

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
 Data File : BM006595.D
 Acq On : 21 Jul 2016 19:46
 Operator : UM/SJ
 Sample : H4078-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YS2

Manual Integrations

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Quant Time: Jul 22 02:15:41 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 22 01:56:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	142055	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	602561	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	343008	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	801641	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	980016	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1021556	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	5159	1.47	ng/uL	0.00
3) Phenol-d5	6.79	99	166038	13.74	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	122780	16.40	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	143073	14.82	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	102294	10.91	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	69335	15.20	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	70461	14.53	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	131252	14.32	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	151946	15.05	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	431672	16.05	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	543990	15.85	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	25617m	5.48	ng/ul	0.01
21) Fluorene-d10	15.26	176	396999	16.51	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	26009	6.25	ng/ul	0.00
26) Anthracene-d10	17.11	188	608107	15.98	ng/ul	0.00
30) Pyrene-d10	19.42	212	709213	15.88	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	749113	15.94	ng/ul	0.00

Target Compounds

						Ovalue
25) Phenanthrene	17.06	178	97683	2.17	ng/ul	99
28) Fluoranthene	19.08	202	209787	3.96	ng/ul	99
31) Pyrene	19.44	202	178402	3.01	ng/ul	97
32) Benzo(a)anthracene	21.20	228	104828	1.76	ng/ul	97
33) Chrysene	21.25	228	113332	2.07	ng/ul	98
35) Benzo(b)fluoranthene	22.75	252	153774	2.51	ng/ul	98
36) Benzo(k)fluoranthene	22.79	252	59792m	1.01	ng/ul	
38) Benzo(a)pyrene	23.31	252	103147	1.73	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.60	276	76266	1.10	ng/ul	98
41) Benzo(g,h,i)perylene	26.27	276	64331	1.09	ng/ul	96

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

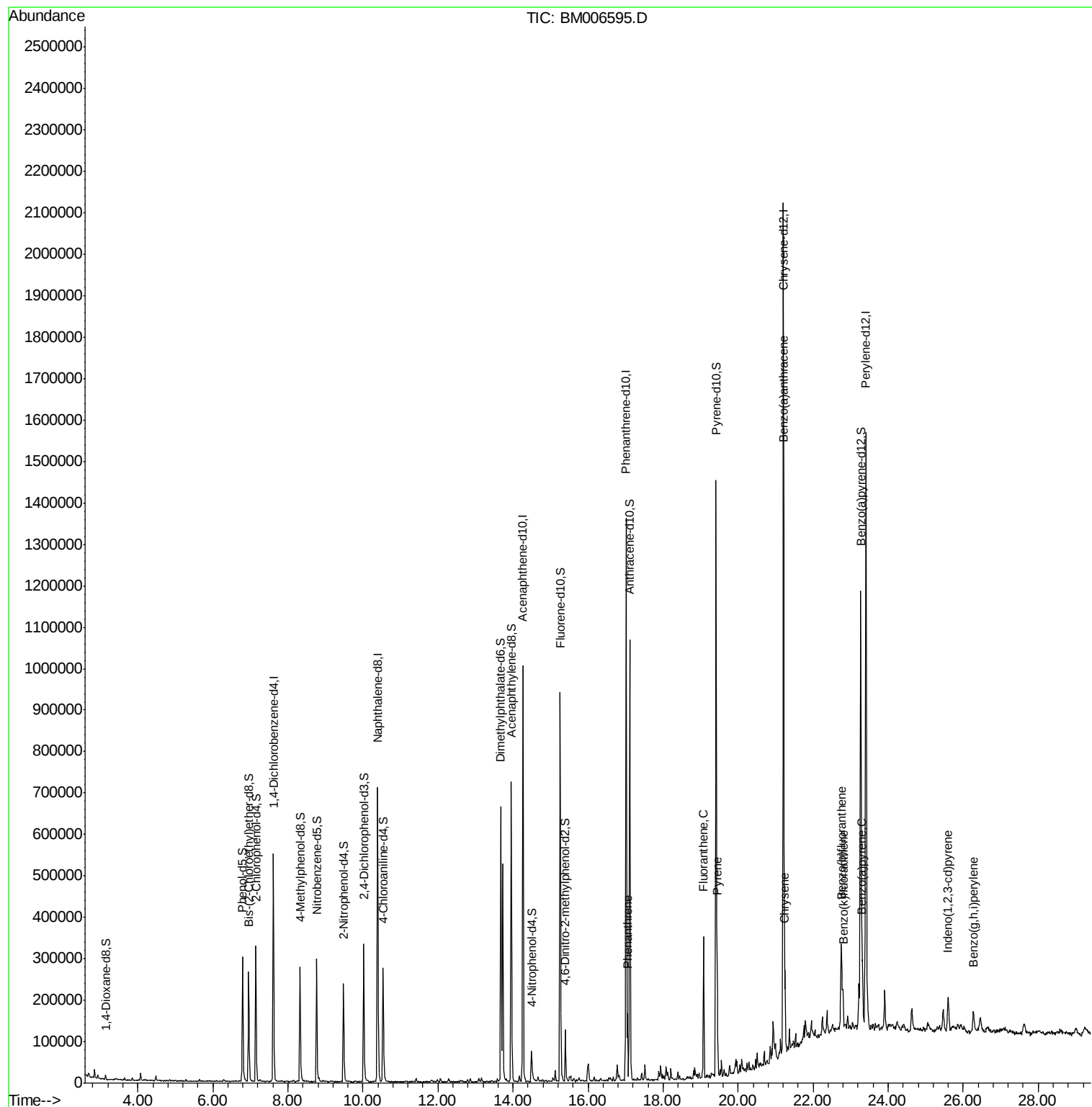
Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
Data File : BM006595.D
Acq On : 21 Jul 2016 19:46
Operator : UM/SJ
Sample : H4078-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

