

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
 Data File : BN016399.D
 Acq On : 22 Sep 2021 06:38
 Operator : CG/JU
 Sample : M3781-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20210915

Manual Integrations
 APPROVED

mohammad
 9/22/2021 4:43:14 PM

Quant Time: Sep 22 07:10:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 13:21:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	24509	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	108239	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	55447	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	111335	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	99885	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	90115	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	7138	0.116	ng	0.02
5) Phenol-d6	6.859	99	4918	0.066	ng	0.00
8) Nitrobenzene-d5	8.810	82	20982	0.326	ng	0.00
11) 2-Methylnaphthalene-d10	12.034	152	51528	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	5471	0.336	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	76154	0.351	ng	0.00
27) Fluoranthene-d10	19.088	212	126962	0.394	ng	0.00
31) Terphenyl-d14	19.703	244	116247	0.502	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	12964	1.272	ng	# 93
6) bis(2-Chloroethyl)ether	7.117	93	3323	0.050	ng	93
25) Phenanthrene	17.091	178	13426m	0.043	ng	
34) Bis(2-ethylhexyl)phtha...	21.195	149	27703	0.160	ng	98

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

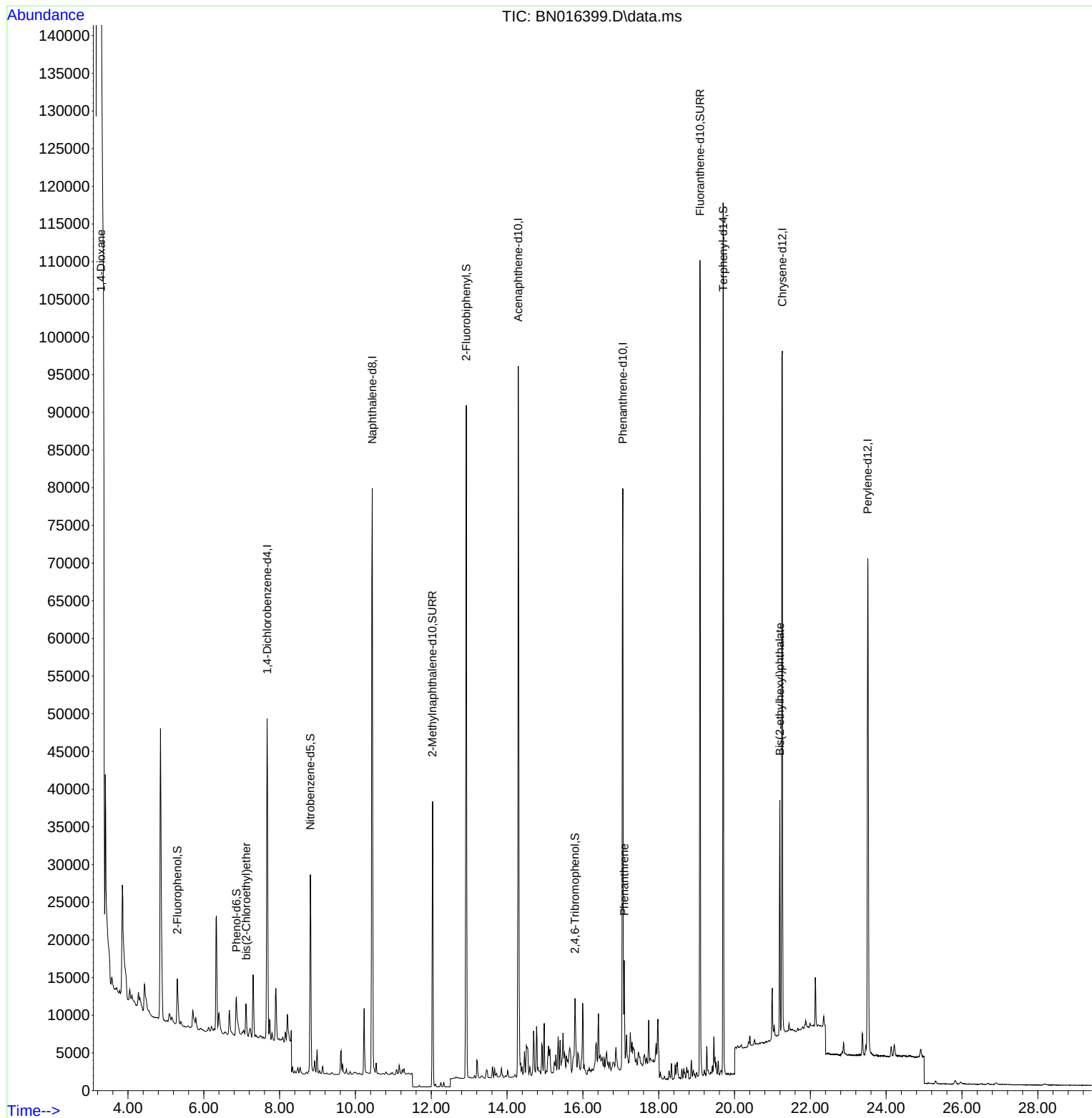
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
Data File : BN016399.D
Acq On : 22 Sep 2021 06:38
Operator : CG/JU
Sample : M3781-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

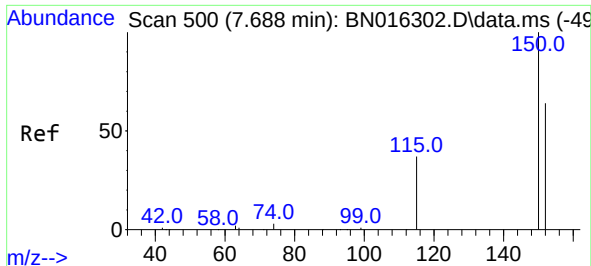
Instrument :
BNA_N
ClientSampleId :
MW179D2-20210915

