

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
 Data File : BE092856.D
 Acq On : 29 Mar 2017 3:39
 Operator : SJ/MA
 Sample : I2341-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170320

Manual Integrations
 APPROVED

mohammad
 3/29/2017 2:37:58 PM

Quant Time: Mar 29 12:55:20 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 14:58:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	8125	5.00	ng	-0.02
7) Naphthalene-d8	10.54	136	35585	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	17749	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	40983	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	51922	5.00	ng	-0.02
31) Perylene-d12	23.70	264	49092	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	7161	3.78	ng	0.00
5) Phenol-d6	6.94	99	5768m	2.08	ng	0.00
8) Nitrobenzene-d5	8.93	82	9910	4.85	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	3763	13.57	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	28206	4.82	ng	-0.01
26) Terphenyl-d14	19.76	244	35665	3.97	ng	0.00
Target Compounds						
22) Anthracene	17.27	178	391	0.04	ng	96
29) Bis(2-ethylhexyl)phthalate	21.21	149	781	0.25	ng	# 77

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

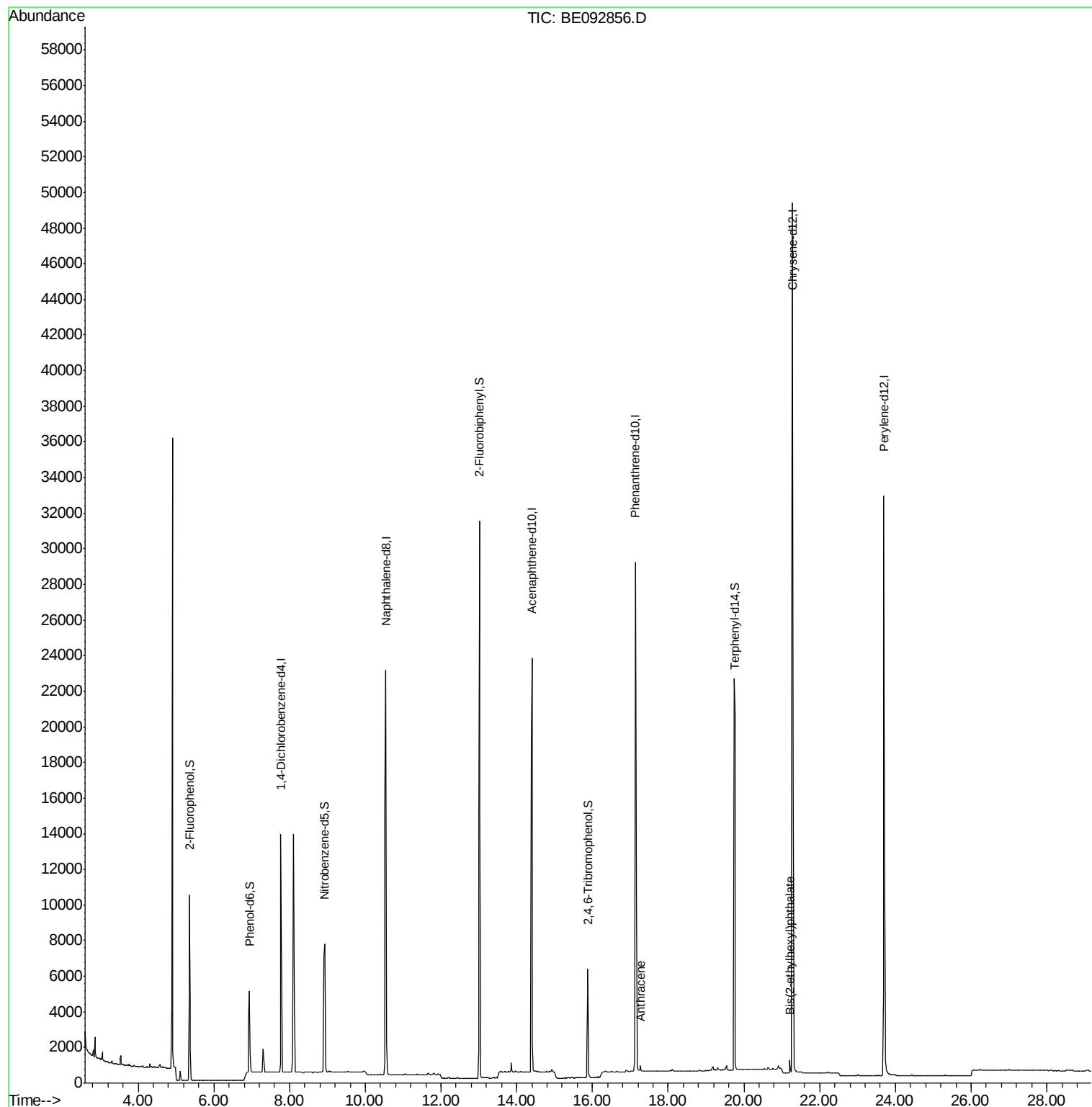
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092856.D
Acq On : 29 Mar 2017 3:39
Operator : SJ/MA
Sample : I2341-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

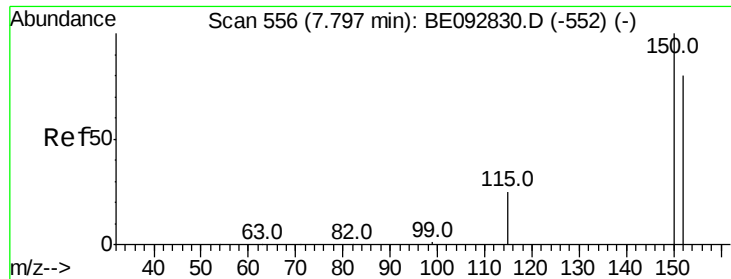
Instrument :
BNA_E
ClientSampleId :
KY038PS027-170320

