

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
 Data File : BM005976.D
 Acq On : 24 Jun 2016 21:26
 Operator : UM/SJ
 Sample : H3612-24
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z40

Manual Integrations

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 6/27/2016 4:40:21 PM

Quant Time: Jun 25 01:11:37 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 24 23:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	233332	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	966452	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	520958	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1179509	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	1377241	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	1363366	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	10414	1.78	ng/uL	0.00
5) Phenol-d5	6.83	99	385705	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	238625	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	297544	18.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	215593	13.70	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	137360	19.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	150143	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	268167	18.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	295901	18.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	806536	19.49	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1028844	19.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	96891	11.97	ng/ul	0.00
57) Fluorene-d10	15.30	176	724314	20.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	74744	12.72	ng/ul	0.00
70) Anthracene-d10	17.15	188	1088053	20.25	ng/ul	0.00
76) Pyrene-d10	19.45	212	1309530	20.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	1293717	21.06	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.77	163	332632	7.96	ng/ul	99
69) Phenanthrene	17.10	178	204551	3.19	ng/ul	98
74) Fluoranthene	19.12	202	549957	7.83	ng/ul	99
77) Pyrene	19.48	202	453633	5.39	ng/ul	99
80) Benzo(a)anthracene	21.23	228	174112	2.13	ng/ul	98
82) Chrysene	21.29	228	260161	3.45	ng/ul	98
85) Benzo(b)fluoranthene	22.80	252	339298	4.10	ng/ul	99
86) Benzo(k)fluoranthene	22.84	252	97247m	1.29	ng/ul	
88) Benzo(a)pyrene	23.37	252	205704	2.67	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.67	276	147247	1.72	ng/ul	99
91) Benzo(g,h,i)perylene	26.35	276	144681	1.96	ng/ul	98

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

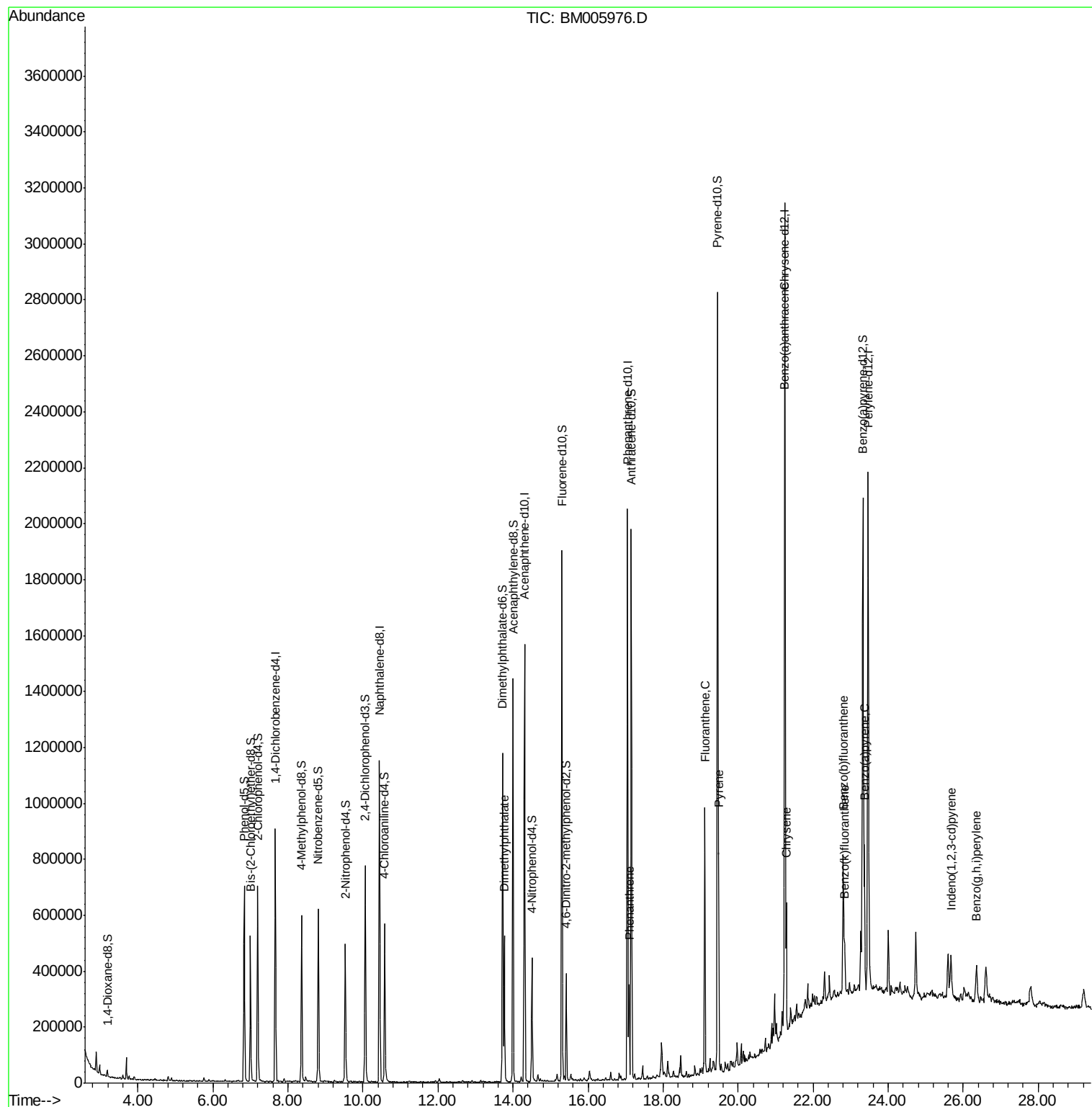
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005976.D
Acq On : 24 Jun 2016 21:26
Operator : UM/SJ
Sample : H3612-24
Misc :
ALS Vial : 12 Sample Multiplier: 1

