

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016458.D
 Acq On : 25 Sep 2021 04:49
 Operator : CG/JU
 Sample : M3782-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210914

Manual Integrations
 APPROVED

mohammad
 9/27/2021 3:03:20 PM

Quant Time: Sep 25 06:08:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	21300	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	94465	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	51686	0.40	ng	0.00
19) Phenanthrene-d10	17.042	188	104271	0.40	ng	0.00
29) Chrysene-d12	21.249	240	103742	0.40	ng	# 0.00
35) Perylene-d12	23.515	264	92047	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	4603	0.10	ng	0.02
5) Phenol-d6	6.849	99	3065	0.05	ng	0.00
8) Nitrobenzene-d5	8.810	82	20330	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	43118	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3177	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	56690	0.26	ng	-0.01
27) Fluoranthene-d10	19.088	212	113365	0.40	ng	0.00
31) Terphenyl-d14	19.698	244	91922	0.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	63899m	7.00	ng	
6) bis(2-Chloroethyl)ether	7.108	93	2600	0.05	ng	92
24) Pentachlorophenol	16.701	266	61	0.25	ng	99
34) Bis(2-ethylhexyl)phtha...	21.185	149	28977	0.35	ng	98

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

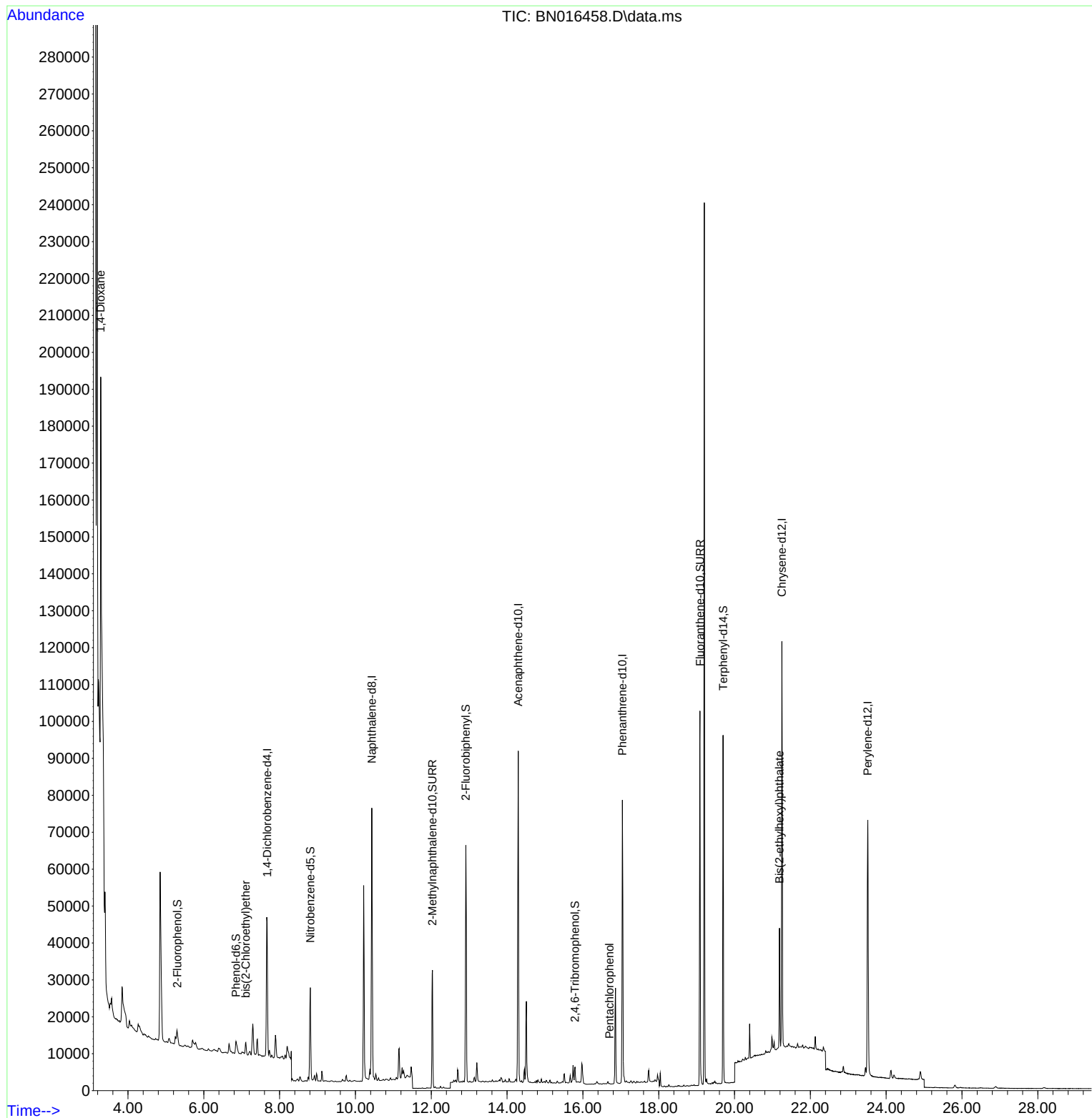
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016458.D
Acq On : 25 Sep 2021 04:49
Operator : CG/JU
Sample : M3782-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

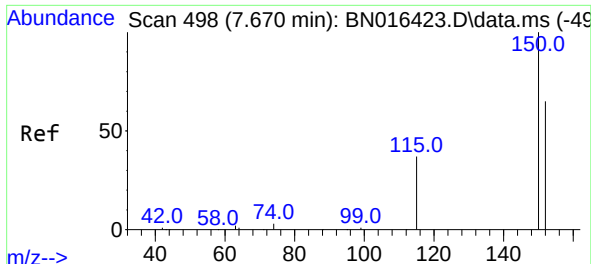
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210914

