

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095514.D
 Acq On : 28 May 2017 00:29
 Operator : SJ/MA
 Sample : I3244-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM8-COMP-6-18

Manual Integrations
 APPROVED

mohammad
 5/31/2017 1:03:35 PM

Quant Time: May 29 02:59:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	97467	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	403297	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	166560	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	247688	20.00	ng	0.00
75) Chrysene-d12	18.67	240	191422	20.00	ng	0.00
86) Perylene-d12	20.35	264	161008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	512313	87.63	ng	0.00
7) Phenol-d6	7.28	99	645326	92.00	ng	-0.01
23) Nitrobenzene-d5	8.65	82	367974	57.54	ng	0.00
41) 2,4,6-Tribromophenol	13.90	330	106020	77.72	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	626602	54.15	ng	0.00
78) Terphenyl-d14	17.31	244	346321	39.85	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.25	163	90635	6.63	ng	99
70) Phenanthrene	15.04	178	60882	4.28	ng	98
74) Fluoranthene	16.79	202	102876	7.05	ng	98
77) Pyrene	17.09	202	95675	6.68	ng	96
80) Benzo(a)anthracene	18.67	228	44083m	3.96	ng	
82) Chrysene	18.71	228	44350	4.12	ng	94
85) Indeno(1,2,3-cd)pyrene	21.72	276	19923	2.28	ng	# 81
87) Benzo(b)fluoranthene	19.95	252	50442m	5.07	ng	
89) Benzo(a)pyrene	20.30	252	34981	3.81	ng	# 90
91) Benzo(g,h,i)perylene	22.11	276	21117	2.84	ng	# 87

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

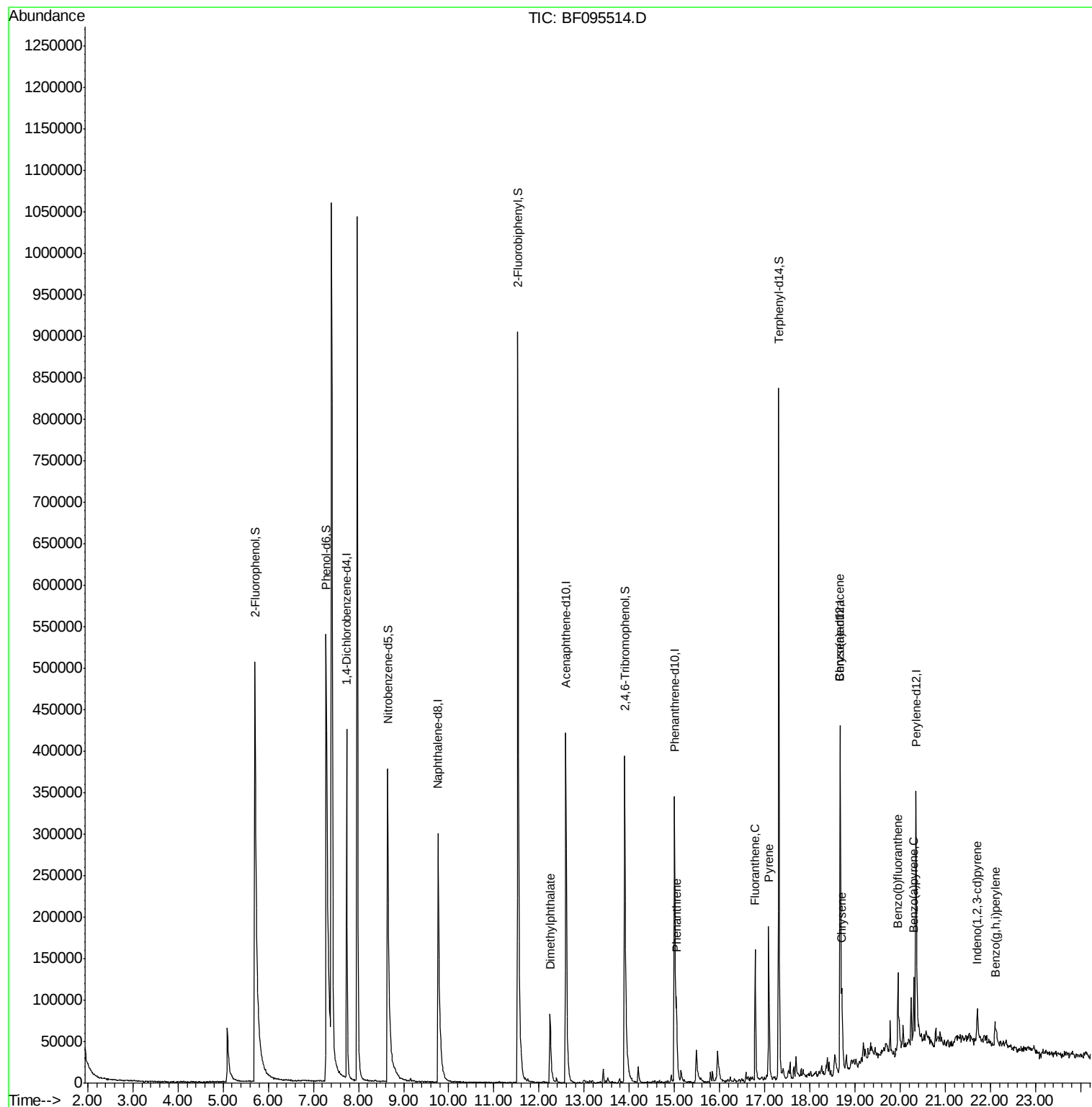
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095514.D
Acq On : 28 May 2017 00:29
Operator : SJ/MA
Sample : I3244-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM8-COMP-6-18

Manual Integrations
APPROVED

mohammad
5/31/2017 1:03:35 PM

Quant Time: May 29 02:59:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration





#1

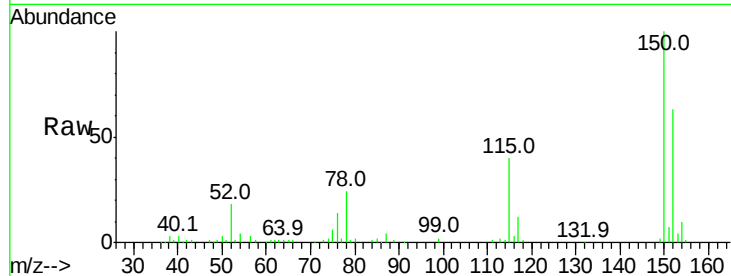
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095514.D
Acq: 28 May 2017 00:29

Instrument :
BNA_F
ClientSampleId :
NM8-COMP-6-18

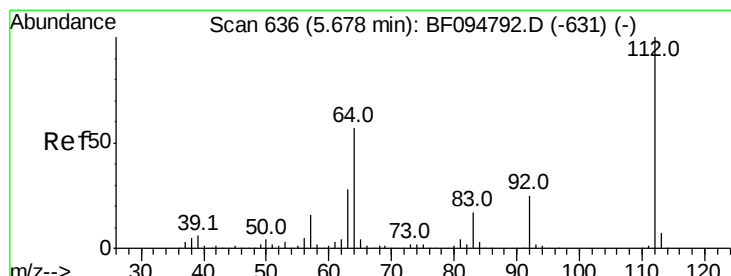
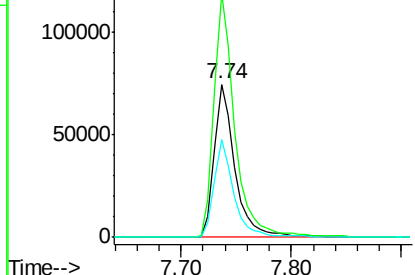
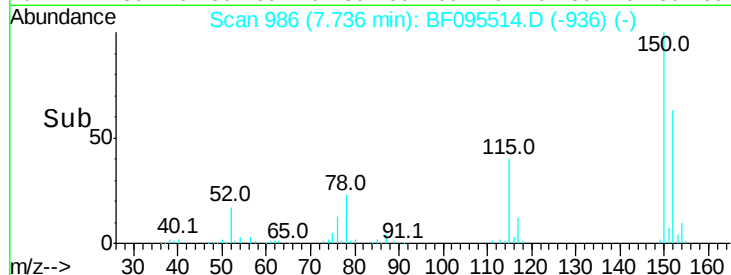
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.2	189.2
115	64.0	52.2	78.2

