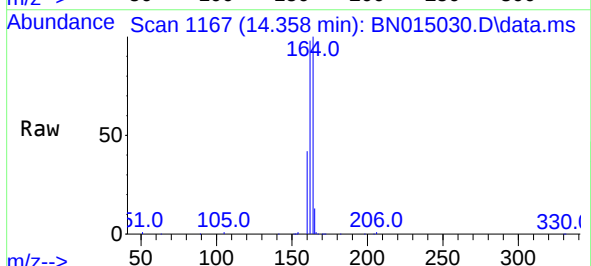
Tgt Ion:142 Resp: 6164
Ion Ratio Lower Upper
142 100
141 88.2 72.3 108.5
115 35.4 40.7 61.1#

Manual Integrations
APPROVED

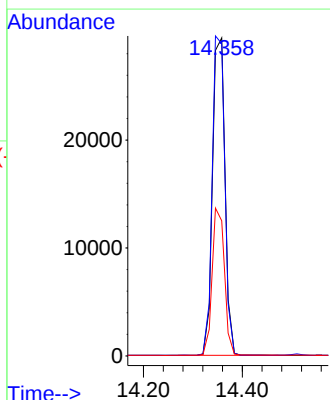
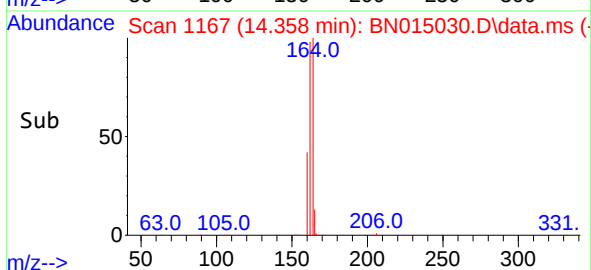
mohammad
6/24/2021 9:53:29 AM

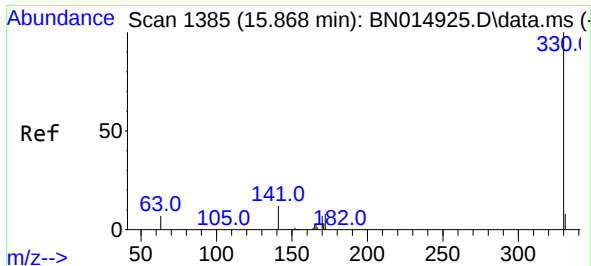


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.358 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36



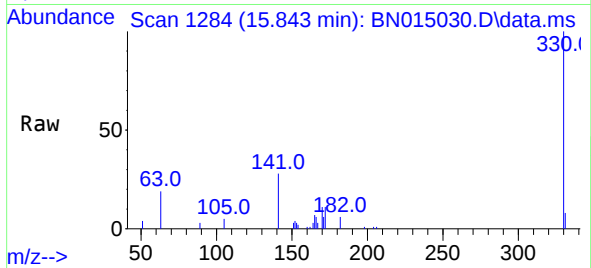
Tgt Ion:164 Resp: 51476
Ion Ratio Lower Upper
164 100
162 98.2 83.8 125.6
160 42.5 37.4 56.0





#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

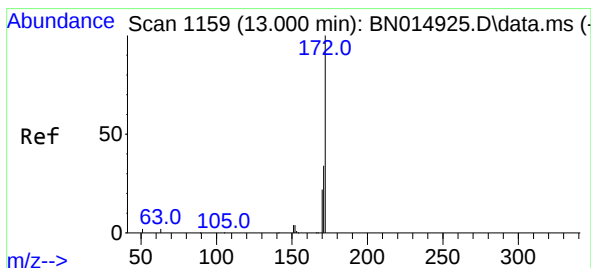
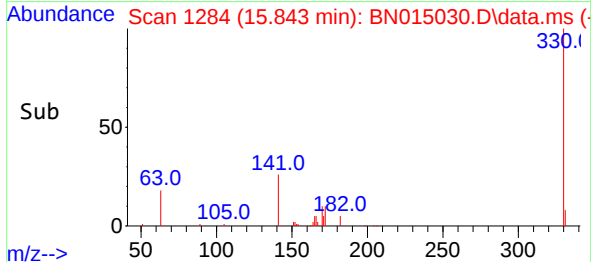
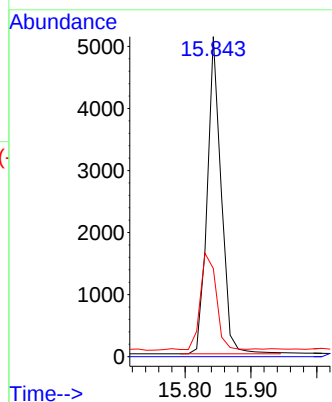
Instrument :
BNA_N
ClientSampleId :
DUP08-20210621



