

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020615.D
 Acq On : 30 May 2019 01:54
 Operator : JU/SJ
 Sample : K3050-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 052319-SBOA-E-D-B

Manual Integrations
 APPROVED

mohammad
 5/30/2019 8:16:58 AM

Quant Time: May 30 03:45:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 02:15:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	38707	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	121194	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	92589	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	233960	20.00	ng	0.00
76) Chrysene-d12	21.23	240	308607	20.00	ng	0.00
87) Perylene-d12	23.46	264	364463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	94059	47.67	ng	0.00
7) Phenol-d6	6.80	99	72008m	24.18	ng	0.00
23) Nitrobenzene-d5	8.79	82	283980	98.35	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	170673	92.01	ng	0.00
45) 2-Fluorobiphenyl	12.89	172	673034	91.21	ng	0.00
79) Terphenyl-d14	19.67	244	1572776	92.13	ng	0.00

Target Compounds Qvalue

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

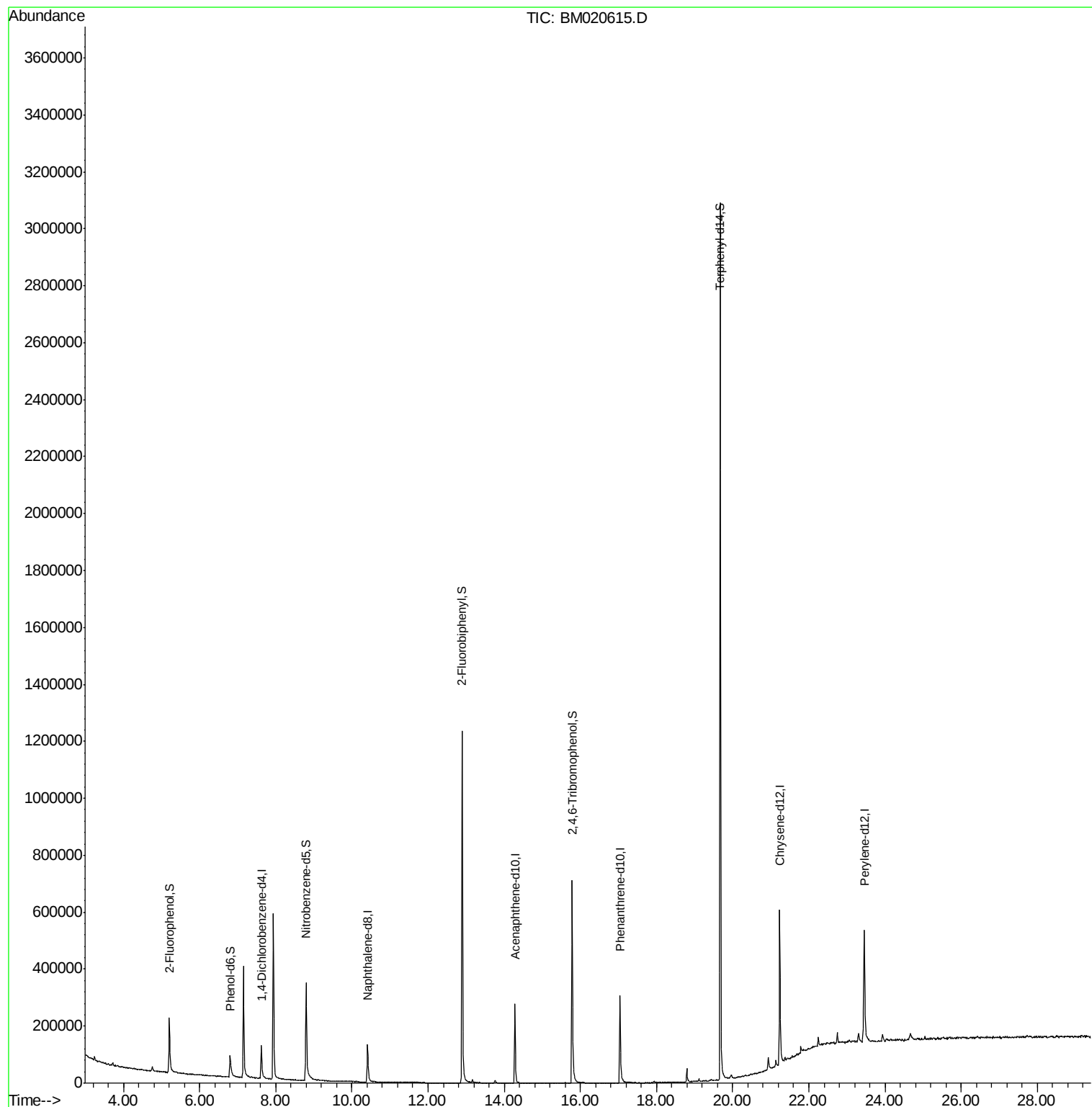
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020615.D
Acq On : 30 May 2019 01:54
Operator : JU/SJ
Sample : K3050-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

