

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016476.D
 Acq On : 25 Sep 2021 15:43
 Operator : CG/JU
 Sample : M3782-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20210915

Manual Integrations
 APPROVED

mohammad
 9/28/2021 1:36:40 PM

Quant Time: Sep 26 04:15:06 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	22852	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	99331	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	50227	0.40	ng	0.00
19) Phenanthrene-d10	17.042	188	101337	0.40	ng	0.00
29) Chrysene-d12	21.249	240	101020	0.40	ng	# 0.00
35) Perylene-d12	23.519	264	86085	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6465	0.13	ng	0.02
5) Phenol-d6	6.849	99	4240	0.07	ng	0.00
8) Nitrobenzene-d5	8.810	82	21383	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	43902	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4284	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	59410	0.28	ng	-0.01
27) Fluoranthene-d10	19.088	212	115269	0.41	ng	0.00
31) Terphenyl-d14	19.698	244	96487	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.281	88	8590m	0.88	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.185	149	13232	0.17	ng	97

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

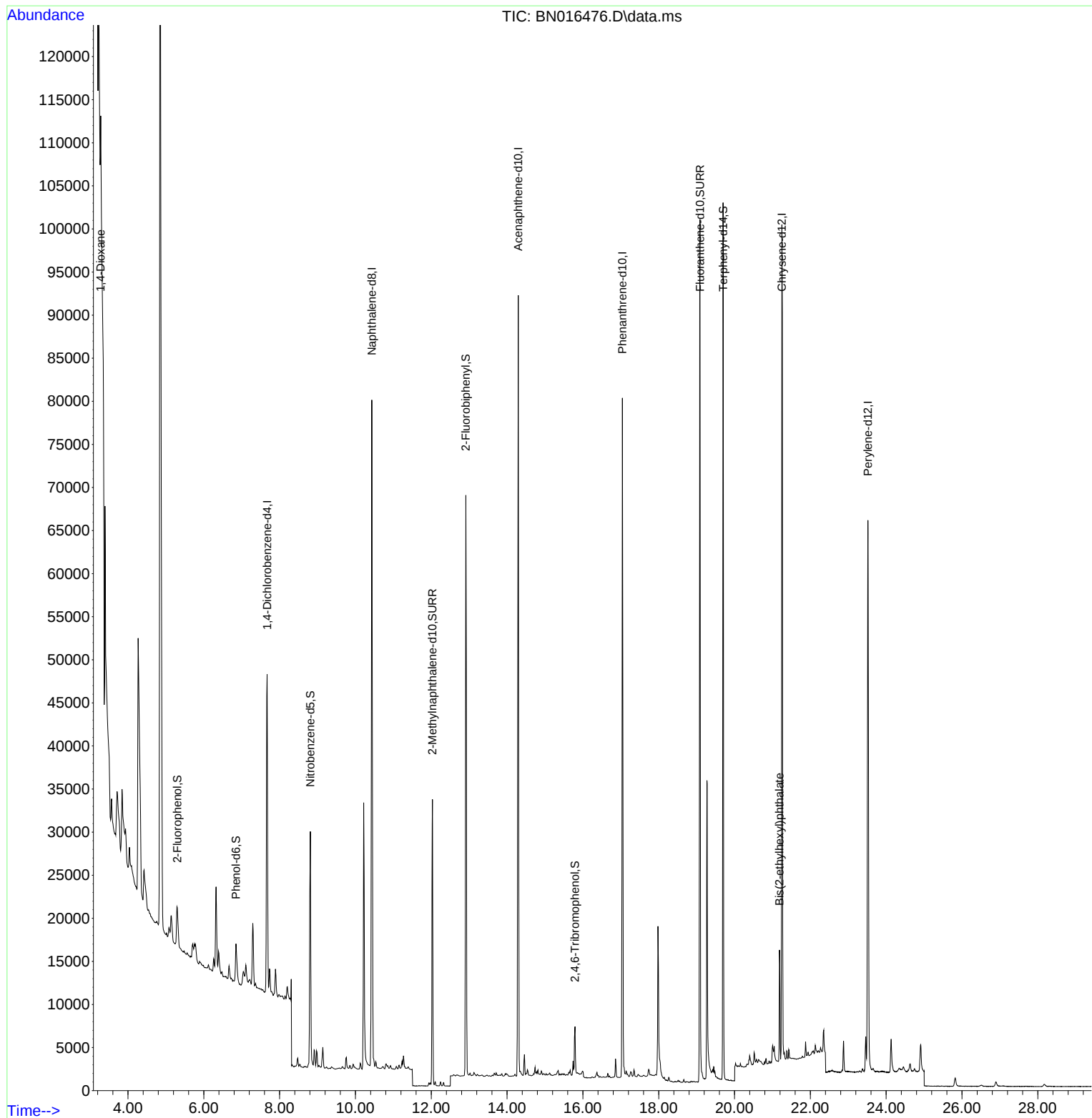
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016476.D
Acq On : 25 Sep 2021 15:43
Operator : CG/JU
Sample : M3782-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE139D2-20210915

