

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014789.D
 Acq On : 23 Apr 2018 23:04
 Operator : SJ/JU
 Sample : J2431-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP1

Manual Integrations
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 4/24/2018 7:13:31 PM

Quant Time: Apr 24 18:21:58 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	336770	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1426447	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	742742	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1549436	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1585707	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1658511	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	50858	6.59	ng/uL	0.00
5) Phenol-d5	7.65	99	879477	33.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	609075	36.48	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	740343	33.99	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	685076	33.00	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	349250	33.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	361357	35.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	648504	31.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	935111	45.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	1958744	33.78	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	2332068	32.57	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	245714	22.83	ng/ul	0.00
57) Fluorene-d10	16.10	176	1660456	32.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	175005	20.87	ng/ul	0.00
70) Anthracene-d10	17.94	188	2441462	33.81	ng/ul	0.00
76) Pyrene-d10	20.17	212	2643213	35.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	2974527	36.51	ng/ul	0.00

Target Compounds

					Ovalue	
34) 2-Methylnaphthalene	12.99	142	118034	2.445	ng/ul	97
40) 1,1'-Biphenyl	13.97	154	115689	1.937	ng/ul#	98
44) Dimethylphthalate	14.56	163	380381	6.787	ng/ul	99
49) Acenaphthene	15.19	153	646203	13.109	ng/ul	98
53) Dibenzofuran	15.52	168	903333	13.197	ng/ul	100
58) Fluorene	16.16	166	1295887	23.446	ng/ul	99
69) Phenanthrene	17.89	178	8054723	96.798	ng/ul	98
71) Anthracene	17.97	178	1420580	16.822	ng/ul	98
74) Fluoranthene	19.84	202	4729138	52.128	ng/ul#	81
77) Pyrene	20.20	202	3332431	35.968	ng/ul#	79
80) Benzo(a)anthracene	21.91	228	1058223	11.412	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.79	149	379848	6.846	ng/ul#	96
82) Chrysene	21.96	228	943085	10.864	ng/ul	98
85) Benzo(b)fluoranthene	23.66	252	614005	6.280	ng/ul#	96
86) Benzo(k)fluoranthene	23.70	252	241164m	2.565	ng/ul	
88) Benzo(a)pyrene	24.31	252	411807	4.440	ng/ul#	96

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

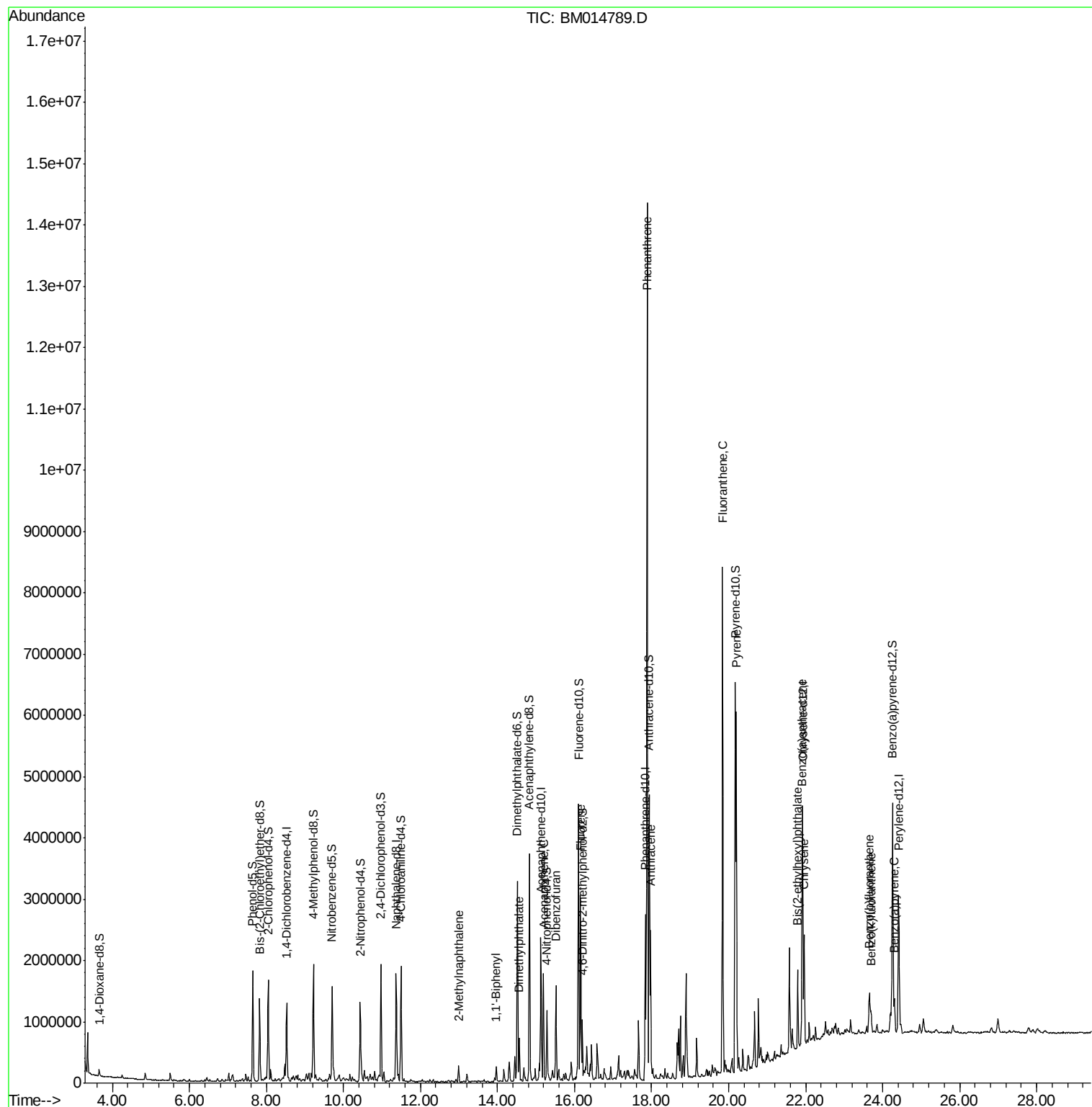
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014789.D
Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