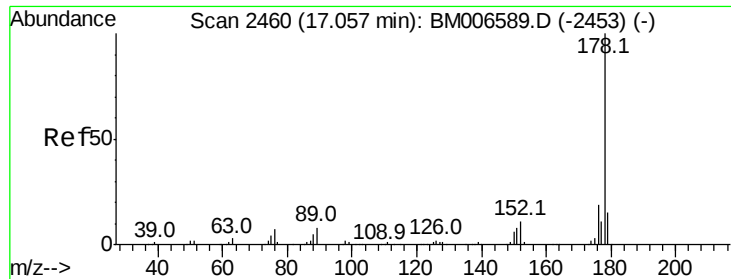
Instrument :
BNA_M
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Quant Time: Jul 22 02:15:41 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

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#25

Phenanthrene

Concen: 2.17 ng/ul

RT: 17.06 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BM006595.D

Acq: 21 Jul 2016 19:46

Instrument :

BNA_M

ClientSampleId :

D9YS2

Tot Ion:178 Resp: 97683

Ion Ratio Lower Upper

178 100

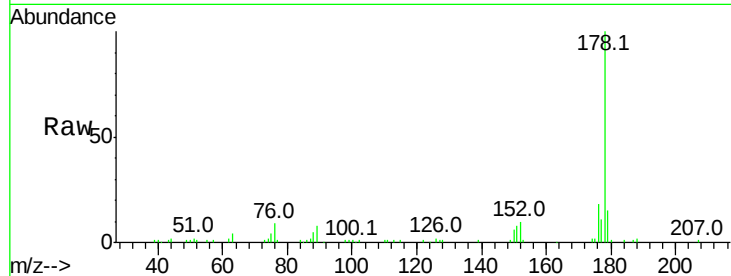
179 15.2 11.8 17.8

176 18.3 14.8 22.2

Manual Integrations

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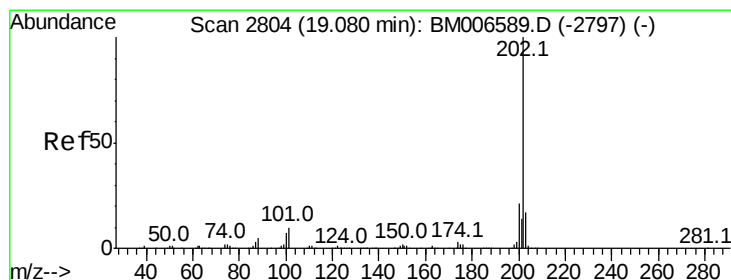