Manual Integrations
APPROVED

mohammad
5/31/2017 1:03:35 PM



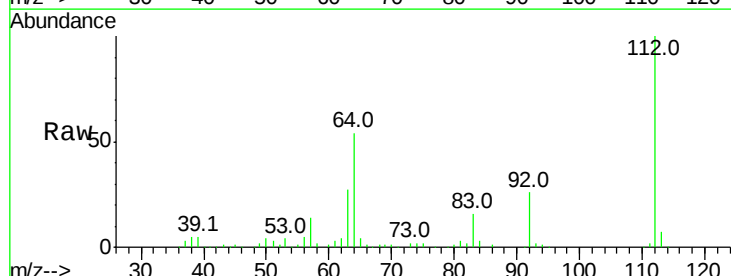
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



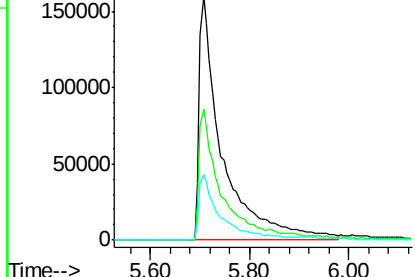
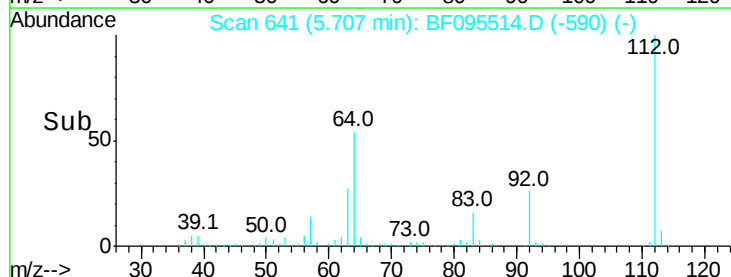
#5

2-Fluorophenol
Concen: 87.63 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF095514.D
Acq: 28 May 2017 00:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.0	69.0
63	26.9	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.00 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095514.D

Acq: 28 May 2017 00:29

Instrument :

BNA_F

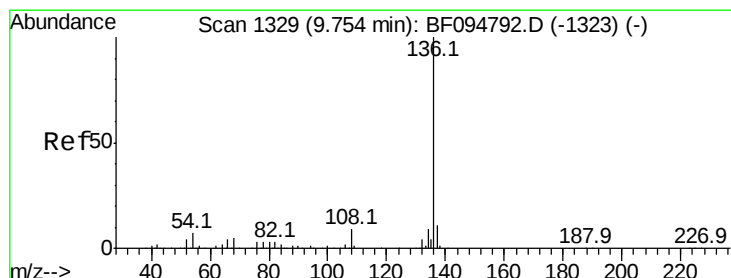
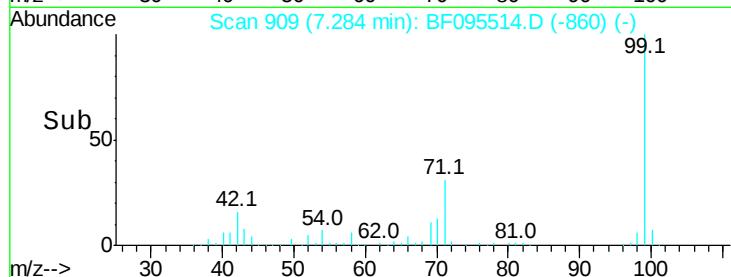
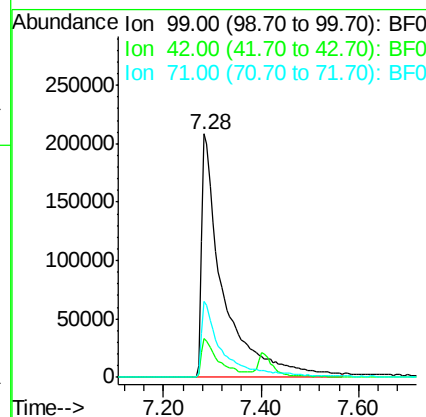
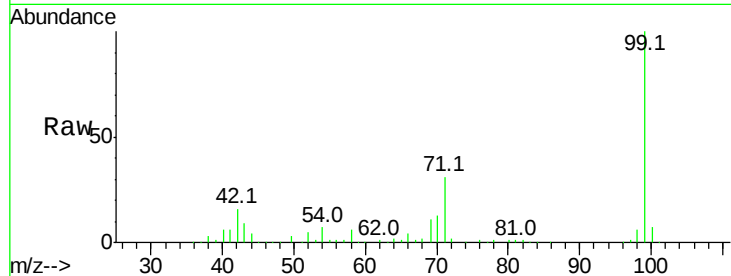
ClientSampleId :

NM8-COMP-6-18

Tot Ion:	99	Resp:	645326
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.5	20.3
71	31.3	24.5	36.7

Manual Integrations
APPROVED

mohammad
5/31/2017 1:03:35 PM



#21

Naphthalene-d8

Concen: 20.00 ng

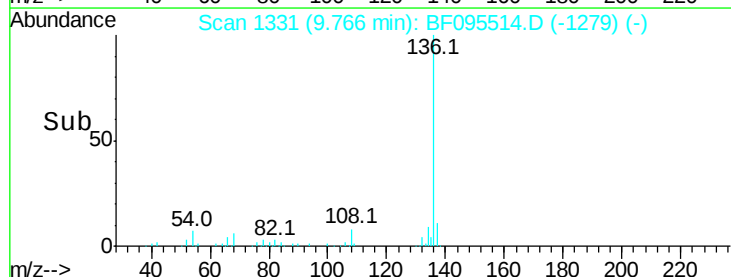
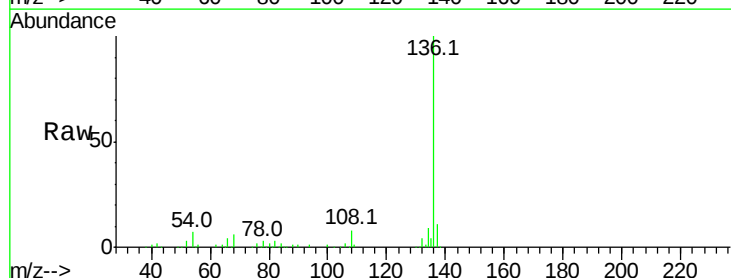
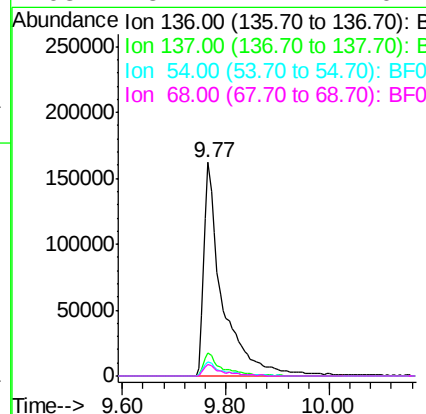
RT: 9.77 min Scan# 1331

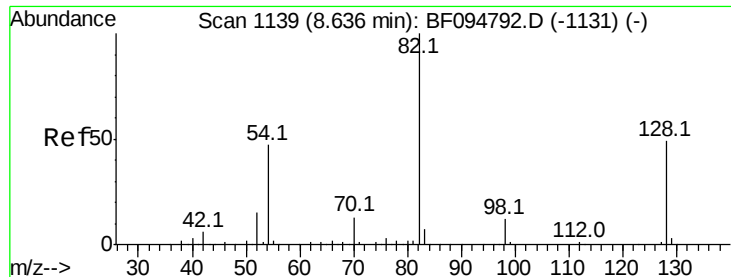
Delta R.T. 0.01 min

Lab File: BF095514.D

Acq: 28 May 2017 00:29

Tgt Ion:	136	Resp:	403297
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.7	4.9	7.3
68	5.7	4.1	6.1