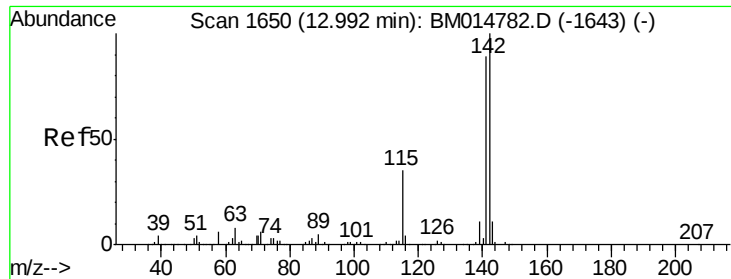
Instrument :
BNA_M
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Quant Time: Apr 24 18:21:58 2018
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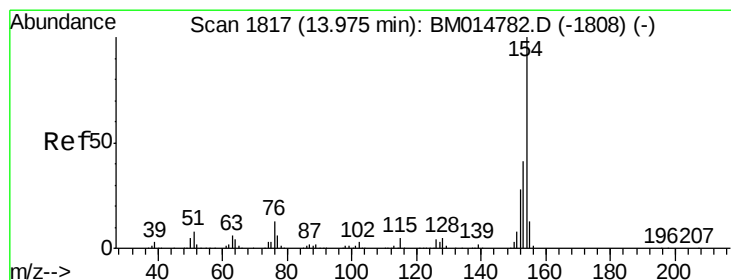
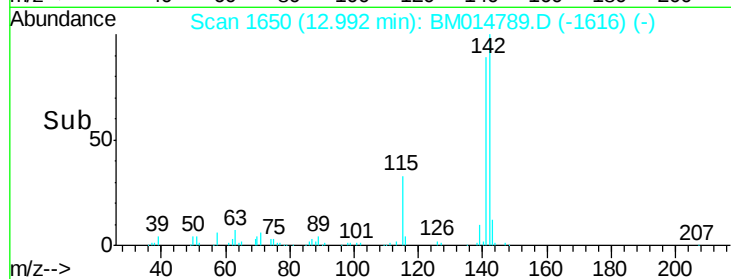
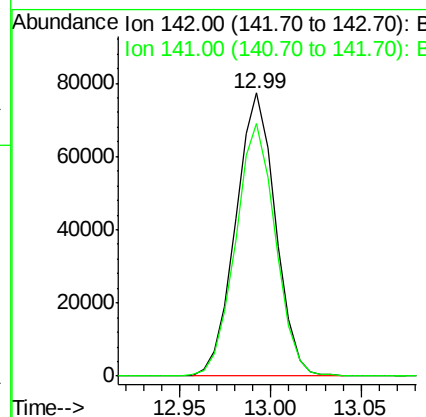
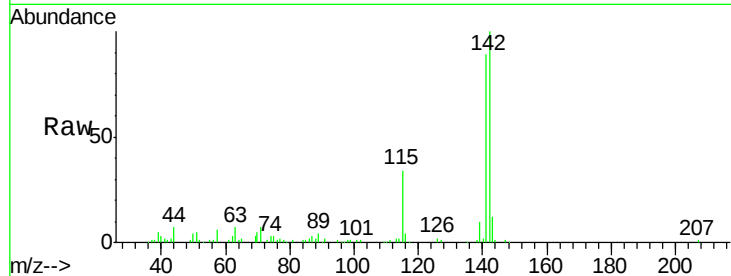
#34
 2-Methylnaphthalene
 Concen: 2.445 ng/ul
 RT: 12.99 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM014789.D
 Acq: 23 Apr 2018 23:04