Manual Integrations
APPROVED

mohammad
9/27/2021 3:03:20 PM

Quant Time: Sep 25 06:08:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016458.D
 Acq: 25 Sep 2021 04:49

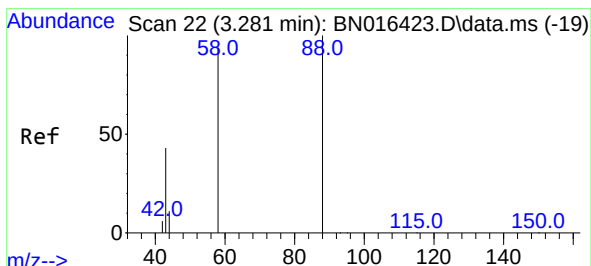
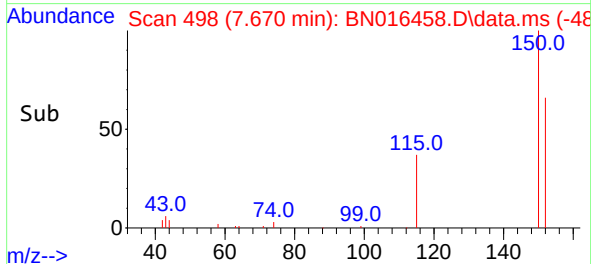
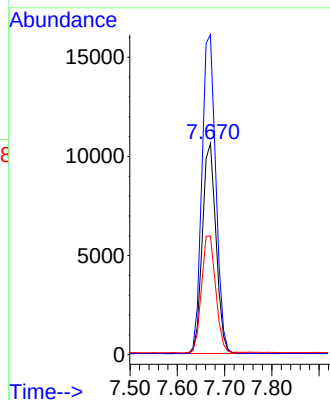
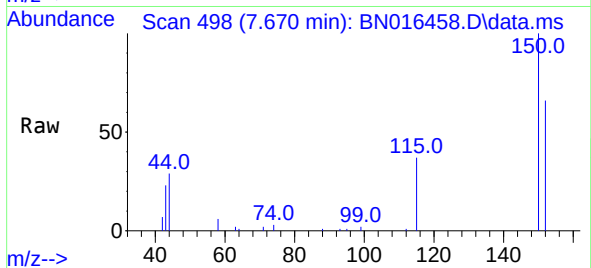
Tgt Ion: 152 Resp: 21300

Ion	Ratio	Lower	Upper
152	100		
150	151.5	125.6	188.4
115	56.1	50.2	75.2

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210914

Manual Integrations
 APPROVED

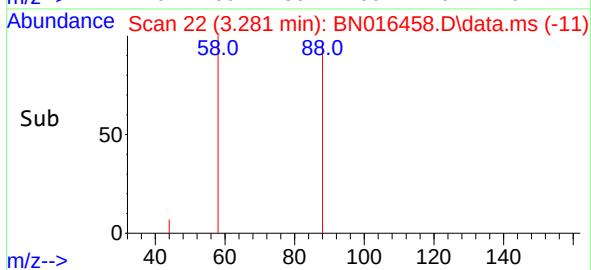
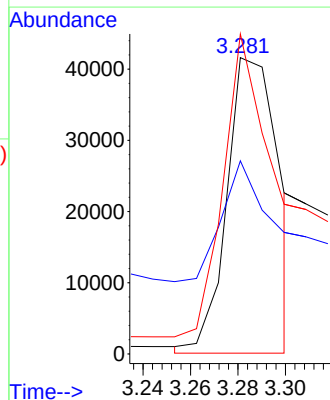
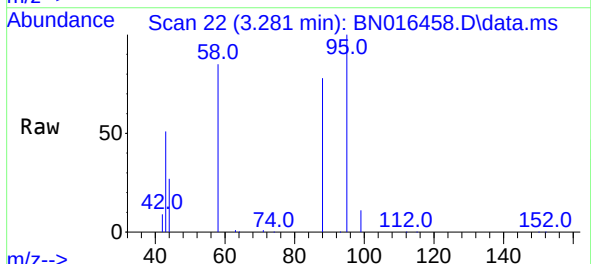
mohammad
 9/27/2021 3:03:20 PM

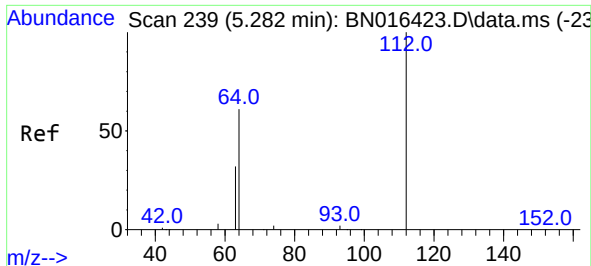


#2
 1,4-Dioxane
 Concen: 7.00 ng m
 RT: 3.281 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN016458.D
 Acq: 25 Sep 2021 04:49