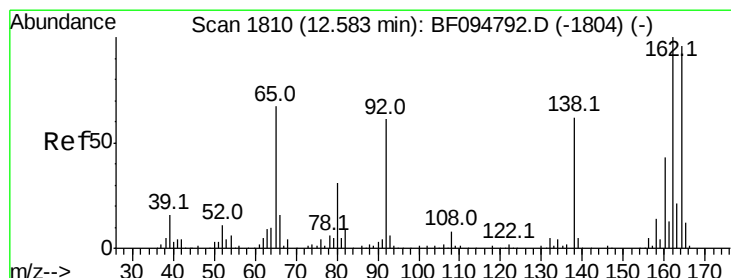
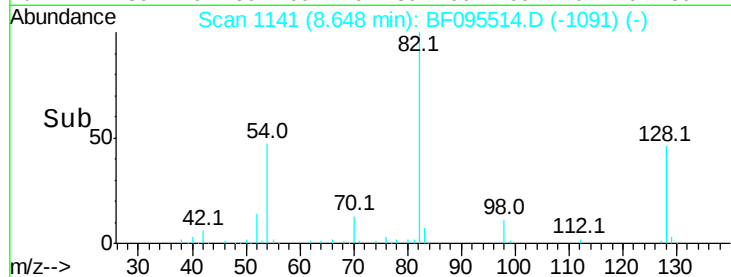
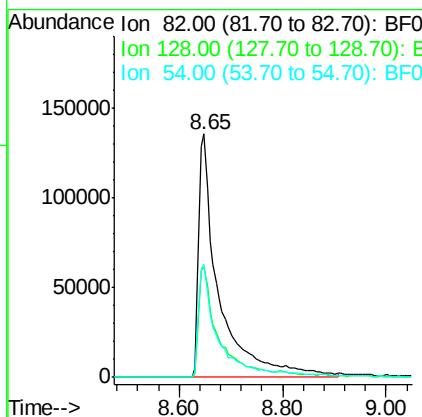
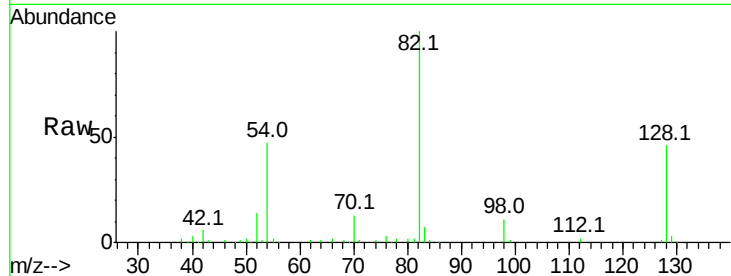
#23
Nitrobenzene-d5
Concen: 57.54 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF095514.D
Acq: 28 May 2017 00:29

Instrument :
BNA_F
ClientSampled :
NM8-COMP-6-18

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.0	51.0
54	46.6	42.2	63.2

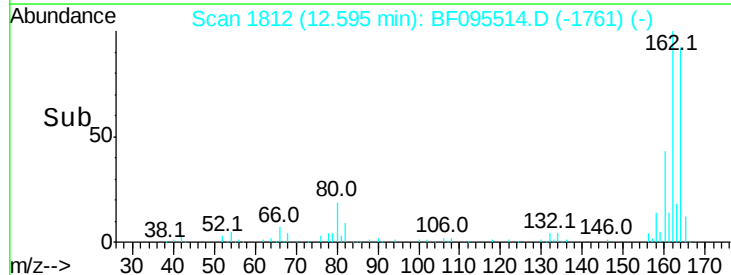
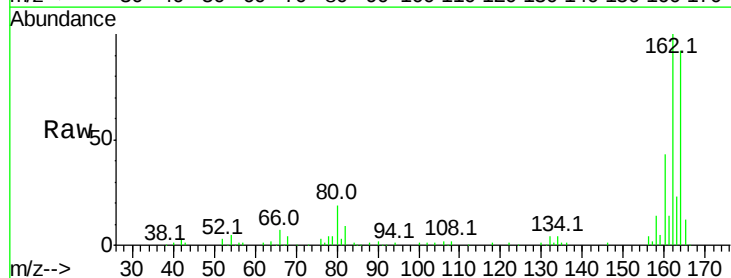
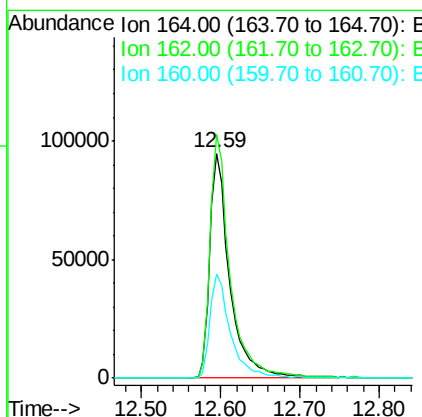
Manual Integrations
APPROVED

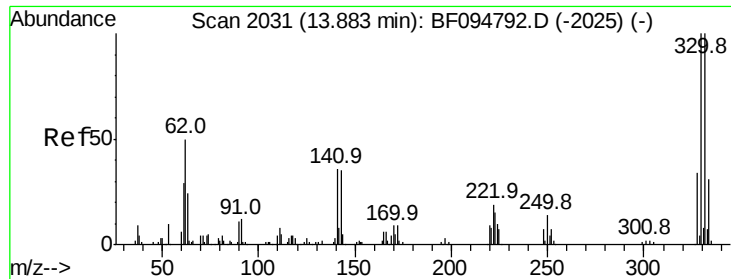
mohammad
5/31/2017 1:03:35 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF095514.D
Acq: 28 May 2017 00:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	82.6	123.8
160	46.4	36.2	54.2





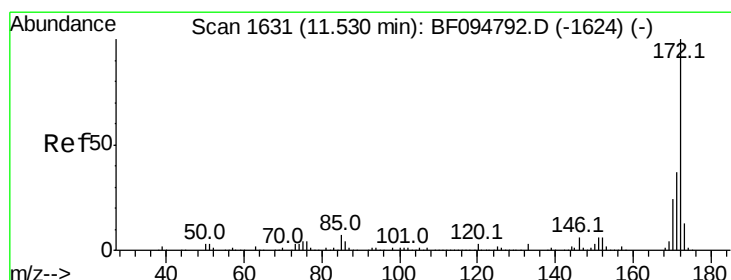
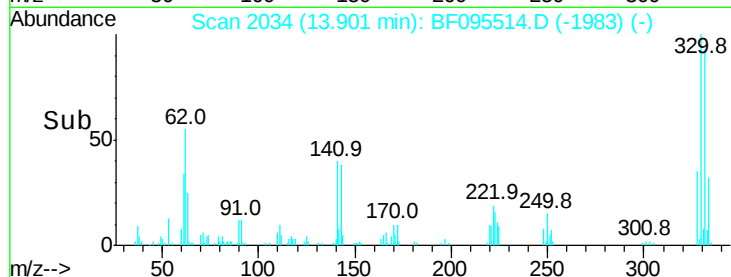
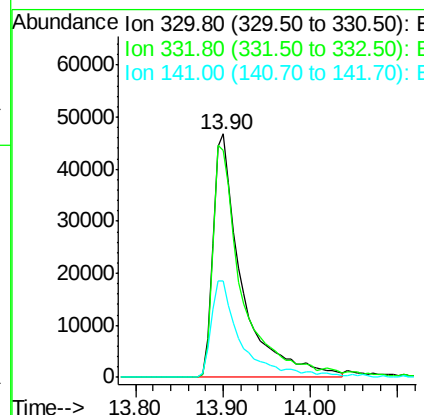
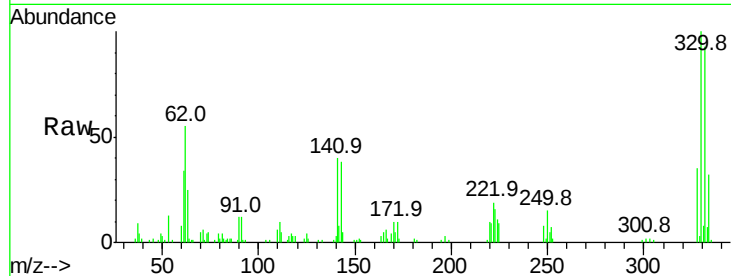
#41
 2,4,6-Tribromophenol
 Concen: 77.72 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF095514.D
 Acq: 28 May 2017 00:29