Manual Integrations
APPROVED

mohammad
9/22/2021 4:43:14 PM

Quant Time: Sep 22 07:10:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 13:21:55 2021
Response via : Initial Calibration





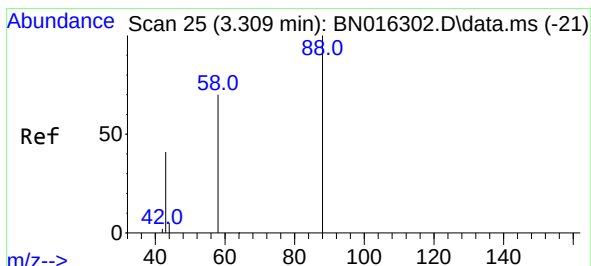
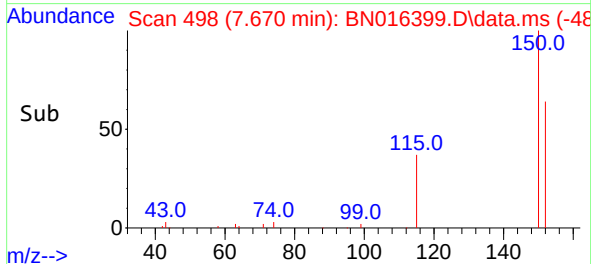
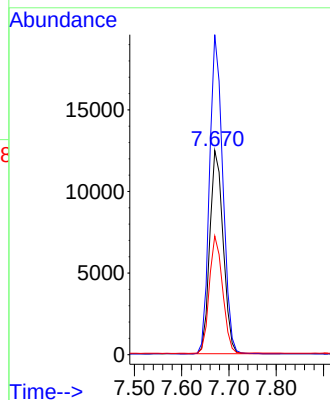
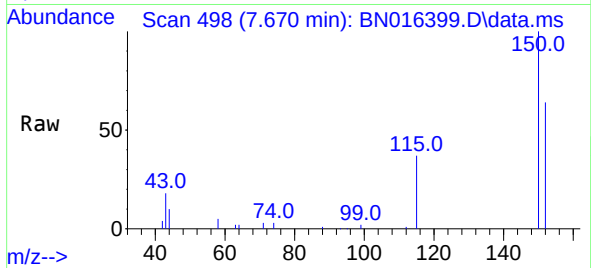
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. -0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion: 152 Resp: 24509
Ion Ratio Lower Upper
152 100
150 156.7 125.6 188.4
115 58.2 50.2 75.2

Instrument :
BNA_N
ClientSampleId :
MW179D2-20210915

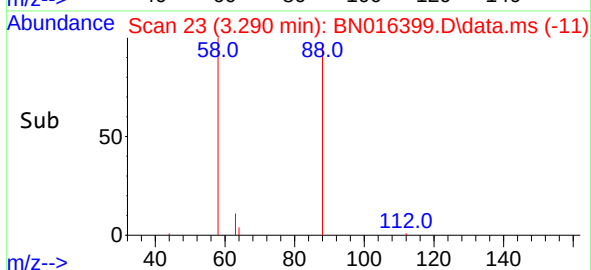
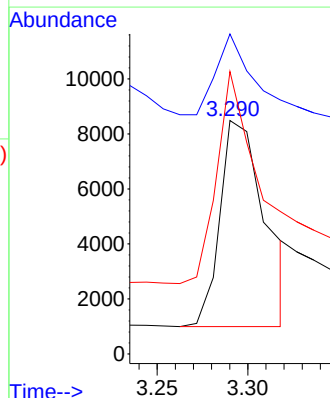
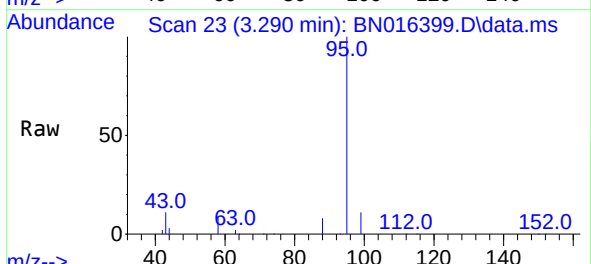
Manual Integrations
APPROVED

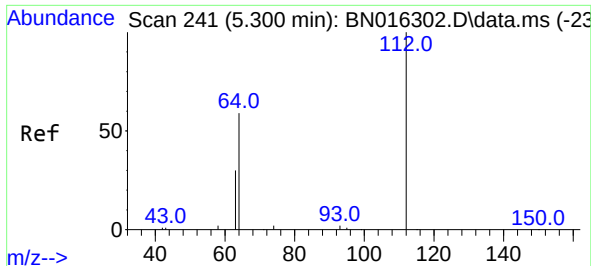
mohammad
9/22/2021 4:43:14 PM



#2
1,4-Dioxane
Concen: 1.272 ng
RT: 3.290 min Scan# 23
Delta R.T. 0.010 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion: 88 Resp: 12964
Ion Ratio Lower Upper
88 100
43 31.0 20.3 30.5#
58 92.2 69.9 104.9