Tgt Ion: 88 Resp: 63899

Ion	Ratio	Lower	Upper
88	100		
43	46.4	20.3	30.5#
58	122.0	69.9	104.9#





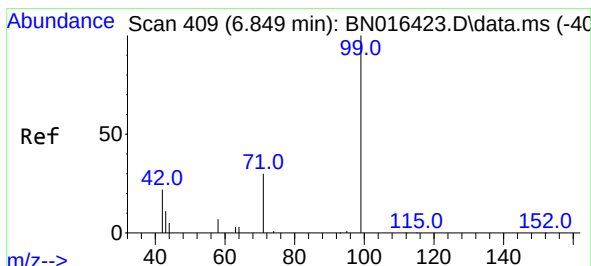
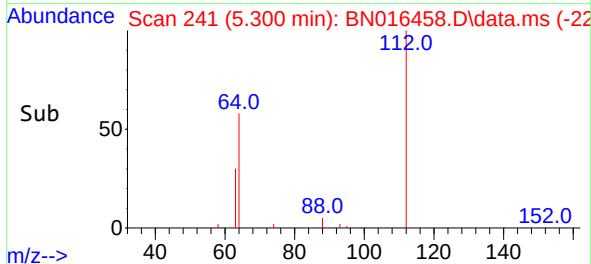
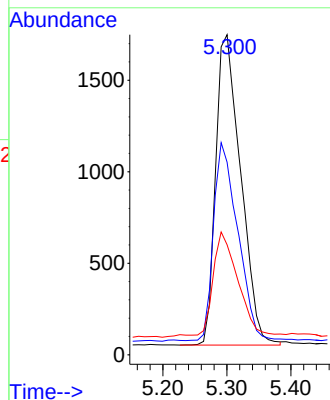
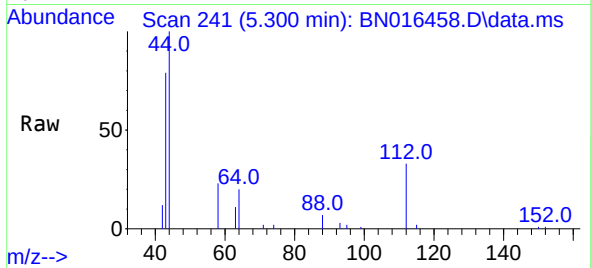
#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion: 112 Resp: 4603
Ion Ratio Lower Upper
112 100
64 61.9 47.3 70.9
63 35.0 23.4 35.0

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210914

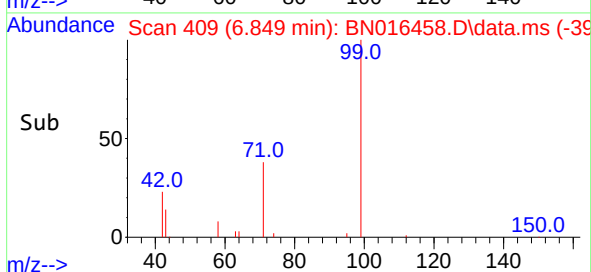
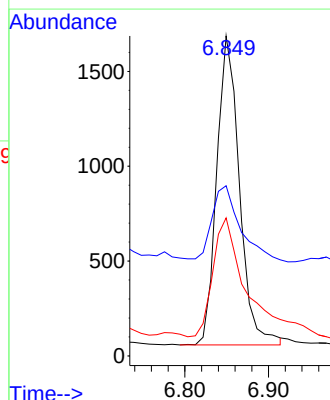
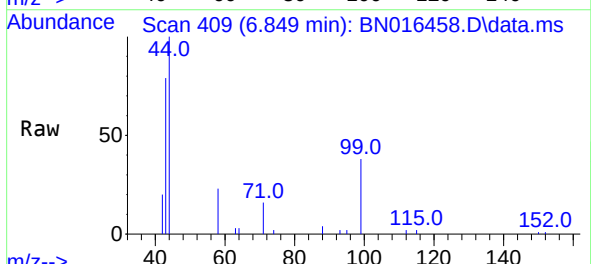
Manual Integrations
APPROVED

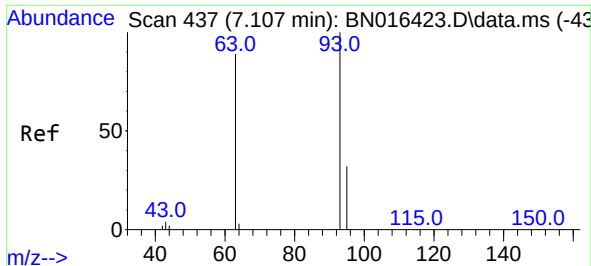
mohammad
9/27/2021 3:03:20 PM



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion: 99 Resp: 3065
Ion Ratio Lower Upper
99 100
42 29.0 14.0 21.0#
71 53.6 23.8 35.6#





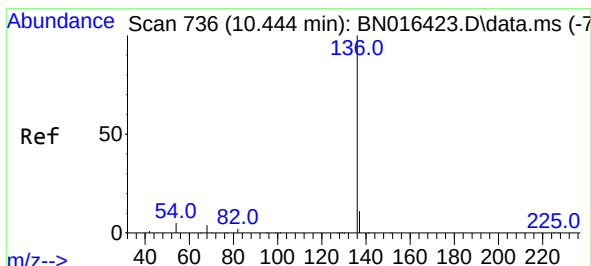
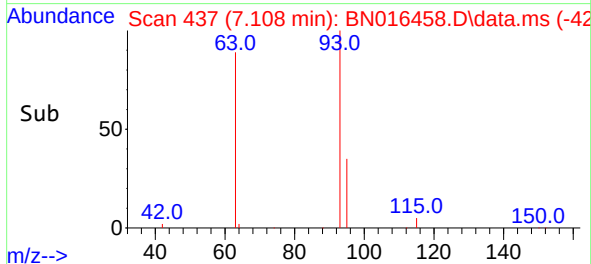
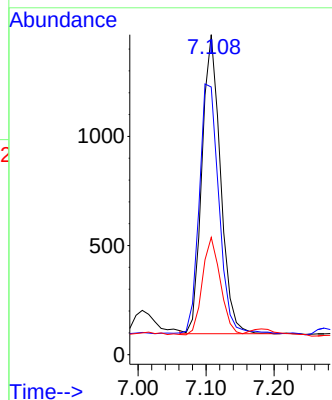
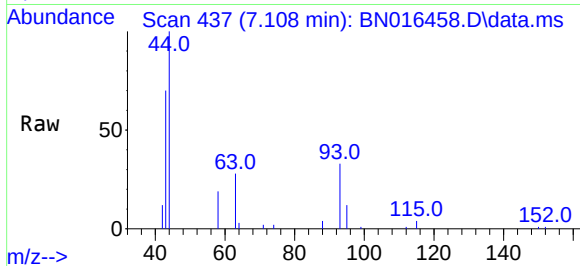
#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 7.108 min Scan# 437
Delta R.T. 0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:	93	Resp:	2600
Ion	Ratio	Lower	Upper
93	100		
63	88.5	63.4	95.0
95	31.8	26.8	40.2