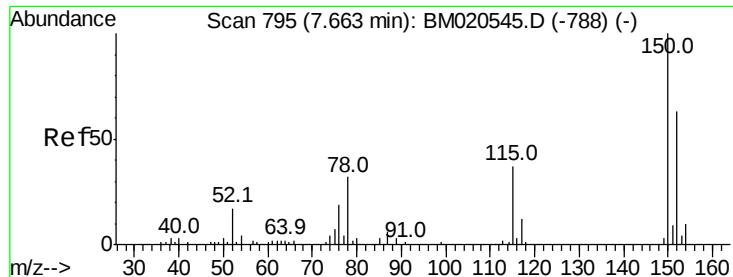
Instrument :
BNA_M
ClientSampleId :
052319-SBOA-E-D-B

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:58 AM

Quant Time: May 30 03:45:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 02:15:06 2019
Response via : Initial Calibration





#1

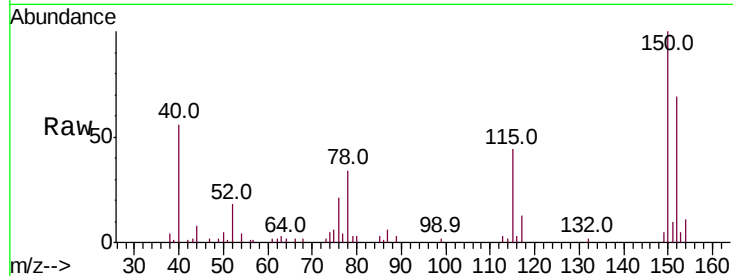
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.00 min
Lab File: BM020615.D
Acq: 30 May 2019 01:54

Instrument :
BNA_M
ClientSampleId :
052319-SBOA-E-D-B

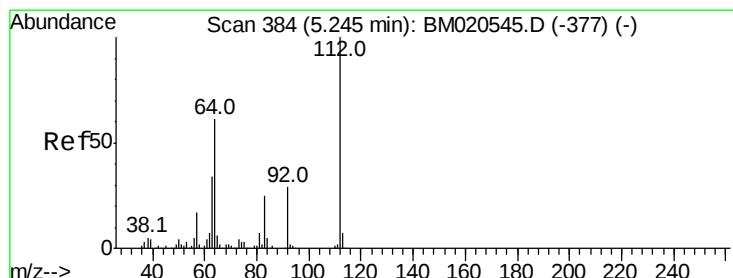
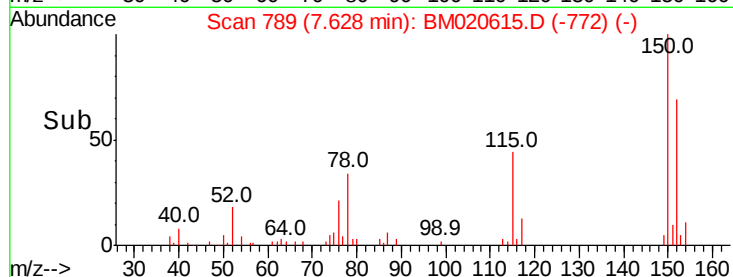
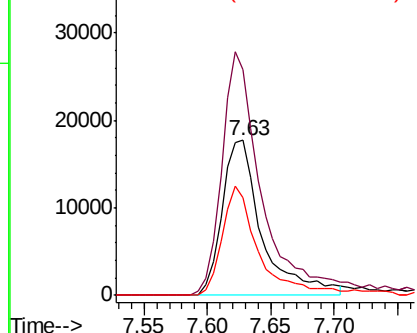
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	126.6	190.0
115	63.5	46.6	70.0

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:58 AM



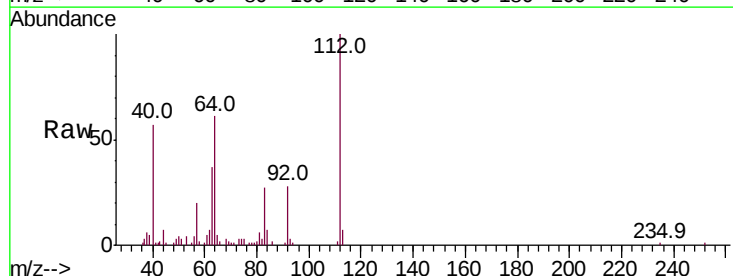
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