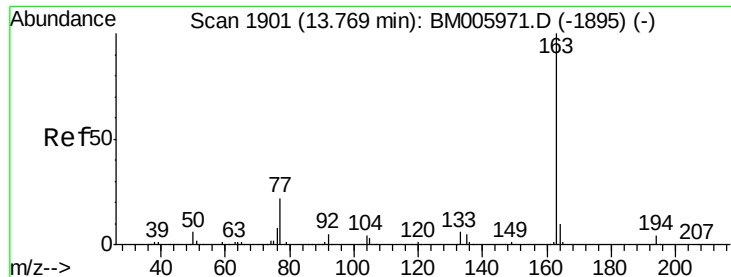
Instrument :
BNA_M
ClientSampleId :
D9Z40

Manual Integrations

Quant Time: Jun 25 01:11:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
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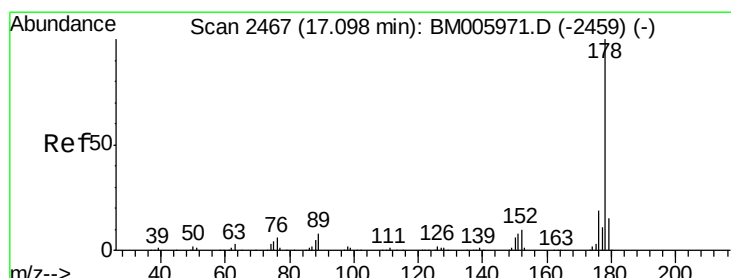
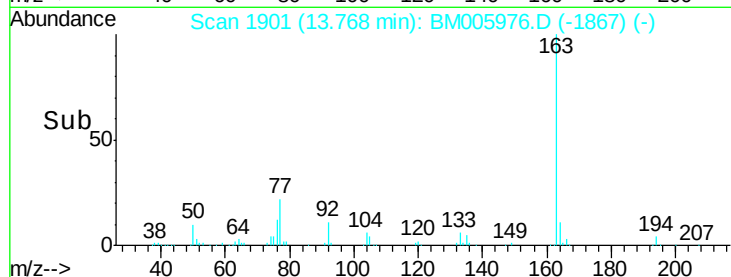
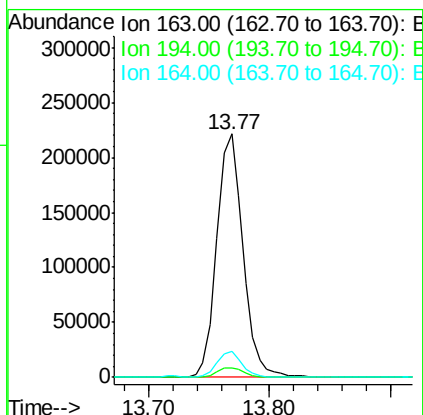
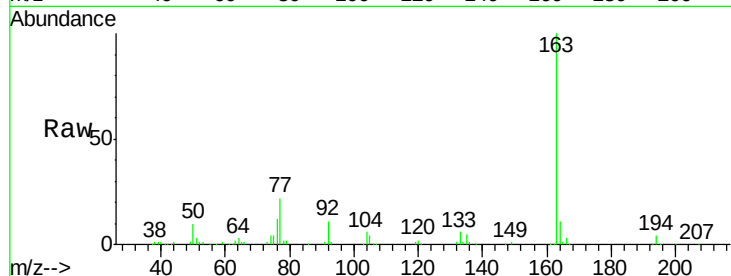
#44
Dimethylphthalate
Concen: 7.96 ng/ul
RT: 13.77 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BM005976.D
Acq: 24 Jun 2016 21:26