Manual Integrations
APPROVED

mohammad
9/28/2021 1:36:40 PM

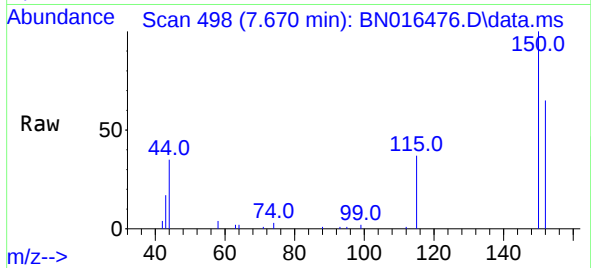
Quant Time: Sep 26 04:15:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

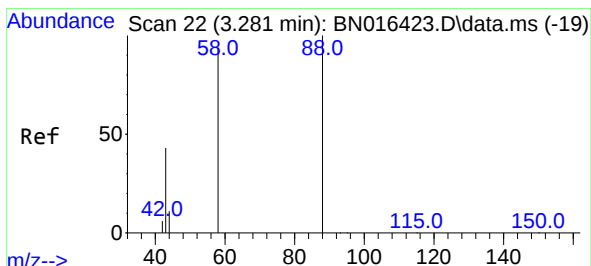
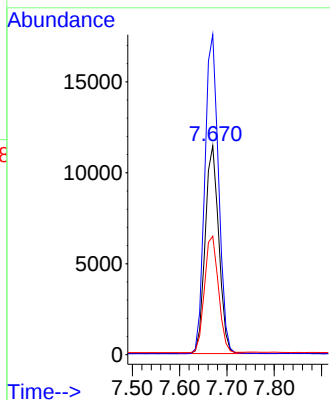
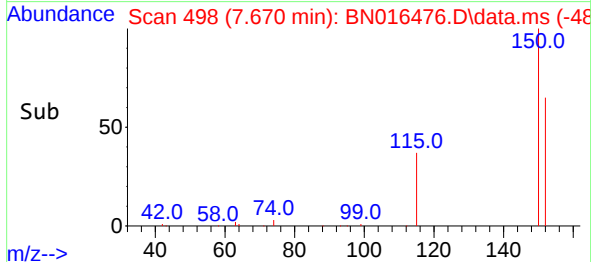
Instrument :
BNA_N
ClientSampleId :
RE139D2-20210915



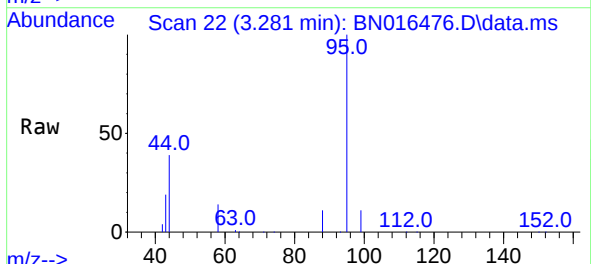
Tgt Ion:152 Resp: 22852
Ion Ratio Lower Upper
152 100
150 153.2 125.6 188.4
115 56.8 50.2 75.2

Manual Integrations
APPROVED

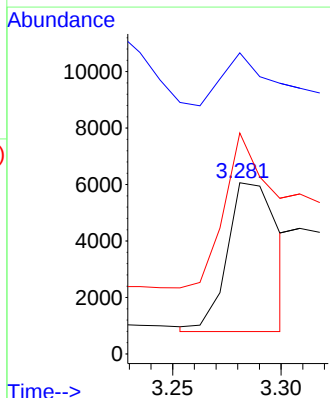
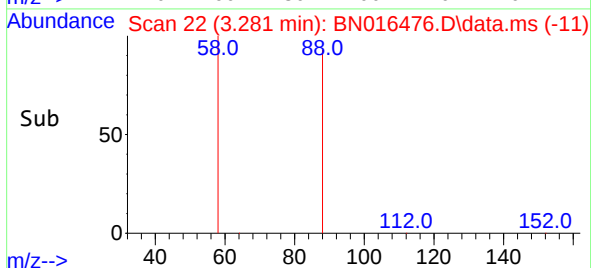
mohammad
9/28/2021 1:36:40 PM

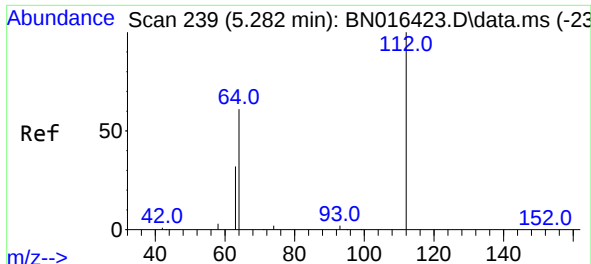


#2
1,4-Dioxane
Concen: 0.88 ng m
RT: 3.281 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43



Tgt Ion: 88 Resp: 8590
Ion Ratio Lower Upper
88 100
43 36.9 20.3 30.5#
58 136.6 69.9 104.9#