Instrument :
 BNA_M
 ClientSampleId :
 DASP1

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	74.1	111.1

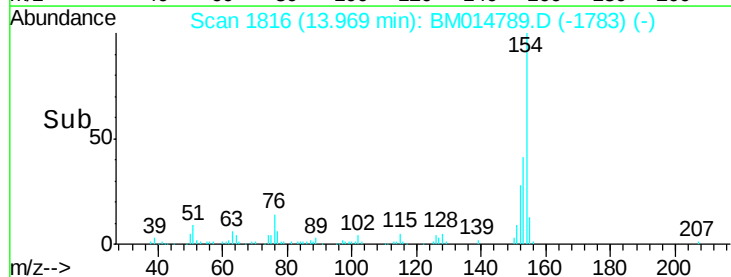
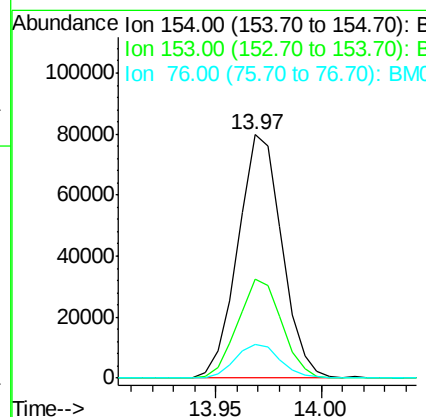
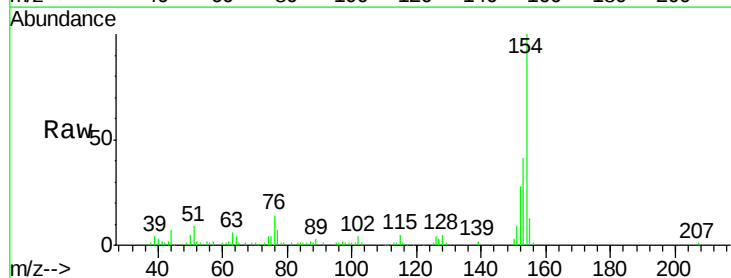
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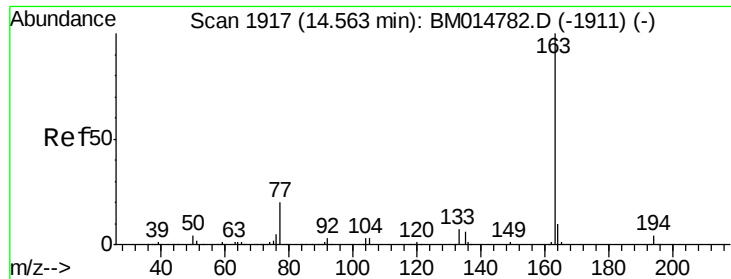
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#40
 1,1'-Biphenyl
 Concen: 1.937 ng/ul
 RT: 13.97 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BM014789.D
 Acq: 23 Apr 2018 23:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.6	48.8
76	13.7	8.5	12.7





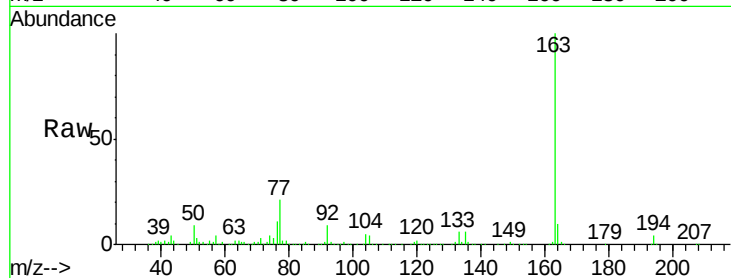
#44
Dimethylphthalate
Concen: 6.787 ng/ul
RT: 14.56 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM014789.D
Acq: 23 Apr 2018 23:04

Instrument :
BNA_M
ClientSampled :
DASP1

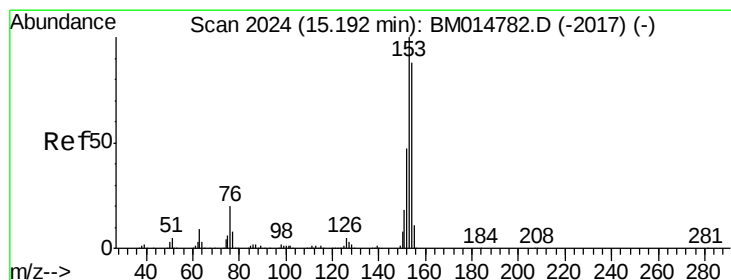
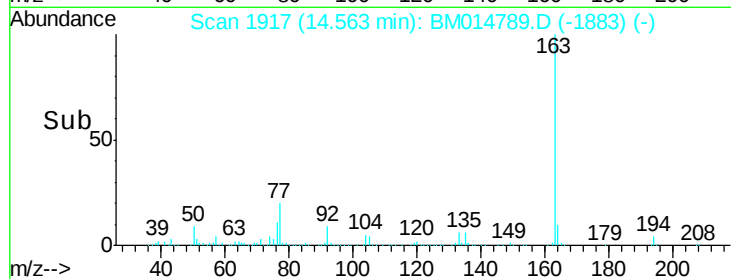
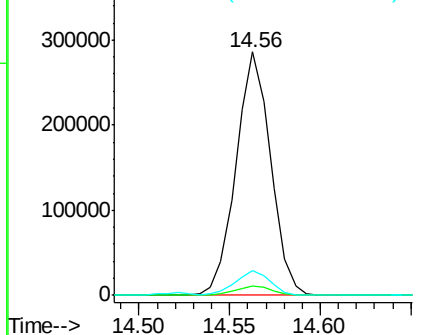
Tot Ion:	163	Resp:	380381
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.5	5.3
164	9.9	8.2	12.4