Manual Integrations
APPROVED

mohammad
3/29/2017 2:37:58 PM

Quant Time: Mar 29 12:55:20 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 14:58:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092856.D

Acq: 29 Mar 2017 3:39

Instrument :

BNA_E

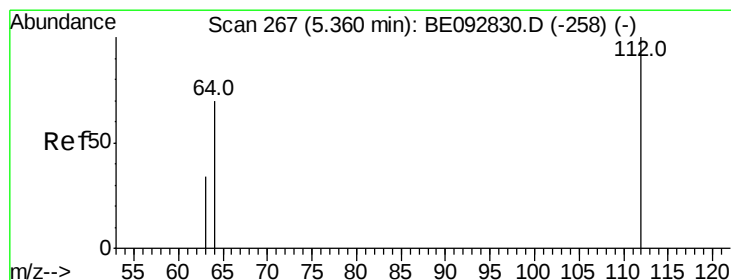
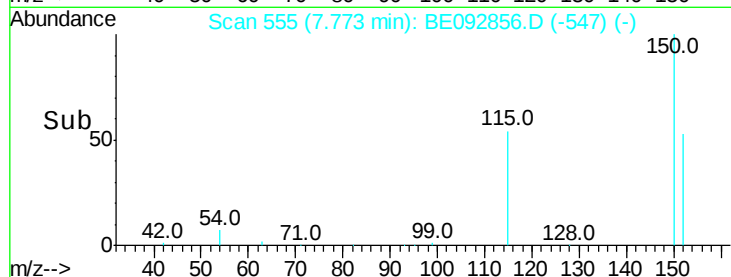
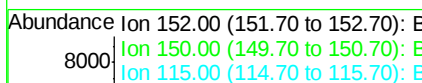
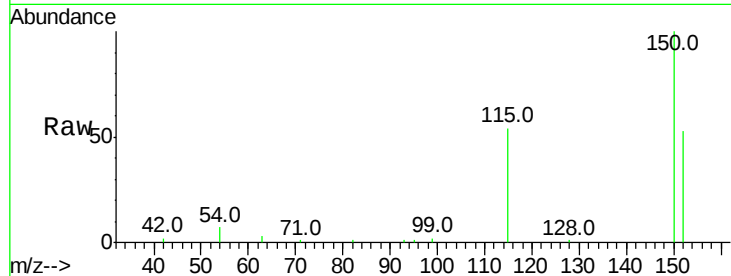
ClientSampleId :

KY038PS027-170320

Tot Ion:	152	Resp:	8125
Ion Ratio	Lower	Upper	
152	100		
150	189.1	106.0	159.0#
115	102.0	31.2	46.8#

Manual Integrations
APPROVED

mohammad
3/29/2017 2:37:58 PM



#4

2-Fluorophenol

Concen: 3.78 ng

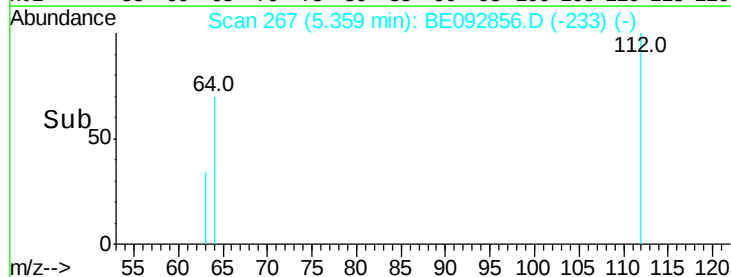
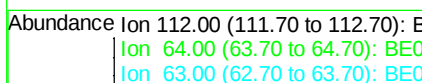
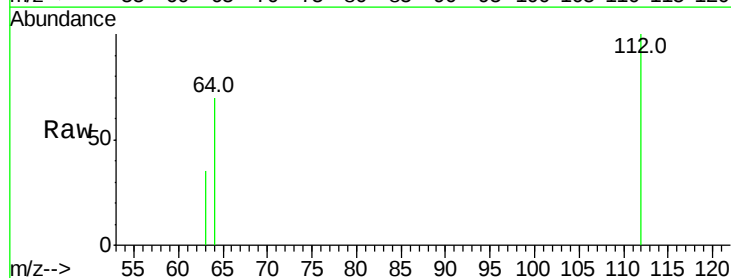
RT: 5.36 min Scan# 267

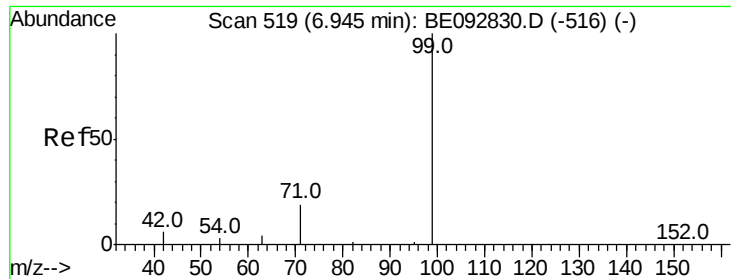
Delta R.T. -0.00 min

Lab File: BE092856.D

Acq: 29 Mar 2017 3:39

Tgt Ion:	112	Resp:	7161
Ion Ratio	Lower	Upper	
112	100		
64	68.8	53.5	80.3
63	35.4	27.9	41.9