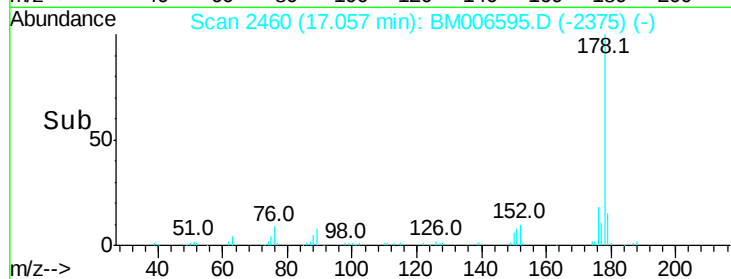
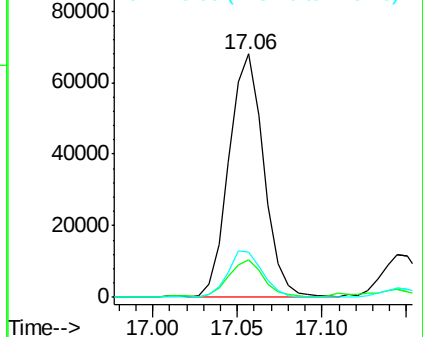
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#28

Fluoranthene

Concen: 3.96 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BM006595.D

Acq: 21 Jul 2016 19:46

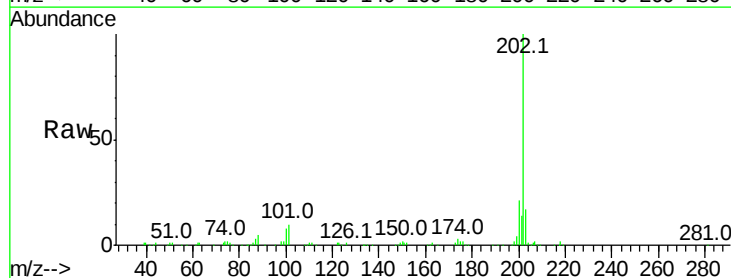
Tgt Ion:202 Resp: 209787

Ion Ratio Lower Upper

202 100

101 10.5 8.9 13.3

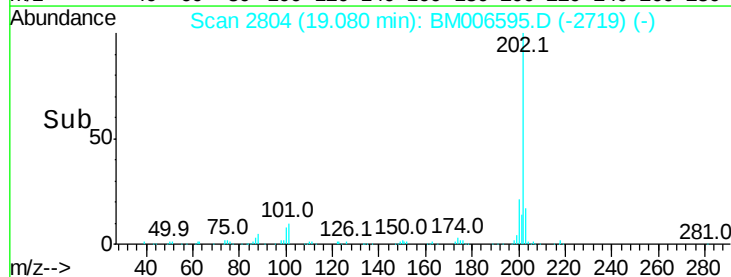
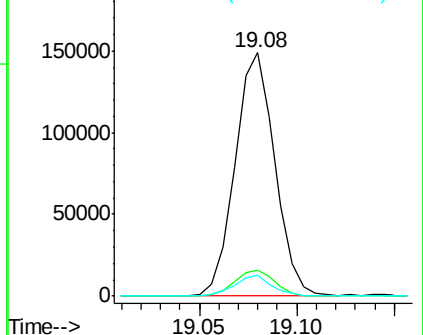
100 8.4 7.0 10.4

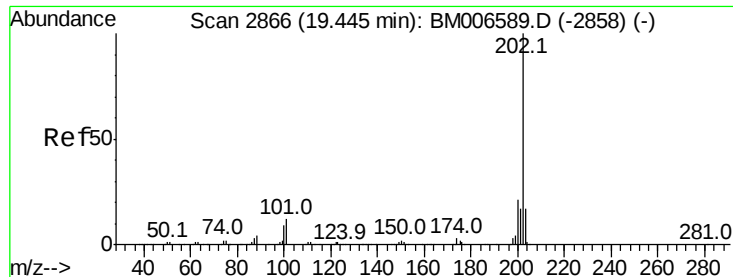


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#31

Pvrene

Concen: 3.01 ng/ul

RT: 19.44 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BM006595.D

Acq: 21 Jul 2016 19:46

Instrument :