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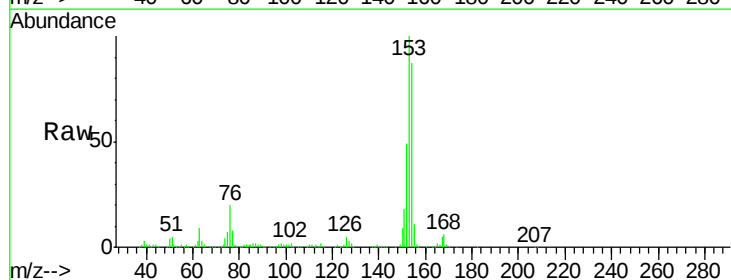


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

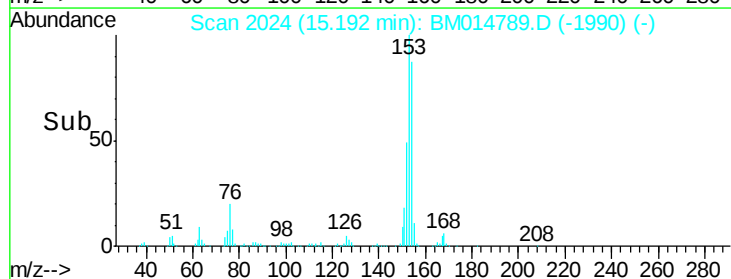
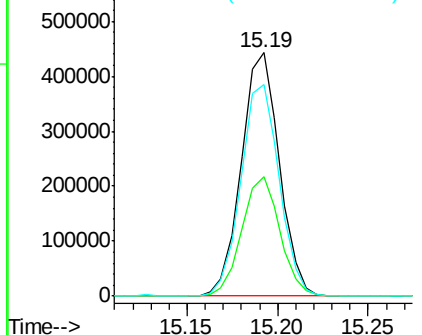


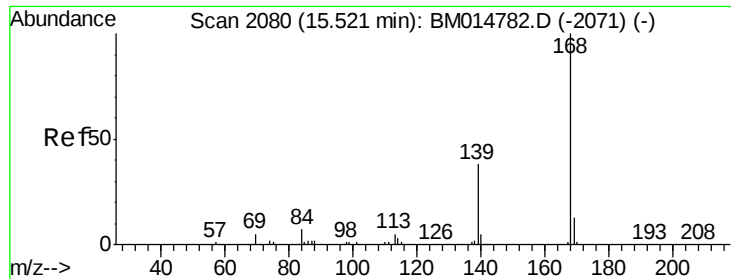
#49
Acenaphthene
Concen: 13.109 ng/ul
RT: 15.19 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BM014789.D
Acq: 23 Apr 2018 23:04

Tgt Ion:	153	Resp:	646203
Ion Ratio	Lower	Upper	
153	100		
152	49.3	37.6	56.4
154	87.1	70.4	105.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