#5

Phenol-d6

Concen: 2.08 ng/ml

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092856.D

Acq: 29 Mar 2017 3:39

Instrument :

BNA_E

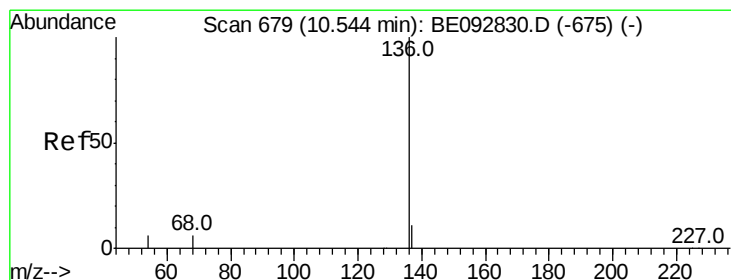
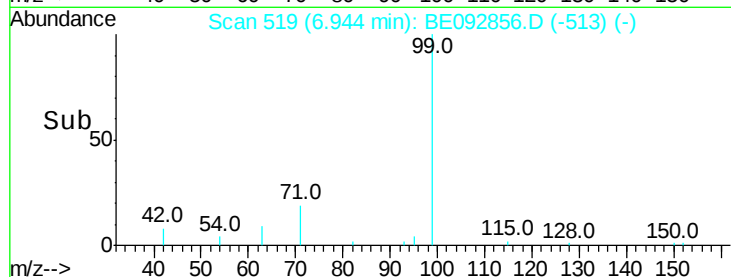
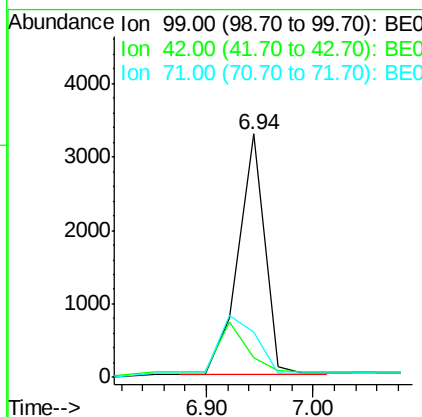
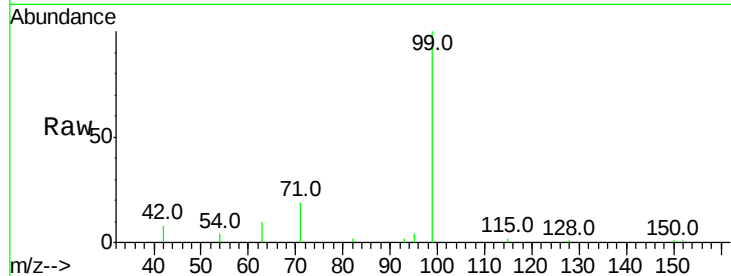
ClientSampleId :

KY038PS027-170320

Tot Ion:	99	Resp:	5768
Ion Ratio	Lower	Upper	
99	100		
42	0.0	16.0	24.0#
71	0.0	30.6	45.8#

Manual Integrations
APPROVED

mohammad
3/29/2017 2:37:58 PM



#7

Naphthalene-d8

Concen: 5.00 ng

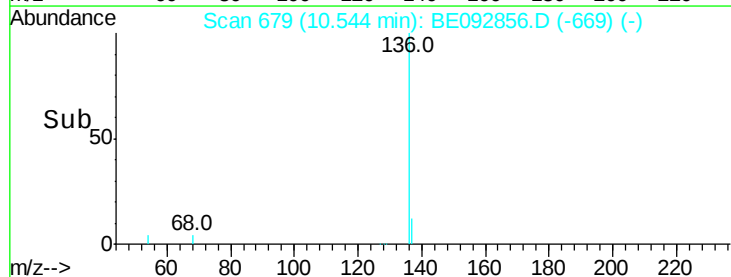
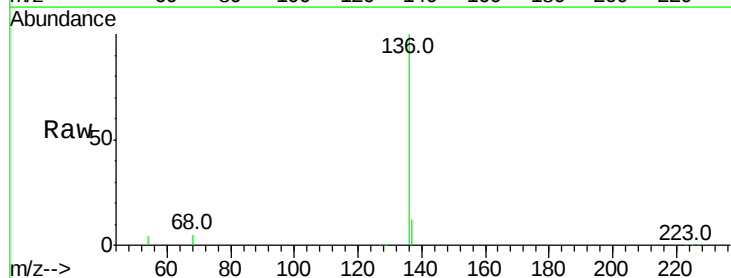
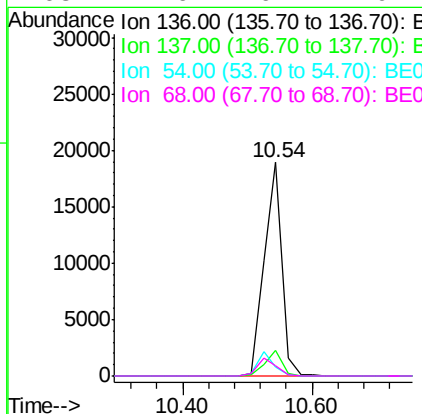
RT: 10.54 min Scan# 679