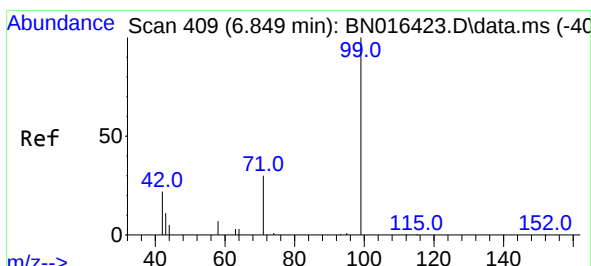
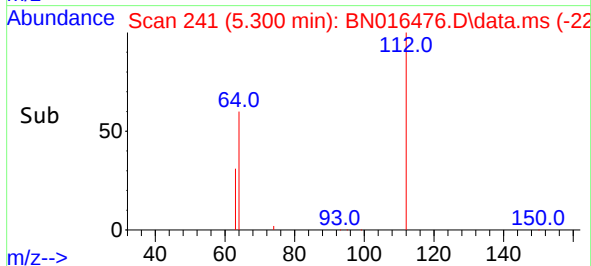
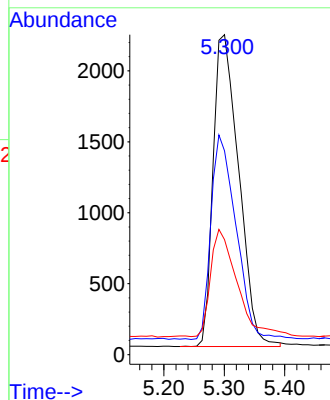
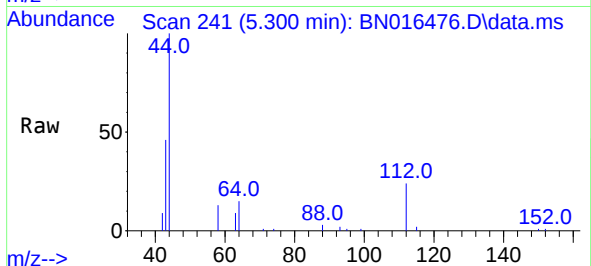
#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion: 112 Resp: 6465
Ion Ratio Lower Upper
112 100
64 63.8 47.3 70.9
63 35.3 23.4 35.0#

Instrument :
BNA_N
ClientSampleId :
RE139D2-20210915

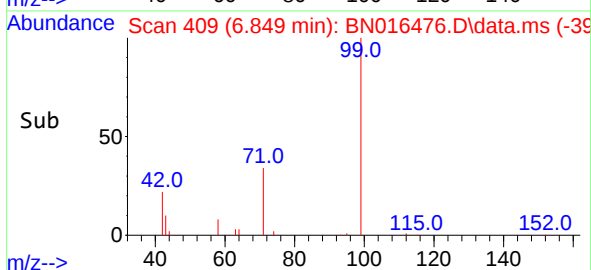
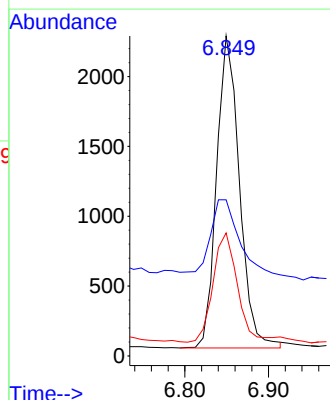
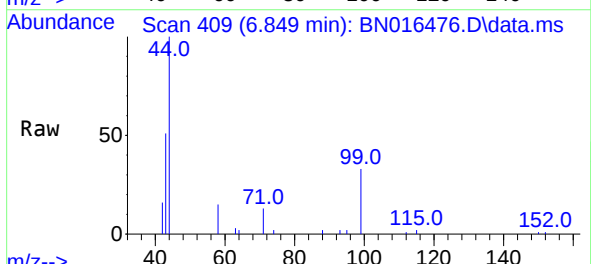
Manual Integrations
APPROVED

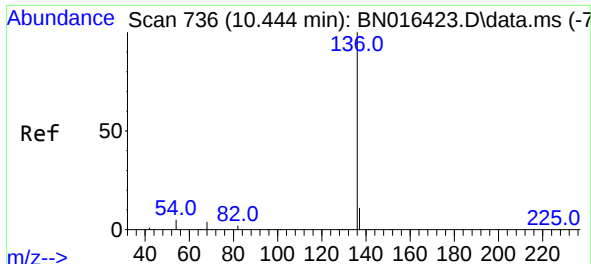
mohammad
9/28/2021 1:36:40 PM



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

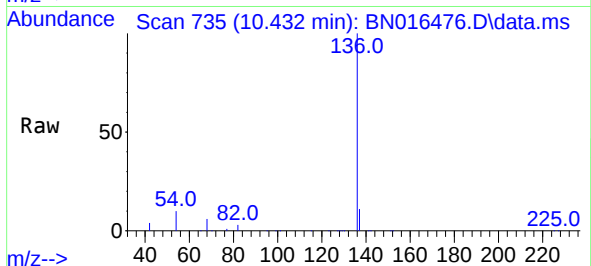
Tgt Ion: 99 Resp: 4240
Ion Ratio Lower Upper
99 100
42 29.7 14.0 21.0#
71 37.3 23.8 35.6#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