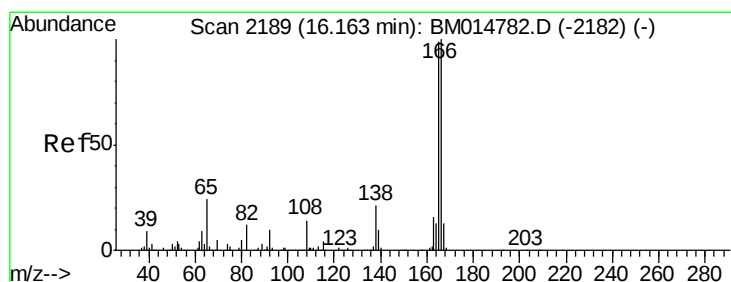
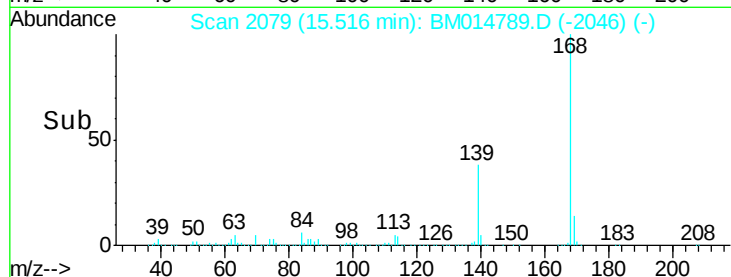
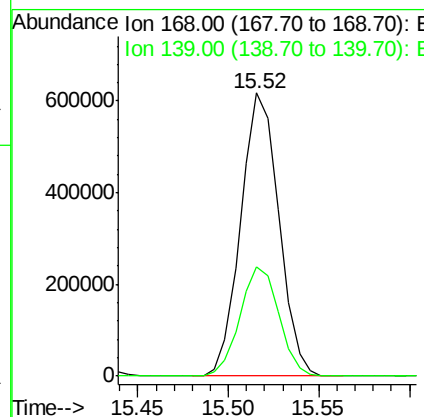
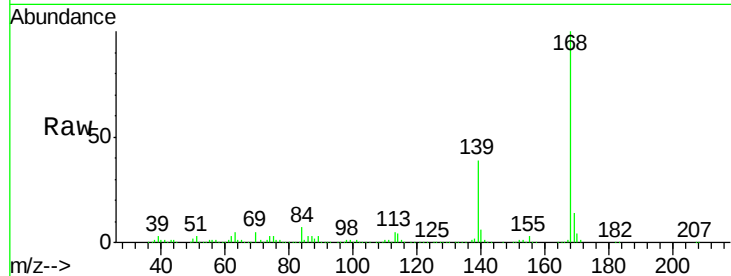
#53
Dibenzenofuran
Concen: 13.197 ng/ul
RT: 15.52 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM014789.D
Acq: 23 Apr 2018 23:04

Instrument :
BNA_M
ClientSampleId :
DASP1

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.8	46.2

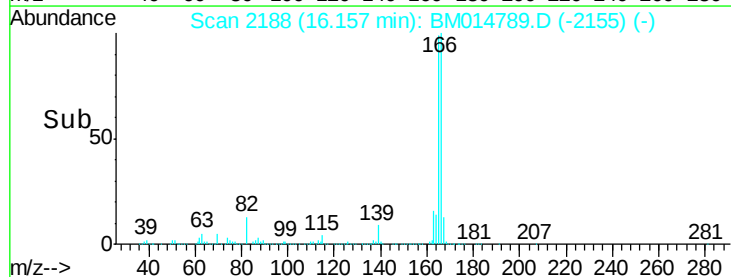
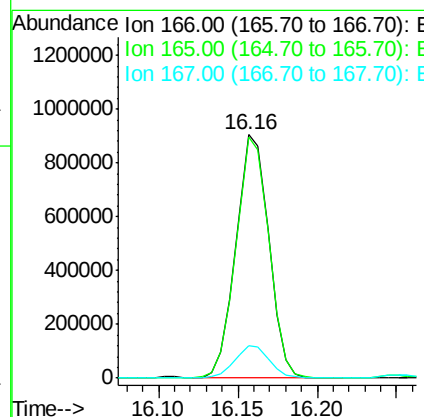
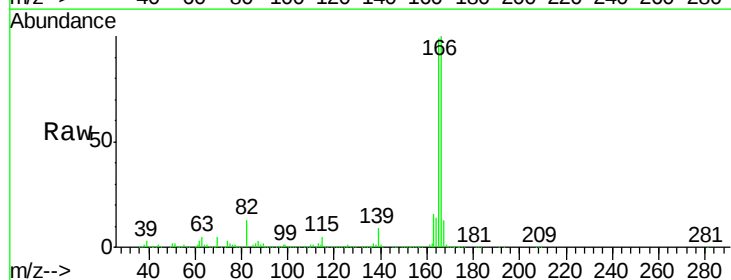
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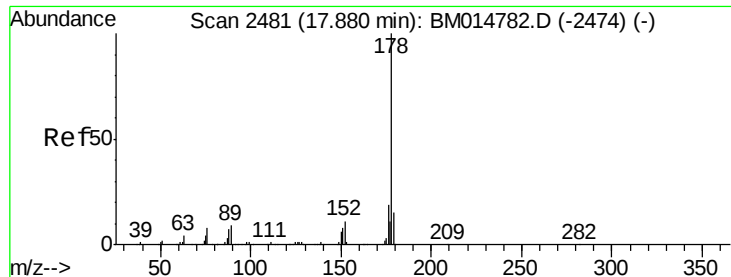
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#58
Fluorene
Concen: 23.446 ng/ul
RT: 16.16 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BM014789.D
Acq: 23 Apr 2018 23:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.9	116.9
167	13.5	10.6	16.0





#69

Phenanthrene

Concen: 96.798 ng/ul

RT: 17.89 min Scan# 2482

Delta R.T. 0.01 min

Lab File: BM014789.D

Acq: 23 Apr 2018 23:04

Instrument :

BNA_M

ClientSampled :

