

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001478.D
 Acq On : 30 May 2015 17:00
 Operator : TP/IZ
 Sample : G2411-11RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRC2RE

Quant Time: May 31 04:02:53 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	191616	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	782427	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	427845	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	826200	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	790068	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	726235	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	19206	5.00	ng/uL	0.00
5) Phenol-d5	6.58	99	473505	33.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	287535	32.52	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	409450	35.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	397391	33.22	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	187922	36.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	222137	38.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	401840	34.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	335938	24.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	1019851	33.99	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	1441063	35.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	175964	28.77	ng/ul	0.00
57) Fluorene-d10	15.07	176	946756	31.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	94663	18.62	ng/ul	0.00
70) Anthracene-d10	16.92	188	1303301	34.22	ng/ul	0.00
76) Pyrene-d10	19.23	212	1313926	38.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	1101693	34.31	ng/ul	0.01

Target Compounds

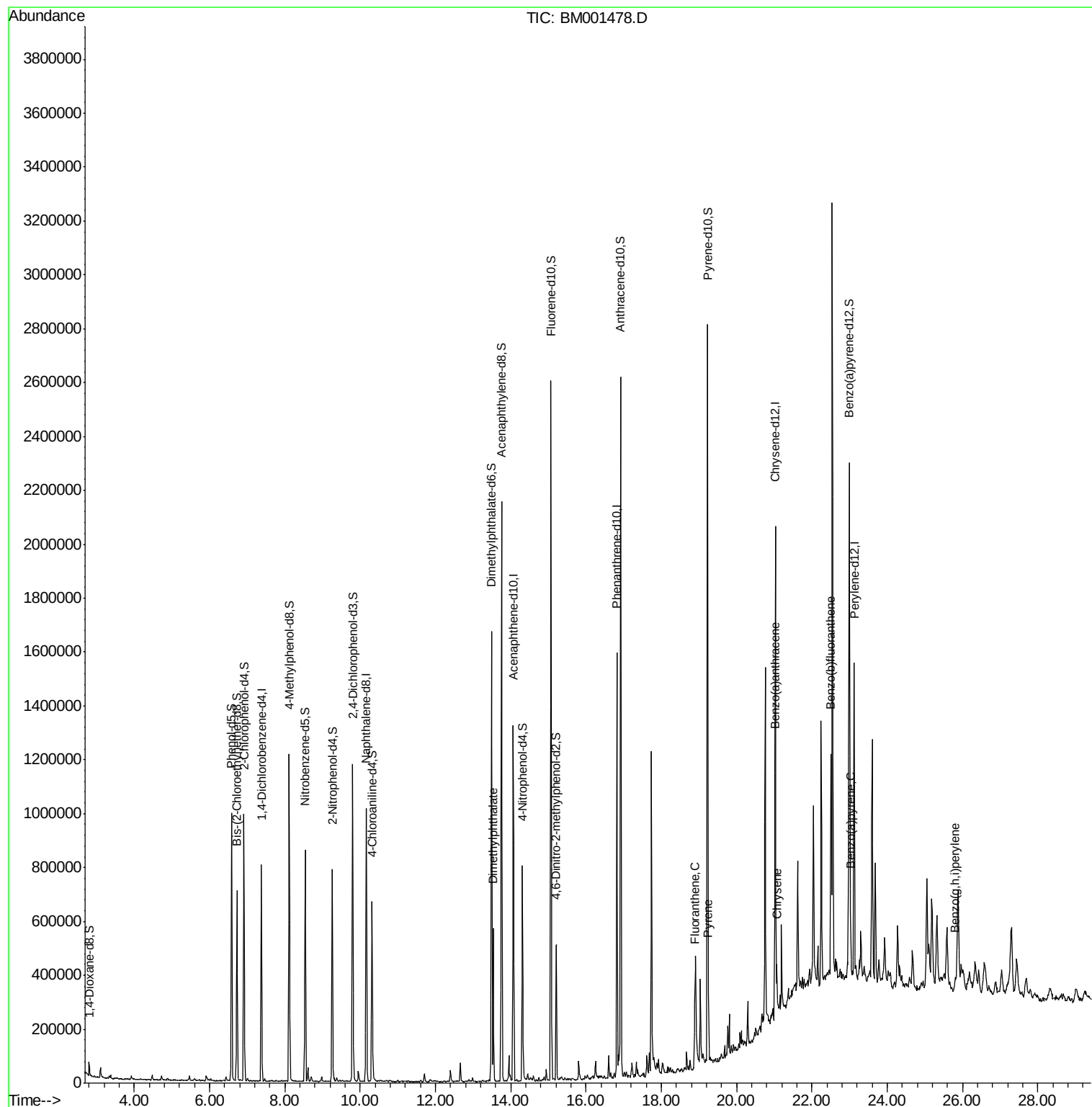
						Qvalue
44) Dimethylphthalate	13.53	163	326940	9.65	ng/ul	100
74) Fluoranthene	18.89	202	124608	2.24	ng/ul	97
77) Pyrene	19.25	202	122831	2.60	ng/ul	100
80) Benzo(a)anthracene	21.01	228	66945	1.45	ng/ul	97
82) Chrysene	21.06	228	67216	1.55	ng/ul	99
85) Benzo(b)fluoranthene	22.50	252	87487	1.97	ng/ul#	85
88) Benzo(a)pyrene	23.03	252	62732	1.50	ng/ul#	91
91) Benzo(g,h,i)perylene	25.80	276	43245	1.19	ng/ul	94