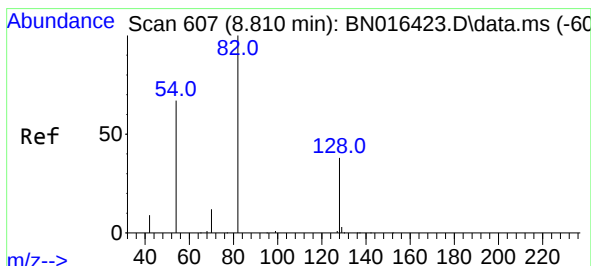
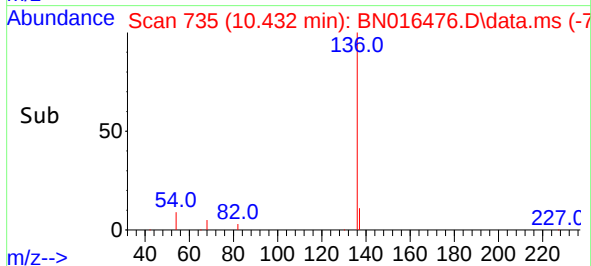
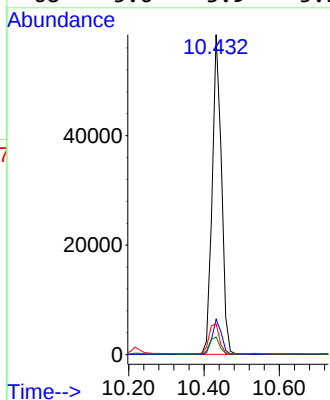
Instrument :
BNA_N
ClientSampleId :
RE139D2-20210915



Tgt Ion:	136	Resp:	99331
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.7	5.3	7.9#
68	5.6	3.9	5.9

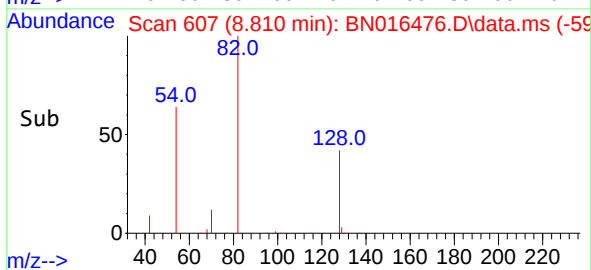
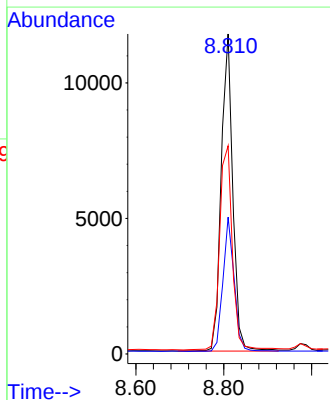
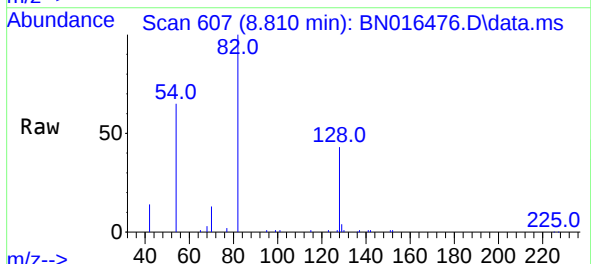
Manual Integrations
APPROVED

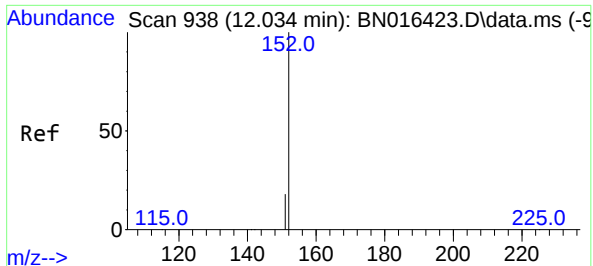
mohammad
9/28/2021 1:36:40 PM



#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion:	82	Resp:	21383
Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.7	47.5
54	65.0	46.4	69.6