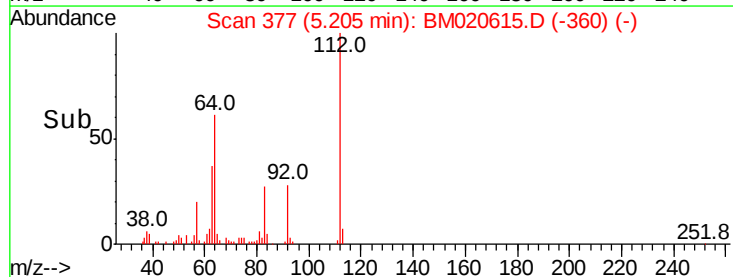
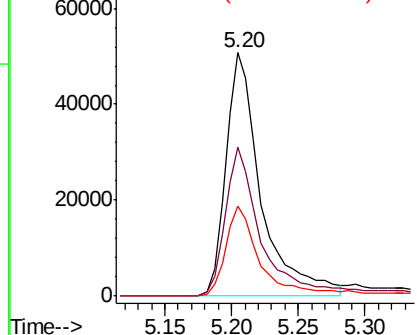
#5

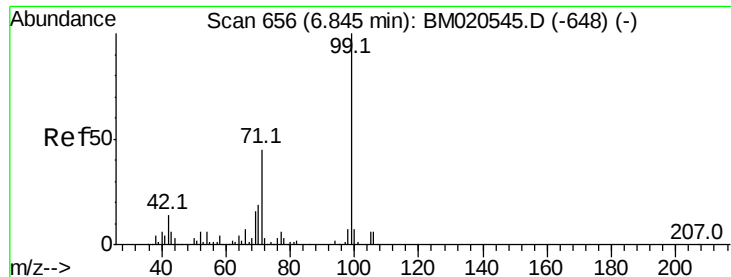
2-Fluorophenol
Concen: 47.673 ng
RT: 5.20 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM020615.D
Acq: 30 May 2019 01:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	48.6	73.0
63	36.8	27.4	41.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 24.180 ng/mL

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM020615.D

Acq: 30 May 2019 01:54

Instrument :

BNA_M

ClientSampleId :

052319-SBOA-E-D-B

Tot Ion: 99 Resp: 72008

Ion Ratio Lower Upper

99 100

42 15.3 10.8 16.2

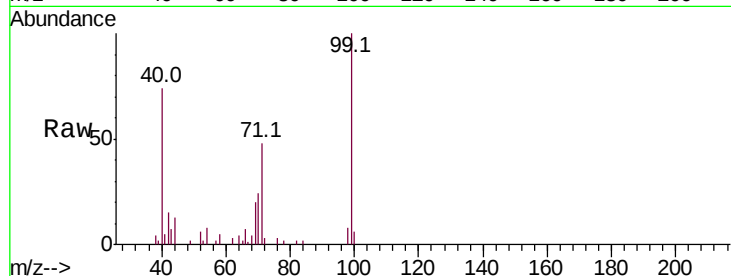
71 47.6 36.3 54.5

Manual Integrations

APPROVED

mohammad

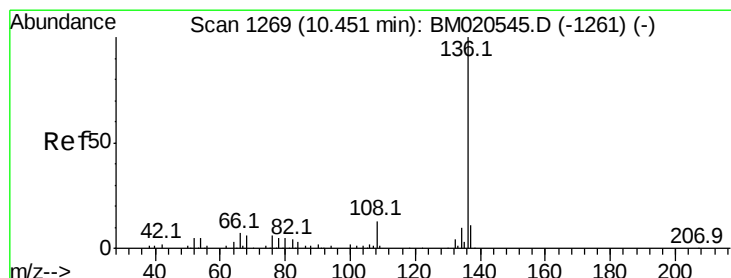
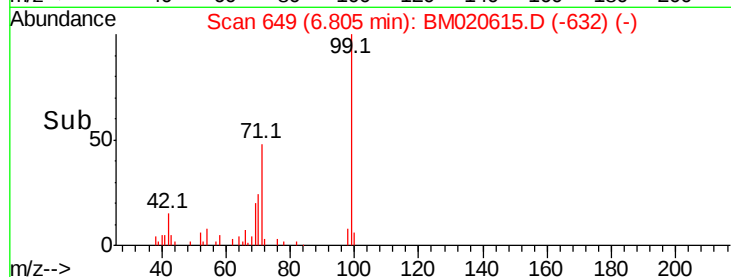
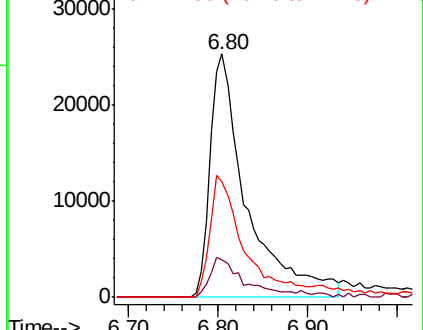
5/30/2019 8:16:58 AM



Abundance Ion 99.00 (98.70 to 99.70): BM020545.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM020545.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM020545.D (-648) (-)