Tgt Ion:330 Resp: 7549
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.6 22.4 33.6#

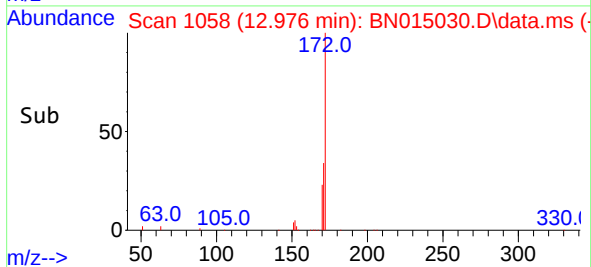
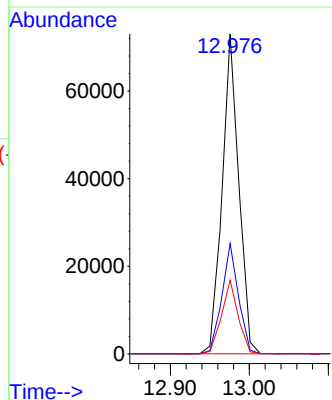
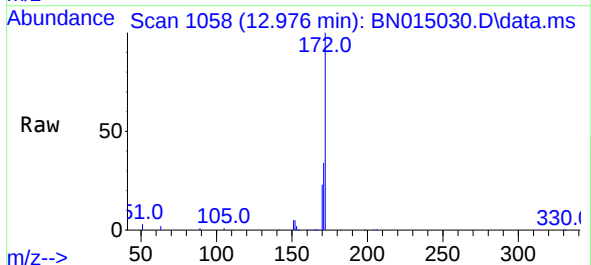
Manual Integrations
APPROVED

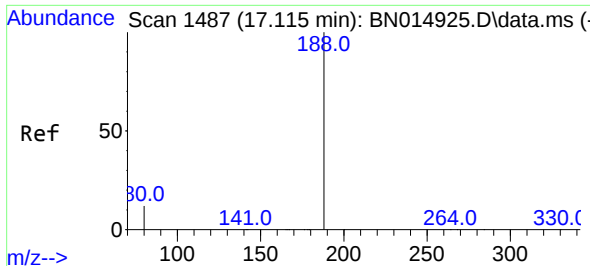
mohammad
6/24/2021 9:53:29 AM



#15
2-Fluorobiphenyl
Concen: 0.546 ng
RT: 12.976 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

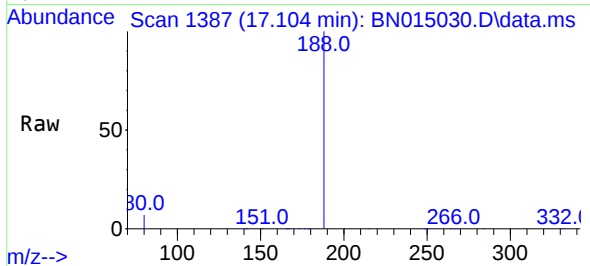
Tgt Ion:172 Resp: 106829
Ion Ratio Lower Upper
172 100
171 34.5 30.6 45.8
170 23.0 20.2 30.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.104 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