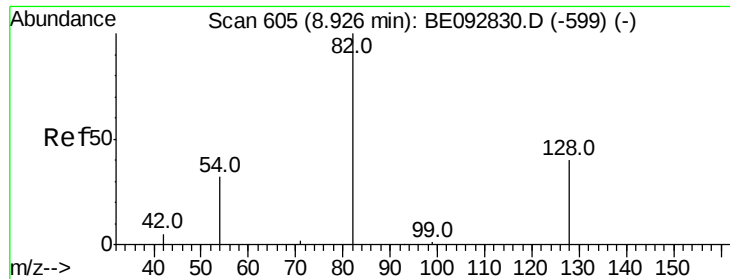
Delta R.T. -0.00 min

Lab File: BE092856.D

Acq: 29 Mar 2017 3:39

Tgt Ion:	136	Resp:	35585
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.2	12.4
54	4.5	9.6	14.4#
68	4.6	6.7	10.1#





#8

Nitrobenzene-d5

Concen: 4.85 ng

RT: 8.93 min Scan# 605

Delta R.T. -0.00 min

Lab File: BE092856.D

Acq: 29 Mar 2017 3:39

Instrument :

BNA_E

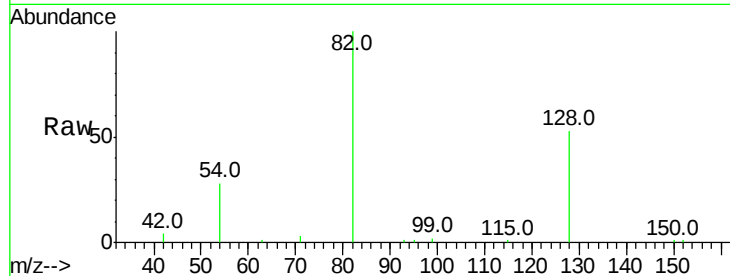
ClientSampleId :

KY038PS027-170320

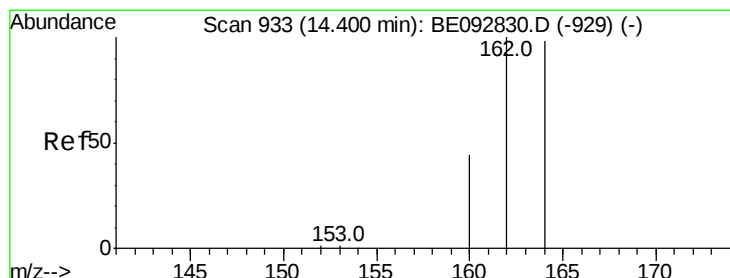
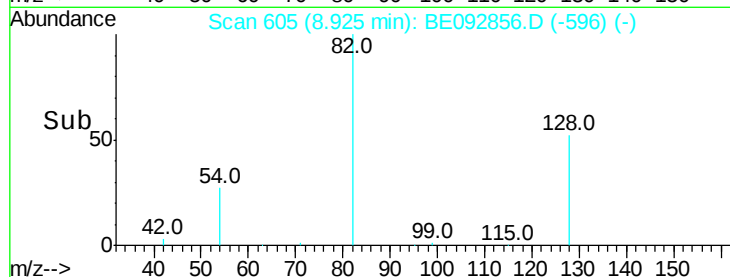
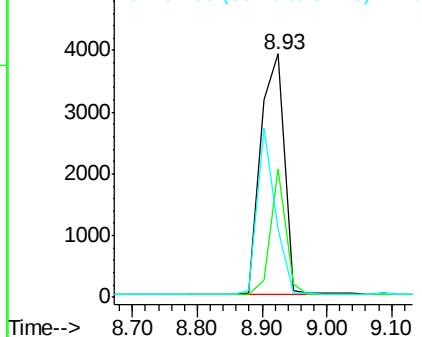
Tot Ion:	82	Resp:	9910
Ion Ratio	Lower	Upper	
82	100		
128	52.7	39.0	58.4
54	27.8	44.8	67.2#

Manual Integrations
APPROVED

mohammad
3/29/2017 2:37:58 PM



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

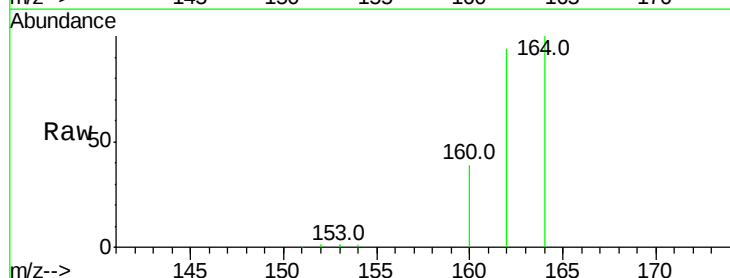
RT: 14.40 min Scan# 933

Delta R.T. -0.00 min

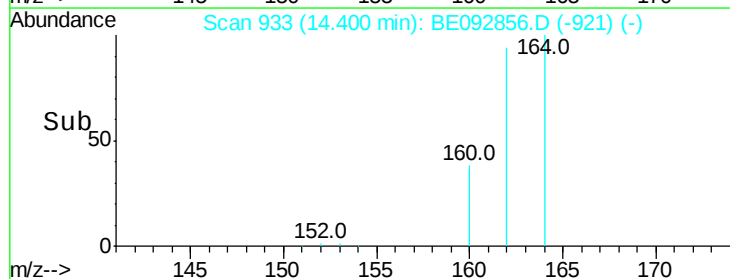
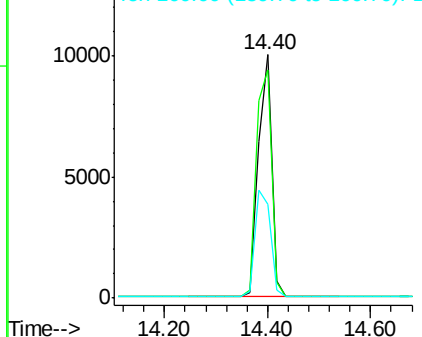
Lab File: BE092856.D