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210914

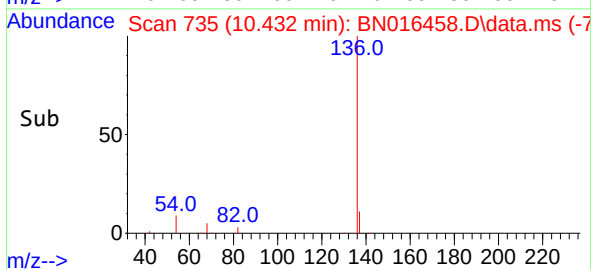
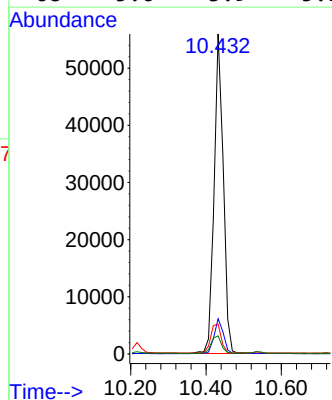
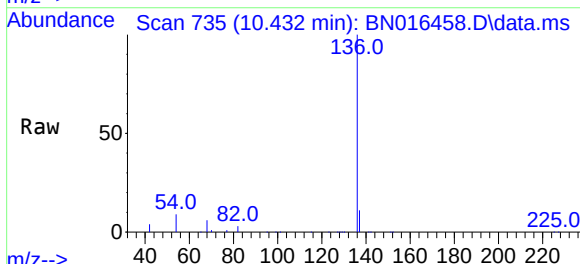
Manual Integrations
APPROVED

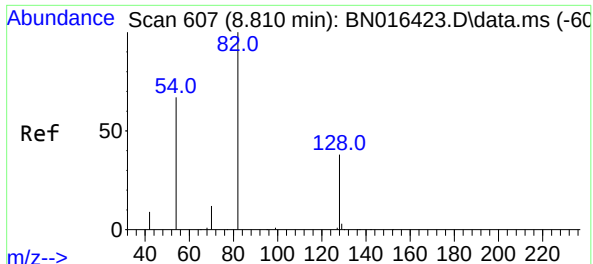
mohammad
9/27/2021 3:03:20 PM



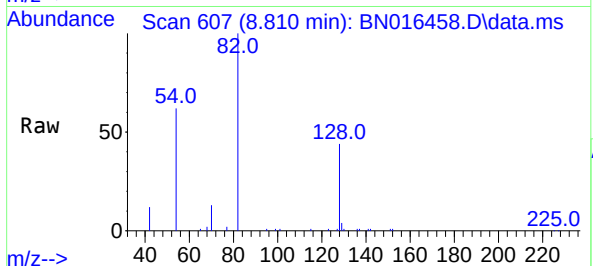
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:	136	Resp:	94465
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.3	5.3	7.9#
68	5.6	3.9	5.9

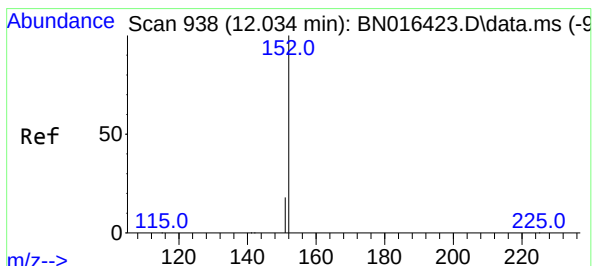
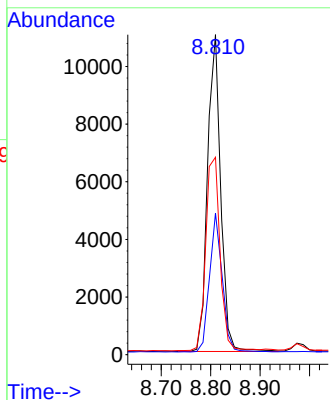
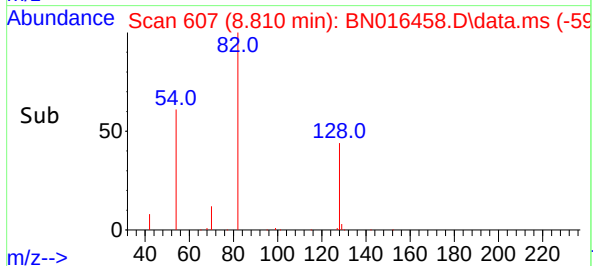




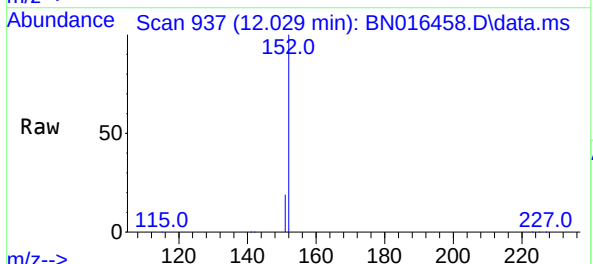
#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49