Instrument :
BNA_M
ClientSampleId :
D9Z40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.5	7.9	11.9

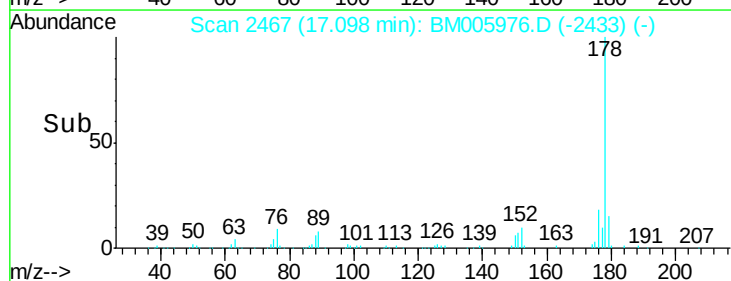
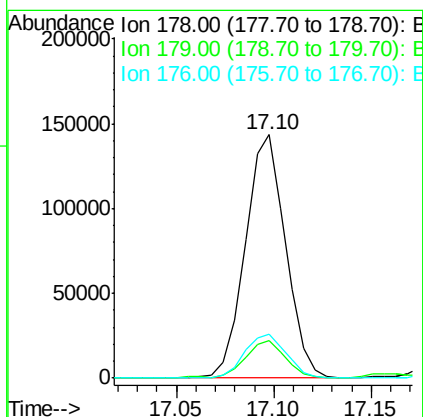
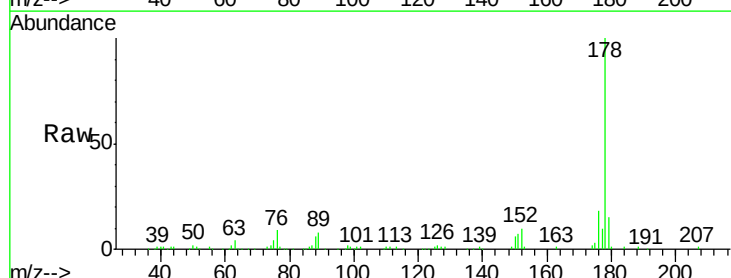
Manual Integrations

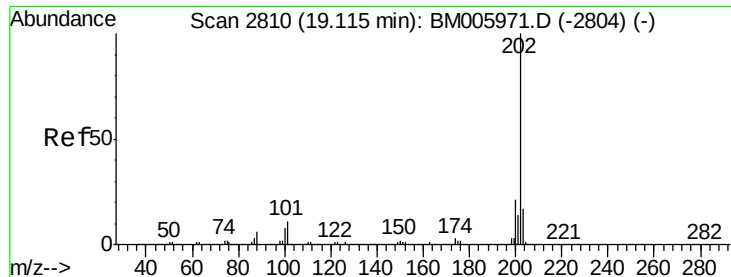
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#69
Phenanthrene
Concen: 3.19 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BM005976.D
Acq: 24 Jun 2016 21:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	18.2	15.3	22.9





#74

Fluoranthene

Concen: 7.83 ng/ul

RT: 19.12 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BM005976.D

Acq: 24 Jun 2016 21:26

Instrument :

BNA_M

ClientSampled :