DASP1

Tot Ion:178 Resp: 8054723

Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

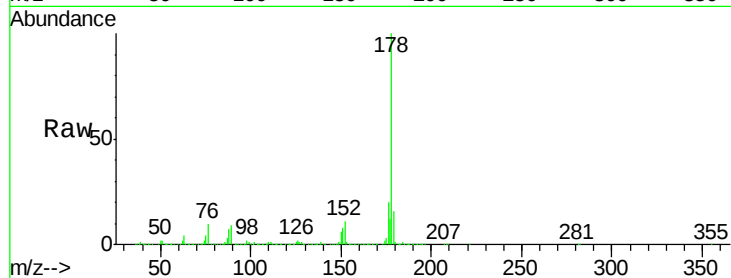
176 19.9 14.9 22.3

Manual Integrations

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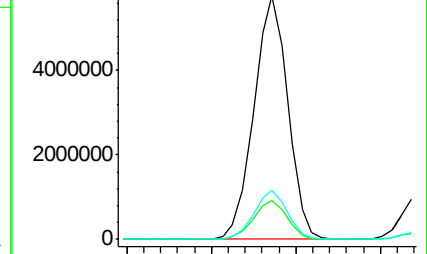
4/24/2018 7:13:31 PM



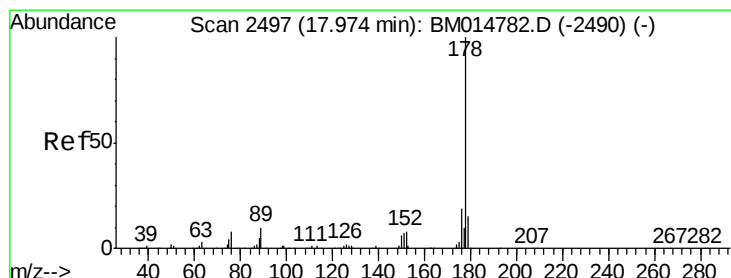
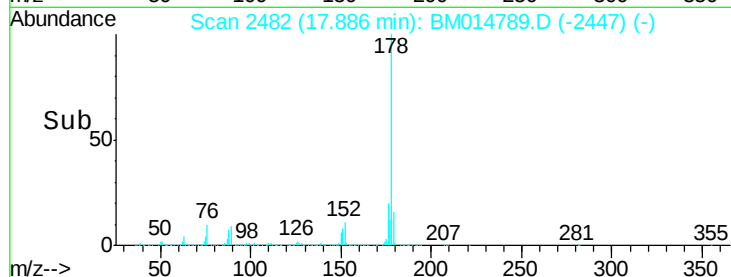
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.80 17.85 17.90 17.95



#71

Anthracene

Concen: 16.822 ng/ul

RT: 17.97 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BM014789.D

Acq: 23 Apr 2018 23:04

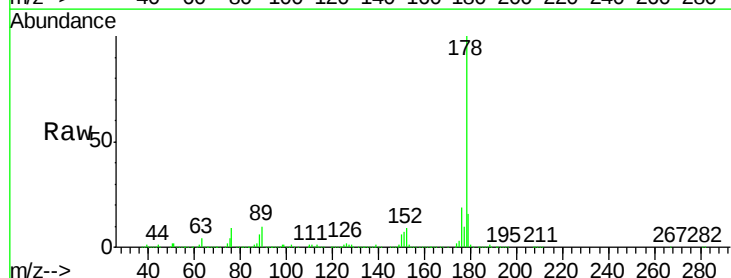
Tgt Ion:178 Resp: 1420580

Ion Ratio Lower Upper

178 100

179 15.6 11.7 17.5

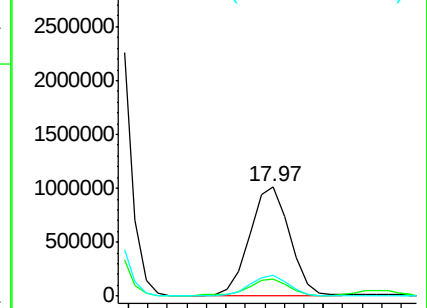
176 18.7 14.6 21.8



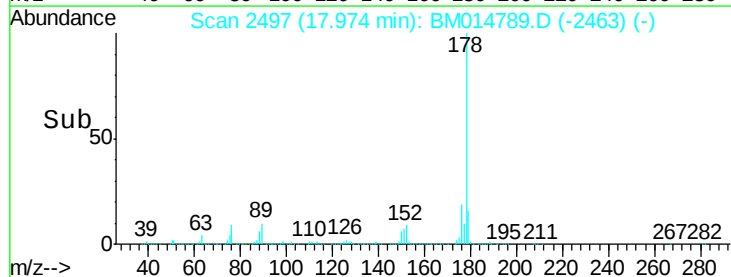
Abundance Ion 178.00 (177.70 to 178.70): E