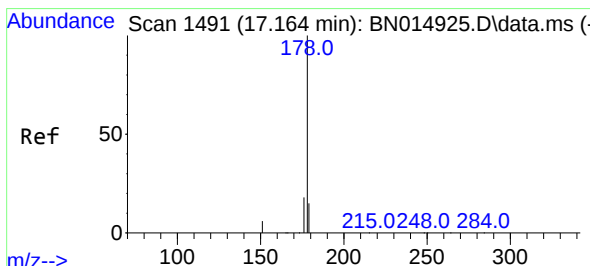
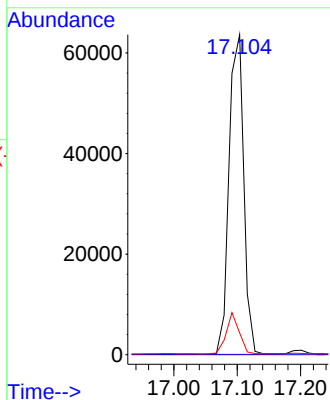
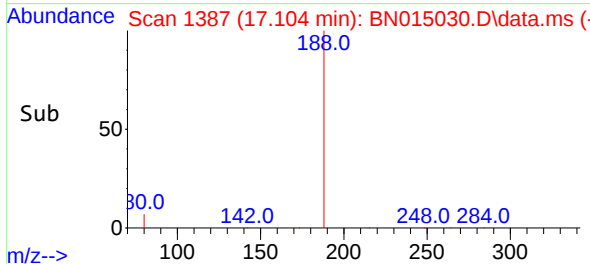
Instrument :
BNA_N
ClientSampleId :
DUP08-20210621



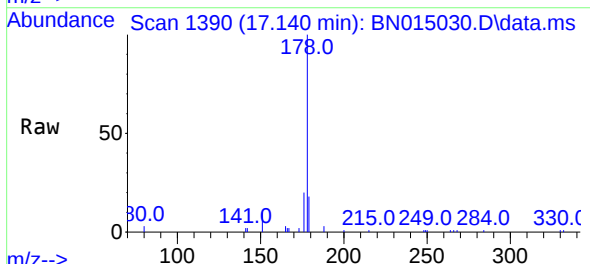
Tgt Ion:188 Resp: 102544
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 9.0 13.4#

Manual Integrations
APPROVED

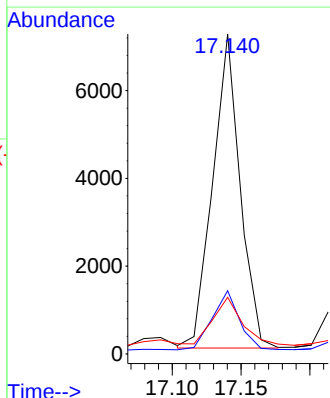
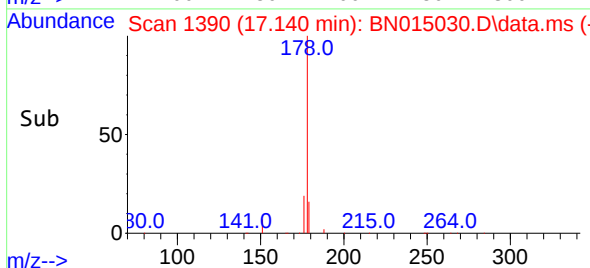
mohammad
6/24/2021 9:53:29 AM

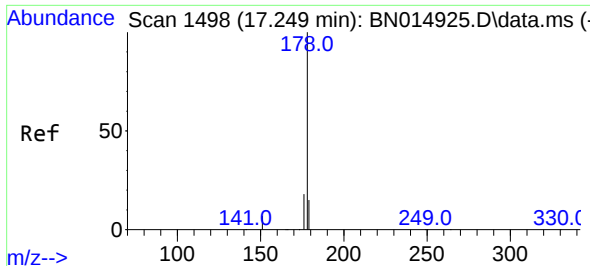


#25
Phenanthrene
Concen: 0.032 ng m
RT: 17.140 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