#21

Naphthalene-d8

Concen: 20.000 ng/mL

RT: 10.41 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM020615.D

Acq: 30 May 2019 01:54

Tgt Ion: 136 Resp: 121194

Ion Ratio Lower Upper

136 100

137 11.9 8.4 12.6

54 7.1 4.2 6.4#

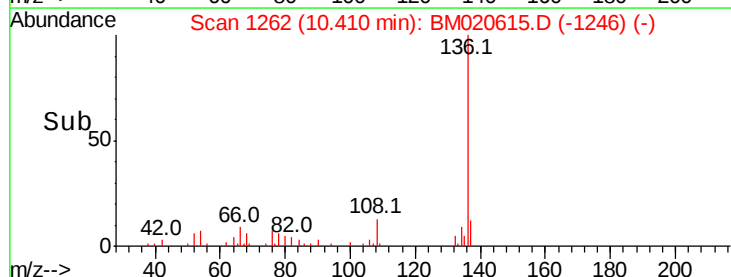
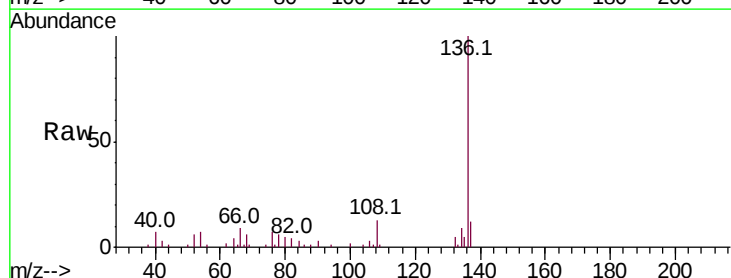
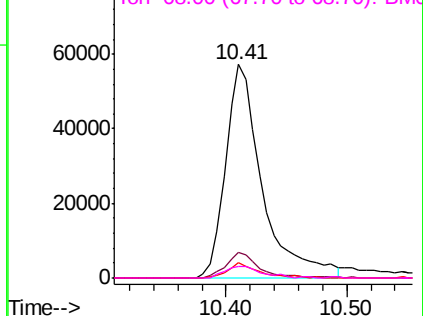
68 5.5 4.6 7.0

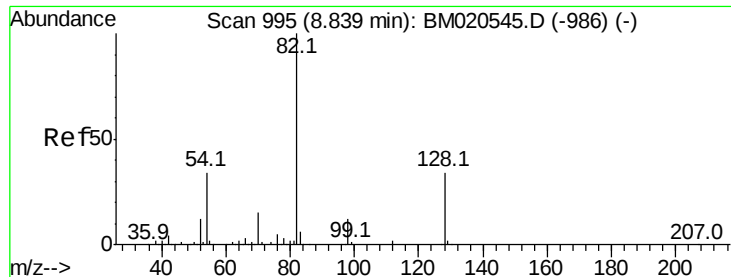
Abundance Ion 136.00 (135.70 to 136.70): BM020545.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM020545.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM020545.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM020545.D (-1261) (-)





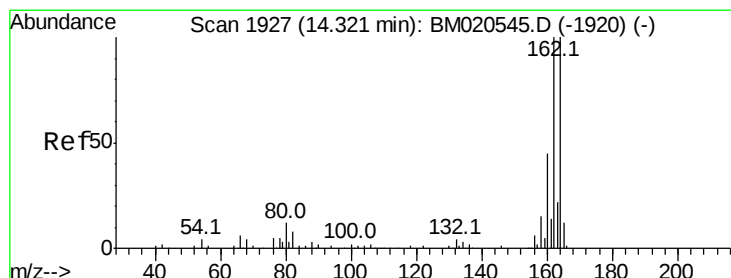
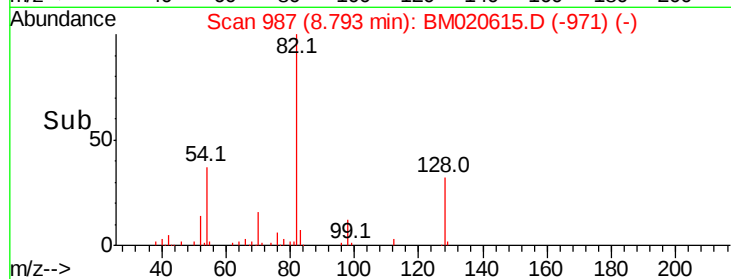
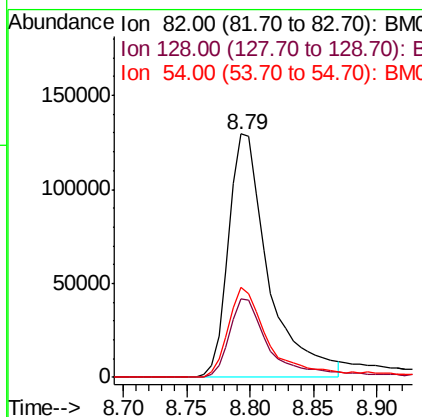
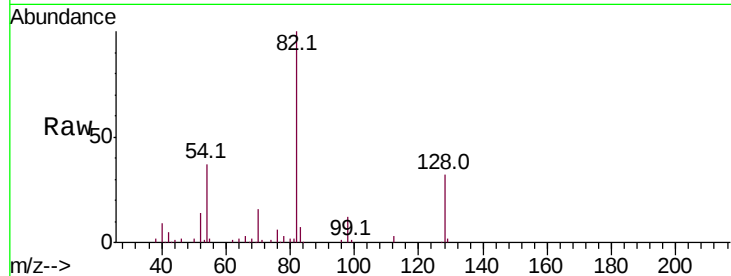
#23
Nitrobenzene-d5
Concen: 98.350 ng
RT: 8.79 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM020615.D
Acq: 30 May 2019 01:54

