

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001485.D
 Acq On : 30 May 2015 21:15
 Operator : TP/IZ
 Sample : G2411-07RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB8RE

Manual Integrations
 APPROVED

apatel
 6/1/2015 4:31:04 PM

Quant Time: May 31 04:22:47 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 31 02:16:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	203713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	841178	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	449837	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	863951	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	810804	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	728815	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	11848	2.90	ng/uL	0.00
5) Phenol-d5	6.58	99	275902	18.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	170150	18.10	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	235200	19.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	214044	16.83	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	107719	19.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	125985	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	231705	18.54	ng/ul	0.01
29) 4-Chloroaniline-d4	10.31	131	184814	12.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	599038	18.99	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	824937	19.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	90274	14.04	ng/ul	0.01
57) Fluorene-d10	15.07	176	555185	17.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	36921	6.94	ng/ul	0.00
70) Anthracene-d10	16.92	188	730962	18.35	ng/ul	0.00
76) Pyrene-d10	19.22	212	773832	21.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	619615	19.23	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.20	105	61708	2.97	ng/ul	95
44) Dimethylphthalate	13.53	163	324971	9.13	ng/ul	100
69) Phenanthrene	16.86	178	112831	2.35	ng/ul	97
74) Fluoranthene	18.89	202	279417	4.79	ng/ul	99
77) Pyrene	19.25	202	266497	5.50	ng/ul	99
80) Benzo(a)anthracene	21.01	228	131860	2.78	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	20.96	149	45161	1.49	ng/ul	96
82) Chrysene	21.06	228	150781	3.38	ng/ul	97
85) Benzo(b)fluoranthene	22.50	252	196357	4.40	ng/ul#	93
86) Benzo(k)fluoranthene	22.53	252	63023m	1.47	ng/ul	
88) Benzo(a)pyrene	23.03	252	130245	3.11	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.17	276	93822	2.13	ng/ul	98
91) Benzo(g,h,i)perylene	25.80	276	92368	2.54	ng/ul	98

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

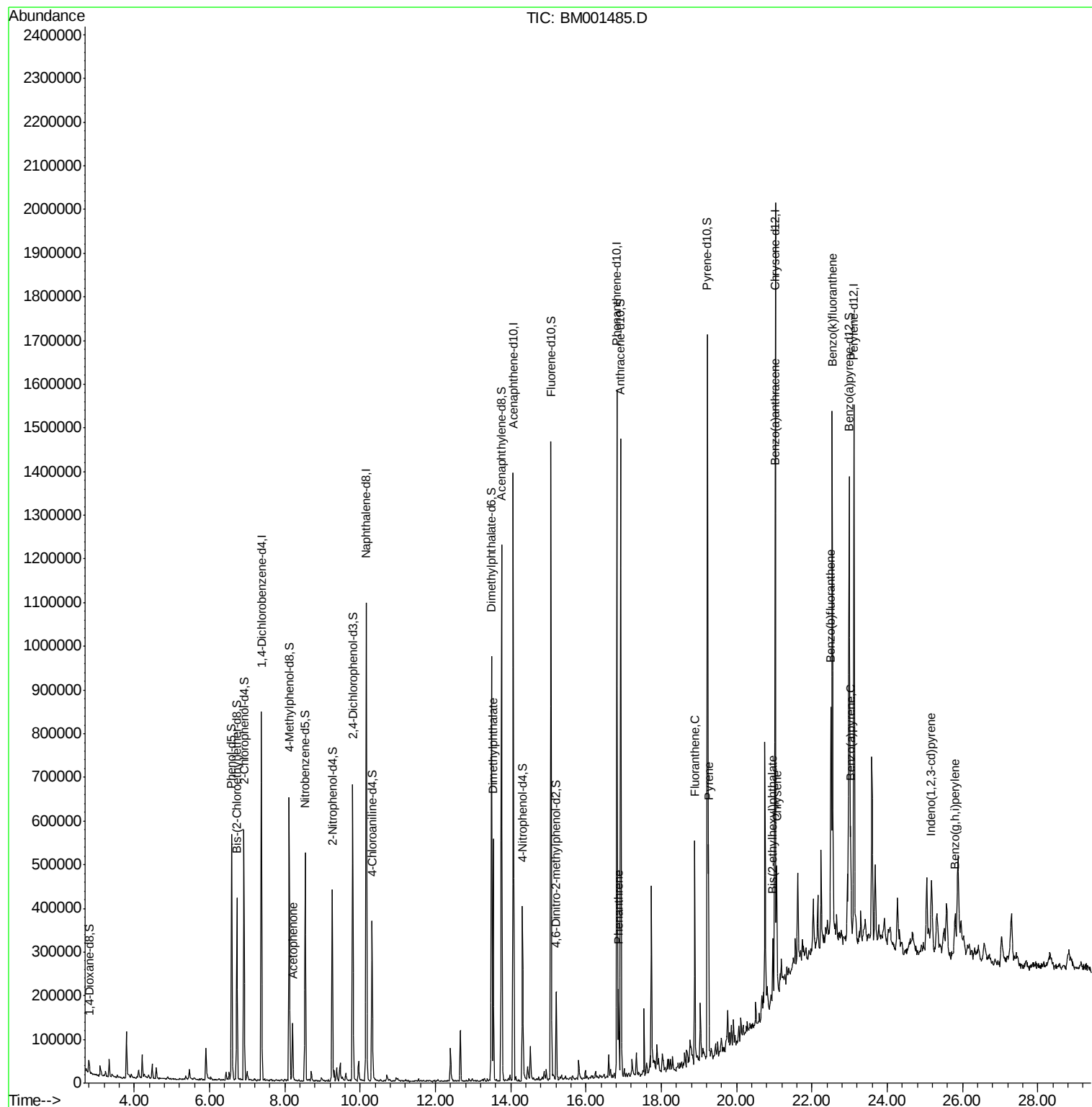
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001485.D
Acq On : 30 May 2015 21:15
Operator : TP/IZ
Sample : G2411-07RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