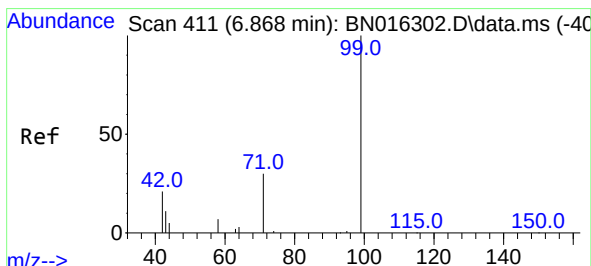
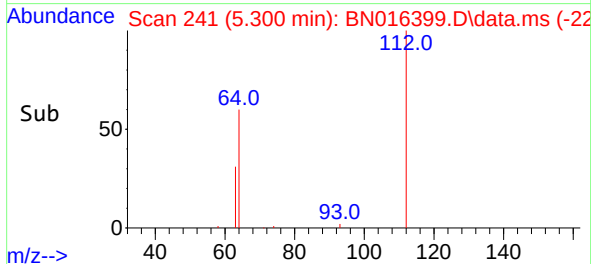
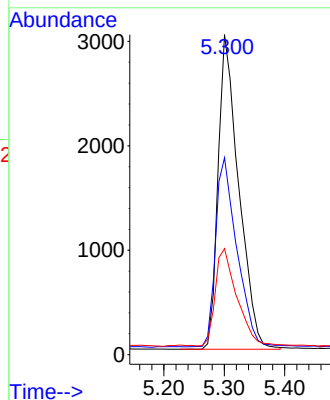
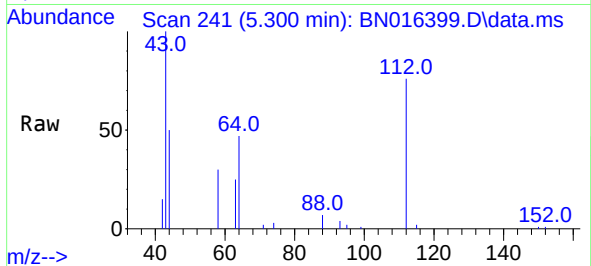
#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion: 112 Resp: 7138
Ion Ratio Lower Upper
112 100
64 62.0 47.3 70.9
63 32.5 23.4 35.0

Instrument :
BNA_N
ClientSampleId :
MW179D2-20210915

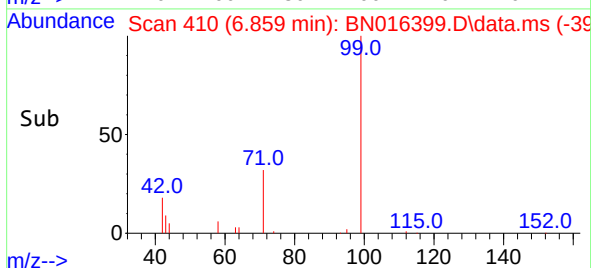
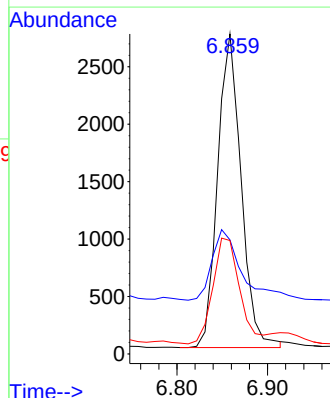
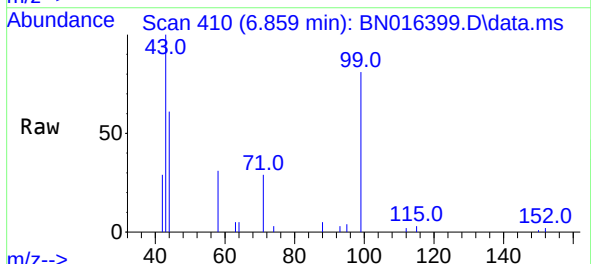
Manual Integrations
APPROVED

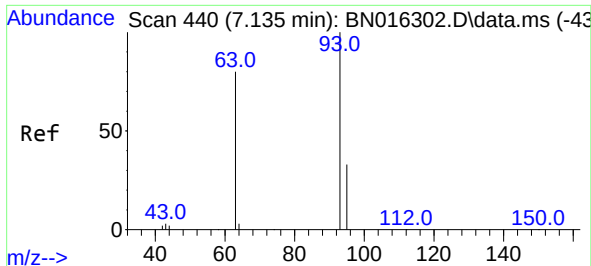
mohammad
9/22/2021 4:43:14 PM



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.010 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion: 99 Resp: 4918
Ion Ratio Lower Upper
99 100
42 27.5 14.0 21.0#
71 38.6 23.8 35.6#





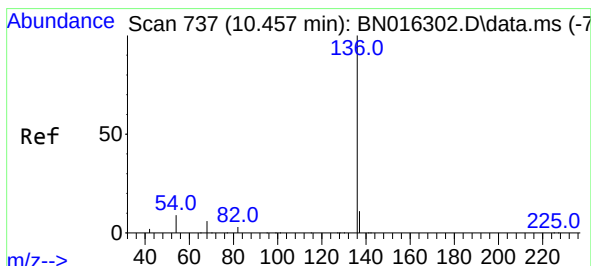
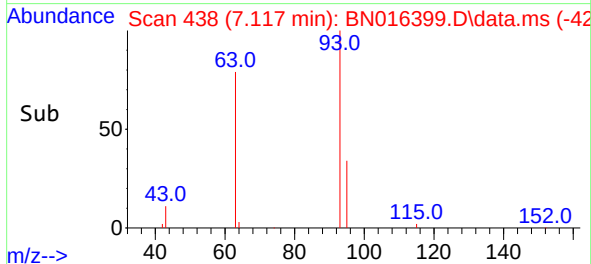
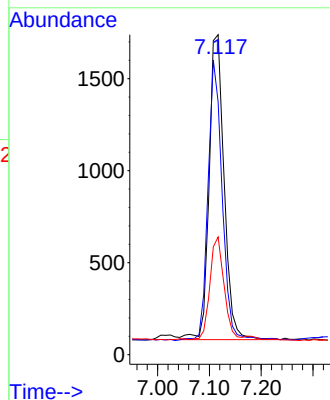
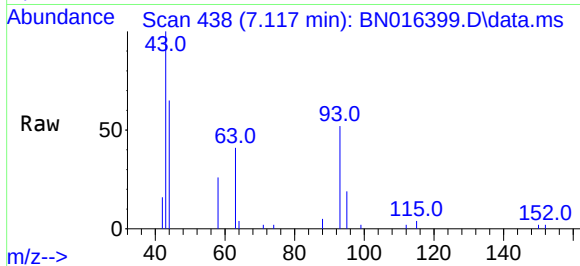
#6
bis(2-Chloroethyl)ether
Concen: 0.050 ng
RT: 7.117 min Scan# 438
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion: 93	Resp: 3323
Ion Ratio	Lower Upper
93 100	
63 87.0	63.4 95.0
95 31.8	26.8 40.2