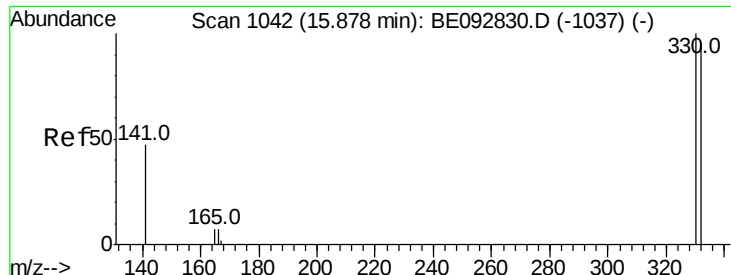
Acq: 29 Mar 2017 3:39

Tgt Ion:	164	Resp:	17749
Ion Ratio	Lower	Upper	
164	100		
162	93.7	71.4	107.0
160	38.6	27.4	41.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





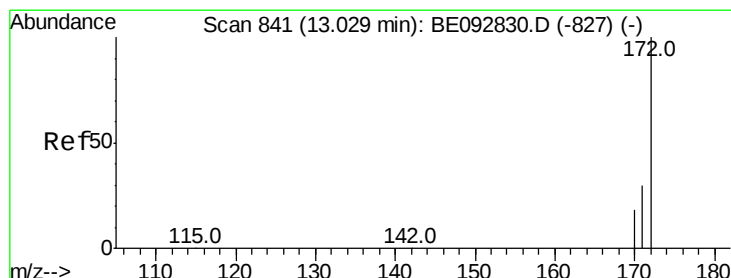
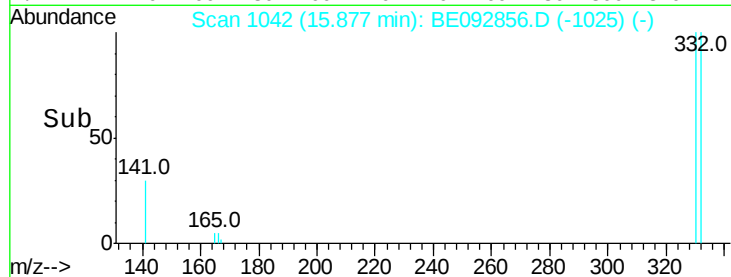
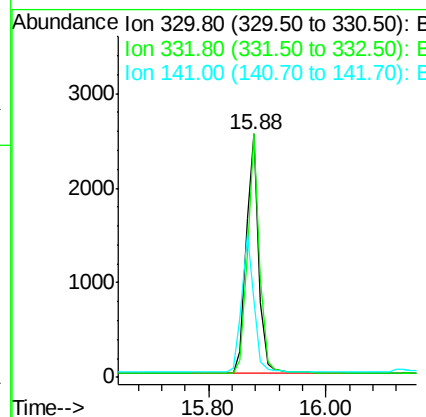
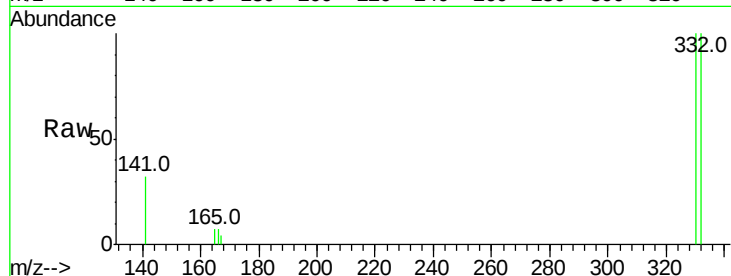
#13
 2,4,6-Tribromophenol
 Concen: 13.57 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE092856.D
 Acq: 29 Mar 2017 3:39

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170320

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.0
141	57.0	31.0	46.6

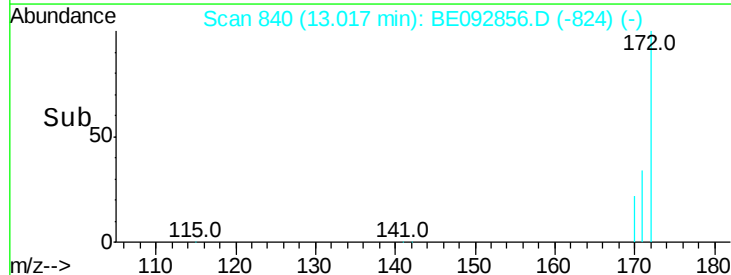
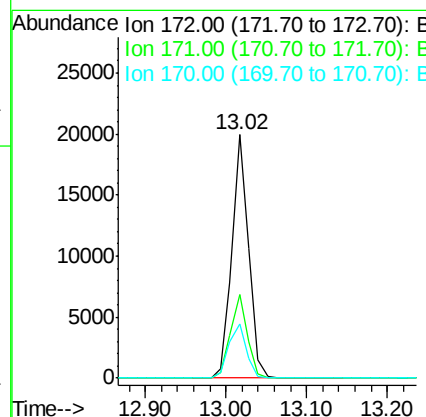
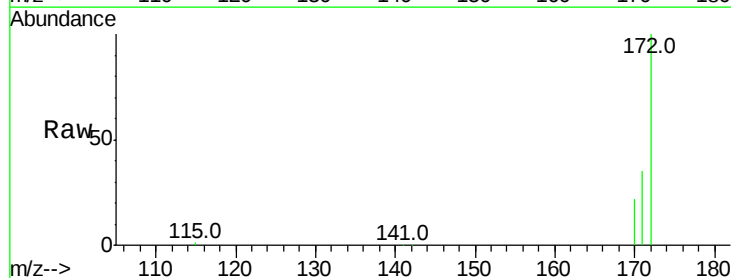
Manual Integrations
 APPROVED