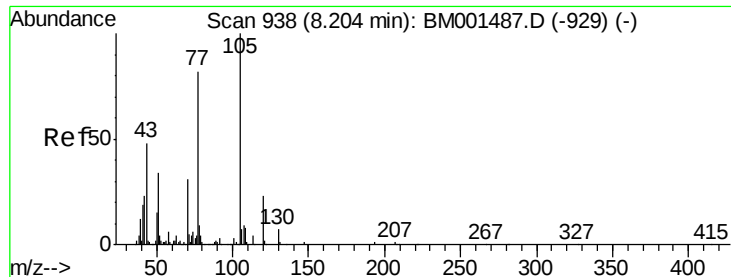
Instrument :
BNA_M
ClientSampleId :
BCRB8RE

Manual Integrations
APPROVED

apatel
6/1/2015 4:31:04 PM

Quant Time: May 31 04:22:47 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 31 02:16:14 2015
Response via : Initial Calibration





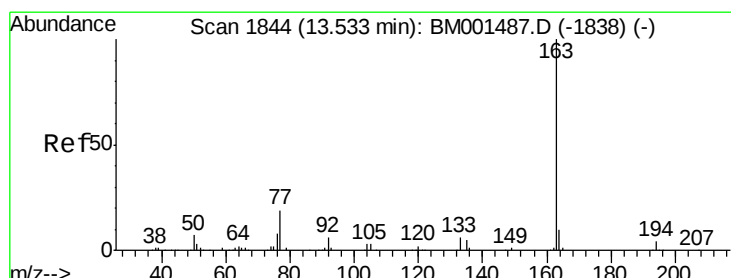
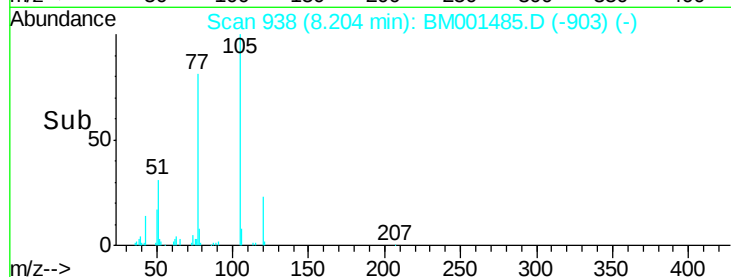
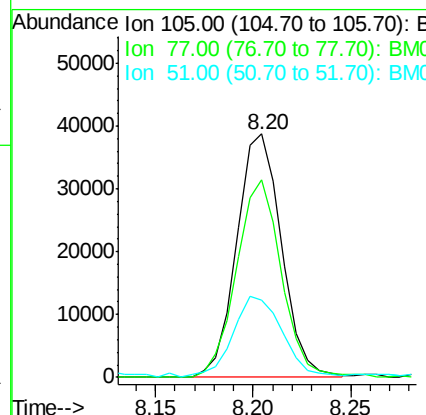
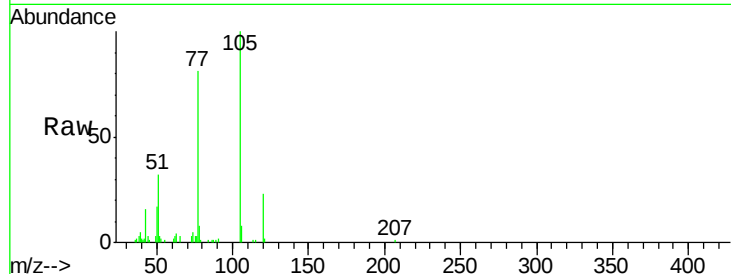
#14
Acetophenone
Concen: 2.97 ng/ul
RT: 8.20 min Scan# 938
Delta R.T. 0.01 min
Lab File: BM001485.D
Acq: 30 May 2015 21:15

Instrument :
BNA_M
ClientSampleId :
BCRB8RE

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	61708		
77	81.3	61.6	92.4	
51	31.8	27.5	41.3	