Instrument :
BNA_N
ClientSampleId :
MW179D2-20210915

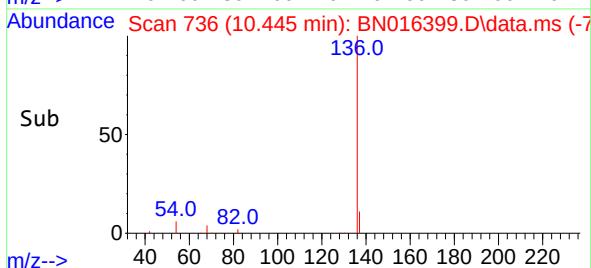
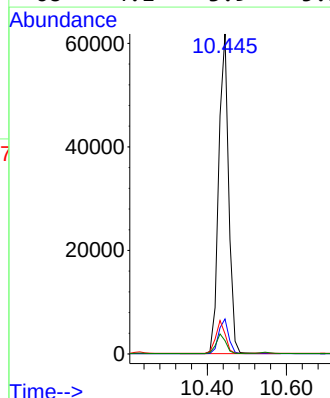
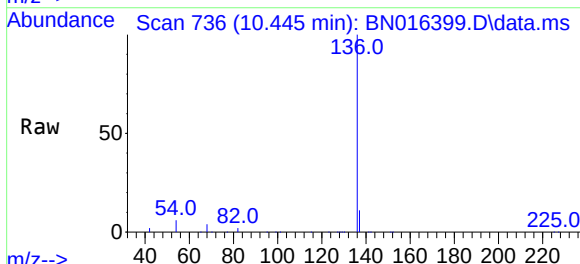
Manual Integrations
APPROVED

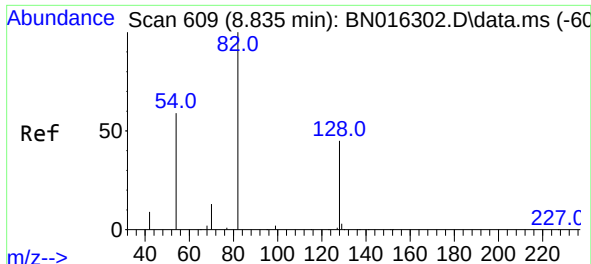
mohammad
9/22/2021 4:43:14 PM



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

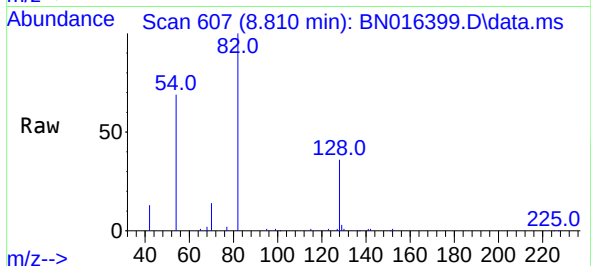
Tgt	Ion:136	Resp:	108239
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.3	5.3	7.9
68	4.1	3.9	5.9





#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

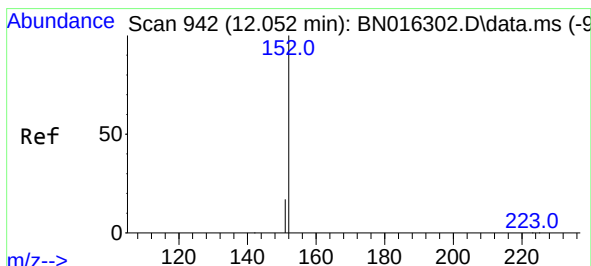
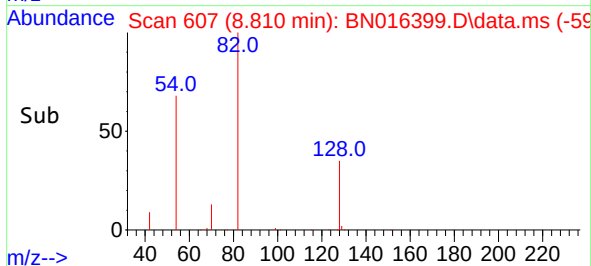
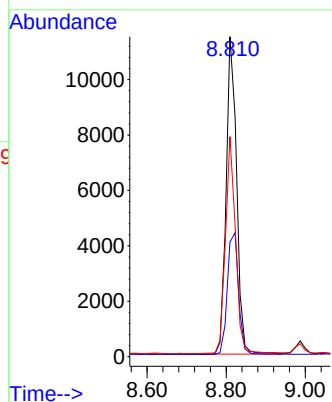
Instrument :
BNA_N
ClientSampleId :
MW179D2-20210915



Tgt Ion: 82 Resp: 20982
Ion Ratio Lower Upper
82 100
128 35.8 31.7 47.5
54 68.8 46.4 69.6