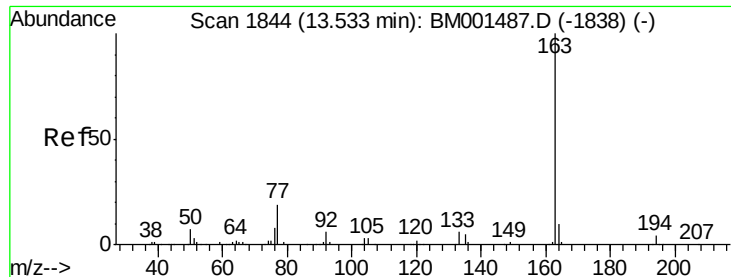
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sun May 31 02:16:14 2015
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 9.65 ng/ul

RT: 13.53 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BM001478.D

Acq: 30 May 2015 17:00

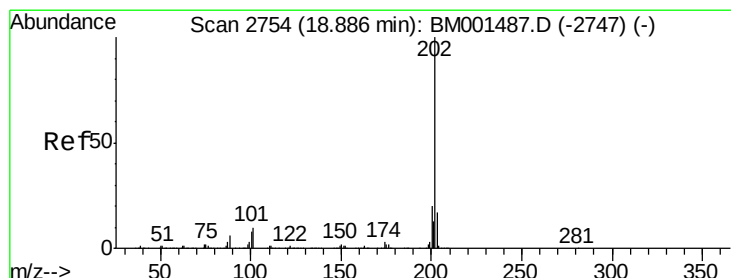
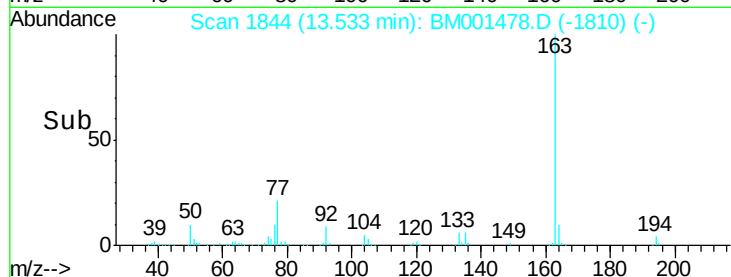
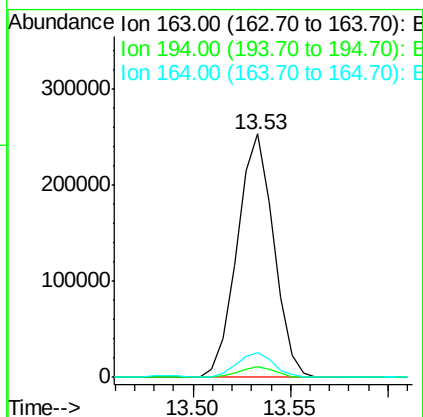
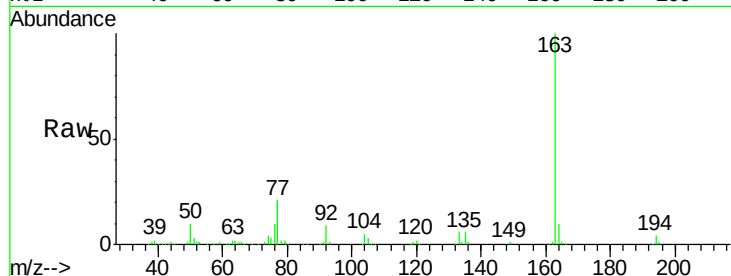
Instrument :