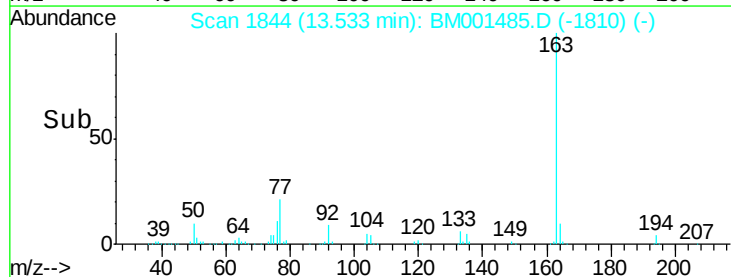
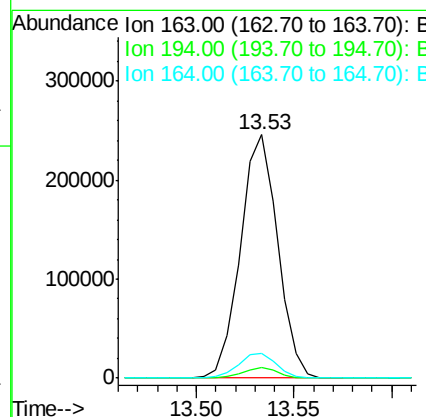
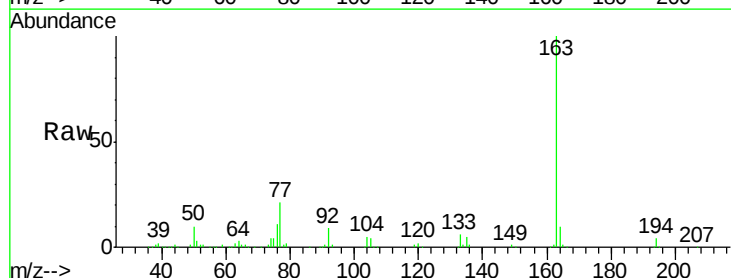
Manual Integrations
APPROVED

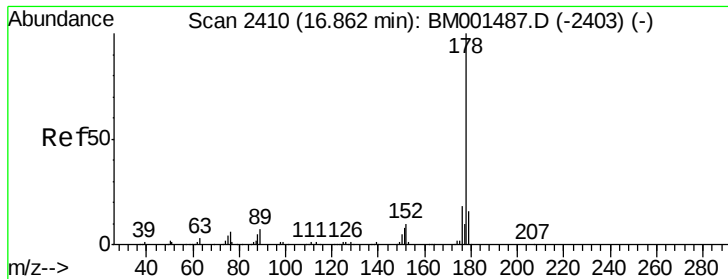
apatel
6/1/2015 4:31:04 PM



#44
Dimethylphthalate
Concen: 9.13 ng/ul
RT: 13.53 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM001485.D
Acq: 30 May 2015 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	324971		
194	4.2	3.0	4.6	
164	10.3	8.2	12.4	





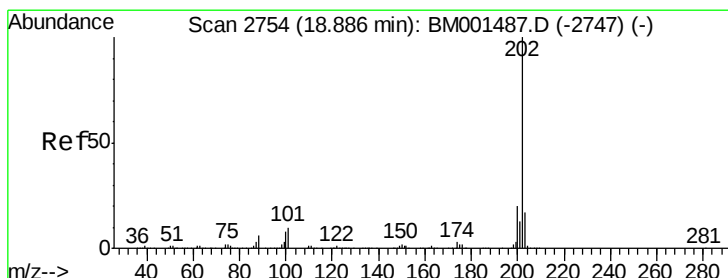
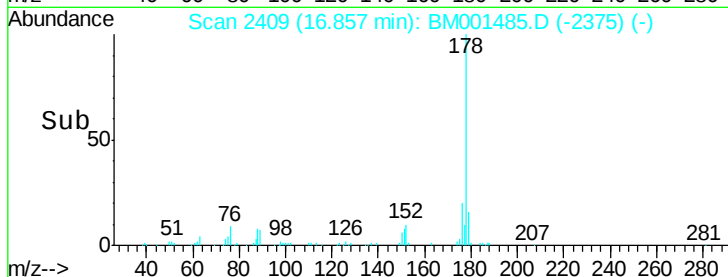
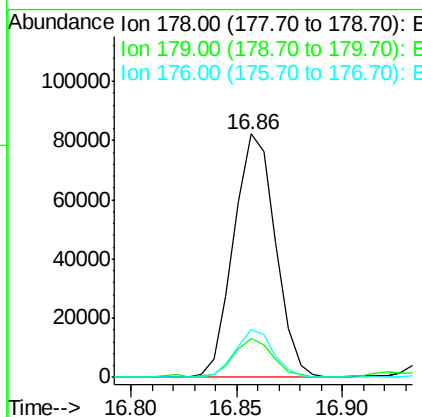
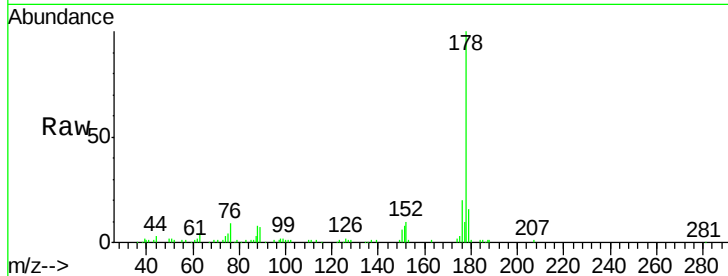
#69
Phenanthrene
Concen: 2.35 ng/ul
RT: 16.86 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BM001485.D
Acq: 30 May 2015 21:15

Instrument :
BNA_M
ClientSampleId :
BCRB8RE

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	112831		
179	16.2	11.9	17.9	
176	19.6	15.0	22.4	