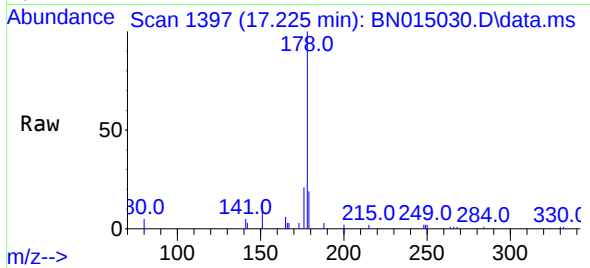


Tgt Ion:178 Resp: 9907
Ion Ratio Lower Upper
178 100
176 11.7 15.6 23.4#
179 9.8 12.1 18.1#

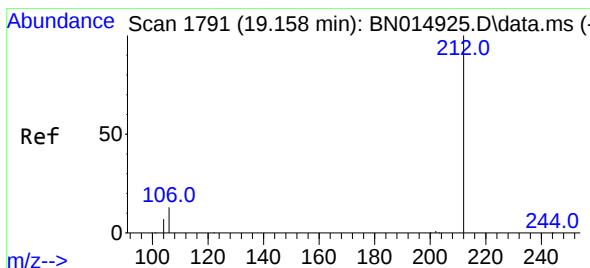
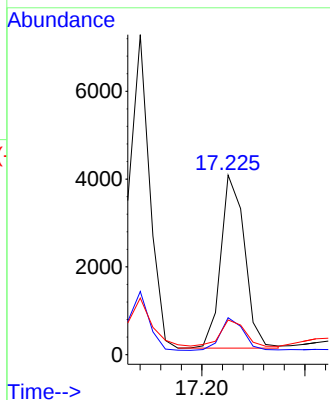
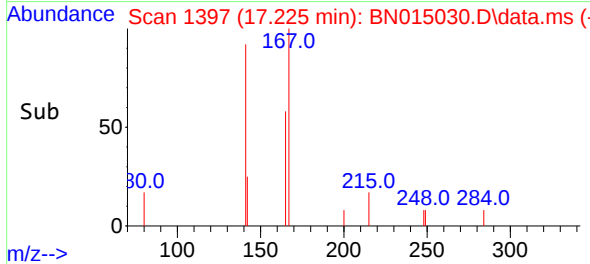




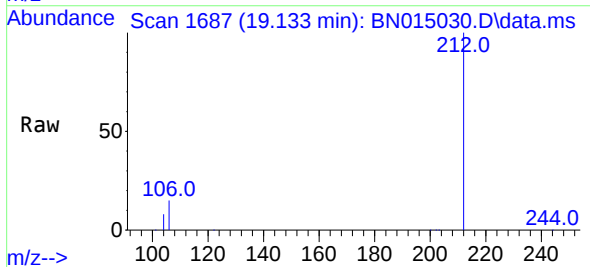
#26
 Anthracene
 Concen: 0.021 ng
 RT: 17.225 min Scan# 1397
 Delta R.T. -0.012 min
 Lab File: BN015030.D
 Acq: 24 Jun 2021 05:36



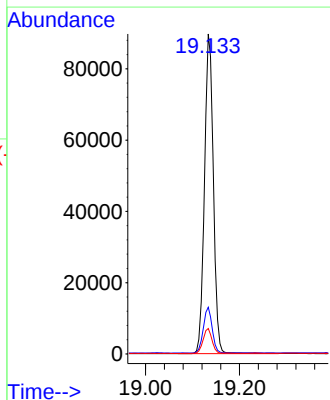
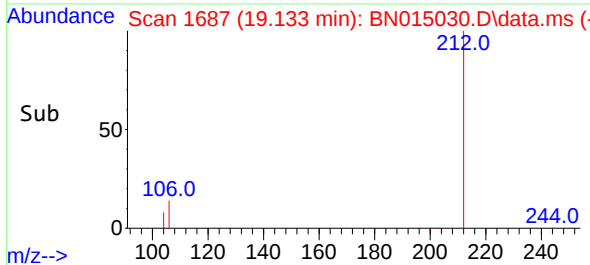
Tgt Ion:178 Resp: 6350
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.1 22.7
 179 15.3 12.2 18.2



#27
 Fluoranthene-d10
 Concen: 0.364 ng
 RT: 19.133 min Scan# 1687
 Delta R.T. -0.005 min
 Lab File: BN015030.D
 Acq: 24 Jun 2021 05:36