BNA_M

ClientSampleId :

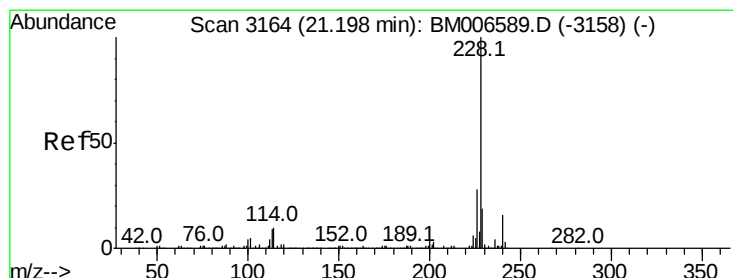
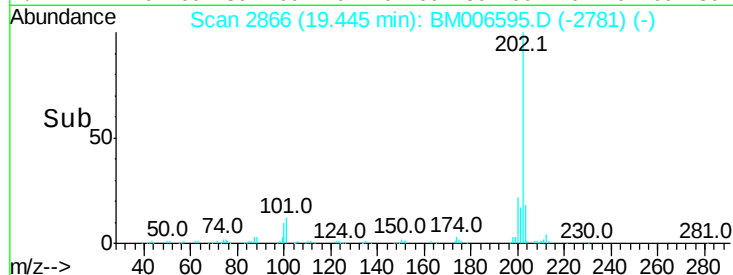
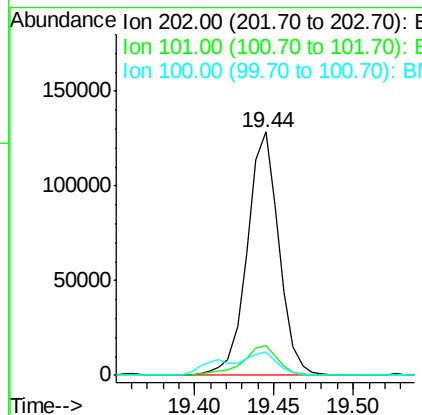
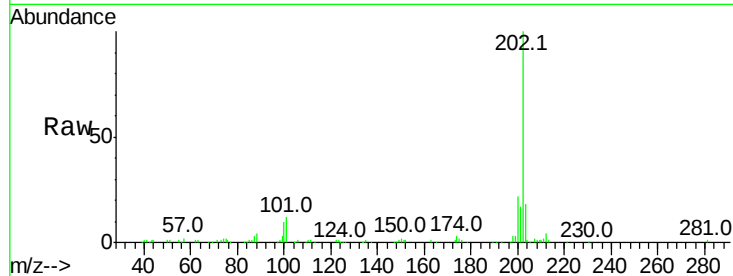
D9YS2

Tot Ion:	202	Resp:	178402
Ion Ratio	Lower	Upper	
202	100		
101	12.4	9.8	14.8
100	9.7	9.3	13.9