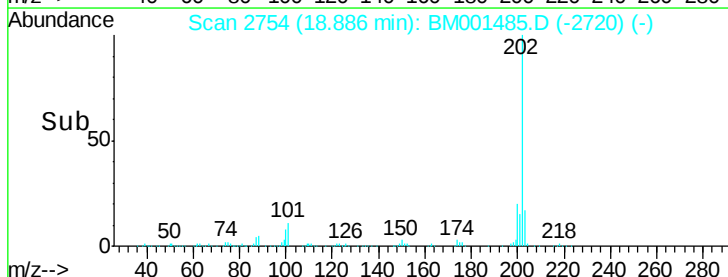
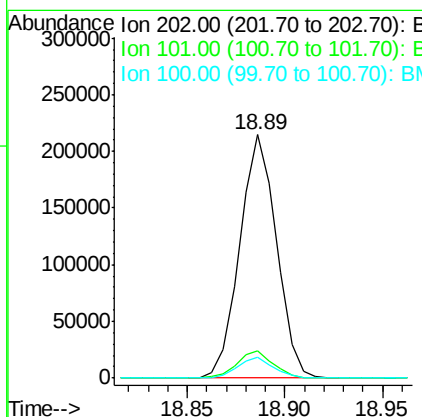
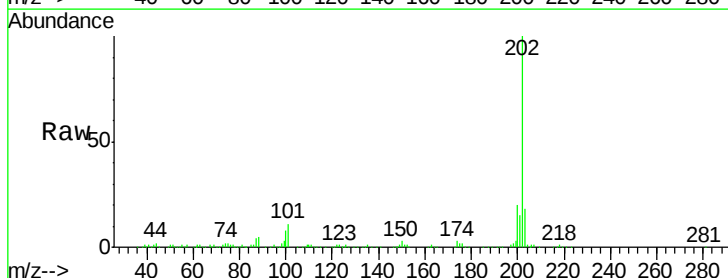
Manual Integrations
APPROVED

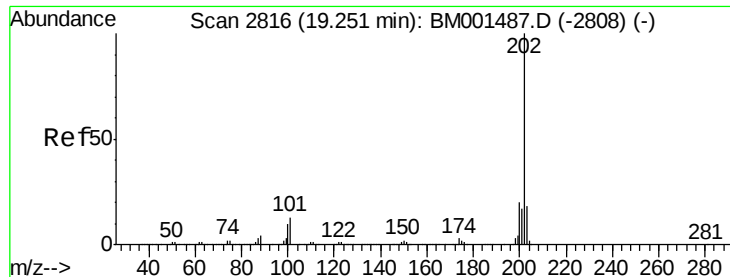
apatel
6/1/2015 4:31:04 PM



#74
Fluoranthene
Concen: 4.79 ng/ul
RT: 18.89 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BM001485.D
Acq: 30 May 2015 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	279417		
101	11.1	8.6	12.8	
100	8.5	6.5	9.7	





#77

Pyrene

Concen: 5.50 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM001485.D

Acq: 30 May 2015 21:15

Instrument :

BNA_M

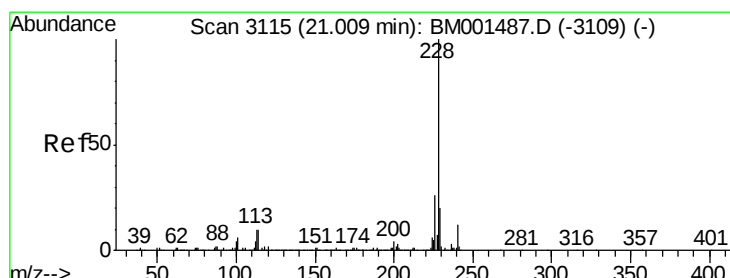
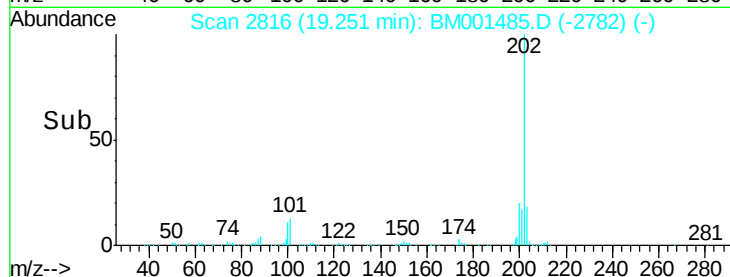
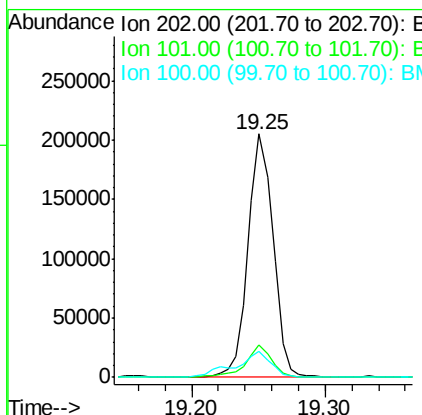
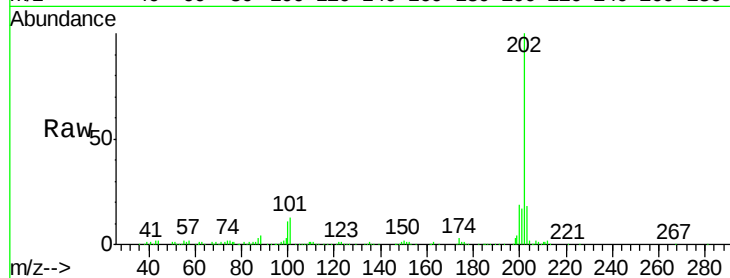
ClientSampleId :

BCRB8RE

Tgt	Ion	202	Resp:	266497
Ion	Ratio		Lower	Upper
202	100			
101	13.2	10.3	15.5	
100	10.8	8.6	12.8	