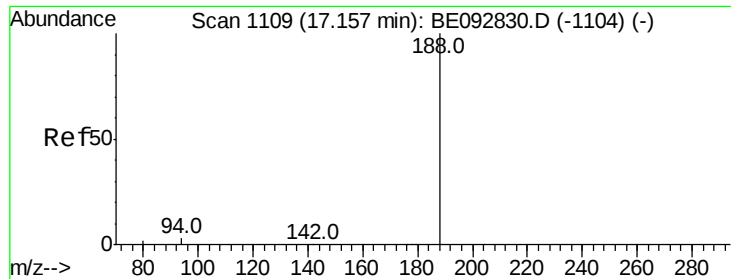
mohammad
 3/29/2017 2:37:58 PM



#14
 2-Fluorobiphenyl
 Concen: 4.82 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092856.D
 Acq: 29 Mar 2017 3:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.1	45.1
170	22.4	21.8	32.6





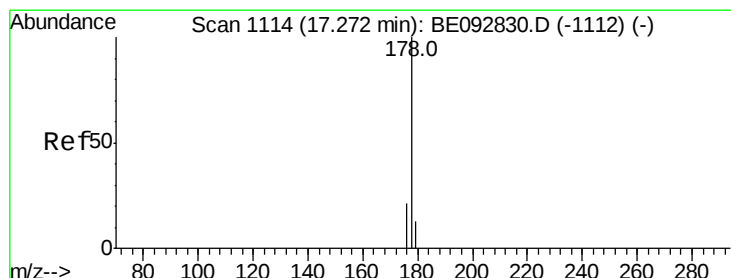
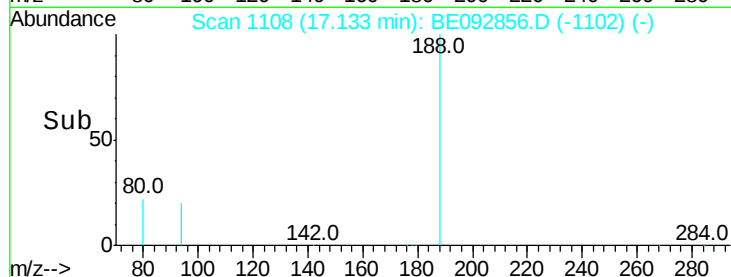
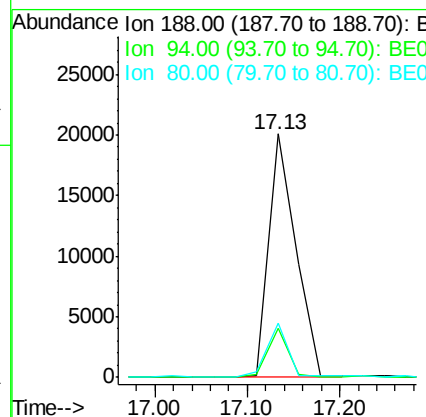
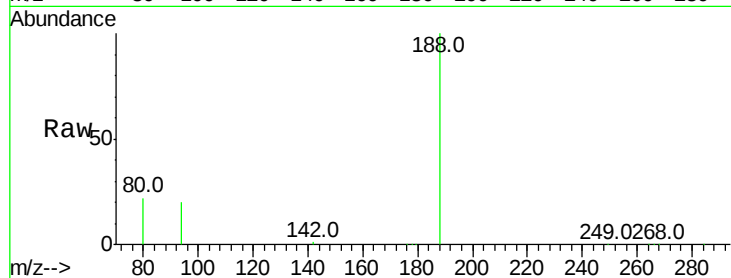
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Instrument :
BNA_E
ClientSampleId :
KY038PS027-170320