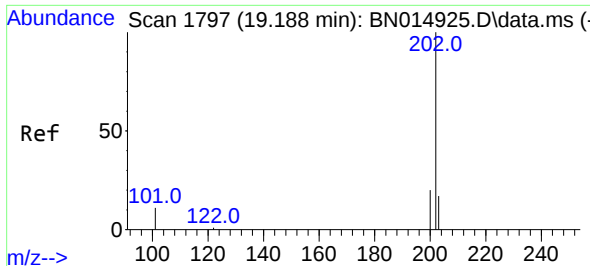
Tgt Ion:212 Resp: 117731
 Ion Ratio Lower Upper
 212 100
 106 14.3 7.0 10.6#
 104 7.9 4.1 6.1#



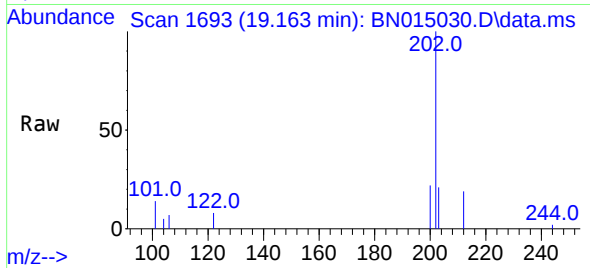
Instrument :
 BNA_N
 ClientSampleId :
 DUP08-20210621

Manual Integrations
 APPROVED

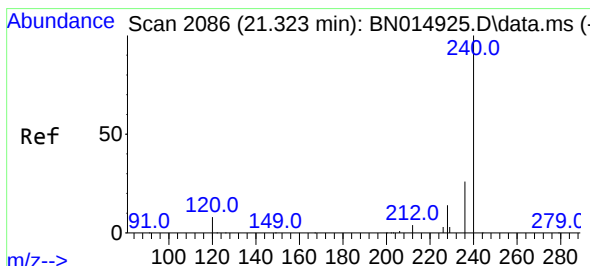
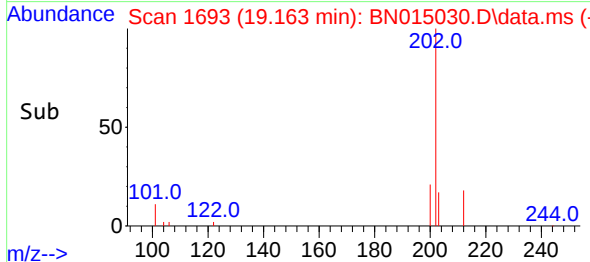
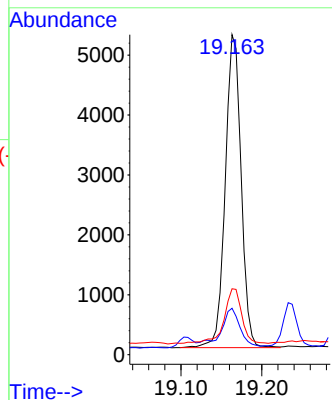
mohammad
 6/24/2021 9:53:29 AM



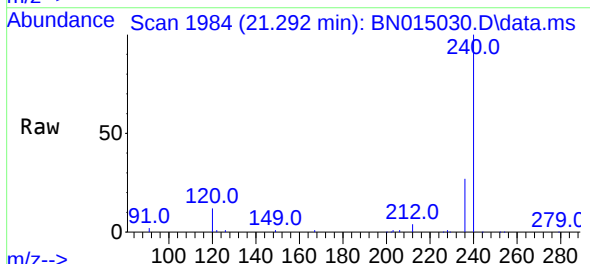
#28
Fluoranthene
Concen: 0.020 ng
RT: 19.163 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36