Manual Integrations
APPROVED

apatel
6/1/2015 4:31:04 PM



#80

Benzo(a)anthracene

Concen: 2.78 ng/ul

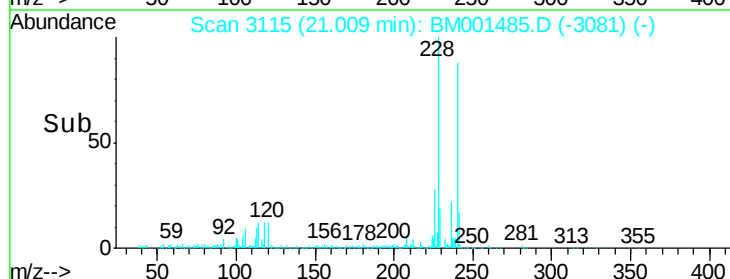
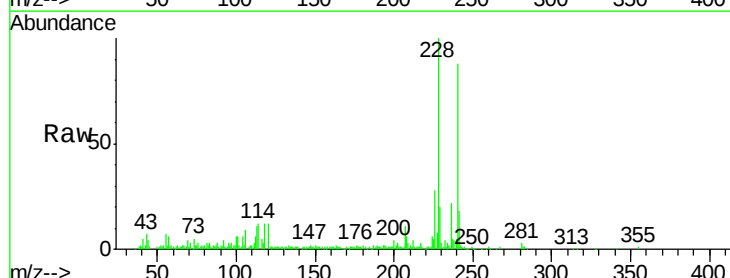
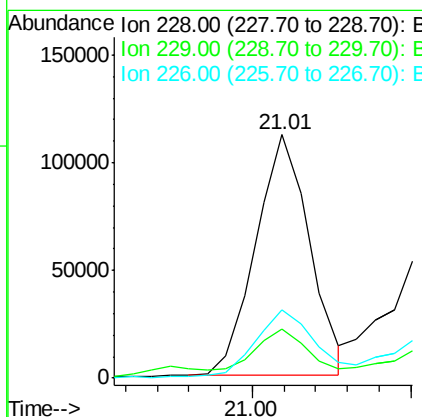
RT: 21.01 min Scan# 3115

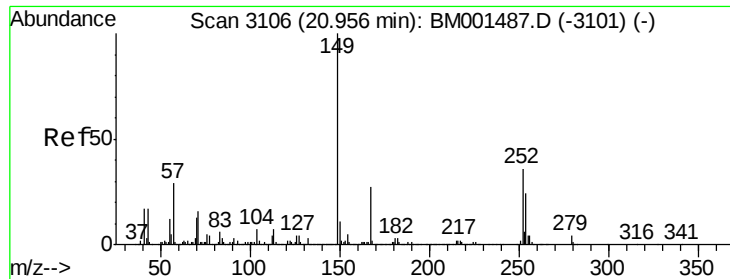
Delta R.T. 0.00 min

Lab File: BM001485.D

Acq: 30 May 2015 21:15

Tgt	Ion	228	Resp:	131860
Ion	Ratio		Lower	Upper
228	100			
229	20.1	15.8	23.8	
226	28.1	20.6	30.8	





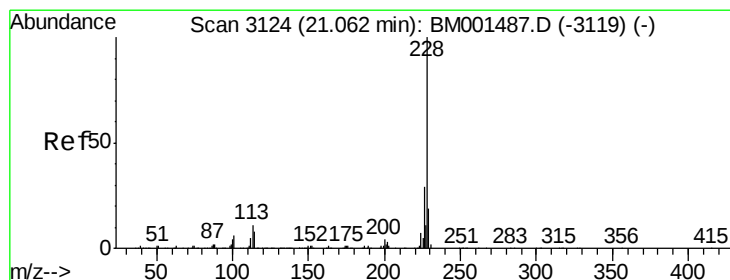
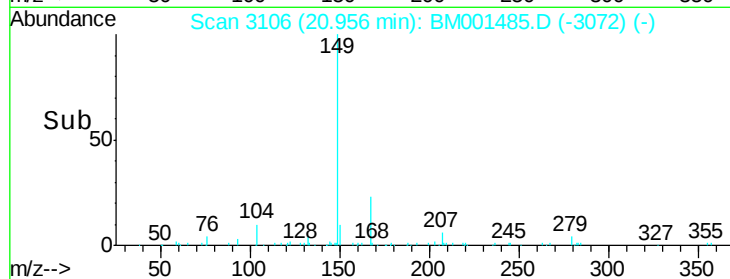
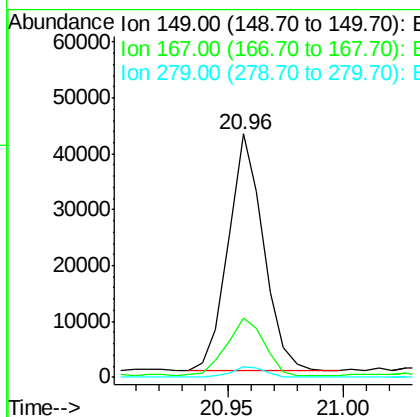
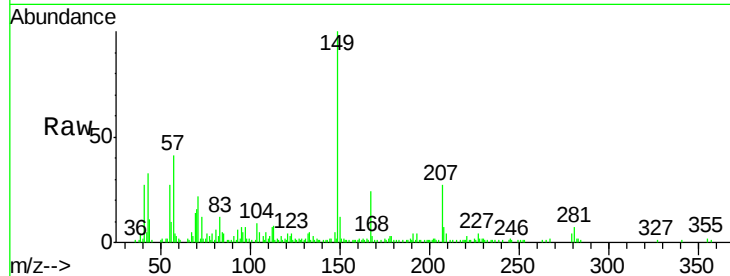
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.49 ng/ul
 RT: 20.96 min Scan# 3106
 Delta R.T. 0.00 min
 Lab File: BM001485.D
 Acq: 30 May 2015 21:15