Tot Ion	Ratio	Lower	Upper
188	100		
94	20.4	3.2	4.8#
80	22.3	2.6	3.8#

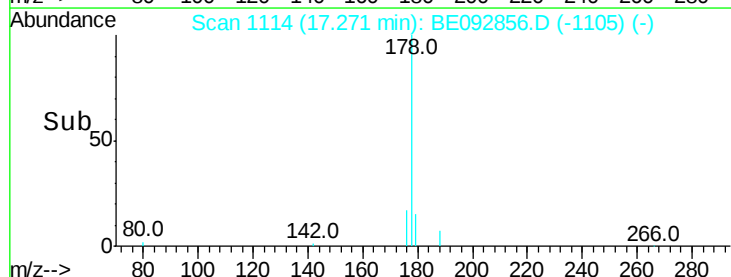
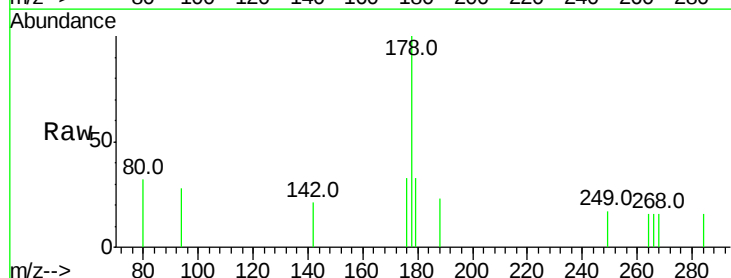
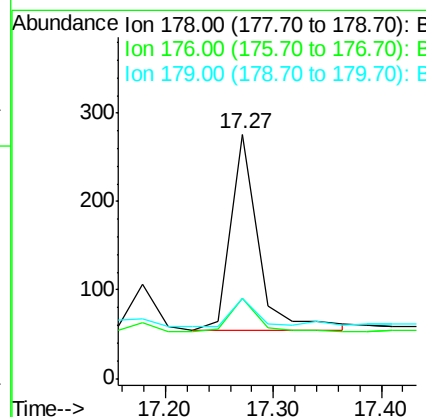
Manual Integrations
APPROVED

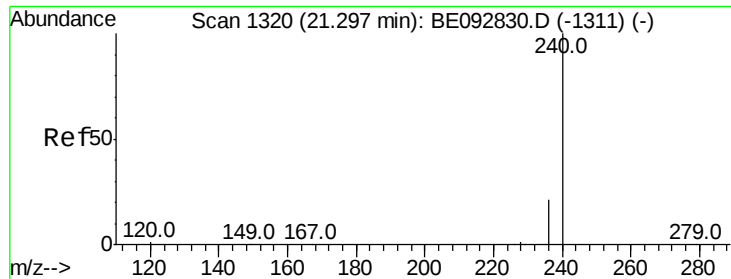
mohammad
3/29/2017 2:37:58 PM



#22
Anthracene
Concen: 0.04 ng
RT: 17.27 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.0	22.4
179	13.8	12.2	18.2





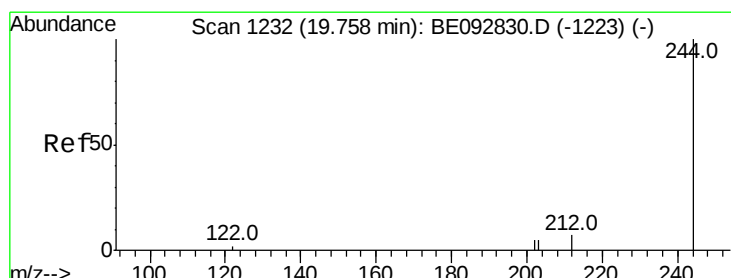
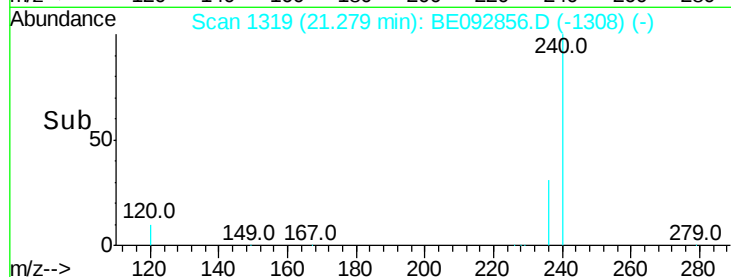
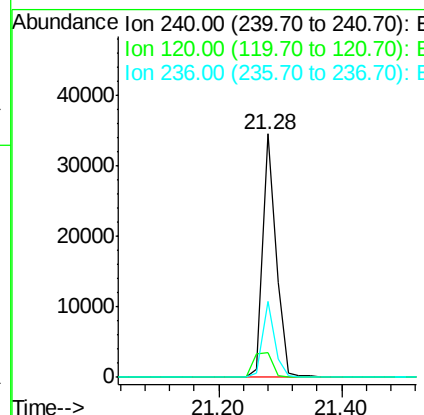
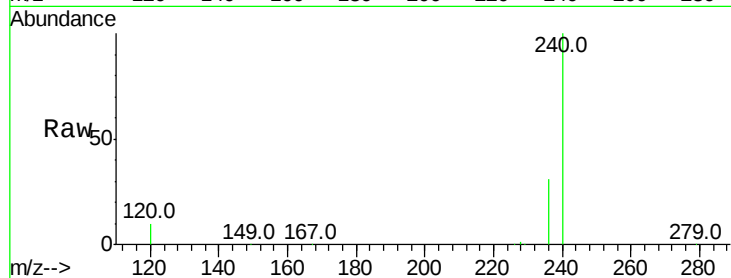
#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.28 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BE092856.D
 Acq: 29 Mar 2017 3:39

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170320

Tot Ion:240 Resp: 51922
 Ion Ratio Lower Upper
 240 100
 120 10.4 2.6 4.0#
 236 31.1 24.6 37.0