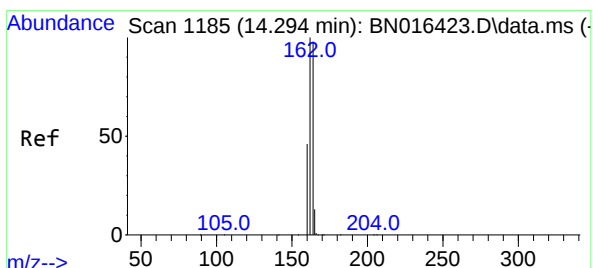
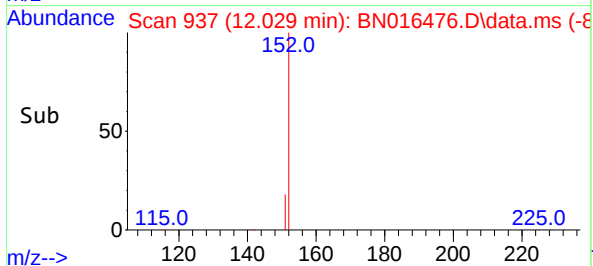
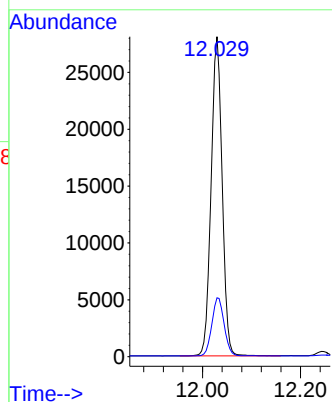
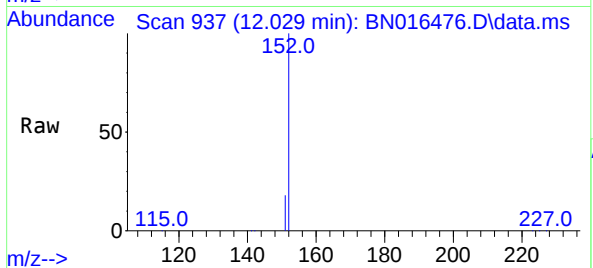
#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion:152 Resp: 43902
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1

Instrument :
BNA_N
ClientSampleId :
RE139D2-20210915

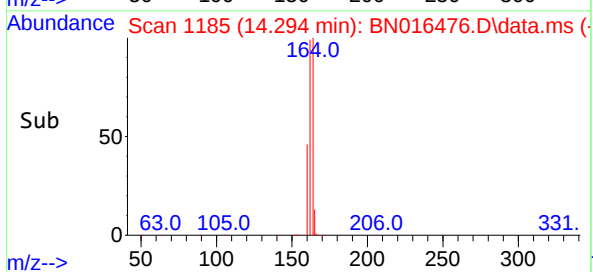
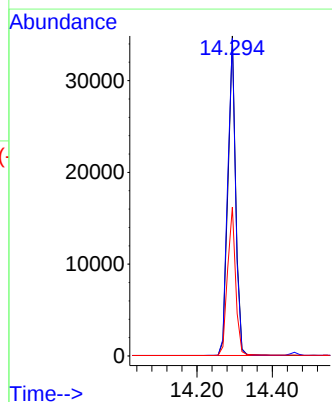
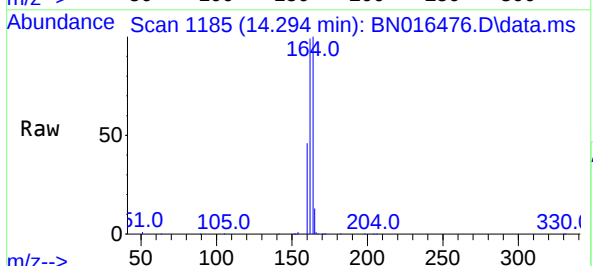
Manual Integrations
APPROVED

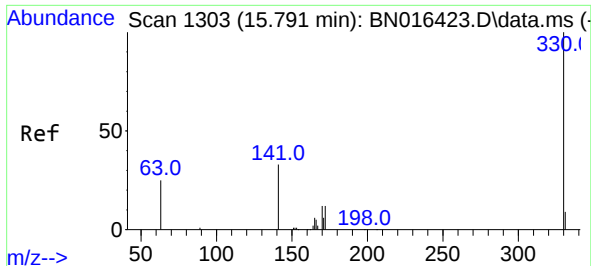
mohammad
9/28/2021 1:36:40 PM



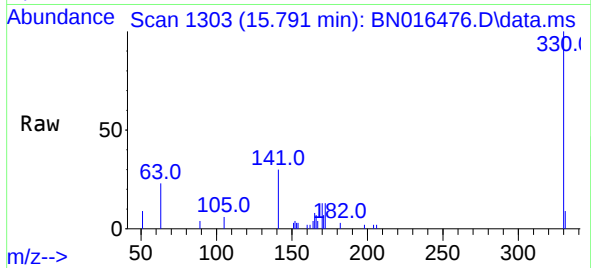
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion:164 Resp: 50227
Ion Ratio Lower Upper
164 100
162 99.2 79.0 118.4
160 46.5 34.1 51.1