Instrument :
 BNA_M
 ClientSampleId :
 BCRB8RE

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	45161		
167	24.4	21.2	31.8	
279	4.2	3.1	4.7	

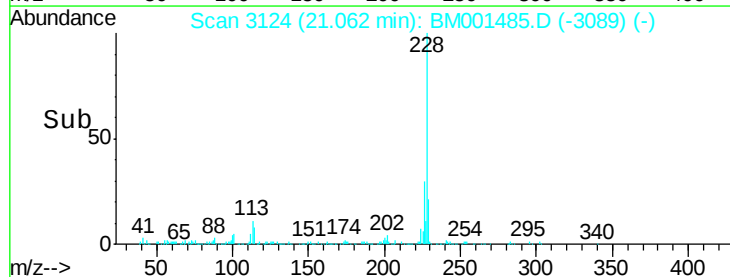
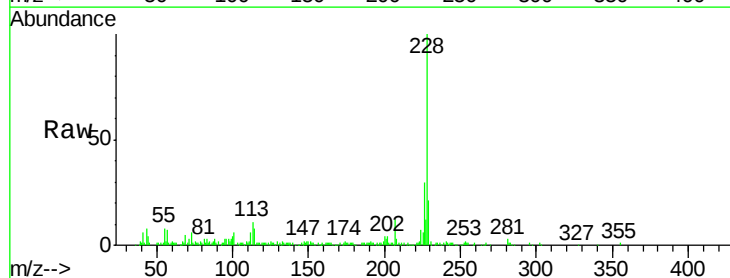
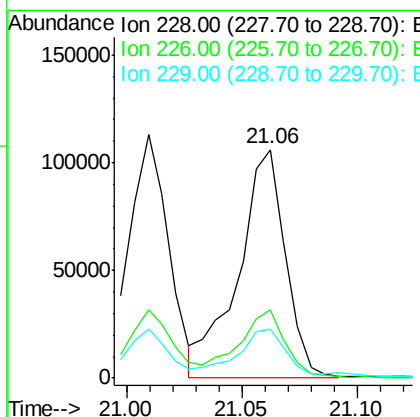
Manual Integrations
 APPROVED

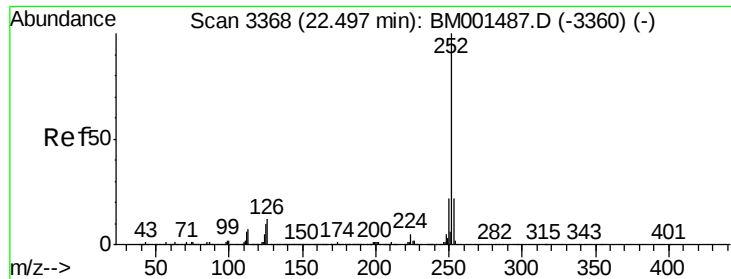
apatel
 6/1/2015 4:31:04 PM



#82
 Chrysene
 Concen: 3.38 ng/ul
 RT: 21.06 min Scan# 3124
 Delta R.T. 0.01 min
 Lab File: BM001485.D
 Acq: 30 May 2015 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	150781		
226	30.2	23.0	34.4	
229	21.4	15.7	23.5	





#85

Benzo(b)fluoranthene

Concen: 4.40 ng/ul

RT: 22.50 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BM001485.D

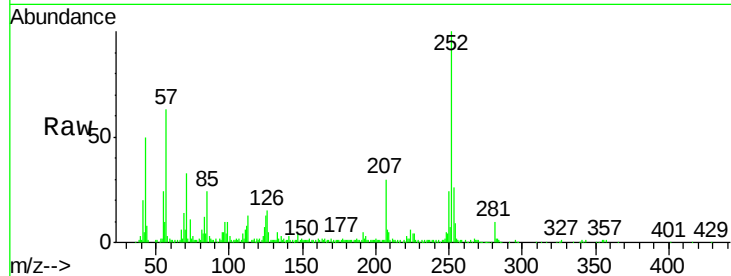
Acq: 30 May 2015 21:15

Instrument :

BNA_M

ClientSampleId :