BNA_M

ClientSampleId :

BCRC2RE

Tgt Ion:	163	Resp:	326940
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.6
164	10.4	8.2	12.4



#74

Fluoranthene

Concen: 2.24 ng/ul

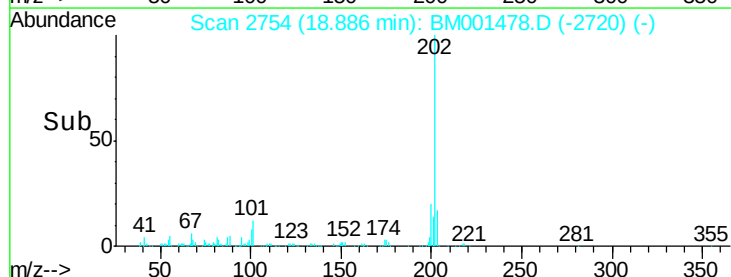
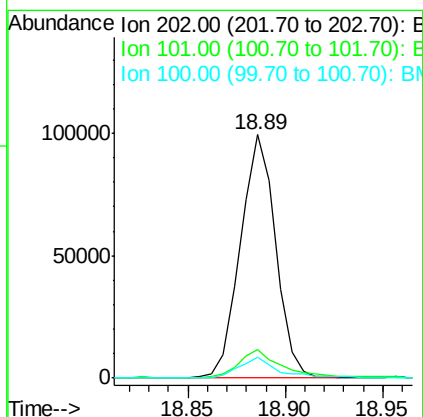
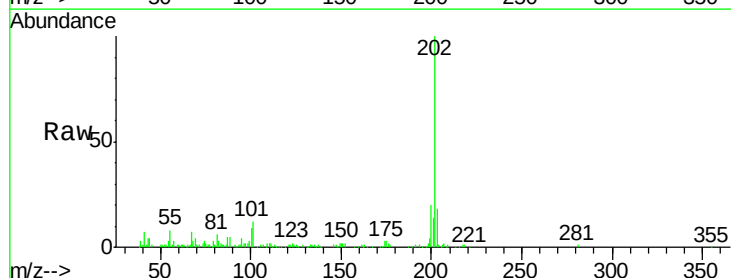
RT: 18.89 min Scan# 2754

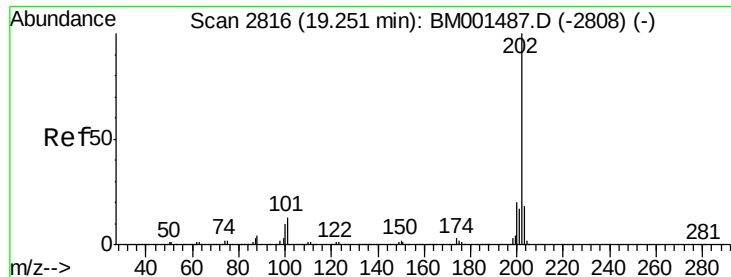
Delta R.T. -0.00 min

Lab File: BM001478.D

Acq: 30 May 2015 17:00

Tgt Ion:	202	Resp:	124608
Ion Ratio	Lower	Upper	
202	100		
101	12.0	8.6	12.8
100	8.7	6.5	9.7