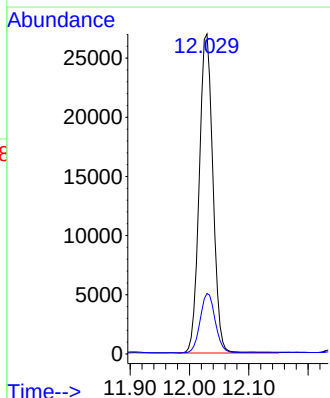
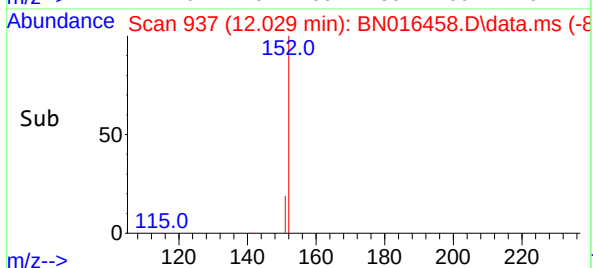
Tgt Ion: 82 Resp: 20330
Ion Ratio Lower Upper
82 100
128 44.2 31.7 47.5
54 61.7 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49



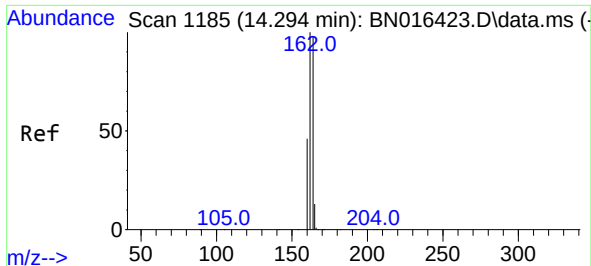
Tgt Ion: 152 Resp: 43118
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1



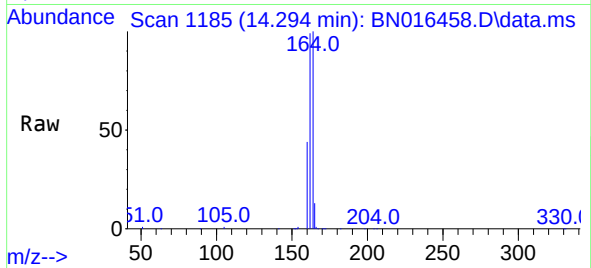
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210914

Manual Integrations
APPROVED

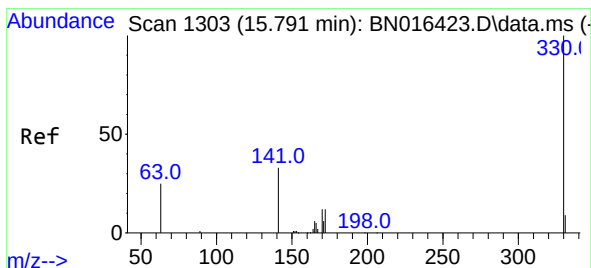
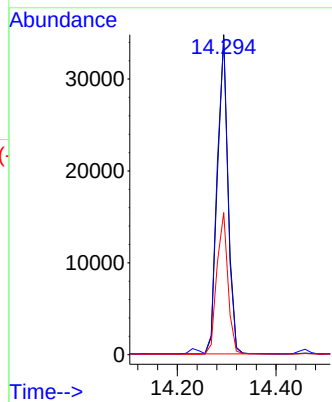
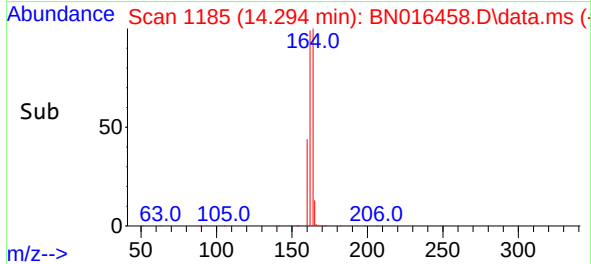
mohammad
9/27/2021 3:03:20 PM



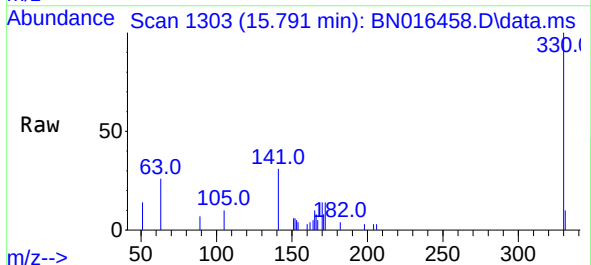
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49



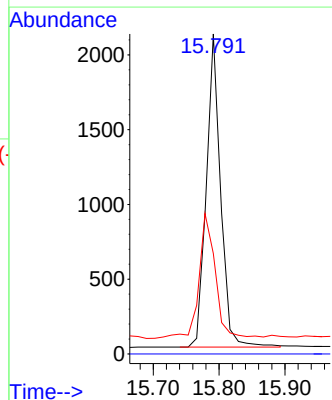
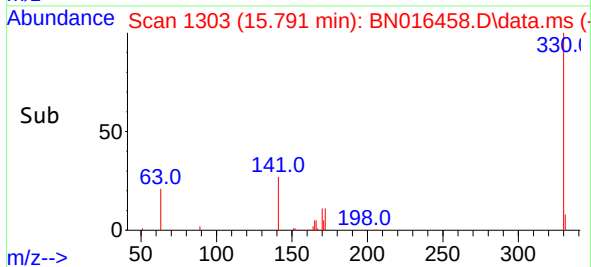
Tgt Ion:164 Resp: 51686
Ion Ratio Lower Upper
164 100
162 98.9 79.0 118.4
160 44.4 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49