Instrument :
BNA_M
ClientSampleId :
052319-SBOA-E-D-B

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	32.1	27.0	40.4	
54	37.0	27.4	41.2	

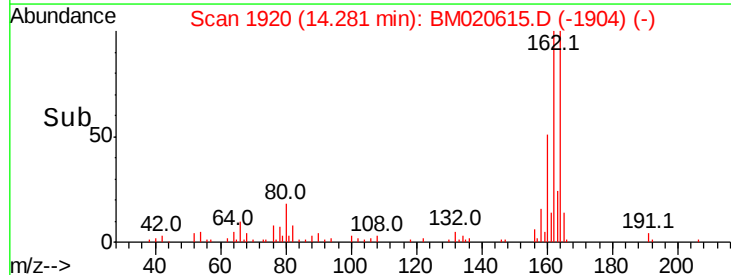
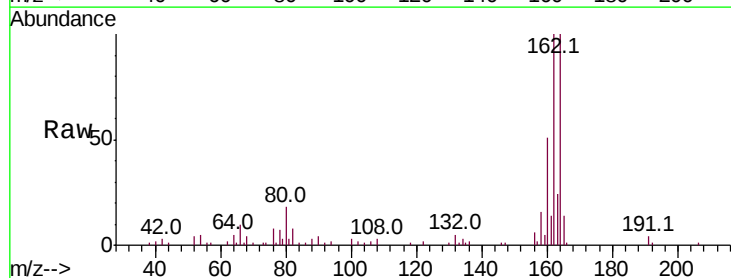
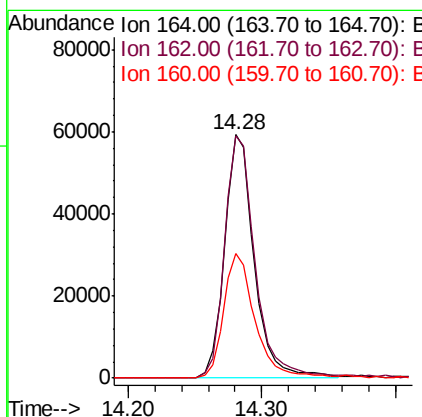
Manual Integrations
APPROVED

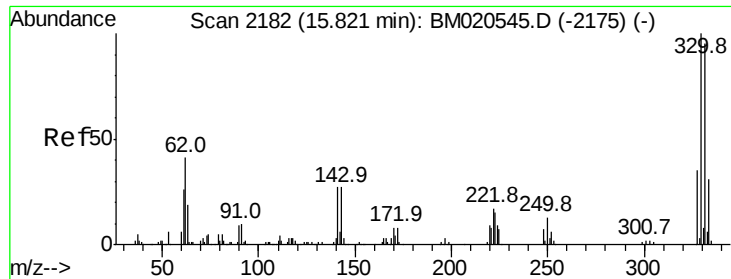
mohammad
5/30/2019 8:16:58 AM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM020615.D
Acq: 30 May 2019 01:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.6	79.8	119.8	
160	51.1	35.9	53.9	





#42

2,4,6-Tribromophenol

Concen: 92.008 ng

RT: 15.79 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BM020615.D

Acq: 30 May 2019 01:54

Instrument :

BNA_M

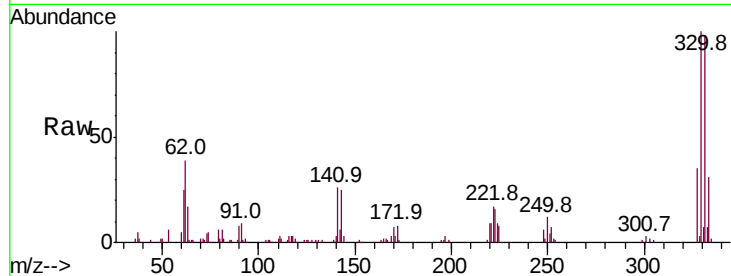
ClientSampleId :