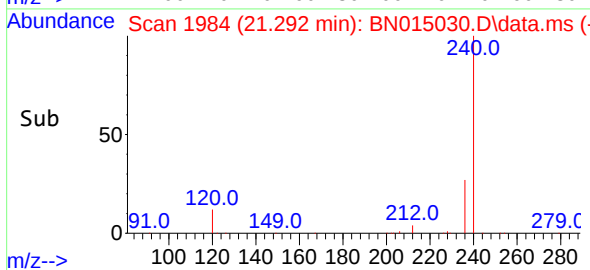
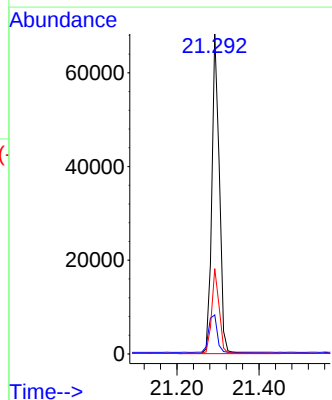
Tgt Ion:202 Resp: 7158
Ion Ratio Lower Upper
202 100
101 13.5 6.6 10.0#
203 20.4 13.9 20.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36



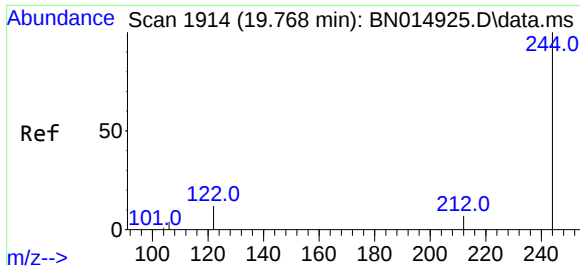
Tgt Ion:240 Resp: 86807
Ion Ratio Lower Upper
240 100
120 12.2 4.2 6.4#
236 26.6 21.4 32.2



Instrument :
BNA_N
ClientSampleId :
DUP08-20210621

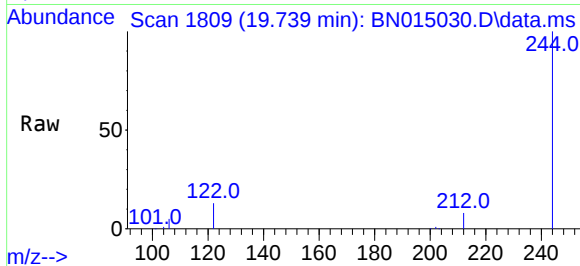
Manual Integrations
APPROVED

mohammad
6/24/2021 9:53:29 AM



#31
Terphenyl-d14
Concen: 0.508 ng
RT: 19.739 min Scan# 1809
Delta R.T. -0.005 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

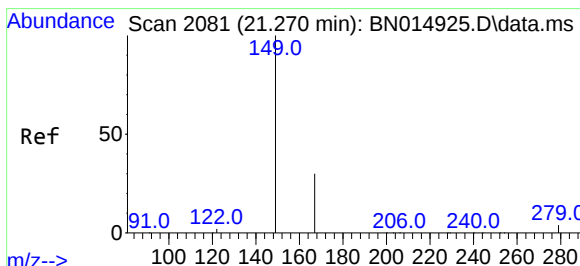
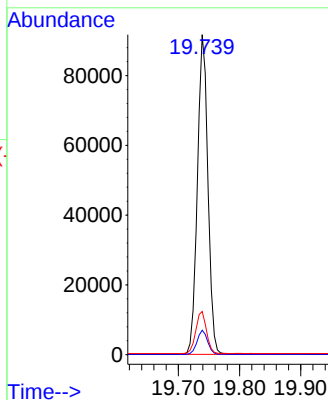
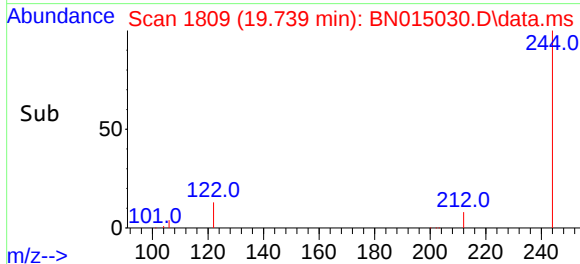
Instrument :
BNA_N
ClientSampleId :
DUP08-20210621