Instrument :
 BNA_F
 ClientSampleId :
 NM8-COMP-6-18

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	41.6	31.4	47.2

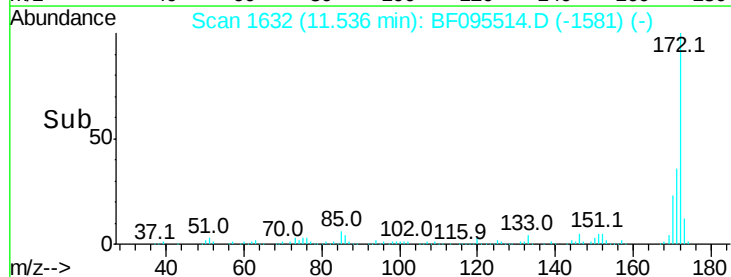
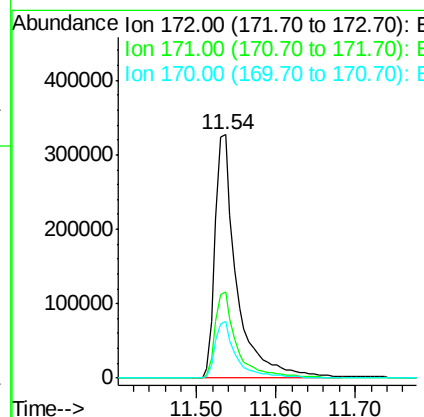
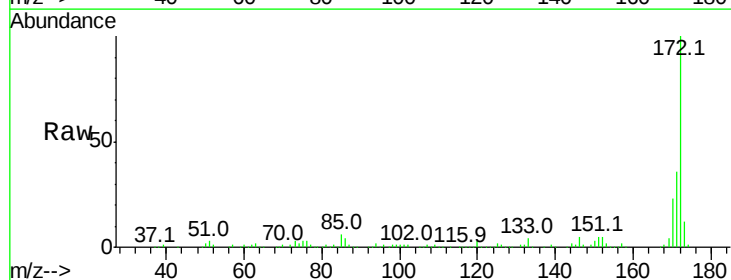
Manual Integrations
 APPROVED

mohammad
 5/31/2017 1:03:35 PM



#44
 2-Fluorobiphenyl
 Concen: 54.15 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095514.D
 Acq: 28 May 2017 00:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.2	19.8	29.8





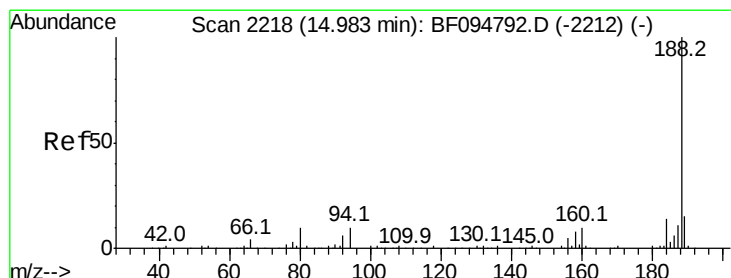
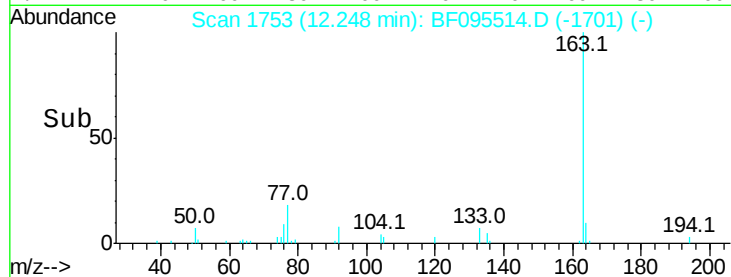
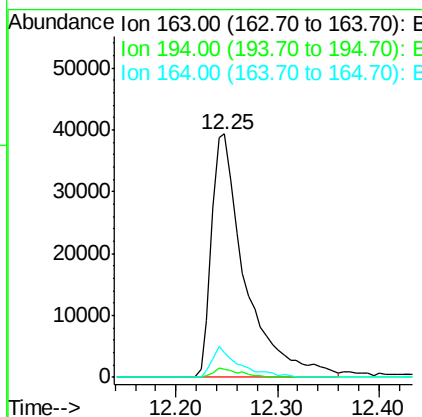
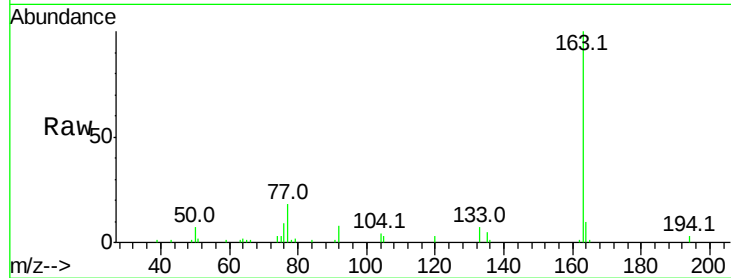
#49
Dimethylphthalate
Concen: 6.63 ng
RT: 12.25 min Scan# 1753
Delta R.T. 0.01 min
Lab File: BF095514.D
Acq: 28 May 2017 00:29

Instrument :
BNA_F
ClientSampleId :
NM8-COMP-6-18

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.0	8.4	12.6	

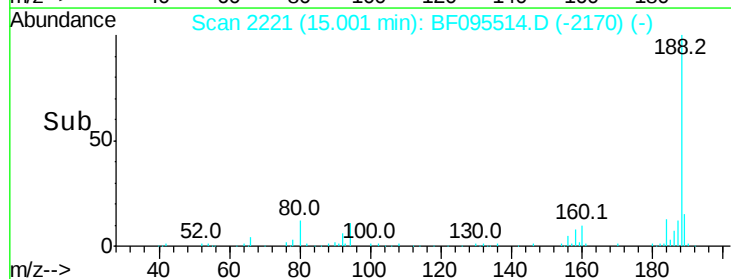
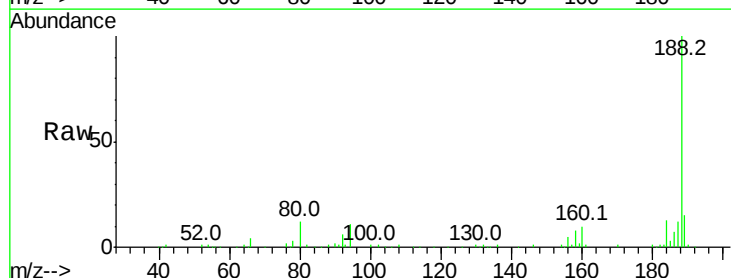
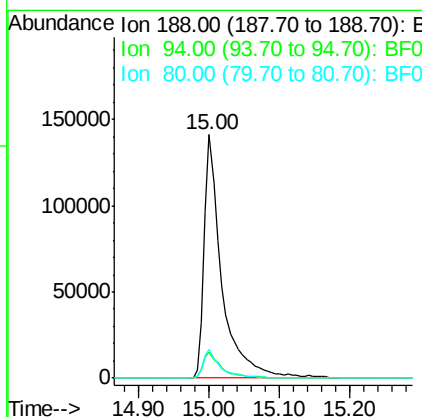
Manual Integrations
APPROVED