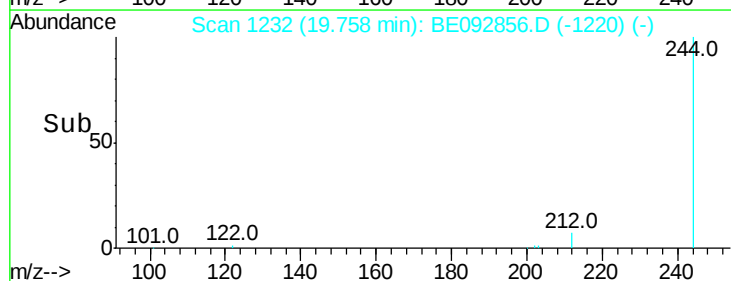
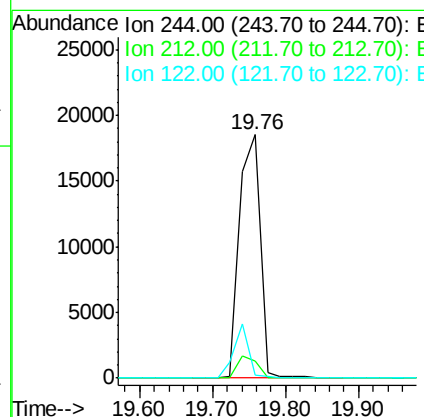
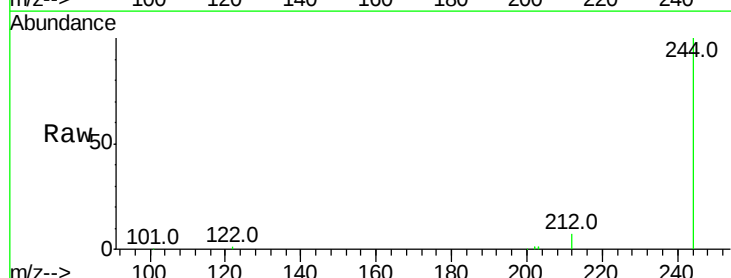
Manual Integrations
 APPROVED

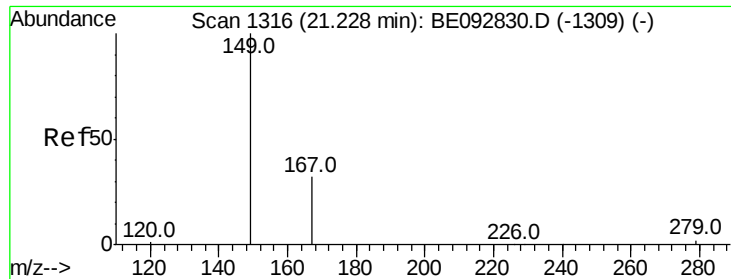
mohammad
 3/29/2017 2:37:58 PM



#26
 Terphenyl-d14
 Concen: 3.97 ng
 RT: 19.76 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BE092856.D
 Acq: 29 Mar 2017 3:39

Tgt Ion:244 Resp: 35665
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.7 10.1
 122 1.2 3.6 5.4#





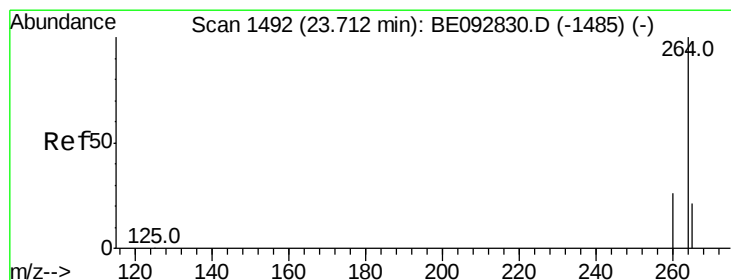
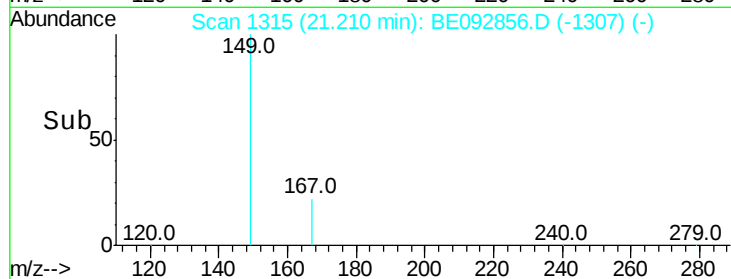
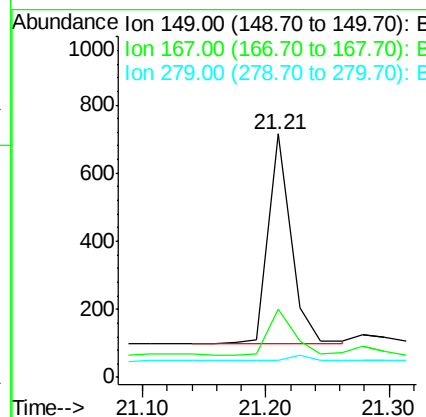
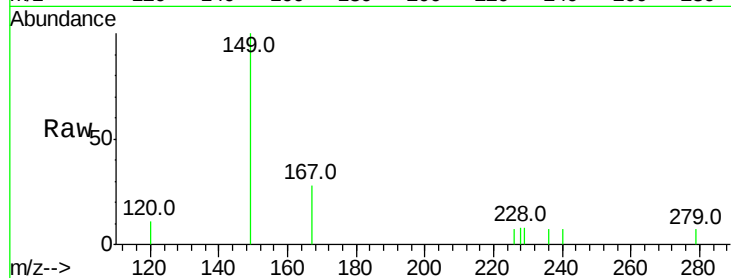
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.25 ng
 RT: 21.21 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BE092856.D
 Acq: 29 Mar 2017 3:39

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170320

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.6	16.0	24.0#
279	3.3	16.0	24.0#

Manual Integrations
 APPROVED

mohammad
 3/29/2017 2:37:58 PM



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.70 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BE092856.D
 Acq: 29 Mar 2017 3:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	21.0	17.9	26.9