052319-SBOA-E-D-B

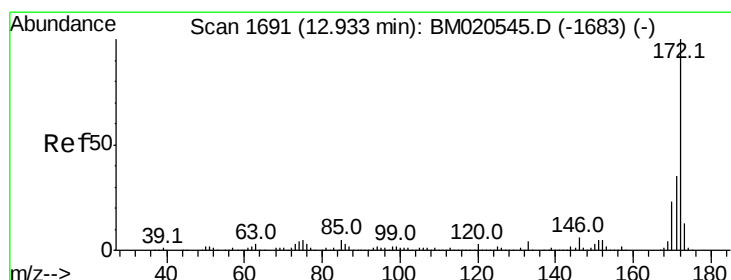
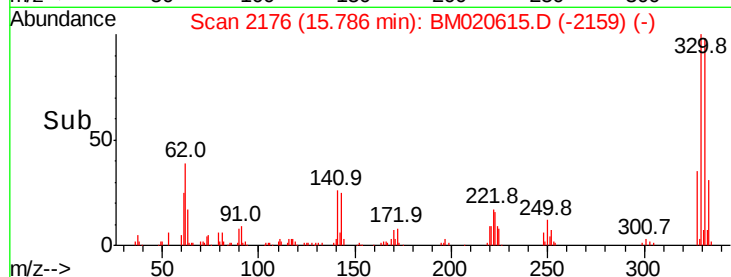
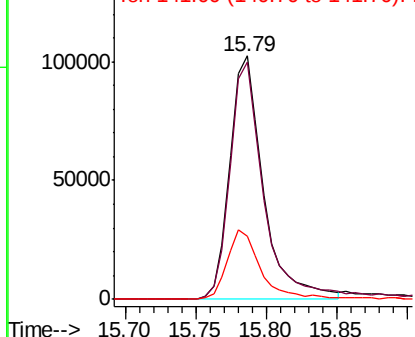
Tot Ion:	330	Resp:	170673
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.5	116.3
141	28.4	21.7	32.5

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:58 AM



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 91.213 ng

RT: 12.89 min Scan# 1684

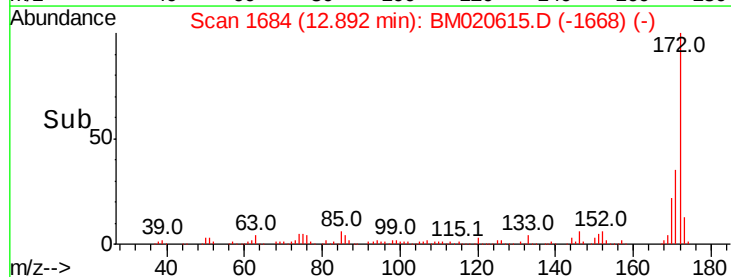
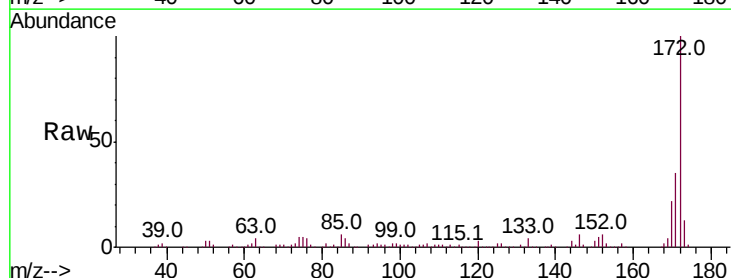
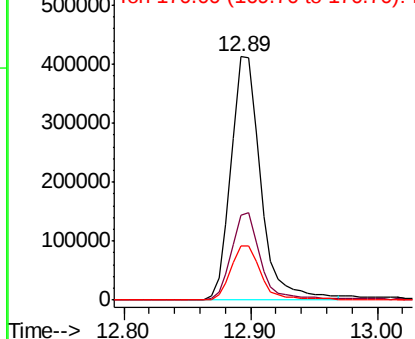
Delta R.T. -0.01 min

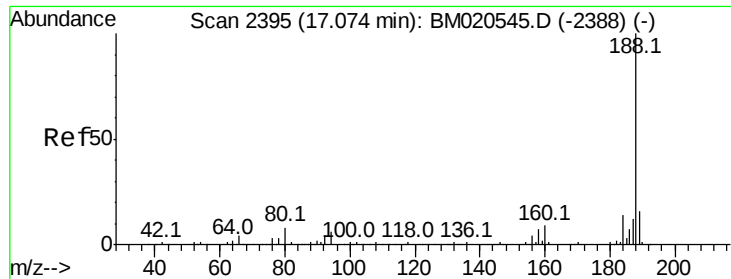
Lab File: BM020615.D

Acq: 30 May 2019 01:54

Tgt Ion:	172	Resp:	673034
Ion Ratio	Lower	Upper	
172	100		
171	35.0	27.9	41.9
170	22.4	18.2	27.4