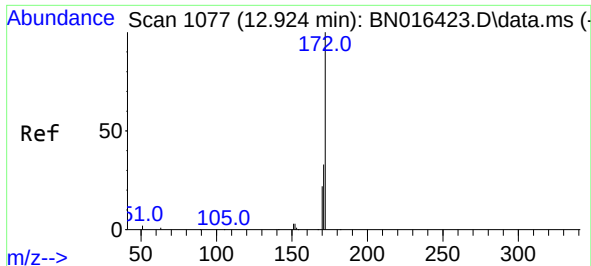
Tgt Ion:330 Resp: 3177
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.7 25.0 37.4#



Instrument :
BNA_N
ClientSampleId :
RE132D5-20210914

Manual Integrations
APPROVED

mohammad
9/27/2021 3:03:20 PM



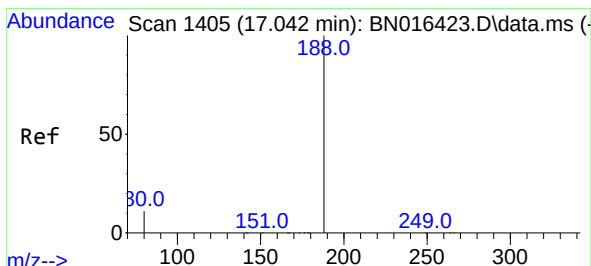
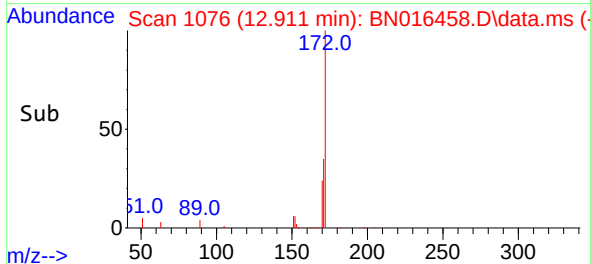
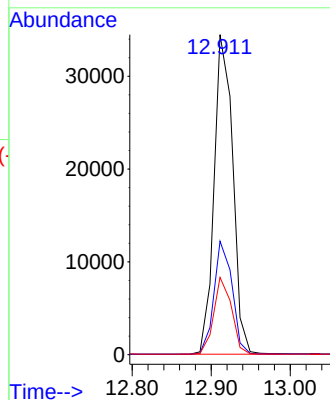
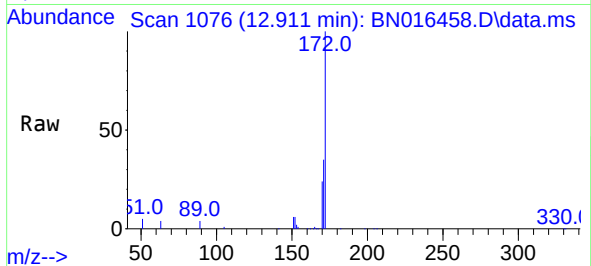
#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:	172	Resp:	56690
Ion Ratio	Lower	Upper	
172	100		
171	35.4	27.8	41.6
170	24.1	18.2	27.2

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210914

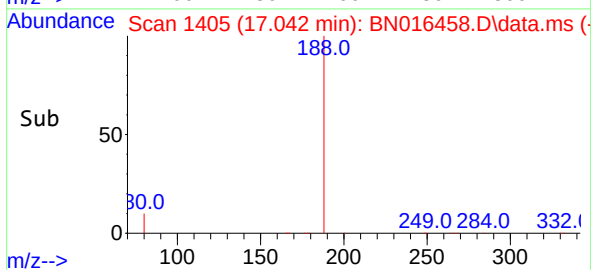
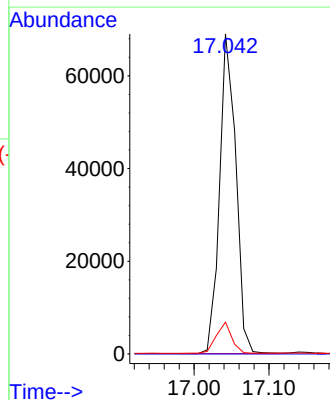
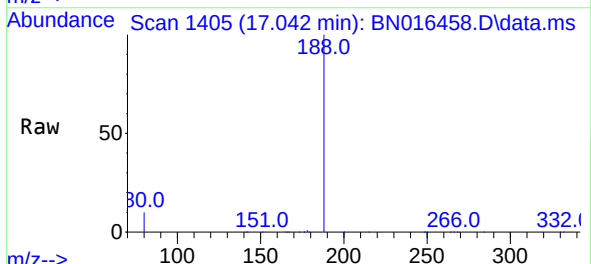
Manual Integrations
APPROVED

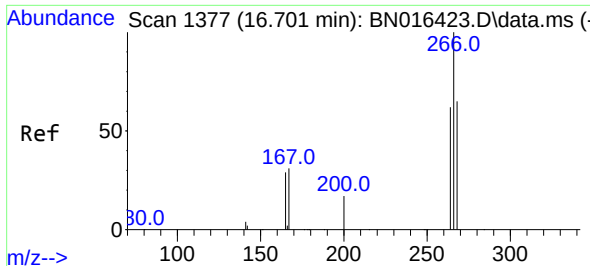
mohammad
9/27/2021 3:03:20 PM



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:	188	Resp:	104271
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.0	7.0	10.6