BCRB8RE



Tgt Ion: 252 Resp: 196357

Ion Ratio Lower Upper

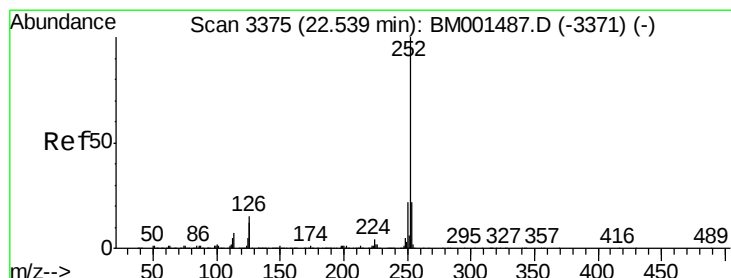
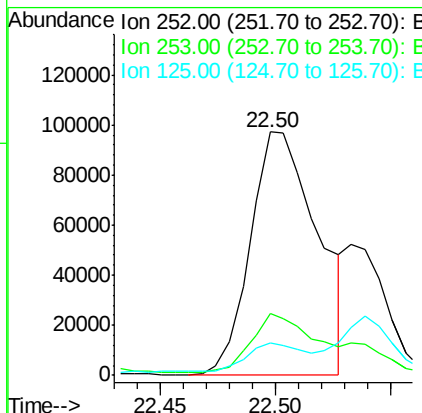
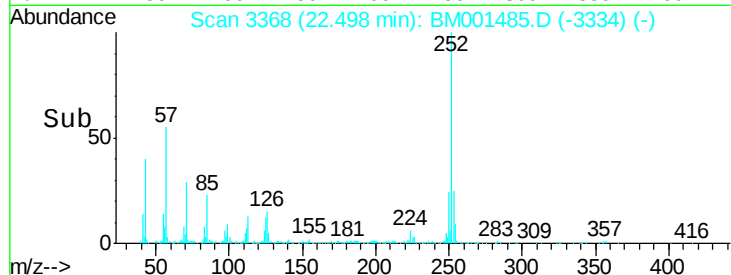
252 100

253 25.6 18.0 27.0

125 13.4 8.6 12.8#

Manual Integrations
APPROVED

apatel
6/1/2015 4:31:04 PM



#86

Benzo(k)fluoranthene

Concen: 1.47 ng/ul m

RT: 22.53 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM001485.D

Acq: 30 May 2015 21:15

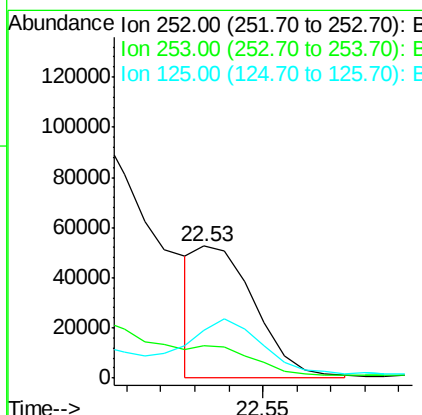
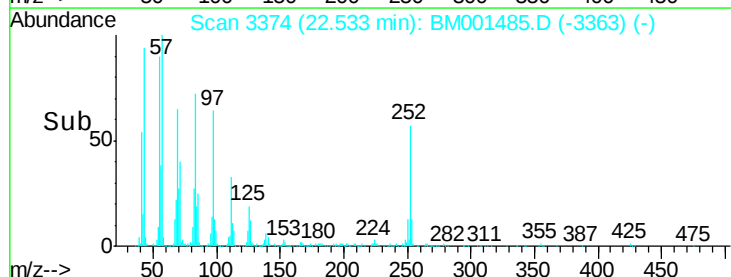
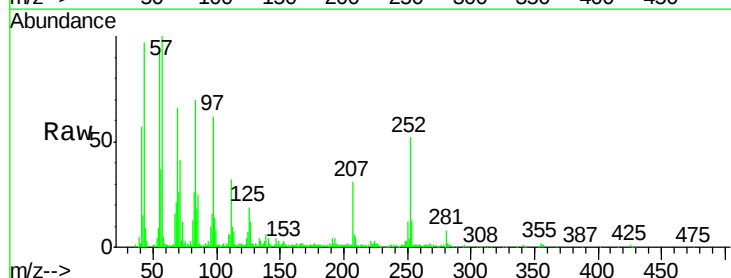
Tgt Ion: 252 Resp: 63023

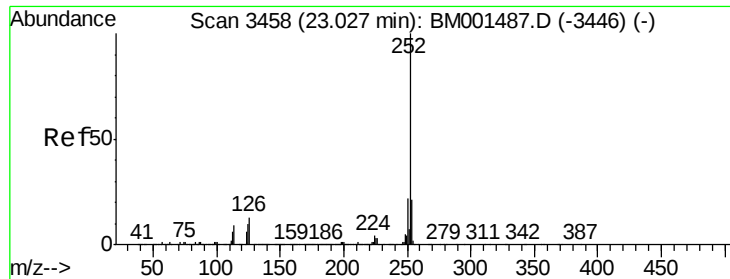
Ion Ratio Lower Upper

252 100

253 24.5 17.4 26.0

125 36.6 8.6 13.0#





#88

Benzo(a)pyrene

Concen: 3.11 ng/ul

RT: 23.03 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BM001485.D

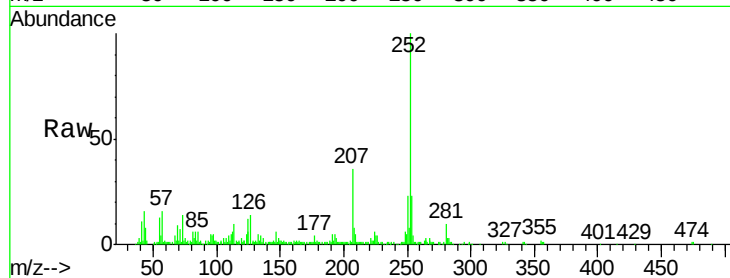
Acq: 30 May 2015 21:15

Instrument :

BNA_M

ClientSampleId :