#77

Pyrene

Concen: 2.60 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BM001478.D

Acq: 30 May 2015 17:00

Instrument :

BNA_M

ClientSampleId :

BCRC2RE

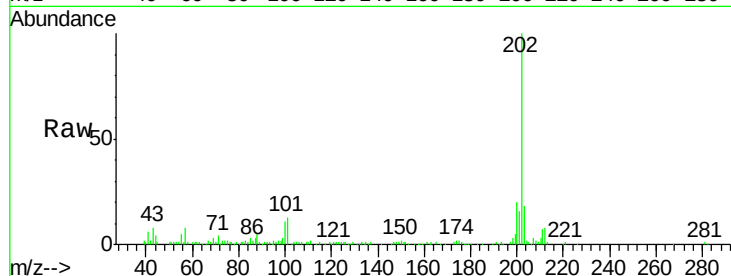
Tgt Ion:202 Resp: 122831

Ion Ratio Lower Upper

202 100

101 13.0 10.3 15.5

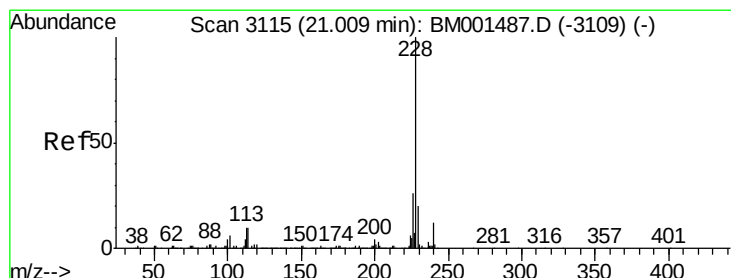
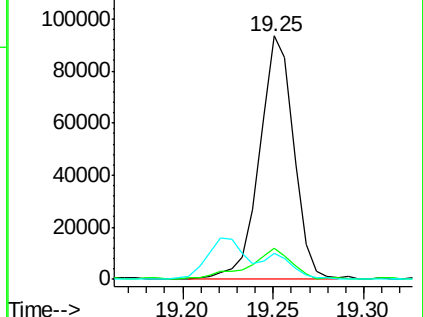
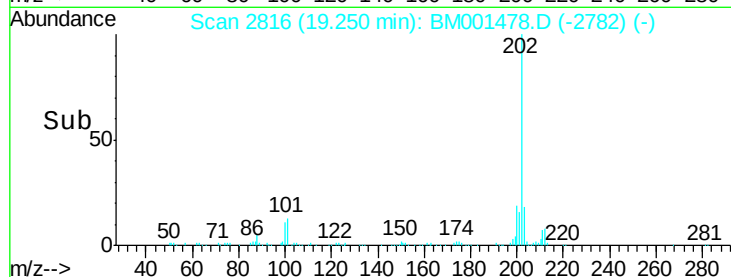
100 10.6 8.6 12.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 1.45 ng/ul