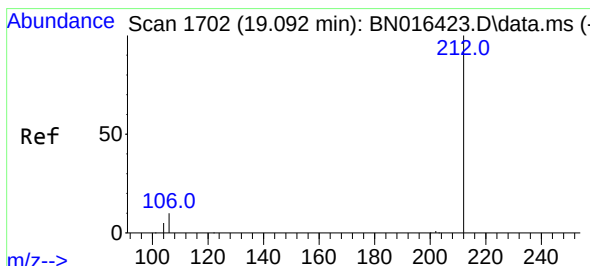
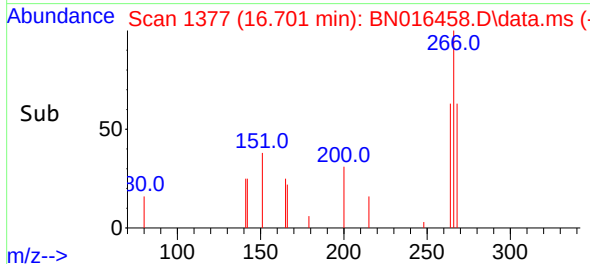
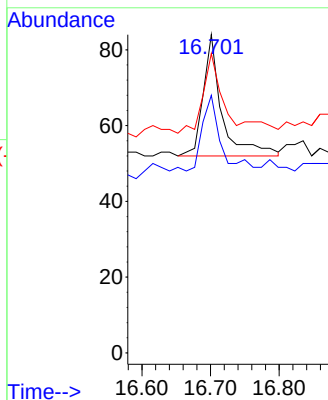
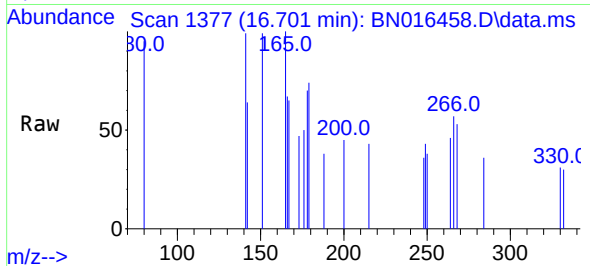
#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:	266	Resp:	61
Ion Ratio	Lower	Upper	
266	100		
264	62.3	50.6	75.8
268	65.6	52.6	79.0

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210914

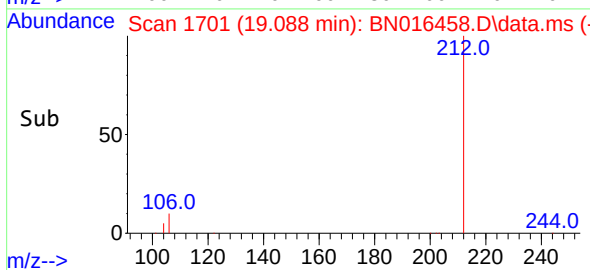
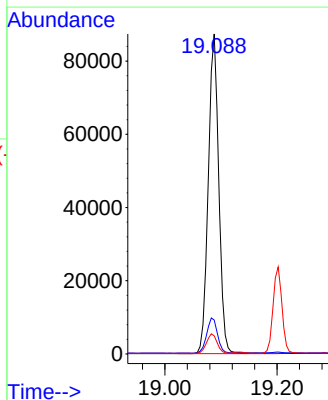
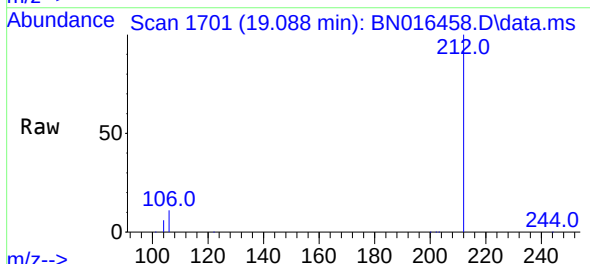
Manual Integrations
APPROVED

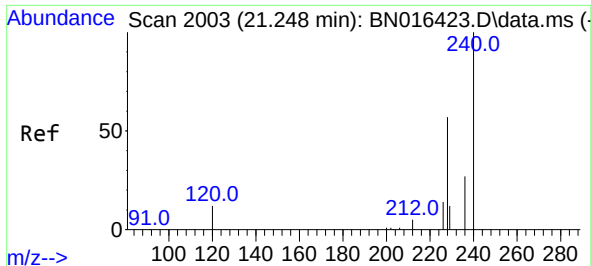
mohammad
9/27/2021 3:03:20 PM



#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:	212	Resp:	113365
Ion Ratio	Lower	Upper	
212	100		
106	11.2	9.8	14.6
104	6.1	5.4	8.2





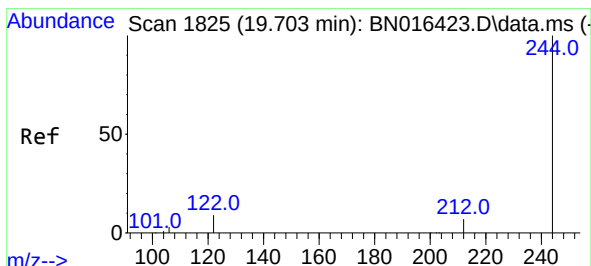
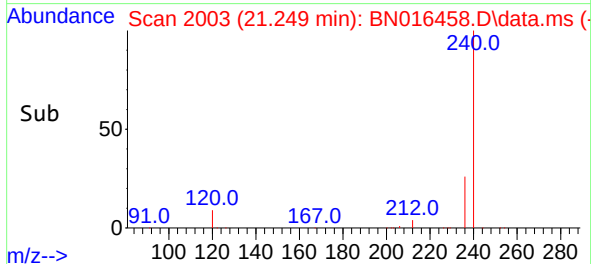
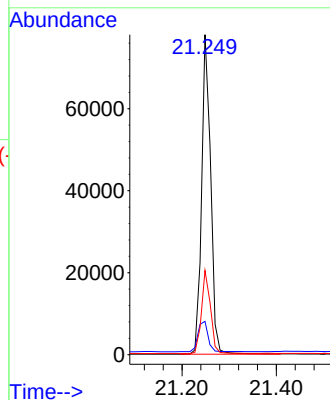
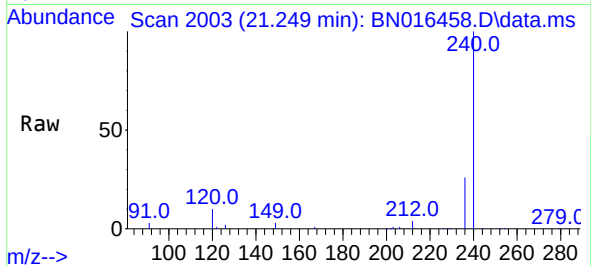
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:240 Resp: 103742
Ion Ratio Lower Upper
240 100
120 10.4 5.3 7.9#
236 26.3 19.8 29.8