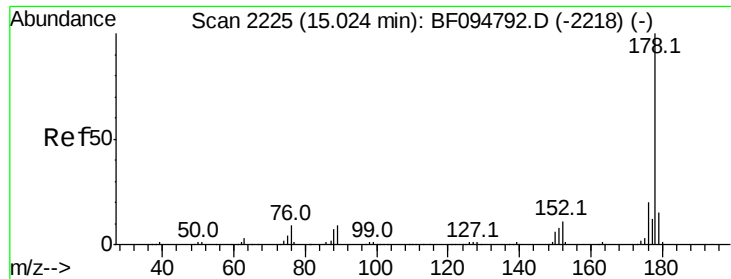
mohammad
5/31/2017 1:03:35 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF095514.D
Acq: 28 May 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	9.4	14.2	
80	11.6	10.2	15.2	





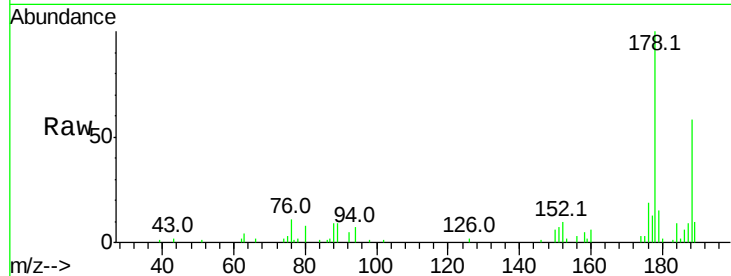
#70
Phenanthrene
Concen: 4.28 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF095514.D
Acq: 28 May 2017 00:29

Instrument :
BNA_F
ClientSampleId :
NM8-COMP-6-18

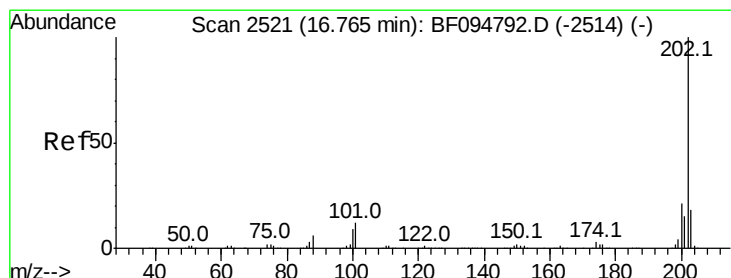
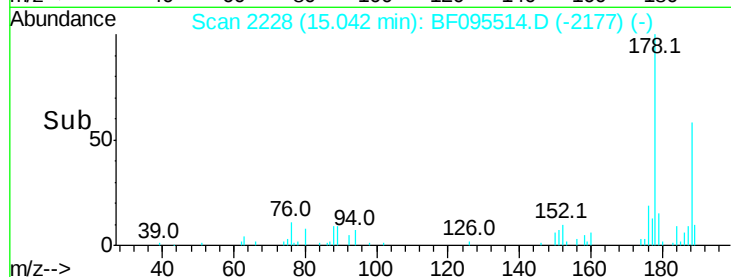
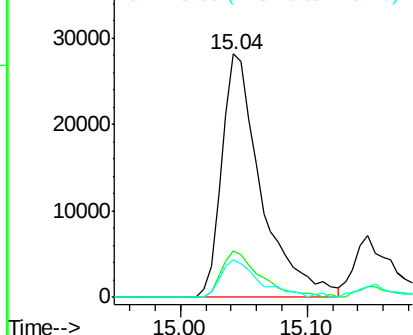
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.3	12.6	19.0

Manual Integrations
APPROVED

mohammad
5/31/2017 1:03:35 PM

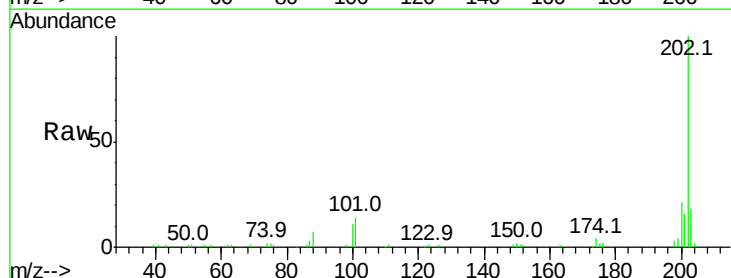


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

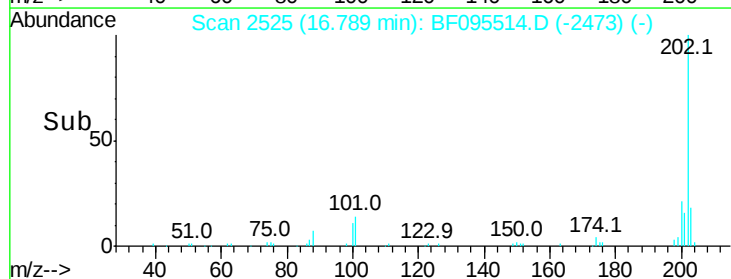
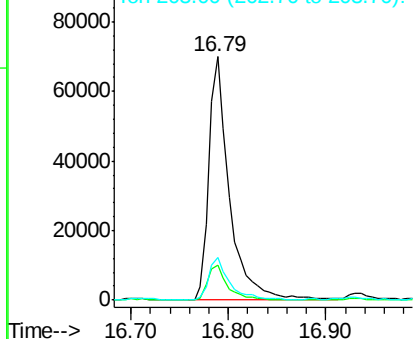


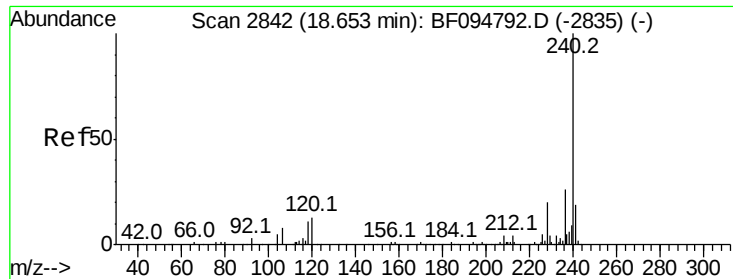
#74
Fluoranthene
Concen: 7.05 ng
RT: 16.79 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF095514.D
Acq: 28 May 2017 00:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.6	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095514.D

Acq: 28 May 2017 00:29

Instrument :

BNA_F

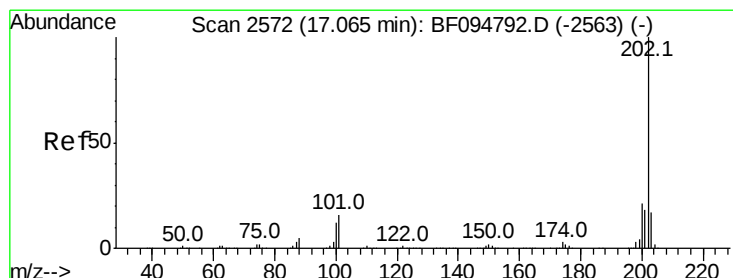
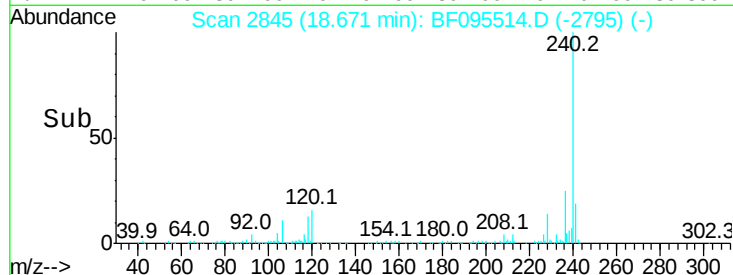
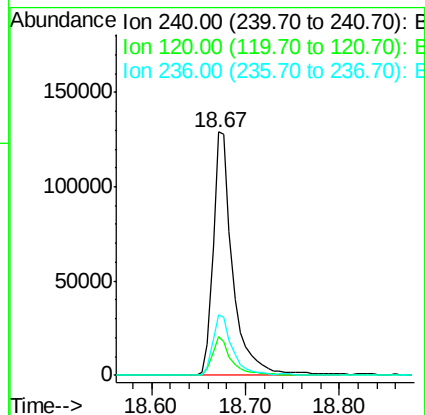
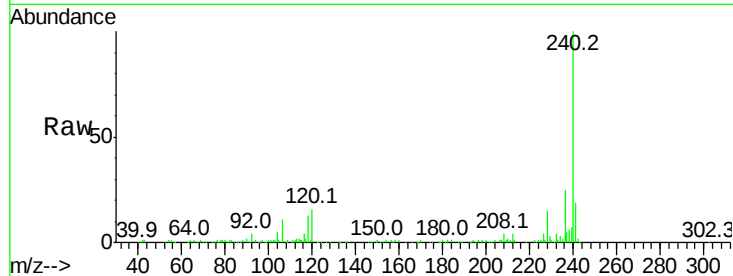
ClientSampleId :