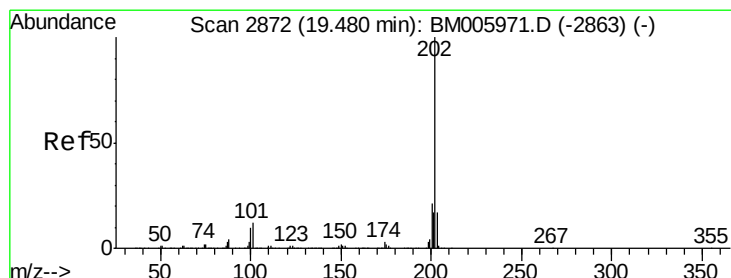
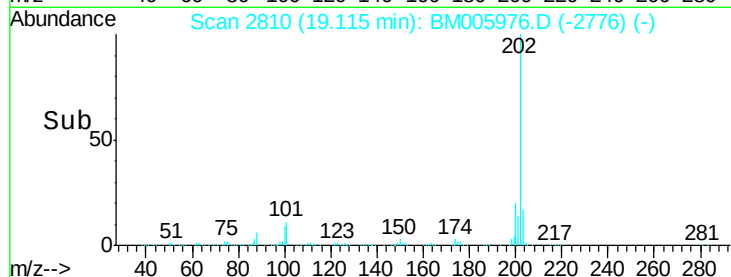
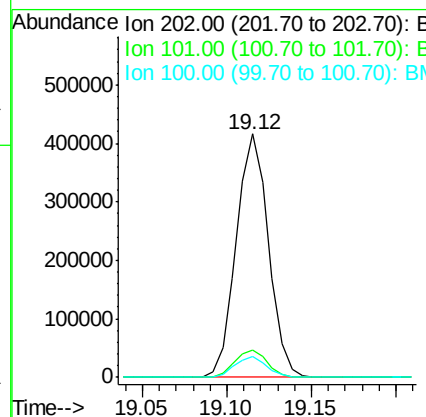
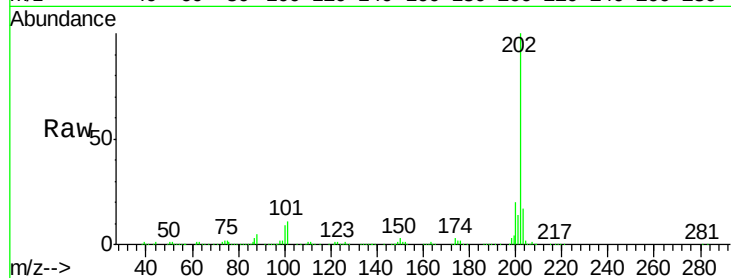
D9Z40

Tgt	Ion	202	Resp:	549957
Ion	Ratio	Lower	Upper	
202	100			
101	11.0	9.2	13.8	
100	8.6	6.6	9.8	

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#77

Pyrene

Concen: 5.39 ng/ul

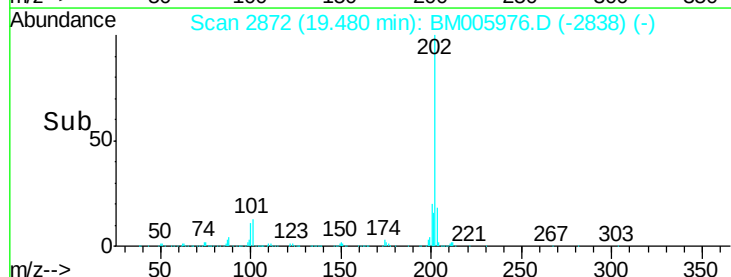
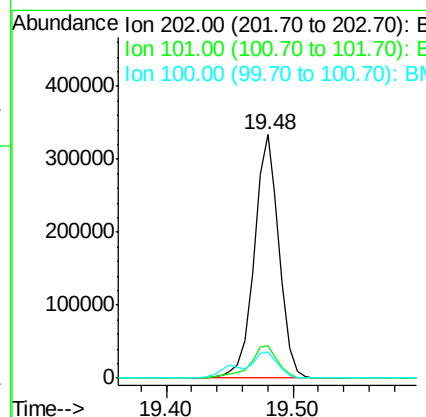
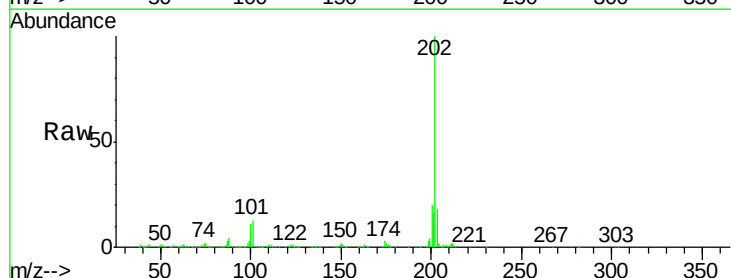
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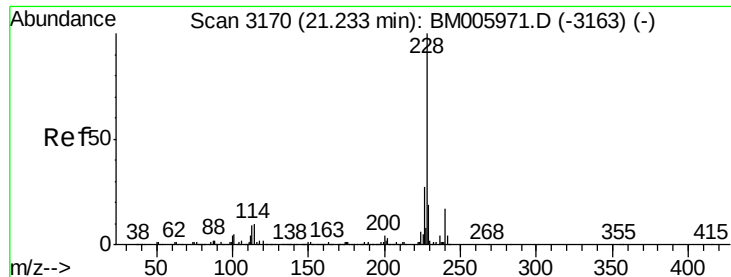
Delta R.T. -0.00 min

Lab File: BM005976.D

Acq: 24 Jun 2016 21:26

Tgt	Ion	202	Resp:	453633
Ion	Ratio	Lower	Upper	
202	100			
101	13.3	10.2	15.2	
100	10.6	8.2	12.4	