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





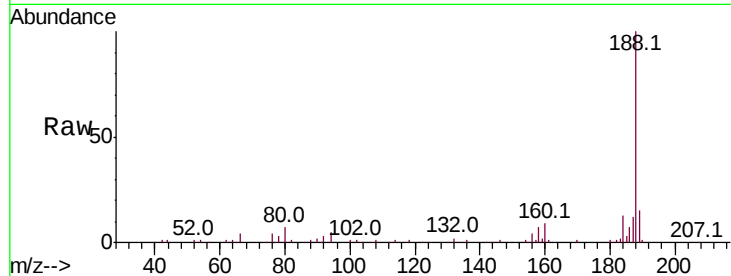
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM020615.D
Acq: 30 May 2019 01:54

Instrument :
BNA_M
ClientSampleId :
052319-SBOA-E-D-B

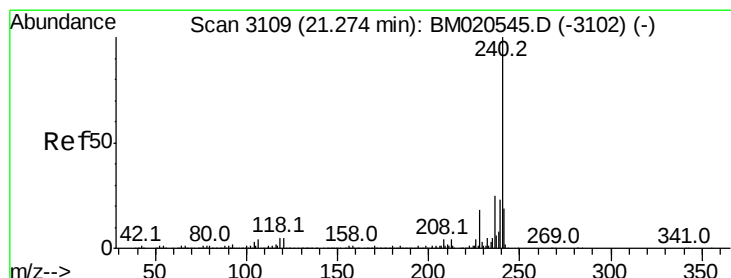
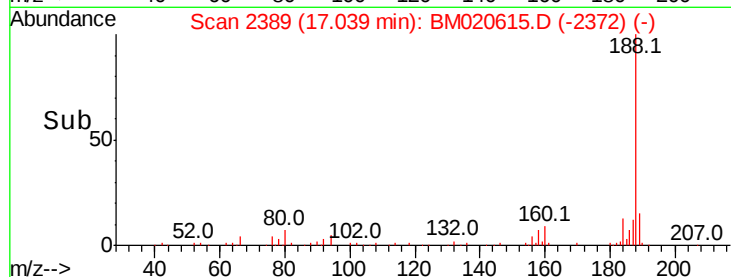
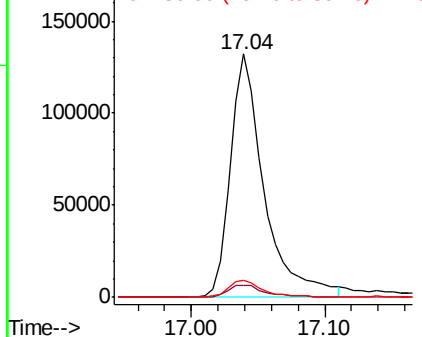
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.0	5.0	7.4
80	7.0	6.5	9.7

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:58 AM

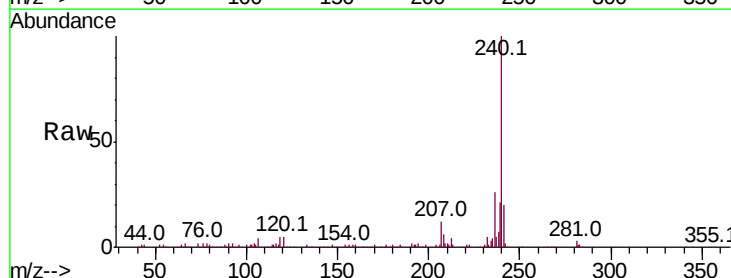


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

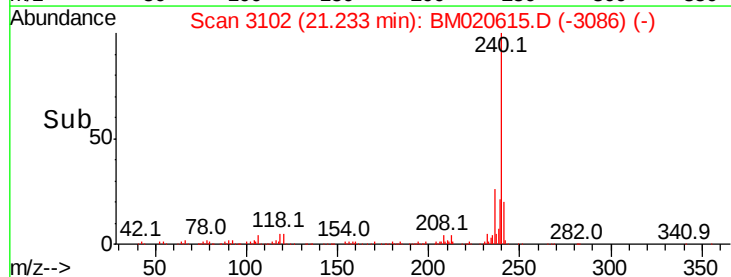
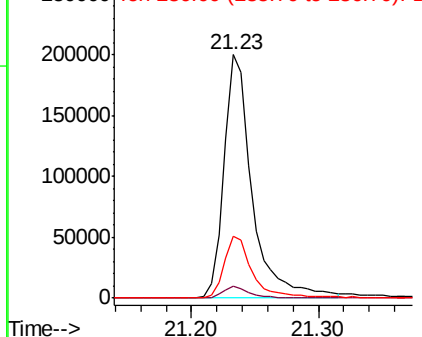