NM8-COMP-6-18

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	24.9	20.5	30.7

Manual Integrations
APPROVED

mohammad
5/31/2017 1:03:35 PM



#77

Pyrene

Concen: 6.68 ng

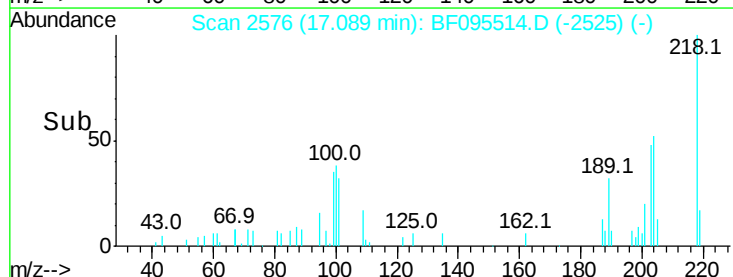
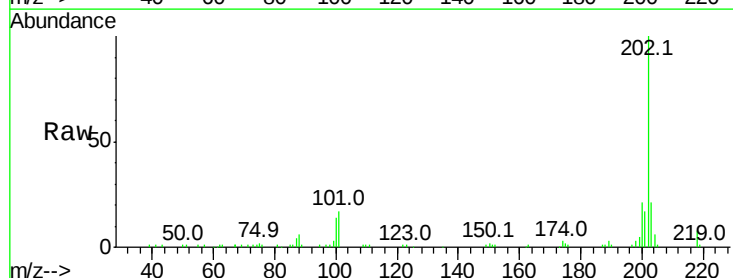
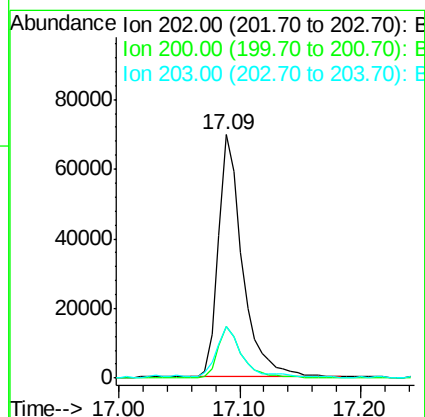
RT: 17.09 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BF095514.D

Acq: 28 May 2017 00:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	21.3	14.4	21.6





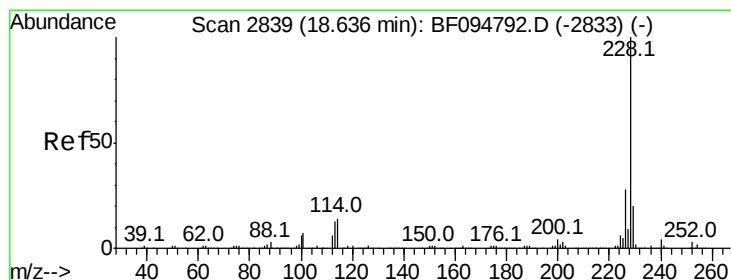
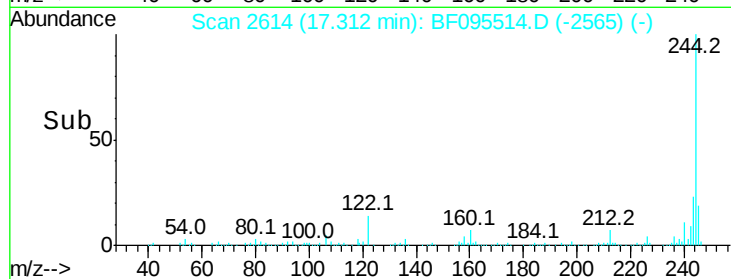
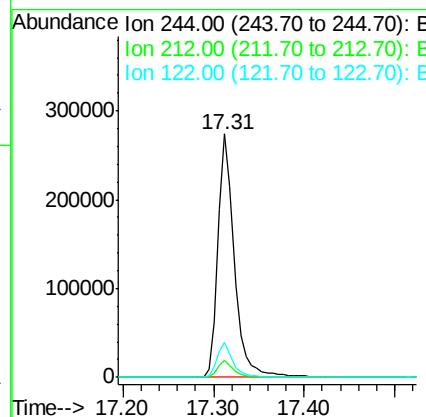
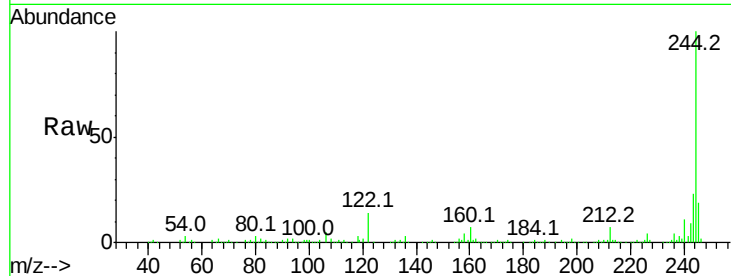
#78
 Terphenyl-d14
 Concen: 39.85 ng
 RT: 17.31 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BF095514.D
 Acq: 28 May 2017 00:29

Instrument :
 BNA_F
 ClientSampleId :
 NM8-COMP-6-18

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.3	10.3	15.5

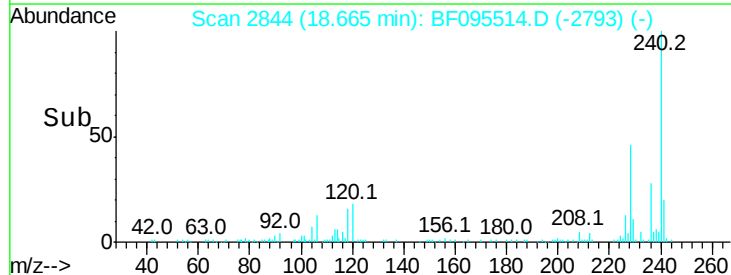
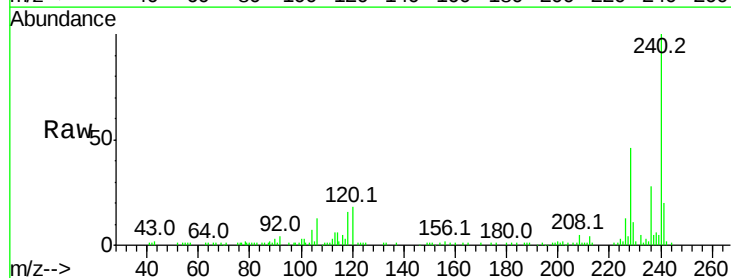
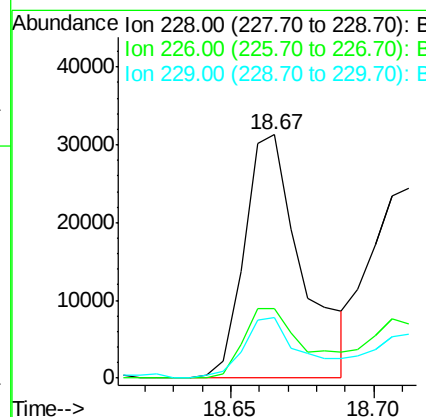
Manual Integrations
 APPROVED