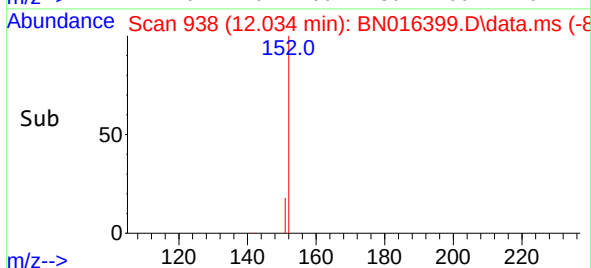
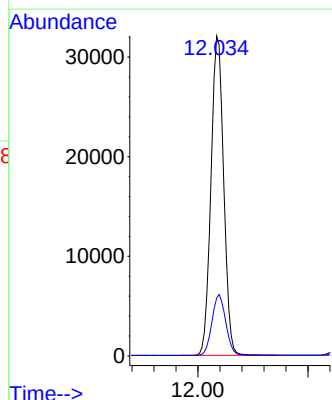
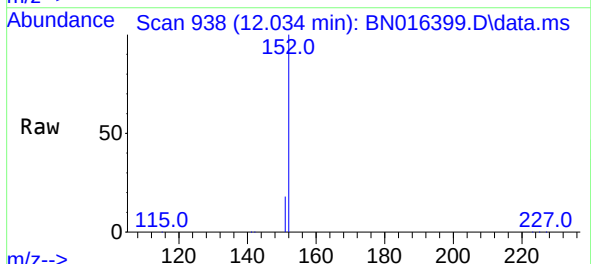
Manual Integrations
APPROVED

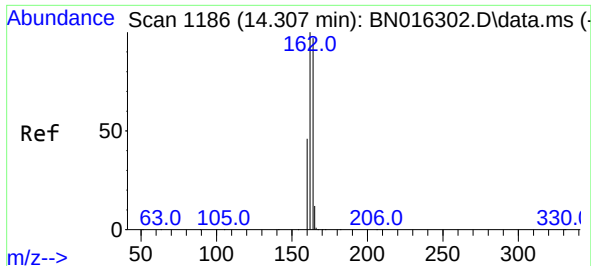
mohammad
9/22/2021 4:43:14 PM



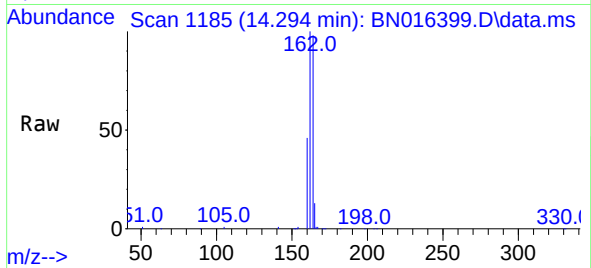
#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.034 min Scan# 938
Delta R.T. -0.004 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion: 152 Resp: 51528
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1

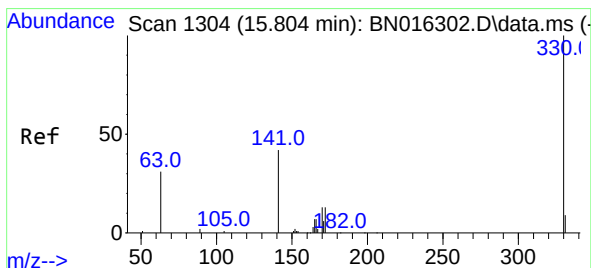
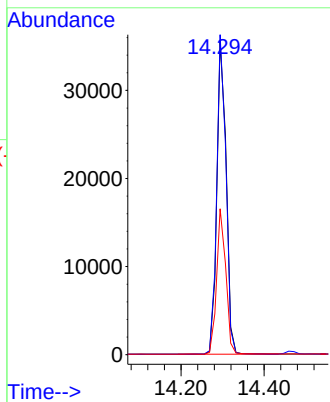
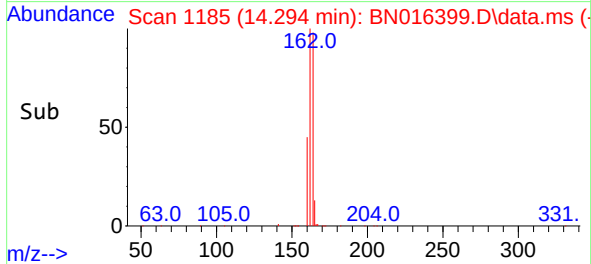




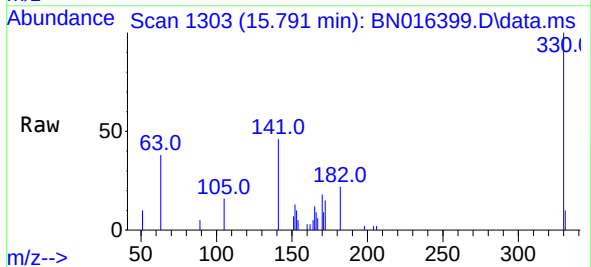
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38



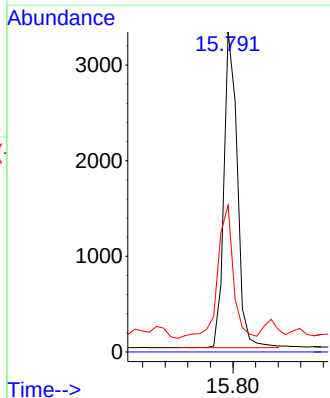
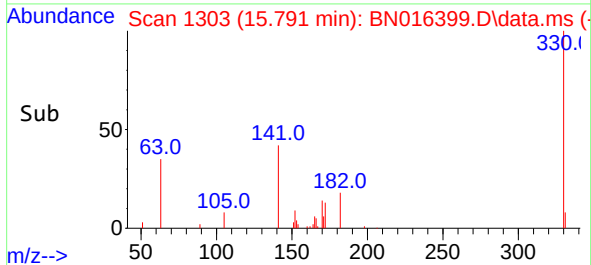
Tgt Ion:164 Resp: 55447
Ion Ratio Lower Upper
164 100
162 102.1 79.0 118.4
160 46.6 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38