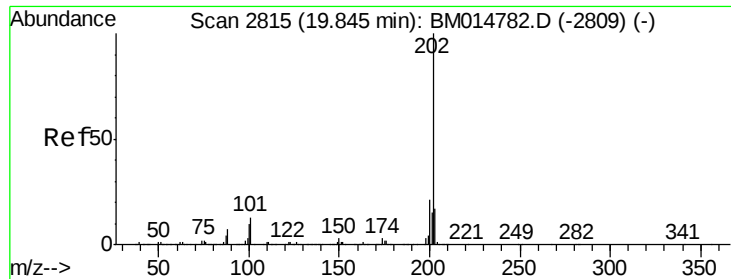
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.90 17.95 18.00





#74

Fluoranthene

Concen: 52.128 ng/ul

RT: 19.84 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM014789.D

Acq: 23 Apr 2018 23:04

Instrument :

BNA_M

ClientSampleId :

DASP1

Tot Ion:202 Resp: 4729138

Ion Ratio Lower Upper

202 100

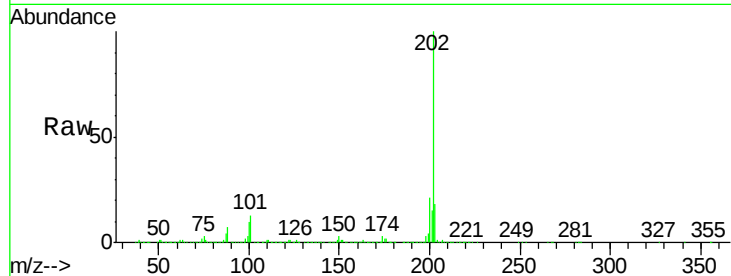
101 12.9 4.6 7.0#

100 10.0 3.4 5.2#

Manual Integrations
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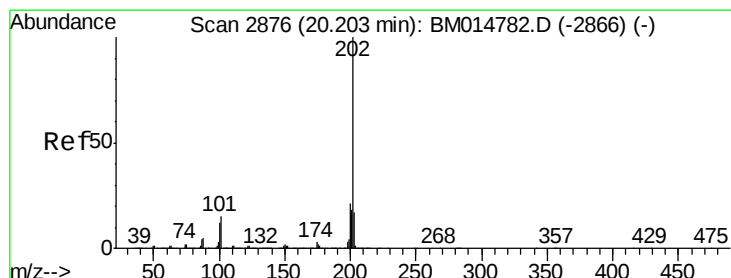
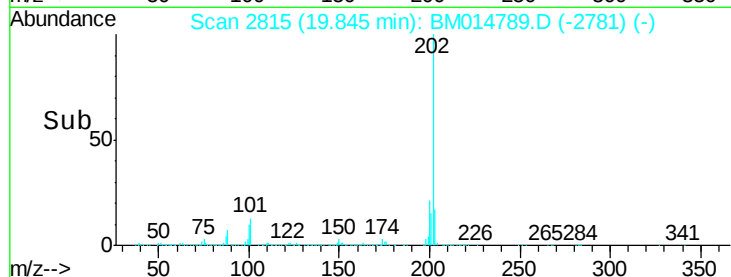
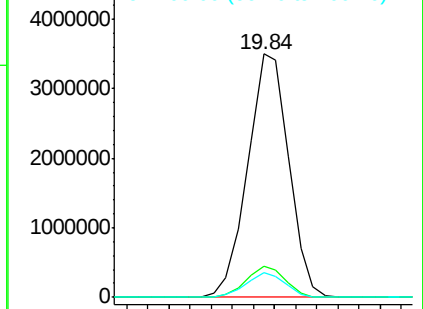
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 35.968 ng/ul

RT: 20.20 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BM014789.D

Acq: 23 Apr 2018 23:04

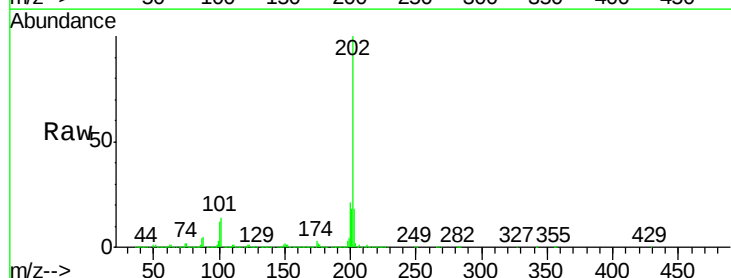
Tgt Ion:202 Resp: 3332431

Ion Ratio Lower Upper

202 100

101 14.5 5.1 7.7#

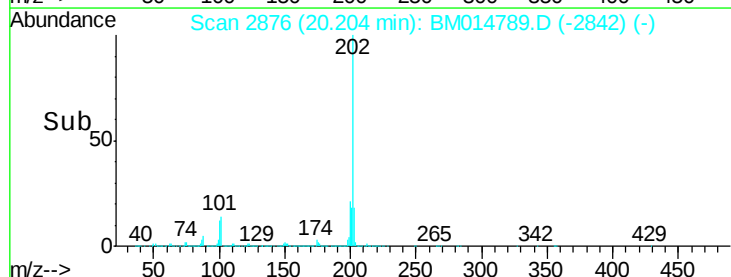
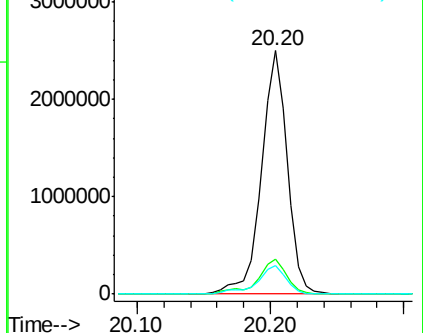
100 11.9 4.9 7.3#