Manual Integrations

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#32

Benzo(a)anthracene

Concen: 1.76 ng/ul

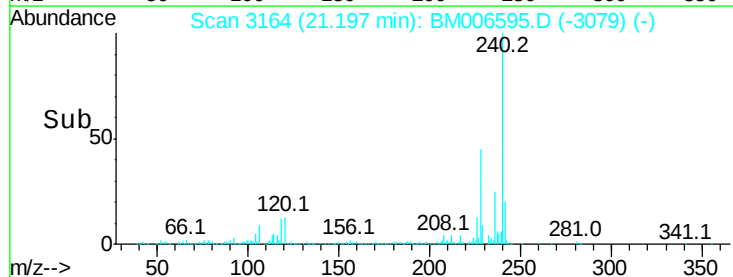
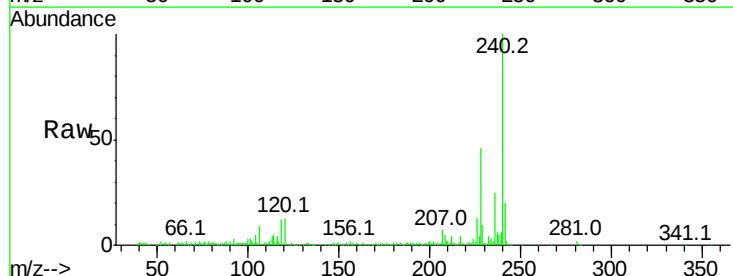
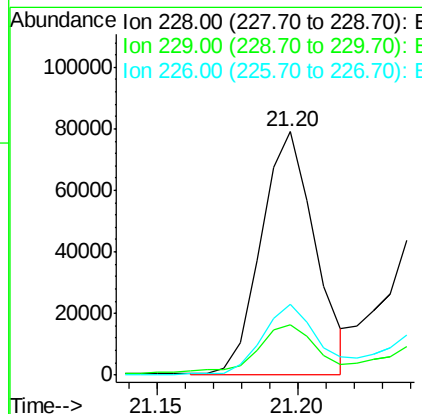
RT: 21.20 min Scan# 3164

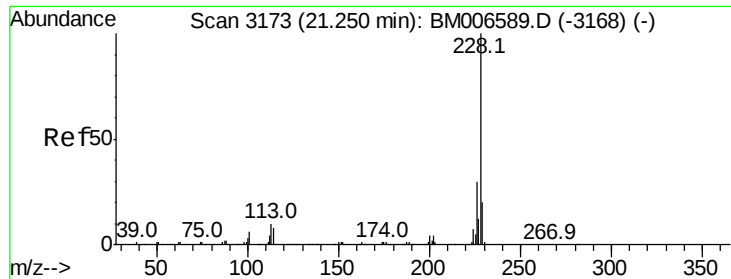
Delta R.T. 0.00 min

Lab File: BM006595.D

Acq: 21 Jul 2016 19:46

Tgt Ion:	228	Resp:	104828
Ion Ratio	Lower	Upper	
228	100		
229	20.8	16.6	25.0
226	28.8	21.0	31.4





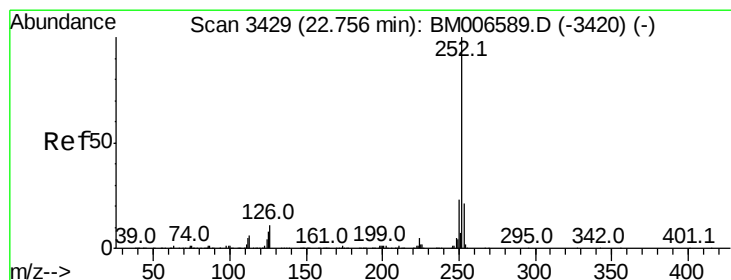
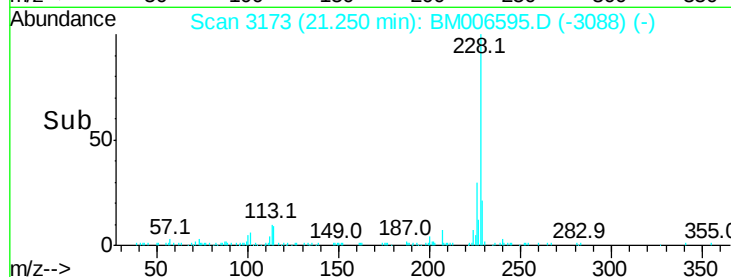
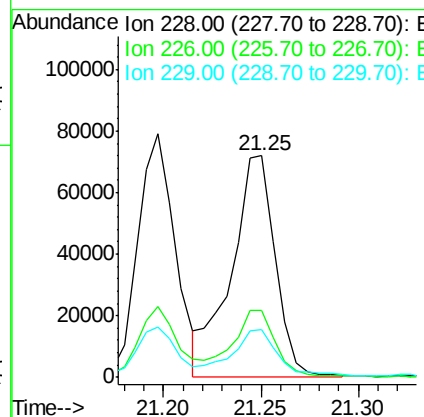
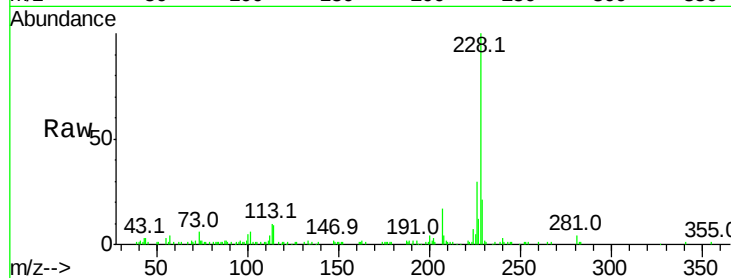
#33
Chrysene
Concen: 2.07 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Instrument :
BNA_M
ClientSampled :
D9YS2