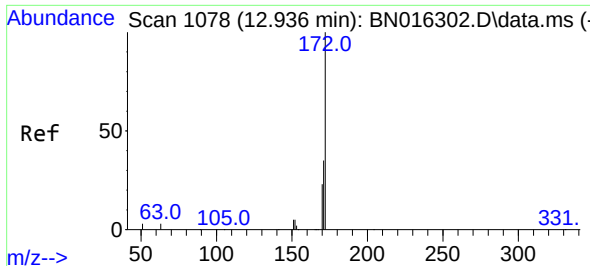
Tgt Ion:330 Resp: 5471
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 49.2 25.0 37.4#



Instrument :
BNA_N
ClientSampleId :
MW179D2-20210915

Manual Integrations
APPROVED

mohammad
9/22/2021 4:43:14 PM



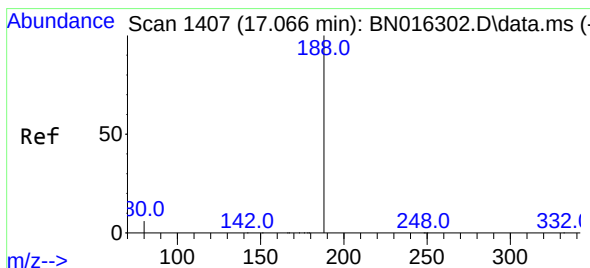
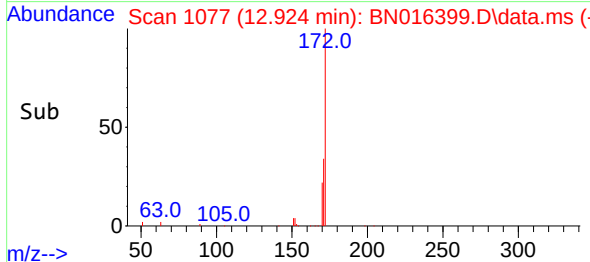
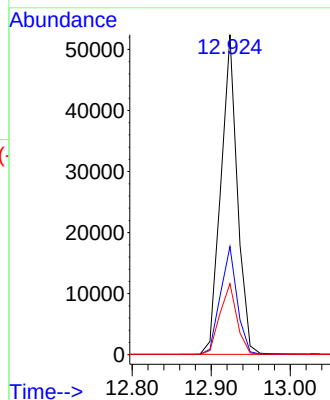
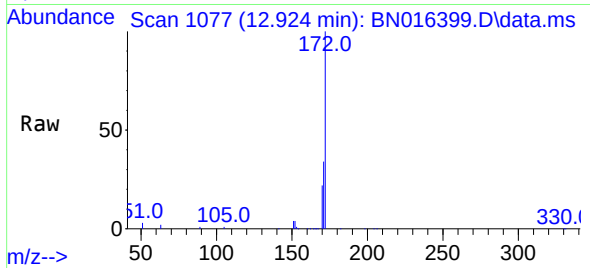
#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion:	172	Resp:	76154
Ion Ratio	Lower	Upper	
172	100		
171	33.8	27.8	41.6
170	22.2	18.2	27.2

Instrument :
BNA_N
ClientSampleId :
MW179D2-20210915

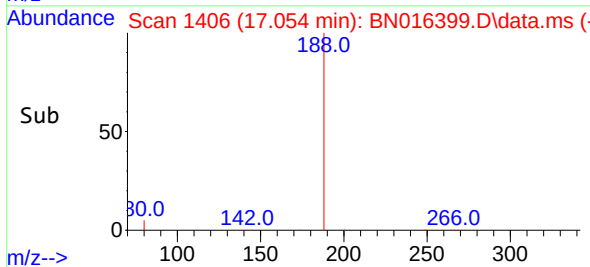
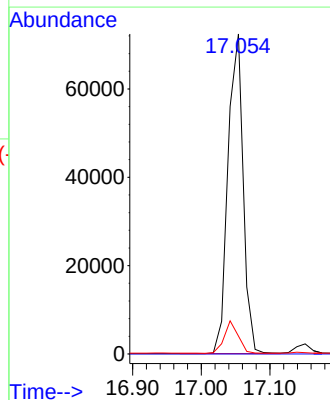
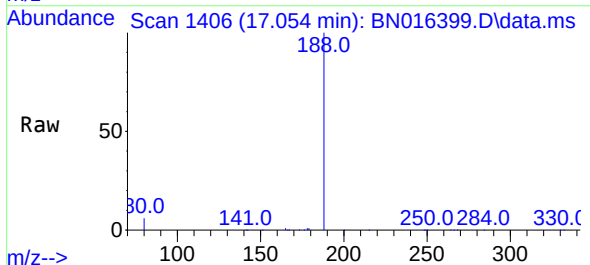
Manual Integrations
APPROVED

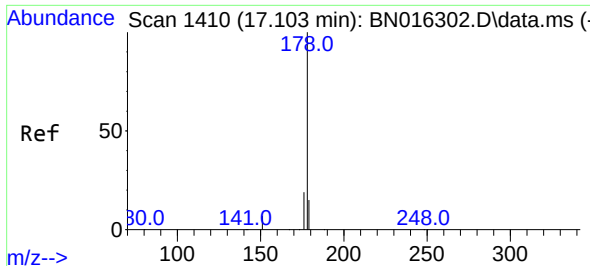
mohammad
9/22/2021 4:43:14 PM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion:	188	Resp:	111335
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	5.6	7.0	10.6