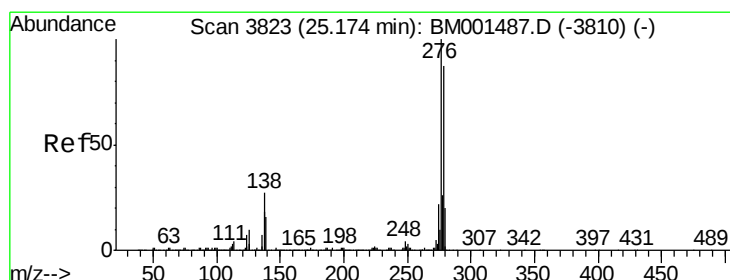
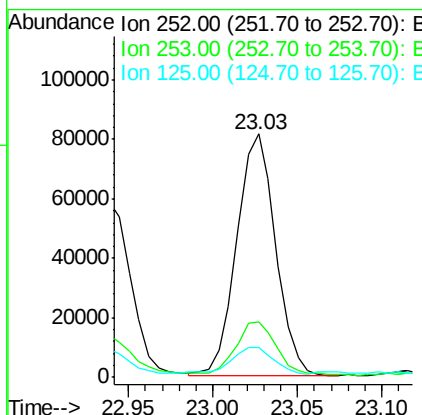
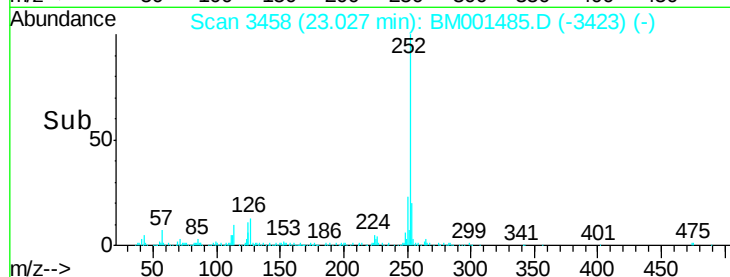
BCRB8RE



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	12.2	8.8	13.2

Manual Integrations
APPROVED

apatel
6/1/2015 4:31:04 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.13 ng/ul

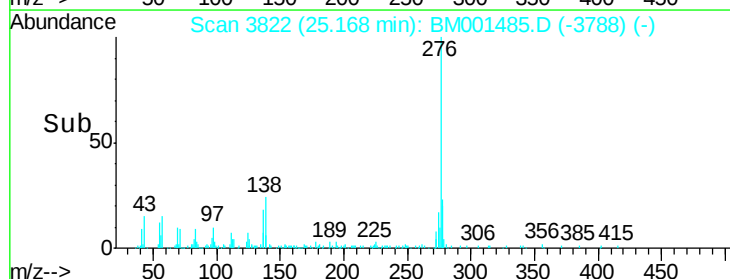
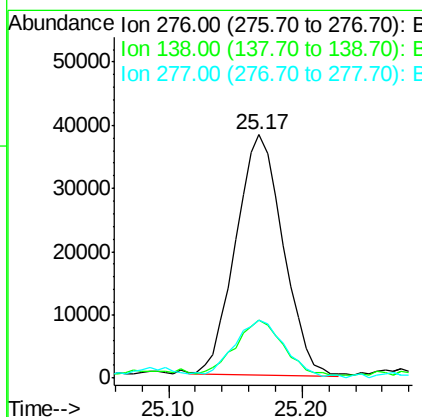
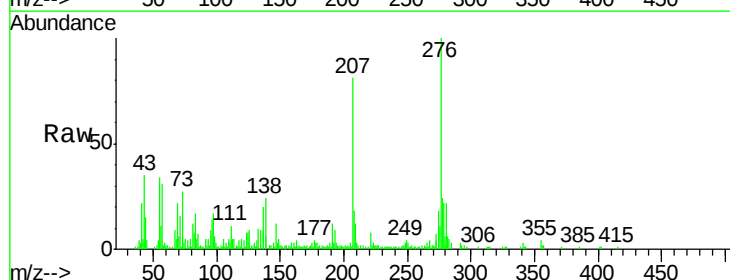
RT: 25.17 min Scan# 3822

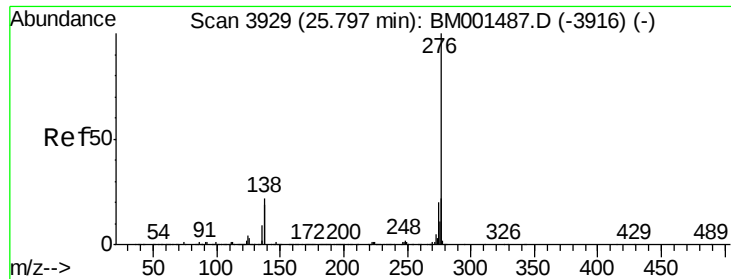
Delta R.T. 0.00 min

Lab File: BM001485.D

Acq: 30 May 2015 21:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.6	31.0
277	24.0	19.2	28.8





#91
 Benzo(g,h,i)perylene
 Concen: 2.54 ng/ul
 RT: 25.80 min Scan# 3929
 Delta R.T. 0.01 min
 Lab File: BM001485.D
 Acq: 30 May 2015 21:15

Instrument :
 BNA_M
 ClientSampleId :
 BCRB8RE

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.9	26.9
277	26.2	19.7	29.5

Manual Integrations
 APPROVED

apatel
 6/1/2015 4:31:04 PM