#80

Benzo(a)anthracene

Concen: 2.13 ng/ul

RT: 21.23 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BM005976.D

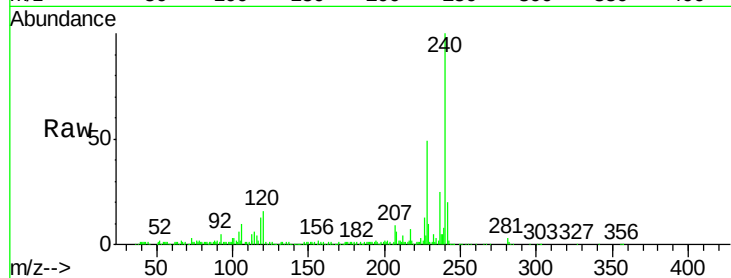
Acq: 24 Jun 2016 21:26

Instrument :

BNA_M

ClientSampleId :

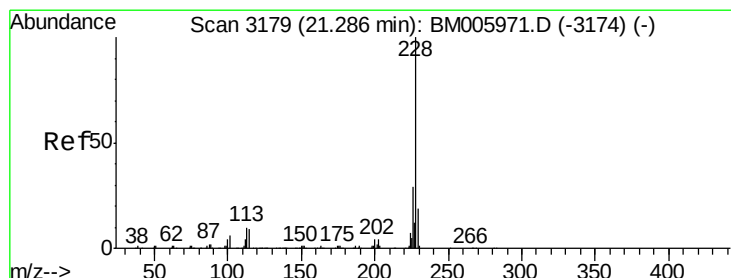
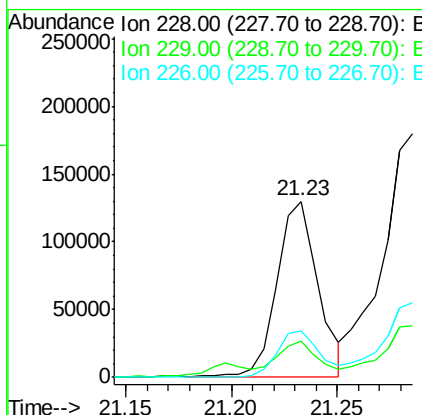
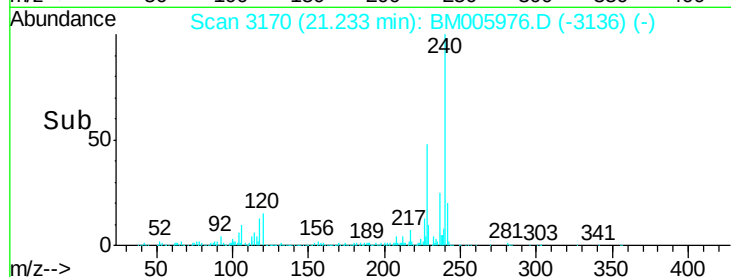
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	26.3	21.6	32.4

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#82

Chrysene

Concen: 3.45 ng/ul

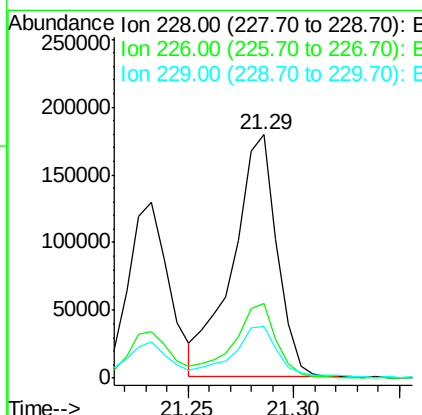
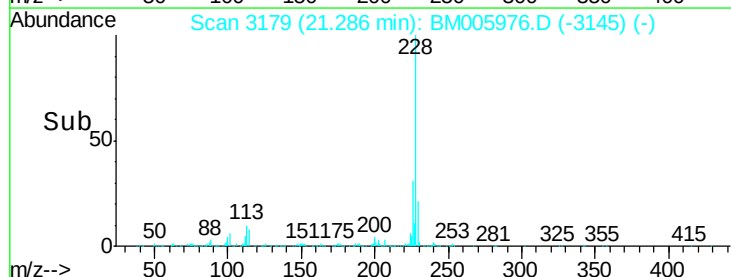
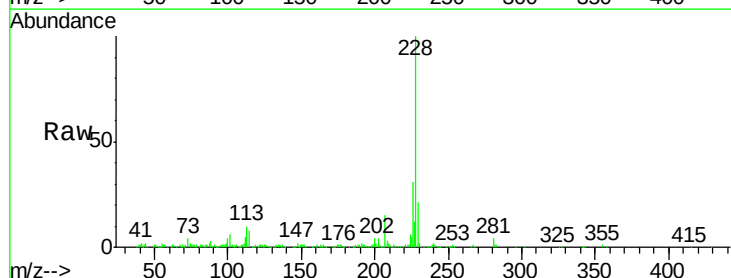
RT: 21.29 min Scan# 3179