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	21.5	16.2	24.2

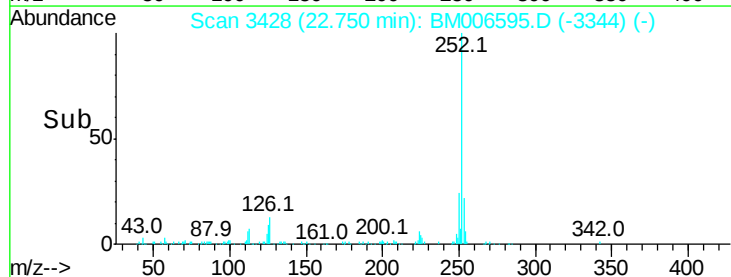
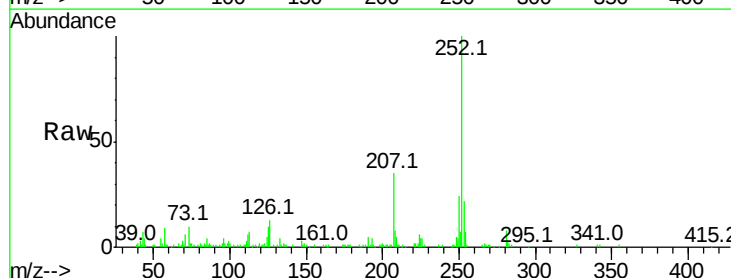
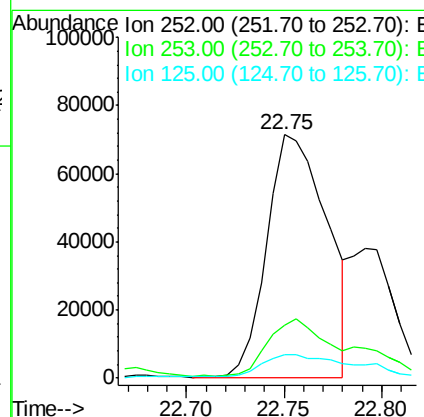
Manual Integrations

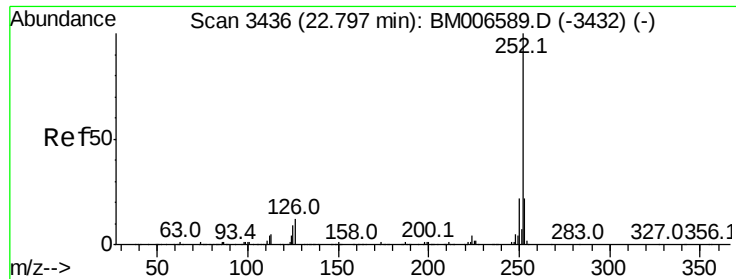
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#35
Benzo(b)fluoranthene
Concen: 2.51 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	9.8	7.6	11.4





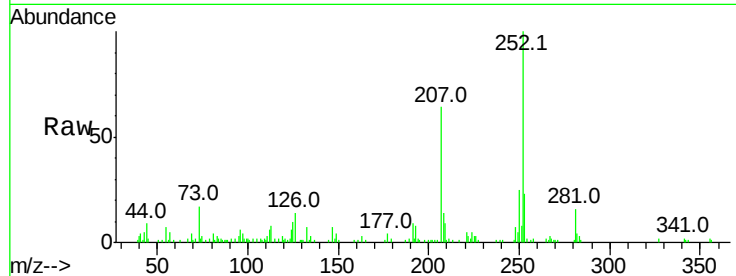
#36
Benzo(k)fluoranthene
Concen: 1.01 ng/ul m
RT: 22.79 min Scan# 3435
Delta R.T. -0.01 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Instrument :
BNA_M
ClientSampled :
D9YS2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.5	7.7	11.5