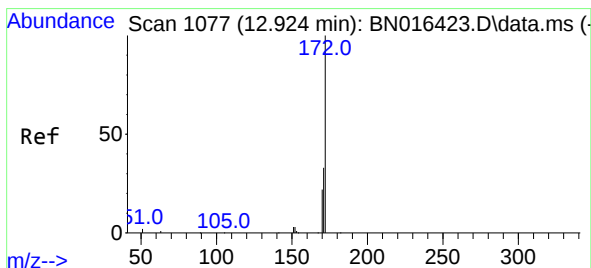
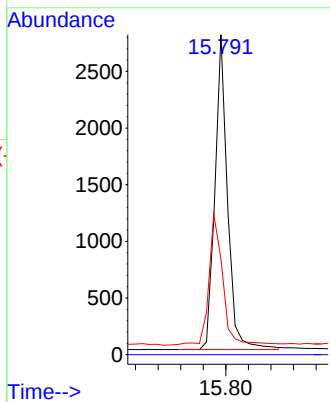
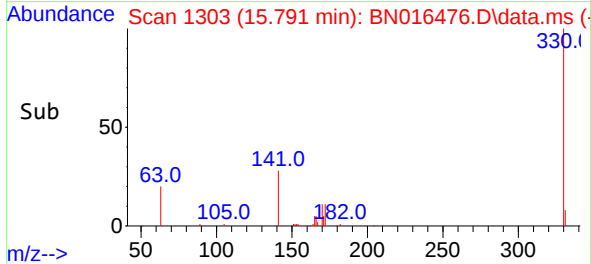




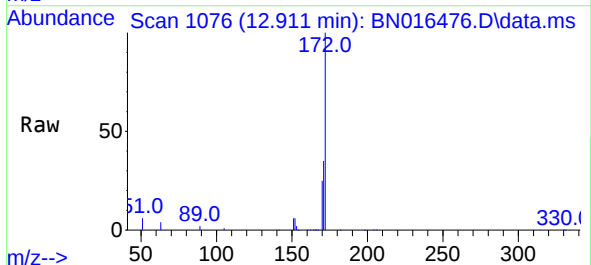
#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43



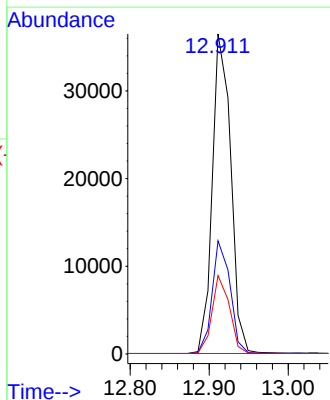
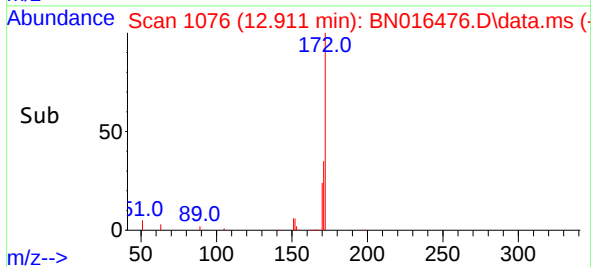
Tgt Ion:330 Resp: 4284
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.4 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43



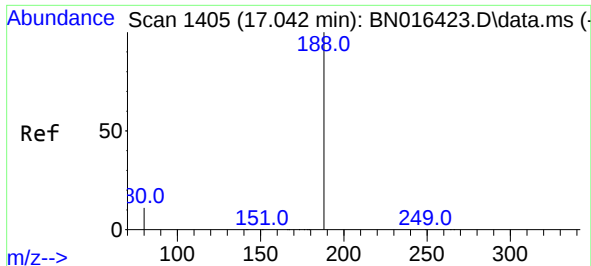
Tgt Ion:172 Resp: 59410
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.5 18.2 27.2



Instrument :
BNA_N
ClientSampleId :
RE139D2-20210915

Manual Integrations
APPROVED

mohammad
9/28/2021 1:36:40 PM



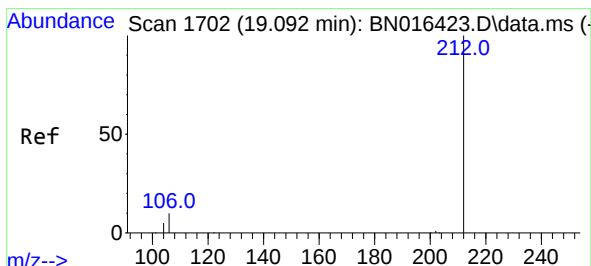
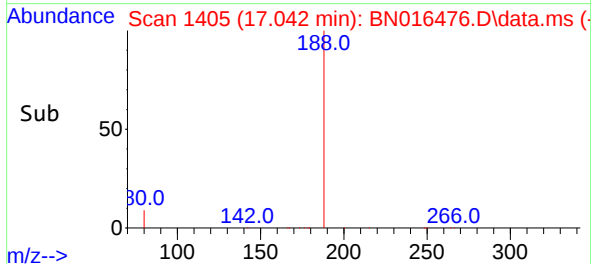
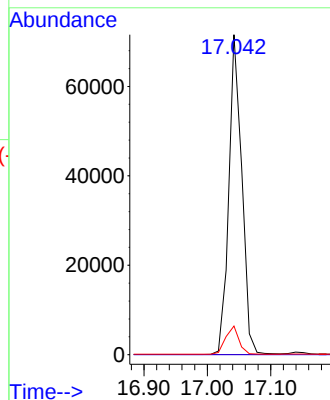
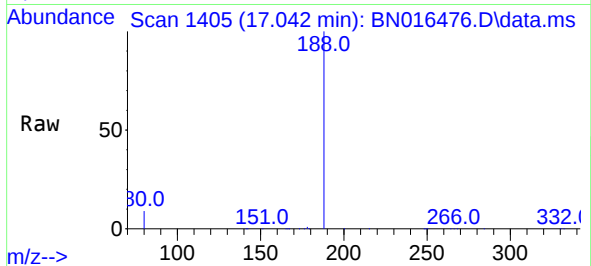
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion:188 Resp: 101337
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.0 10.6