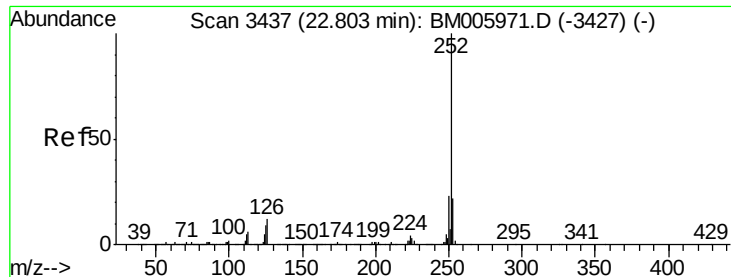
Delta R.T. -0.00 min

Lab File: BM005976.D

Acq: 24 Jun 2016 21:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	21.4	15.8	23.6





#85

Benzo(b)fluoranthene

Concen: 4.10 ng/ul

RT: 22.80 min Scan# 3437

Delta R.T. -0.00 min

Lab File: BM005976.D

Acq: 24 Jun 2016 21:26

Instrument :

BNA_M

ClientSampleId :

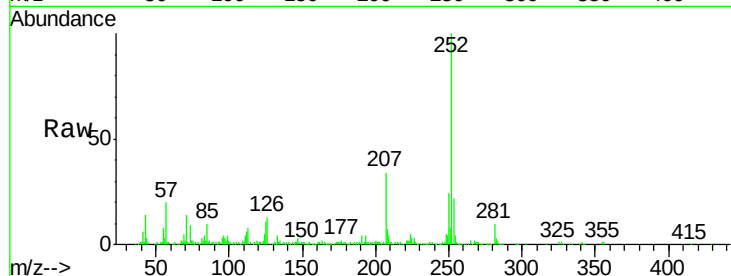
D9Z40

Tgt Ion:	252	Resp:	339298
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.7	26.5
125	10.6	7.4	11.2

Manual Integrations

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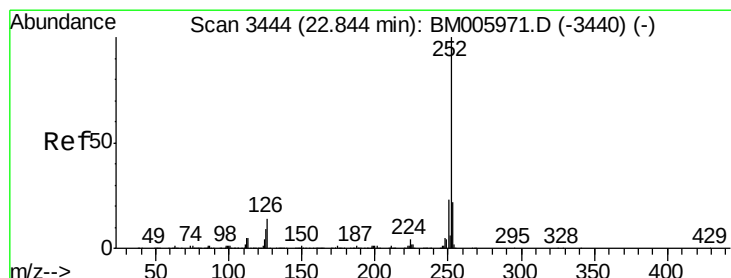
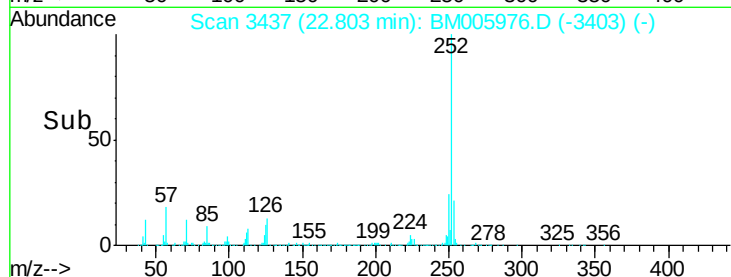
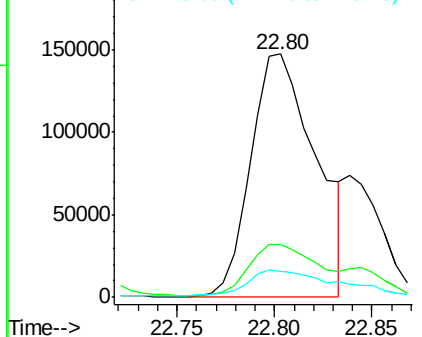
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 1.29 ng/ul m