RT: 21.01 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BM001478.D

Acq: 30 May 2015 17:00

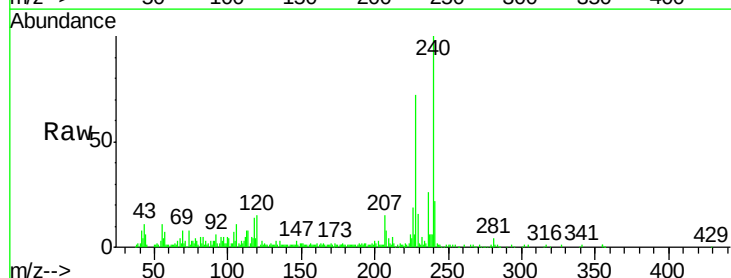
Tgt Ion:228 Resp: 66945

Ion Ratio Lower Upper

228 100

229 21.7 15.8 23.8

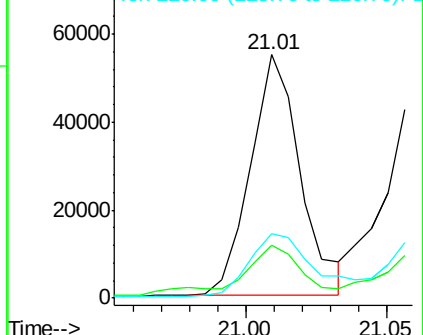
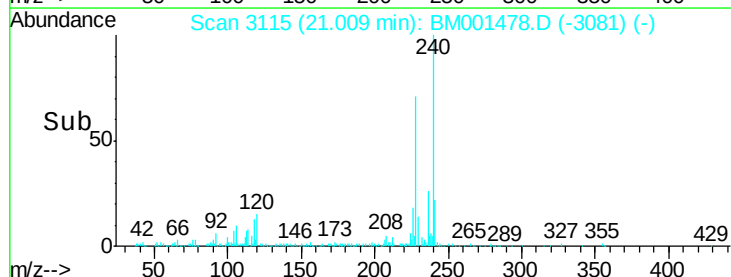
226 26.6 20.6 30.8

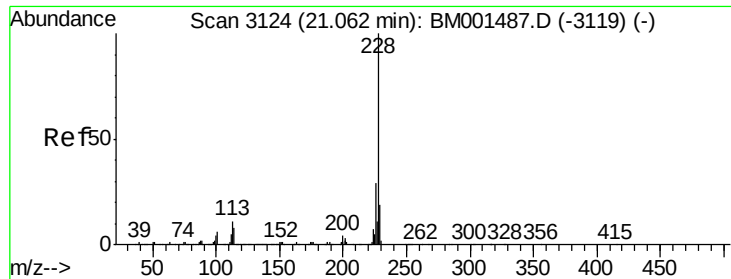


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.55 ng/ul

RT: 21.06 min Scan# 3124

Delta R.T. 0.01 min

Lab File: BM001478.D

Acq: 30 May 2015 17:00

Instrument :

BNA_M

ClientSampleId :

BCRC2RE

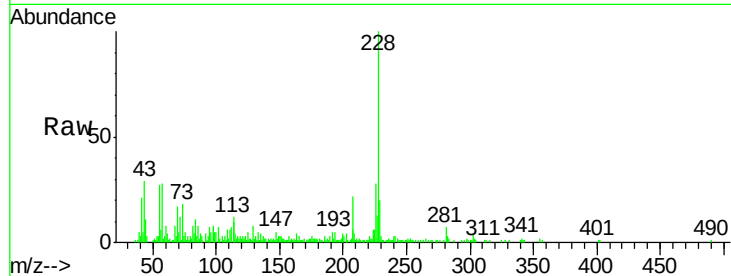
Tgt Ion:228 Resp: 67216

Ion Ratio Lower Upper

228 100

226 28.1 23.0 34.4

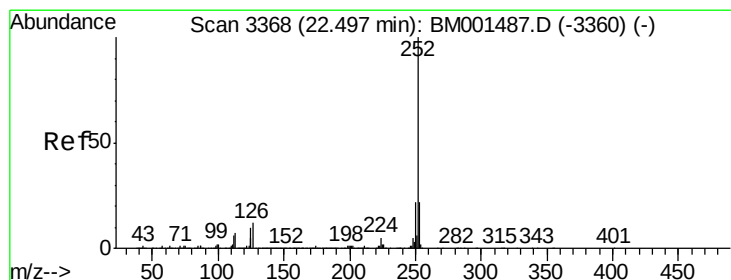
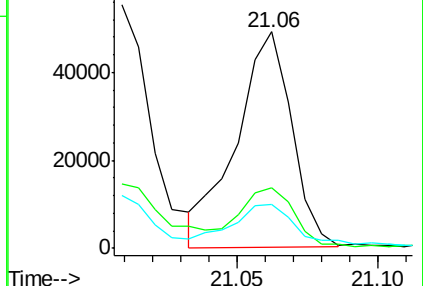
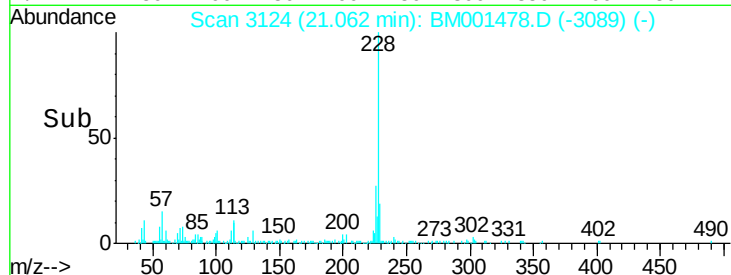
229 20.1 15.7 23.5