Manual Integrations

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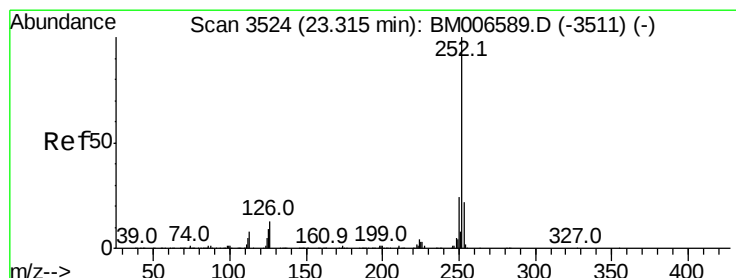
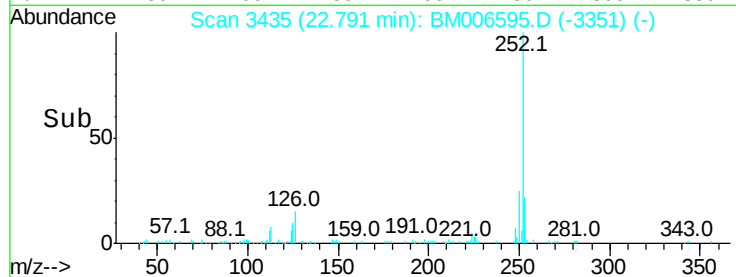
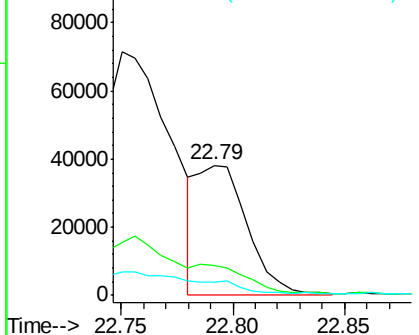


Abundance

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



#38
Benzo(a)pyrene
Concen: 1.73 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

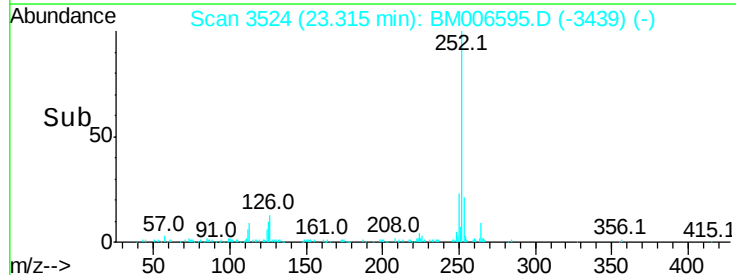
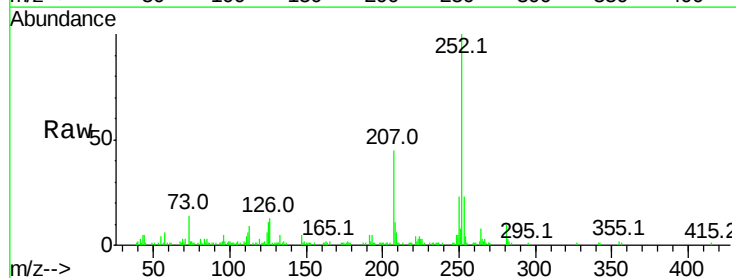
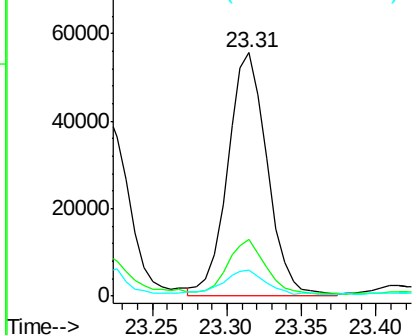
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	10.9	8.2	12.2