Instrument :
BNA_N
ClientSampleId :
RE139D2-20210915

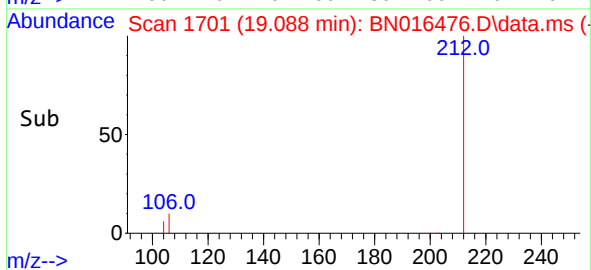
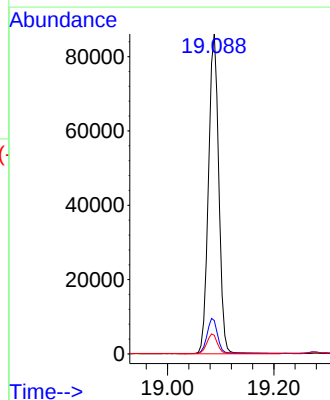
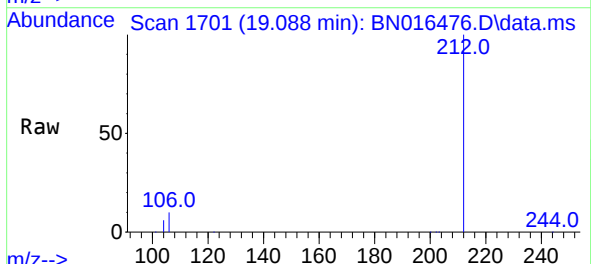
Manual Integrations
APPROVED

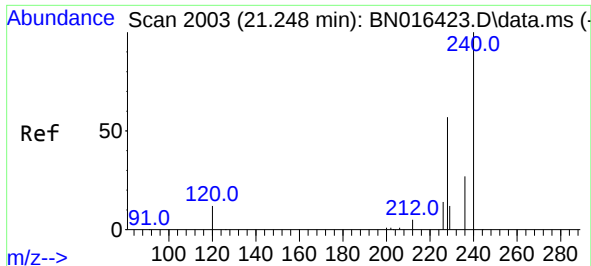
mohammad
9/28/2021 1:36:40 PM



#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion:212 Resp: 115269
Ion Ratio Lower Upper
212 100
106 11.4 9.8 14.6
104 6.2 5.4 8.2





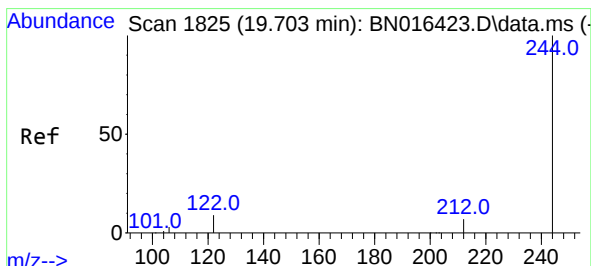
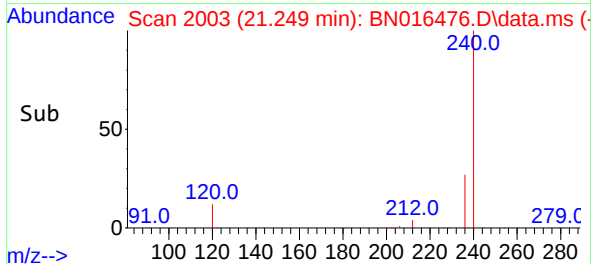
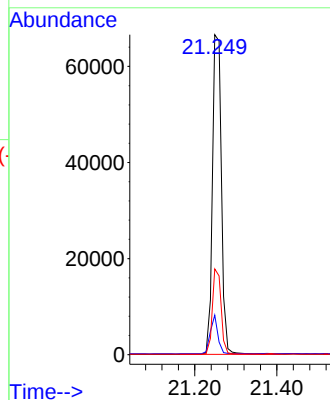
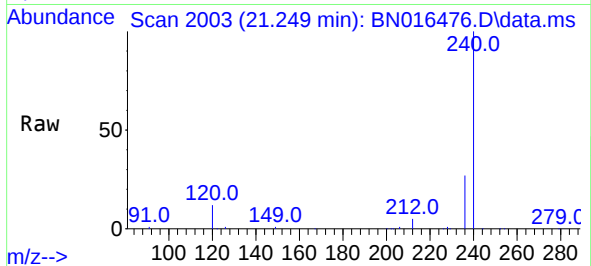
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion:240 Resp: 101020
Ion Ratio Lower Upper
240 100
120 12.3 5.3 7.9#
236 26.8 19.8 29.8