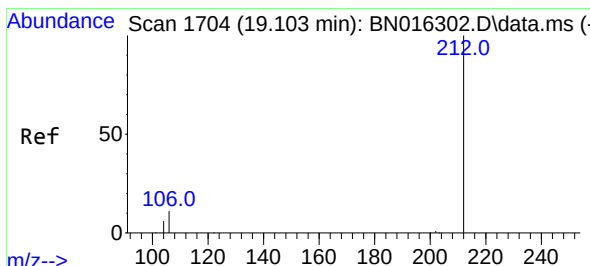
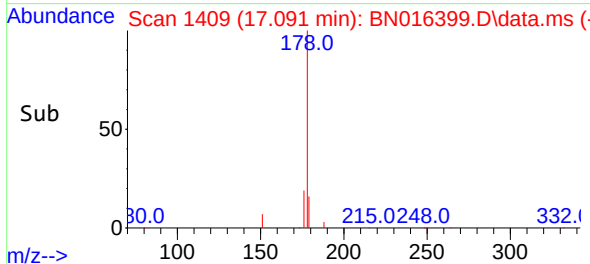
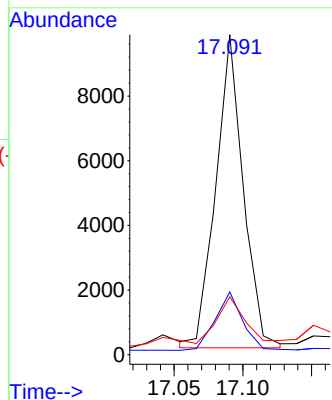
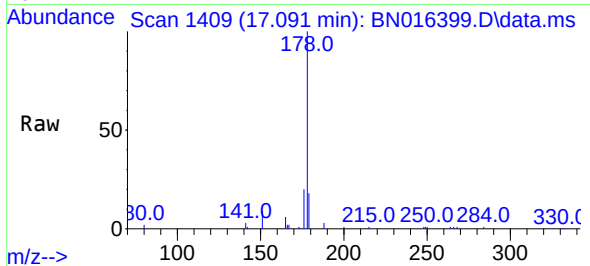
#25
Phenanthrene
Concen: 0.043 ng m
RT: 17.091 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion:	178	Resp:	13426
Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.4	21.6
179	25.0	12.2	18.4#

Instrument :
BNA_N
ClientSampleId :
MW179D2-20210915

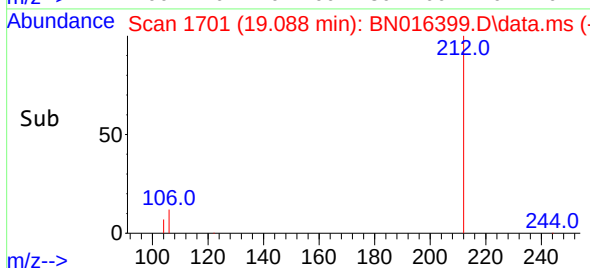
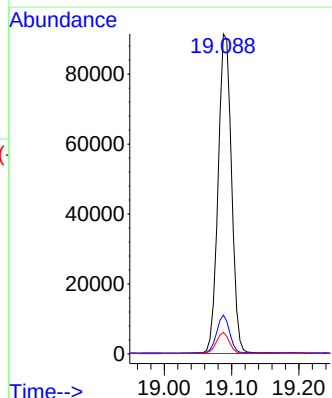
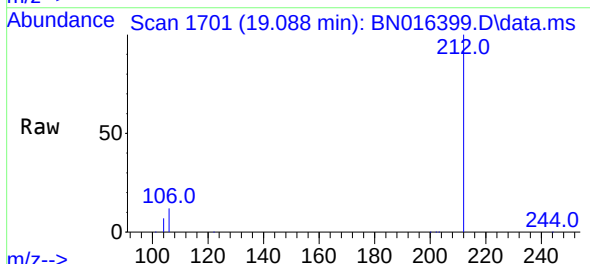
Manual Integrations
APPROVED

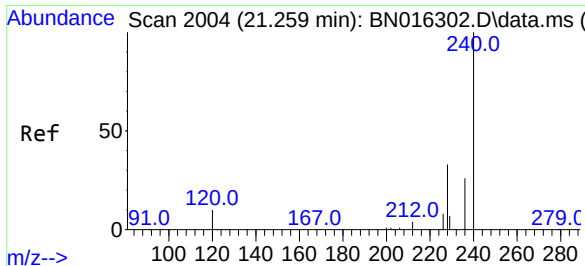
mohammad
9/22/2021 4:43:14 PM



#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion:	212	Resp:	126962
Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.8	14.6
104	6.3	5.4	8.2





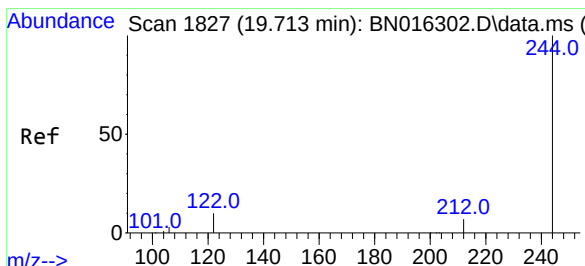
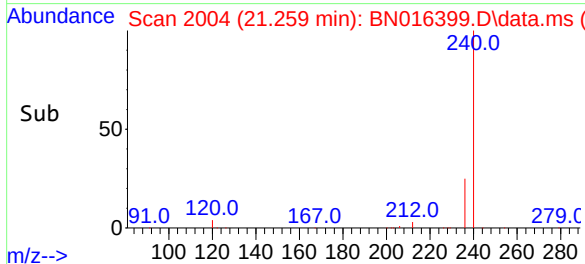
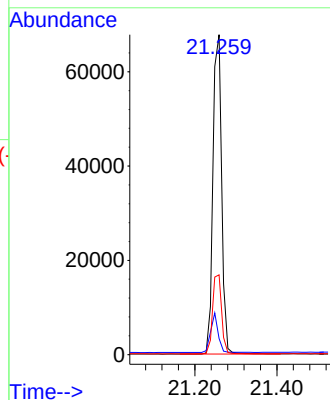
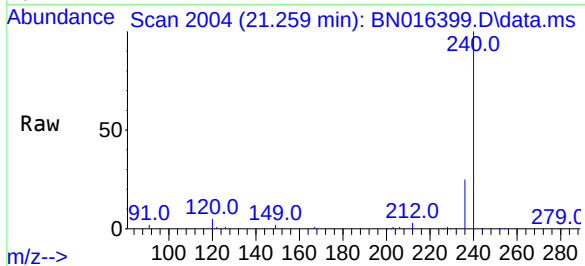
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion:240 Resp: 99885
Ion Ratio Lower Upper
240 100
120 5.0 5.3 7.9#
236 25.0 19.8 29.8