RT: 22.84 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BM005976.D

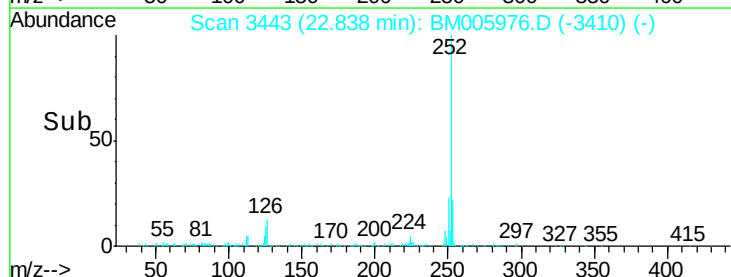
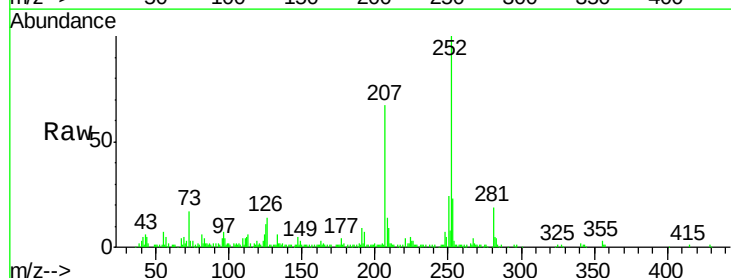
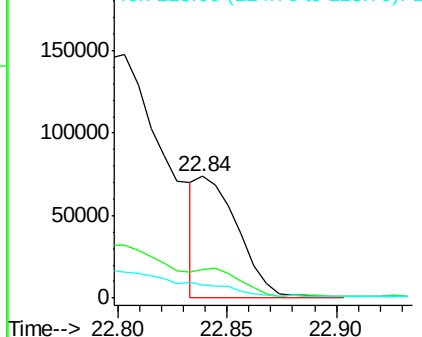
Acq: 24 Jun 2016 21:26

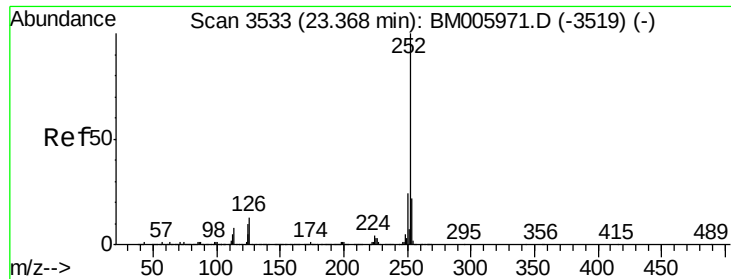
Tgt Ion:	252	Resp:	97247
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.6	26.4
125	10.7	7.4	11.0

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





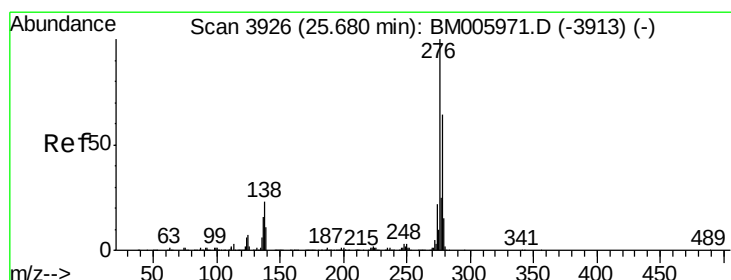
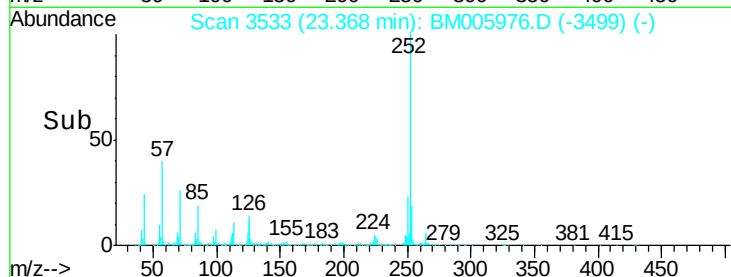
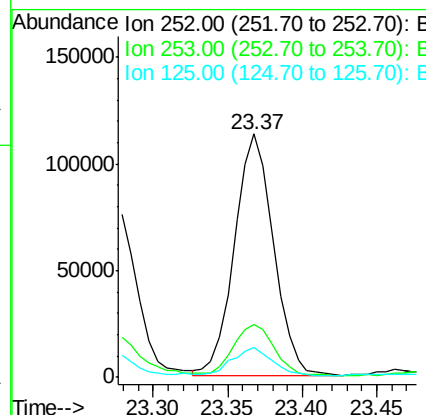
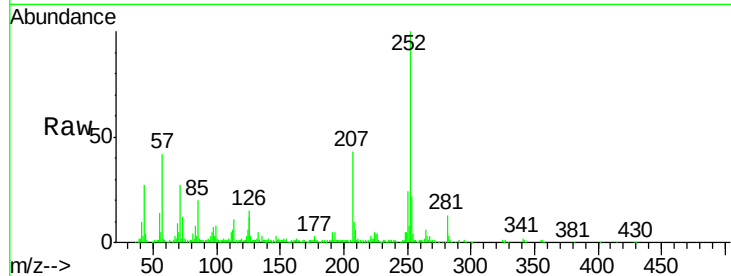
#88
Benzo(a)pyrene
Concen: 2.67 ng/ul
RT: 23.37 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BM005976.D
Acq: 24 Jun 2016 21:26