Instrument :
BNA_N
ClientSampleId :
RE139D2-20210915

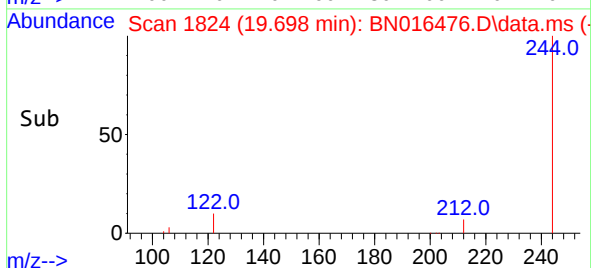
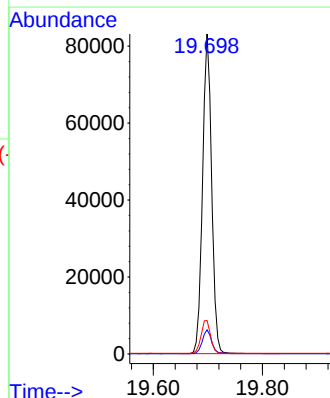
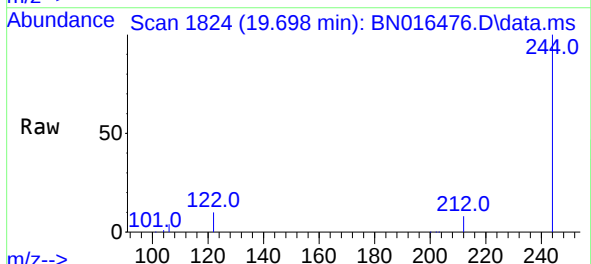
Manual Integrations
APPROVED

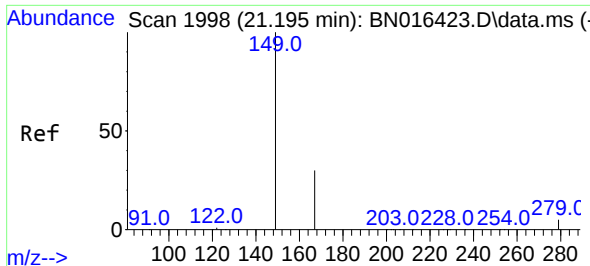
mohammad
9/28/2021 1:36:40 PM



#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion:244 Resp: 96487
Ion Ratio Lower Upper
244 100
212 7.5 5.5 8.3
122 10.5 9.0 13.4





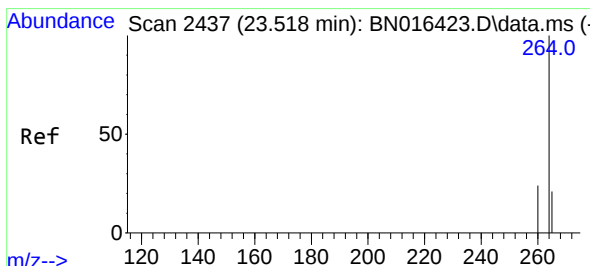
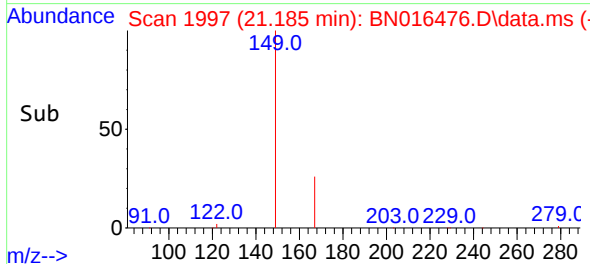
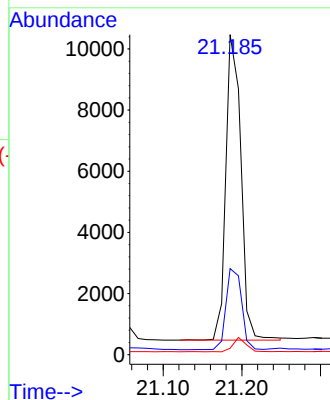
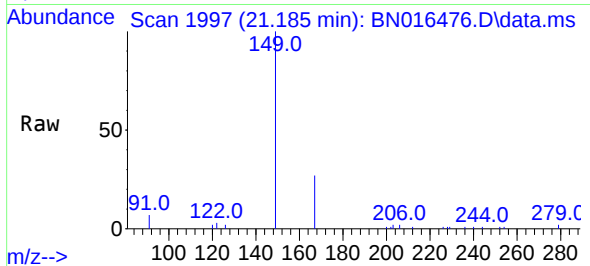
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion:149 Resp: 13232
Ion Ratio Lower Upper
149 100
167 27.5 23.4 35.0
279 4.1 3.9 5.9

Instrument :
BNA_N
ClientSampleId :
RE139D2-20210915

Manual Integrations
APPROVED

mohammad
9/28/2021 1:36:40 PM



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.519 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion:264 Resp: 86085
Ion Ratio Lower Upper
264 100
260 24.7 18.9 28.3
265 23.7 23.7 35.5