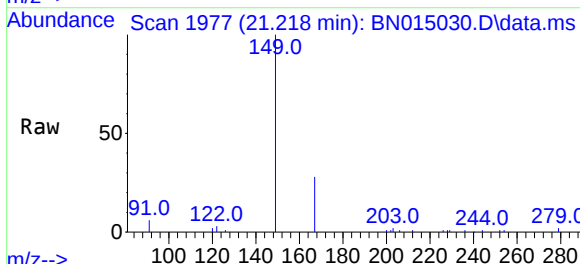
Tgt Ion:244 Resp: 109308
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.5 6.2 9.2#

Manual Integrations
APPROVED

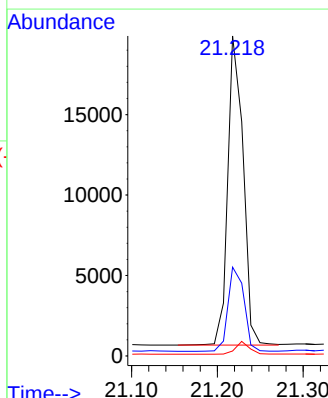
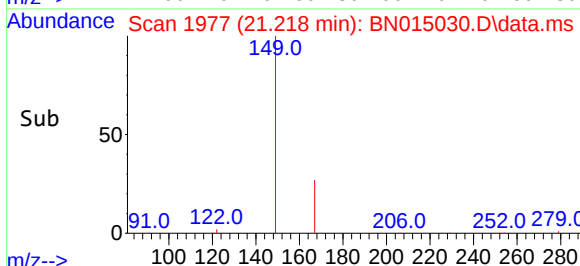
mohammad
6/24/2021 9:53:29 AM

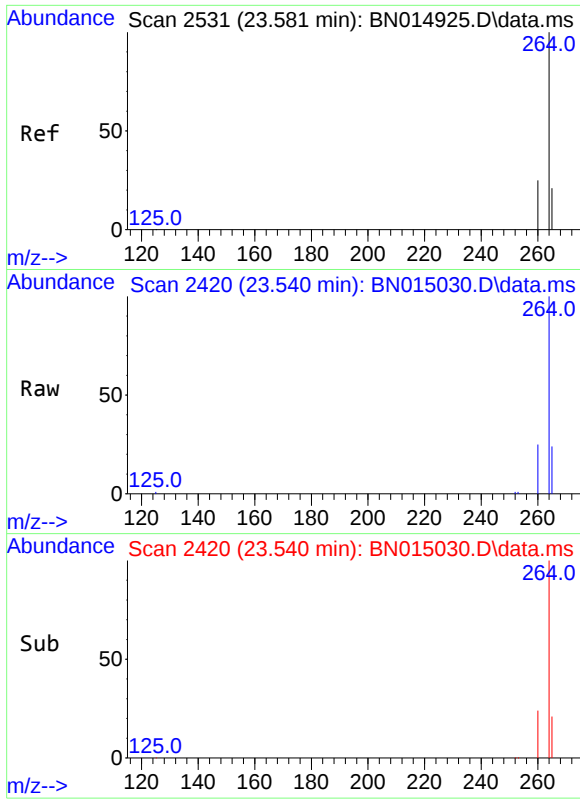


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.104 ng
RT: 21.218 min Scan# 1977
Delta R.T. -0.011 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36



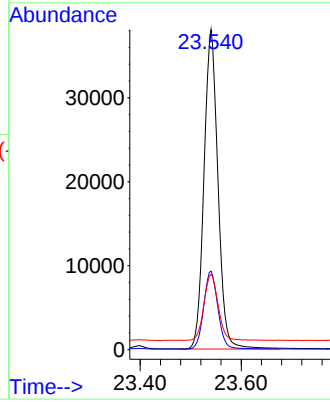
Tgt Ion:149 Resp: 23841
Ion Ratio Lower Upper
149 100
167 28.3 28.9 43.3#
279 3.7 4.9 7.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.540 min Scan# 2420
Delta R.T. -0.014 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

Tgt Ion:	264	Resp:	72944
Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	31.0
265	23.6	21.4	32.2



Instrument :
BNA_N
ClientSampleId :
DUP08-20210621

Manual Integrations
APPROVED

mohammad
6/24/2021 9:53:29 AM