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

Benzo(b)fluoranthene

Concen: 1.97 ng/ul

RT: 22.50 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BM001478.D

Acq: 30 May 2015 17:00

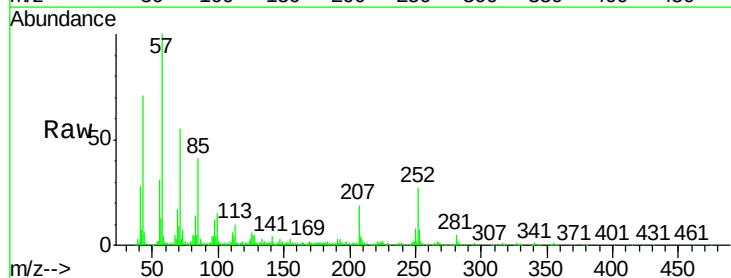
Tgt Ion:252 Resp: 87487

Ion Ratio Lower Upper

252 100

253 26.2 18.0 27.0

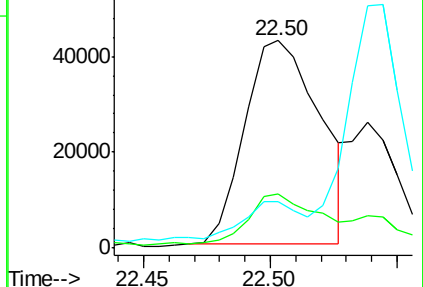
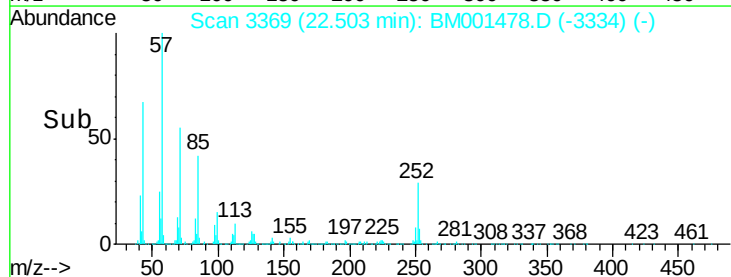
125 22.4 8.6 12.8#

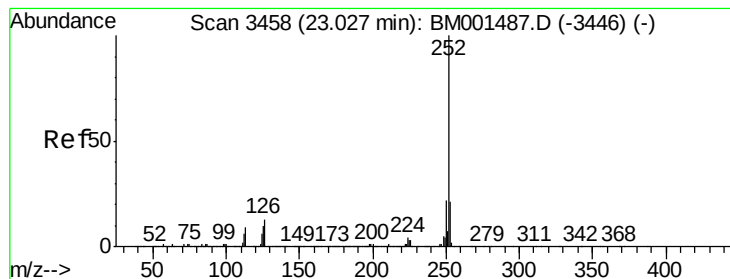


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.50 ng/ul

RT: 23.03 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BM001478.D

Acq: 30 May 2015 17:00

Instrument :

BNA_M

ClientSampleId :