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210914

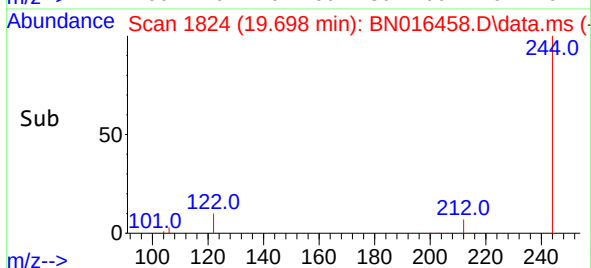
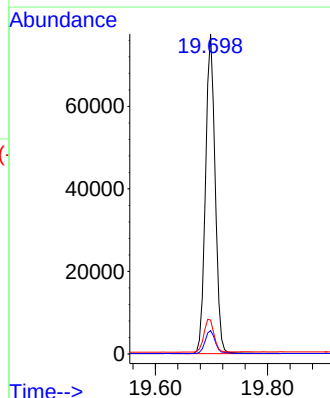
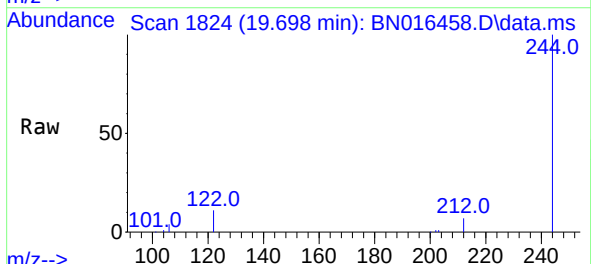
Manual Integrations
APPROVED

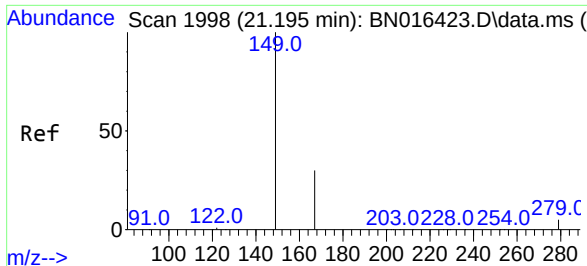
mohammad
9/27/2021 3:03:20 PM



#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:244 Resp: 91922
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 10.6 9.0 13.4





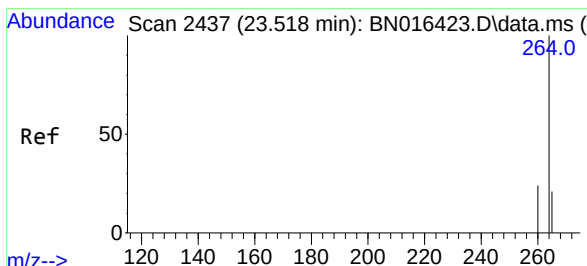
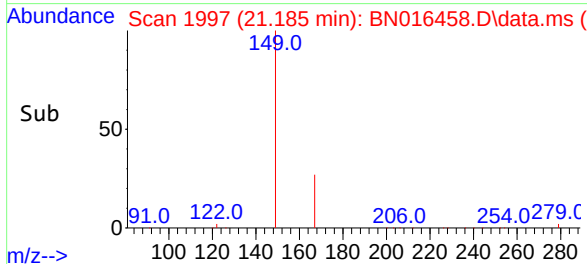
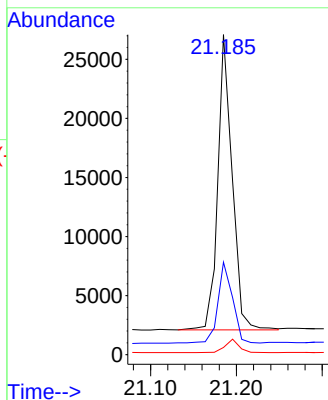
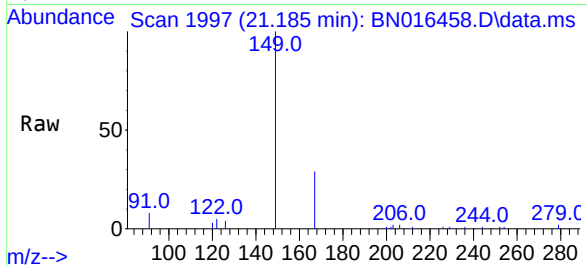
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.35 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:149 Resp: 28977
Ion Ratio Lower Upper
149 100
167 27.9 23.4 35.0
279 4.3 3.9 5.9

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210914

Manual Integrations
APPROVED

mohammad
9/27/2021 3:03:20 PM



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.515 min Scan# 2436
Delta R.T. -0.003 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:264 Resp: 92047
Ion Ratio Lower Upper
264 100
260 24.6 18.9 28.3
265 23.6 23.7 35.5#