Instrument :
BNA_N
ClientSampleId :
MW179D2-20210915

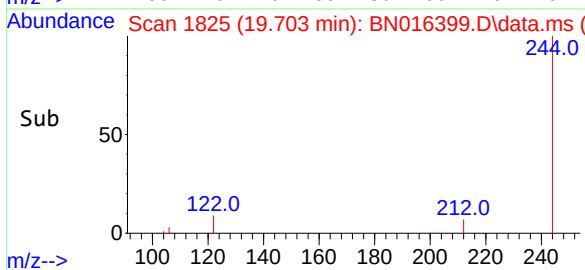
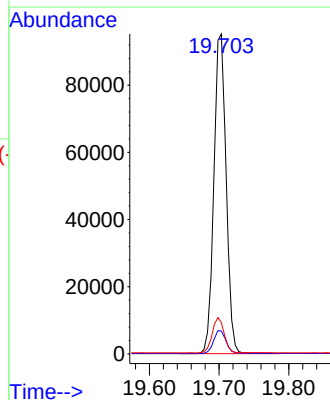
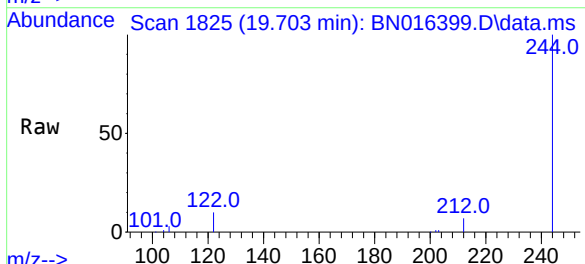
Manual Integrations
APPROVED

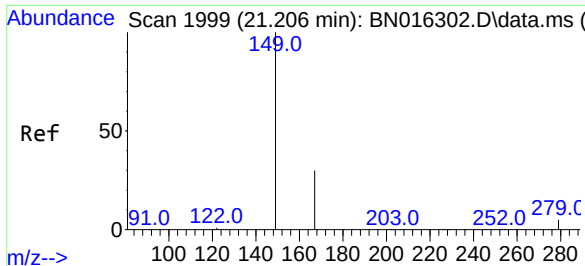
mohammad
9/22/2021 4:43:14 PM



#31
Terphenyl-d14
Concen: 0.502 ng
RT: 19.703 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion:244 Resp: 116247
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 9.8 9.0 13.4





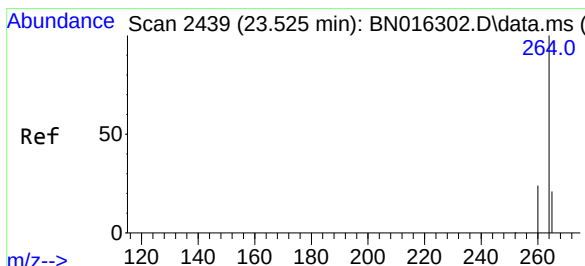
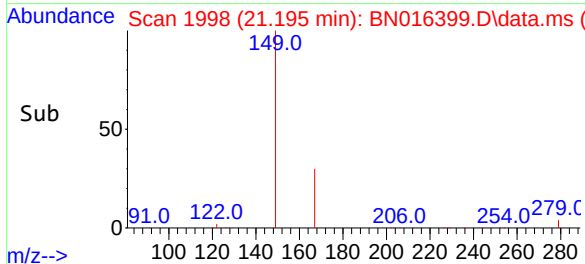
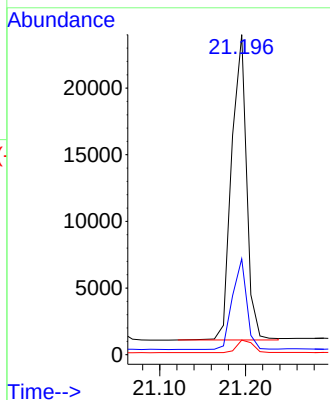
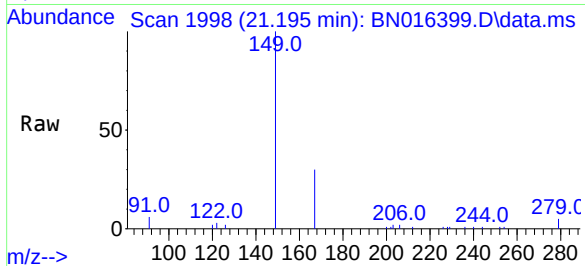
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.160 ng
RT: 21.195 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion:149 Resp: 27703
Ion Ratio Lower Upper
149 100
167 28.3 23.4 35.0
279 4.5 3.9 5.9

Instrument :
BNA_N
ClientSampleId :
MW179D2-20210915

Manual Integrations
APPROVED

mohammad
9/22/2021 4:43:14 PM



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.515 min Scan# 2436
Delta R.T. -0.007 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion:264 Resp: 90115
Ion Ratio Lower Upper
264 100
260 24.6 18.9 28.3
265 26.4 23.7 35.5