Instrument :
BNA_M
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D9Z40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	12.4	8.5	12.7

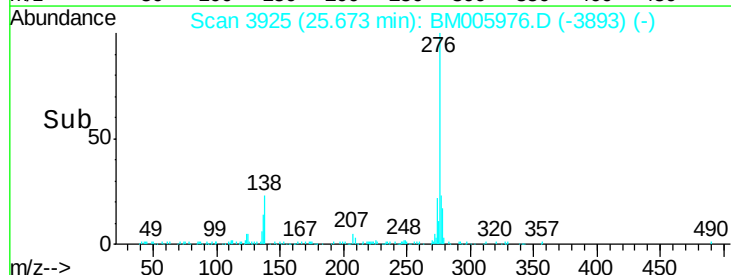
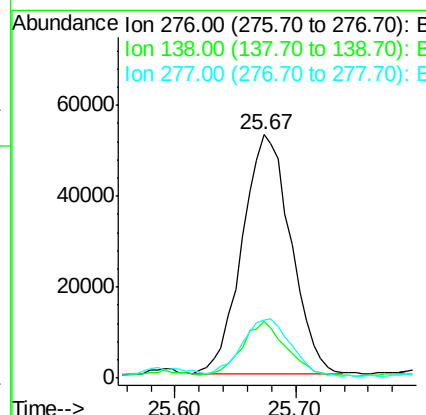
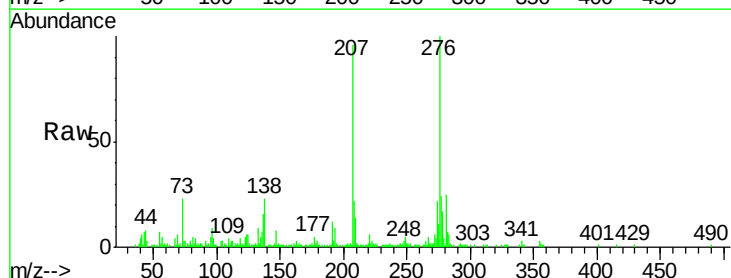
Manual Integrations

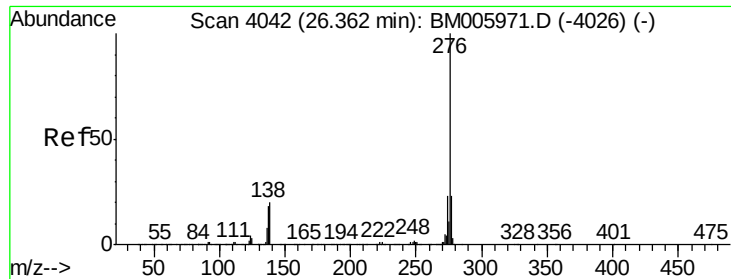
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#89
Indeno(1,2,3-cd)pyrene
Concen: 1.72 ng/ul
RT: 25.67 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BM005976.D
Acq: 24 Jun 2016 21:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.1	27.1
277	23.8	19.4	29.2





#91

Benzo(g,h,i)perylene

Concen: 1.96 ng/ul

RT: 26.35 min Scan# 4040

Delta R.T. -0.01 min

Lab File: BM005976.D

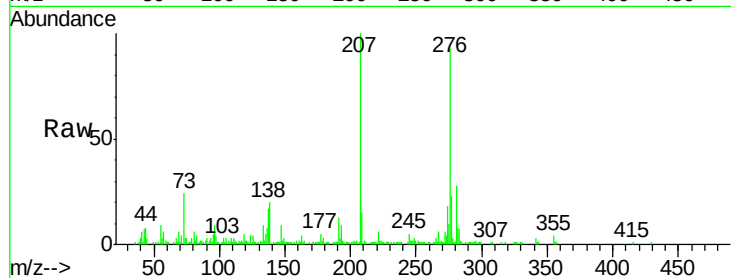
Acq: 24 Jun 2016 21:26

Instrument :

BNA_M

ClientSampleId :

D9Z40



Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.2	25.8
277	24.6	18.7	28.1

Manual Integrations

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