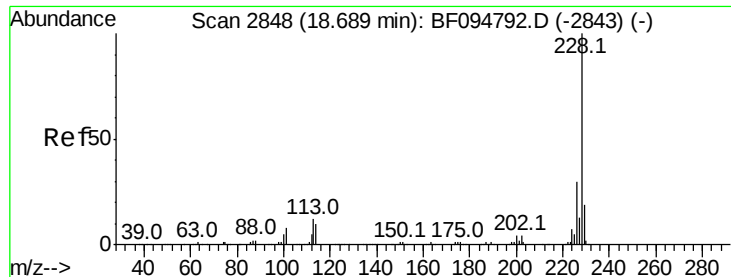
mohammad
 5/31/2017 1:03:35 PM



#80
 Benzo(a)anthracene
 Concen: 3.96 ng m
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.00 min
 Lab File: BF095514.D
 Acq: 28 May 2017 00:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	24.8	16.3	24.5





#82

Chrysene

Concen: 4.12 ng

RT: 18.71 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BF095514.D

Acq: 28 May 2017 00:29

Instrument :

BNA_F

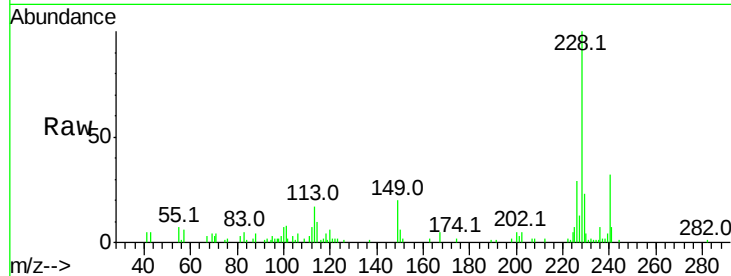
ClientSampleId :

NM8-COMP-6-18

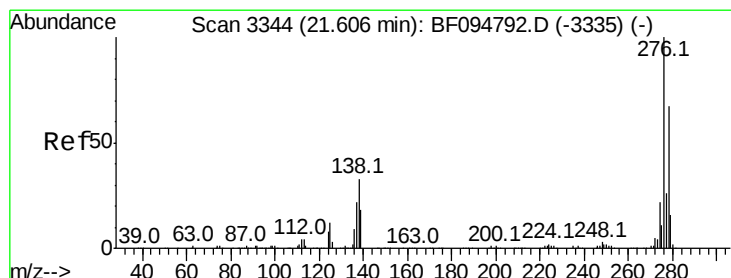
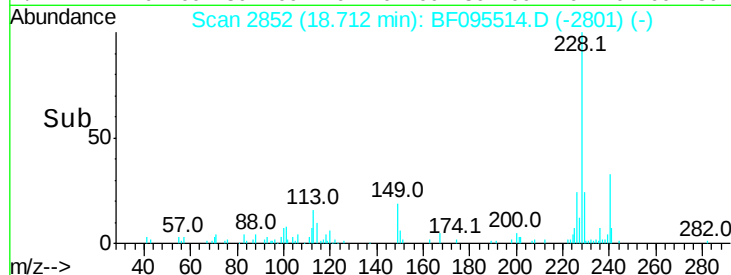
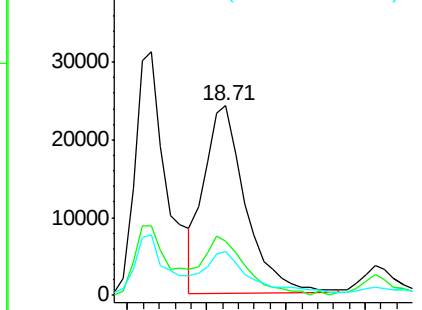
Tot Ion:	228	Resp:	44350
Ion Ratio	Lower	Upper	
228	100		
226	28.5	24.9	37.3
229	23.3	15.8	23.6

Manual Integrations
APPROVED

mohammad
5/31/2017 1:03:35 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.28 ng

RT: 21.72 min Scan# 3363

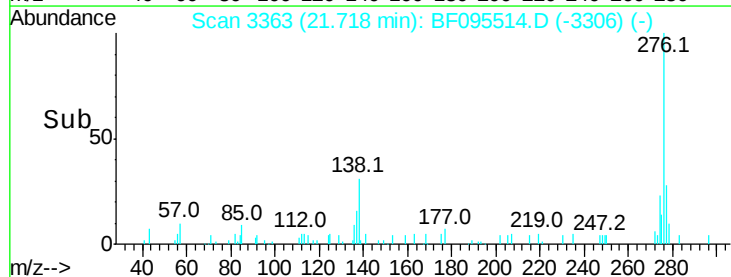
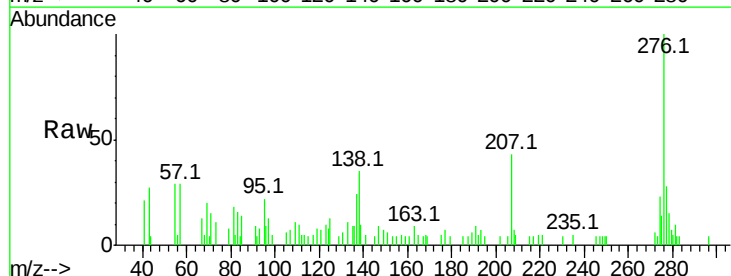
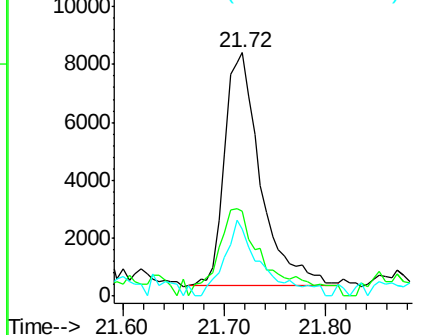
Delta R.T. 0.04 min

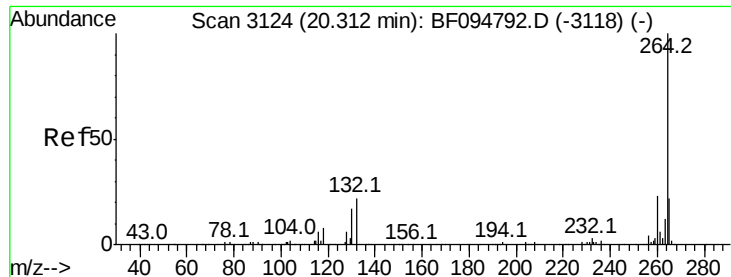
Lab File: BF095514.D

Acq: 28 May 2017 00:29

Tgt Ion:	276	Resp:	19923
Ion Ratio	Lower	Upper	
276	100		
138	49.1	27.8	41.6#
277	31.4	20.2	30.4#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