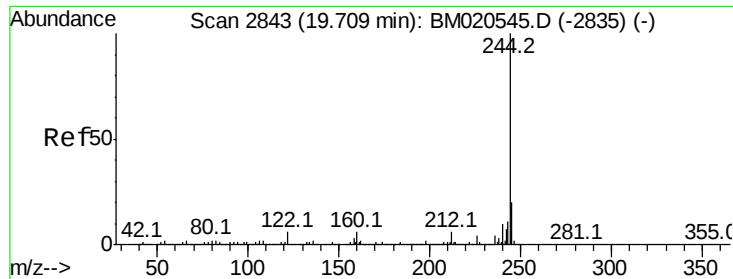
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM020615.D
Acq: 30 May 2019 01:54

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.1	4.1	6.1
236	25.6	20.2	30.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.131 ng

RT: 19.67 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM020615.D

Acq: 30 May 2019 01:54

Instrument :

BNA_M

ClientSampleId :

052319-SBOA-E-D-B

Tot Ion:244 Resp: 1572776

Ion Ratio Lower Upper

244 100

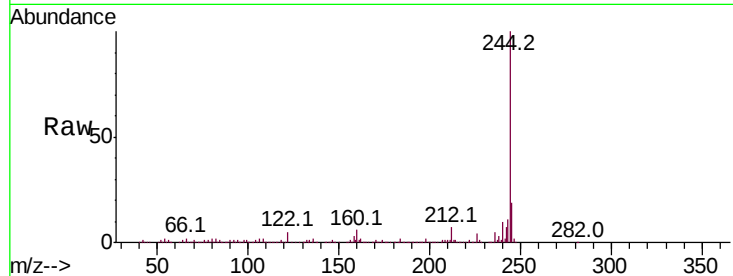
212 6.7 5.0 7.6

122 5.1 4.6 7.0

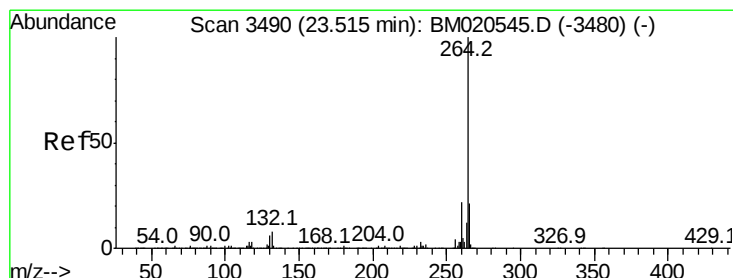
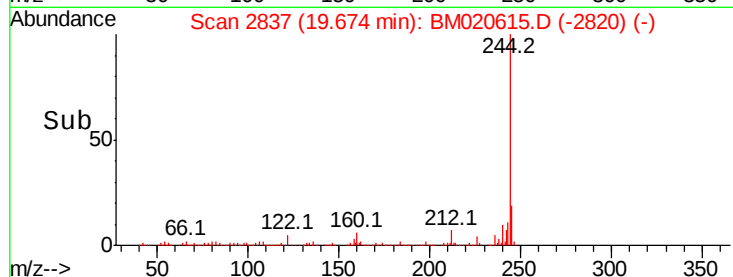
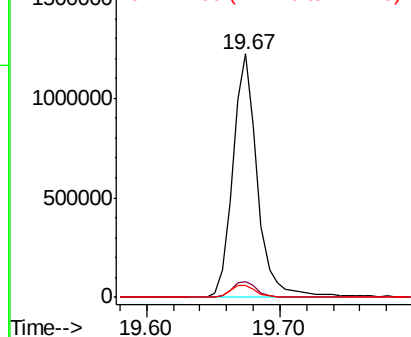
Manual Integrations
APPROVED

mohammad

5/30/2019 8:16:58 AM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BM020615.D

Acq: 30 May 2019 01:54

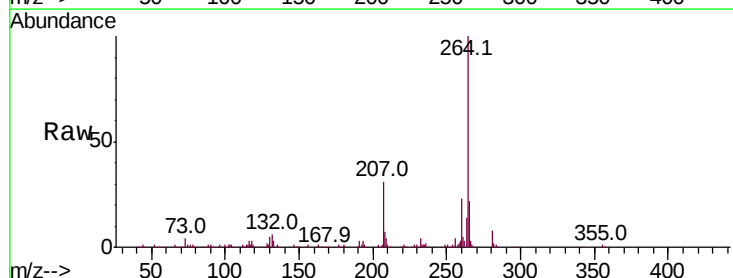
Tgt Ion:264 Resp: 364463

Ion Ratio Lower Upper

264 100

260 23.4 17.7 26.5

265 21.7 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