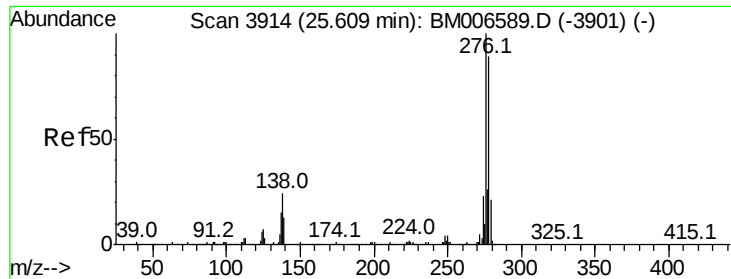
Abundance

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





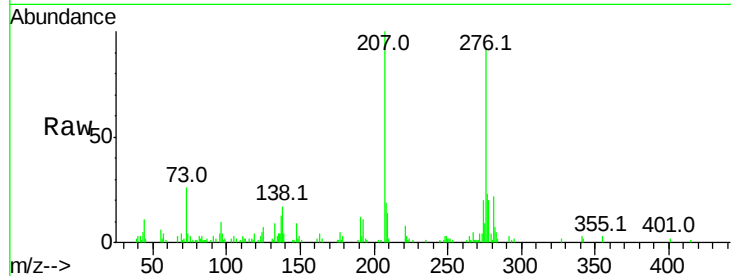
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.10 ng/ul
RT: 25.60 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Instrument :
BNA_M
ClientSampleId :
D9YS2

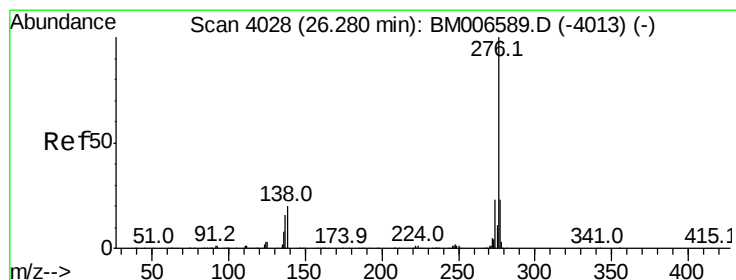
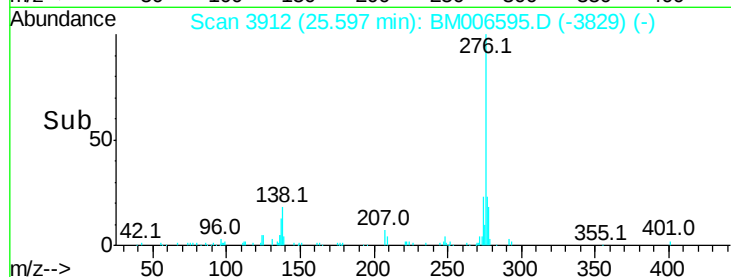
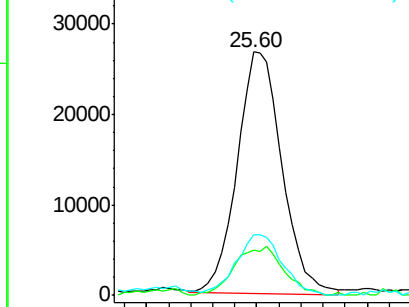
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	15.8	23.6
277	24.8	19.0	28.6

Manual Integrations

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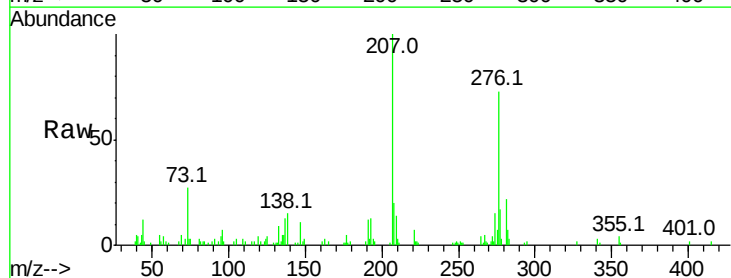


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#41
Benzo(g,h,i)perylene
Concen: 1.09 ng/ul
RT: 26.27 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	13.9	20.9
277	23.2	19.8	29.6



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