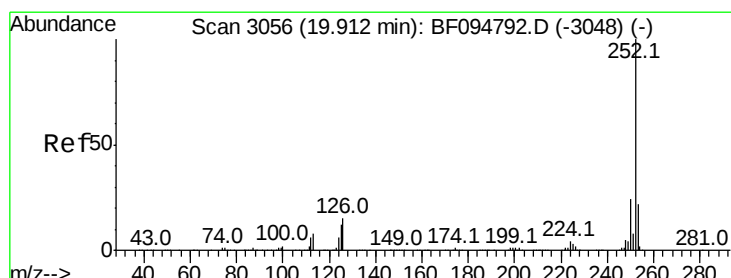
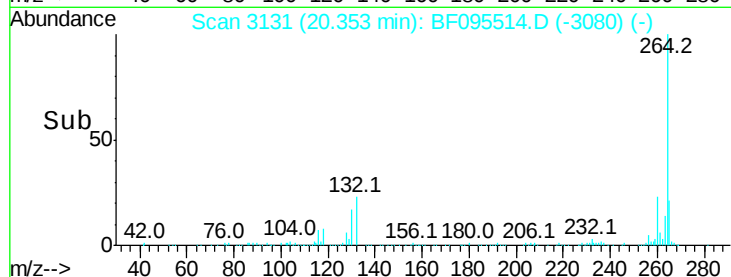
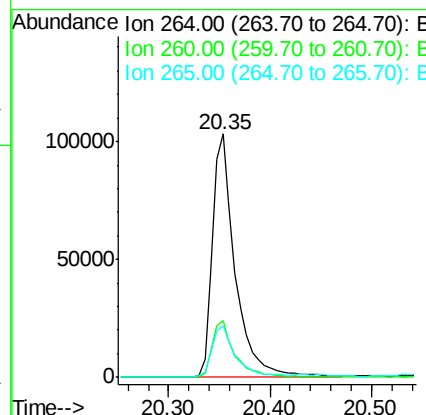
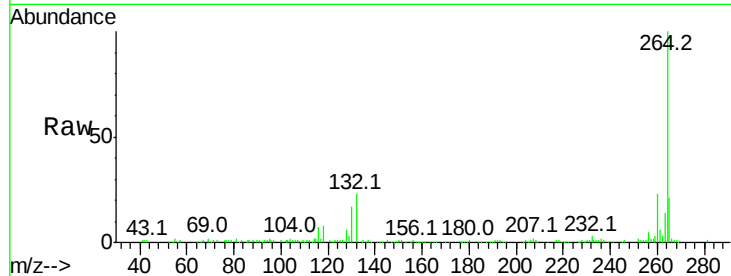
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095514.D
Acq: 28 May 2017 00:29

Instrument :
BNA_F
ClientSampleId :
NM8-COMP-6-18

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.9	17.2	25.8

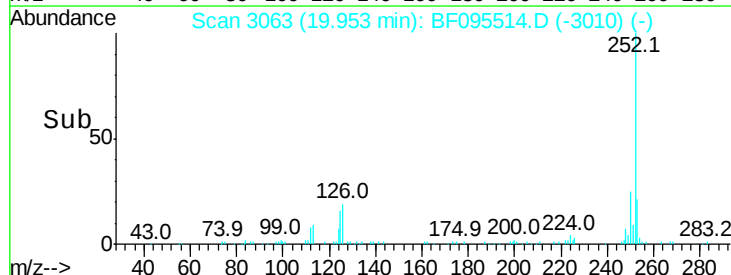
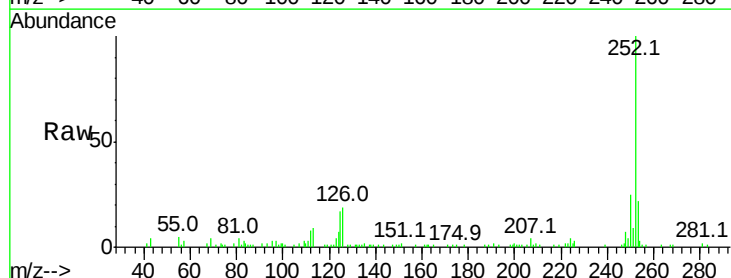
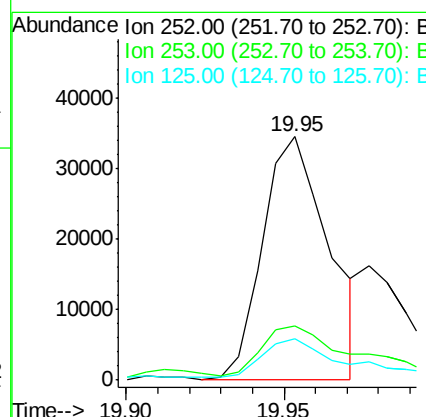
Manual Integrations
APPROVED

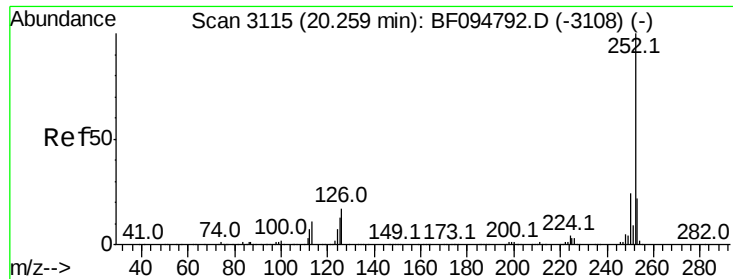
mohammad
5/31/2017 1:03:35 PM



#87
Benzo(b)fluoranthene
Concen: 5.07 ng m
RT: 19.95 min Scan# 3063
Delta R.T. 0.01 min
Lab File: BF095514.D
Acq: 28 May 2017 00:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	17.2	9.8	14.8#





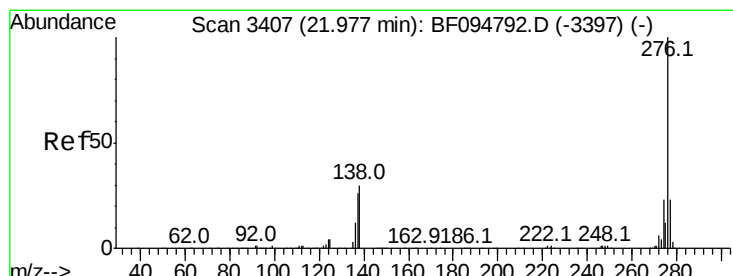
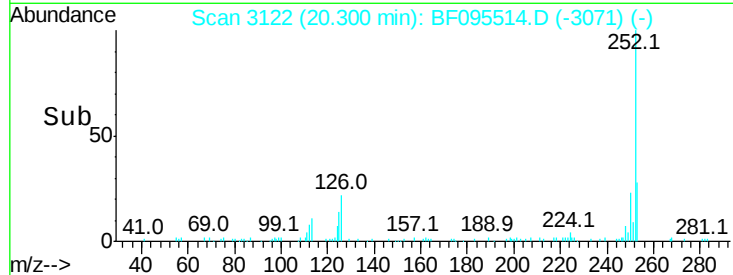
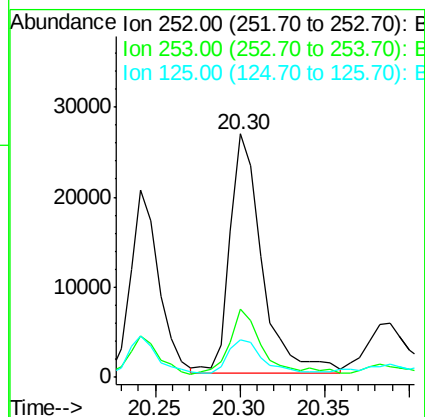
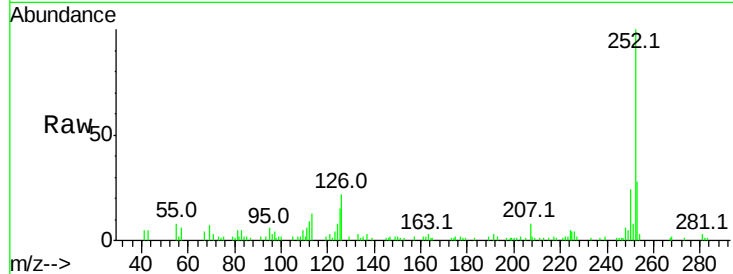
#89
Benzo(a)pyrene
Concen: 3.81 ng
RT: 20.30 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BF095514.D
Acq: 28 May 2017 00:29

Instrument :
BNA_F
ClientSampleId :
NM8-COMP-6-18

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.5	26.3#
125	15.5	11.0	16.4

Manual Integrations
APPROVED

mohammad
5/31/2017 1:03:35 PM



#91
Benzo(g,h,i)perylene
Concen: 2.84 ng
RT: 22.11 min Scan# 3429
Delta R.T. 0.04 min
Lab File: BF095514.D
Acq: 28 May 2017 00:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.7	18.6	28.0#
138	39.3	25.4	38.0#