BCRC2RE

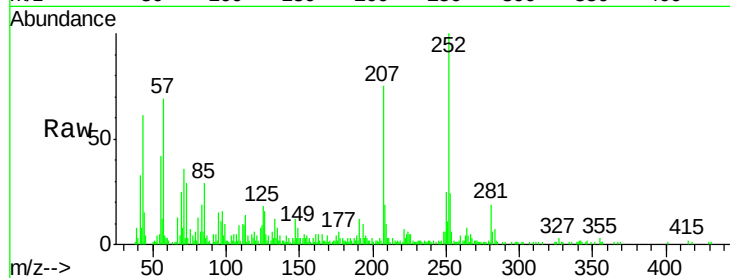
Tgt Ion:252 Resp: 62732

Ion Ratio Lower Upper

252 100

253 23.7 17.0 25.4

125 17.5 8.8 13.2#

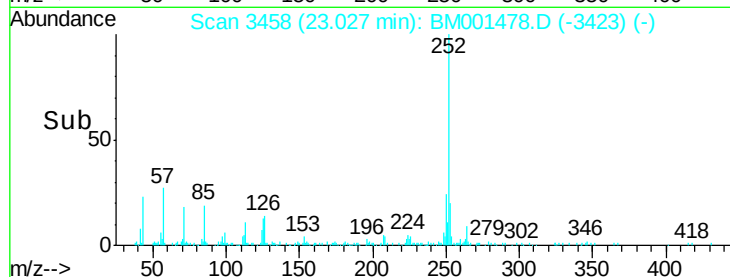


Abundance Ion 252.00 (251.70 to 252.70): E

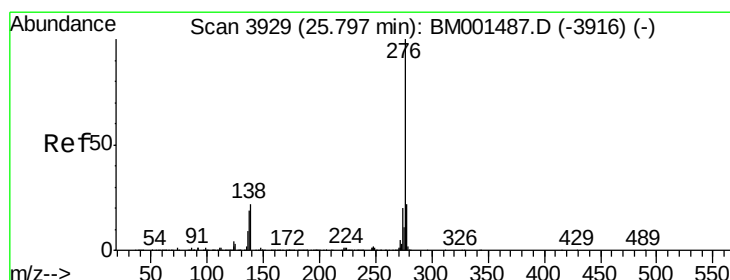
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



#91

Benzo(g,h,i)perylene

Concen: 1.19 ng/ul

RT: 25.80 min Scan# 3929

Delta R.T. 0.01 min

Lab File: BM001478.D

Acq: 30 May 2015 17:00

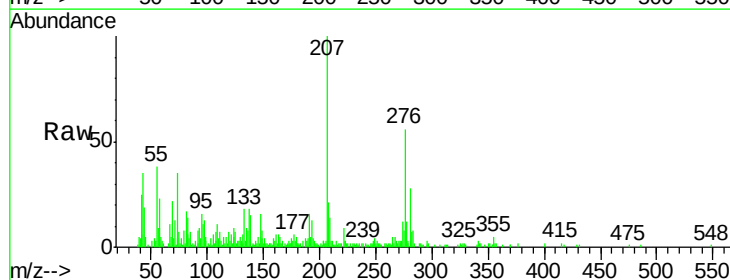
Tgt Ion:276 Resp: 43245

Ion Ratio Lower Upper

276 100

138 25.9 17.9 26.9

277 21.8 19.7 29.5

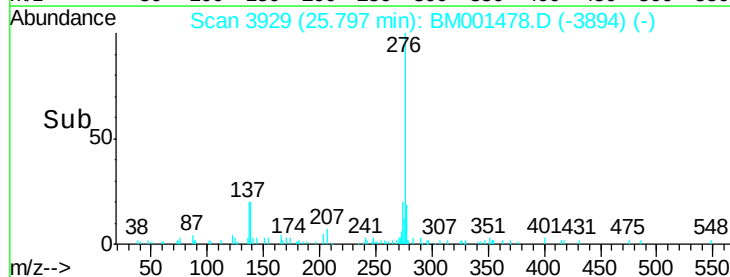


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



Time-->