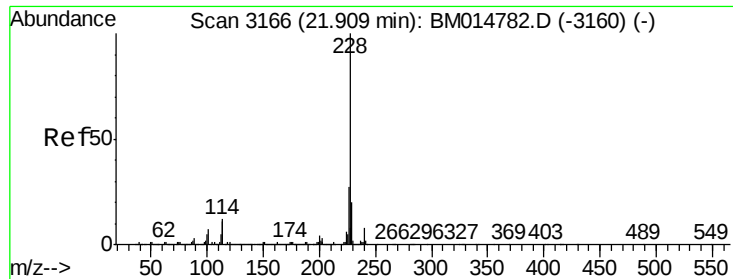


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





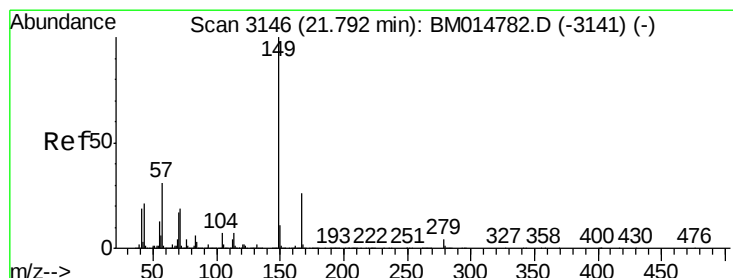
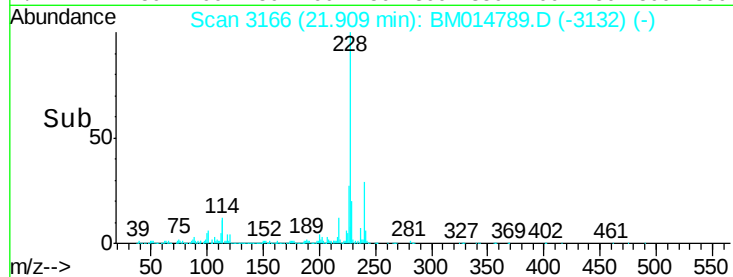
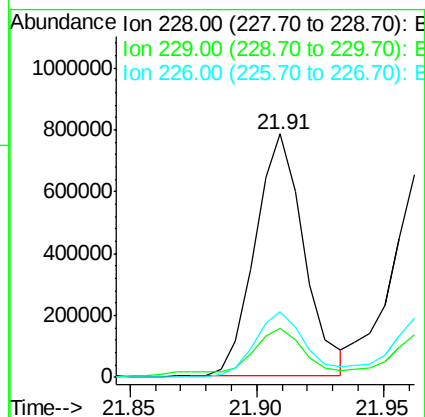
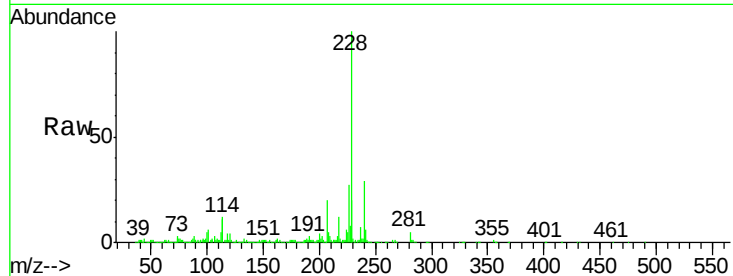
#80
Benzo(a)anthracene
Concen: 11.412 ng/ul
RT: 21.91 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BM014789.D
Acq: 23 Apr 2018 23:04

Instrument :
BNA_M
ClientSampled :
DASP1

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.0
226	27.2	21.4	32.0

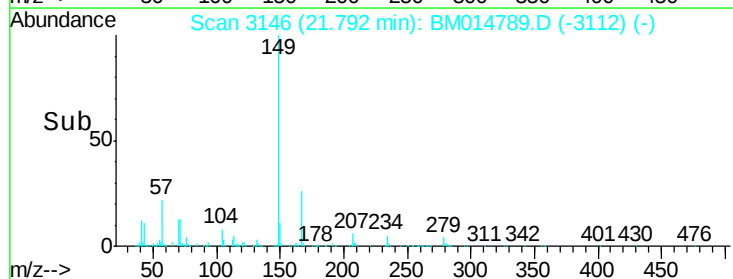
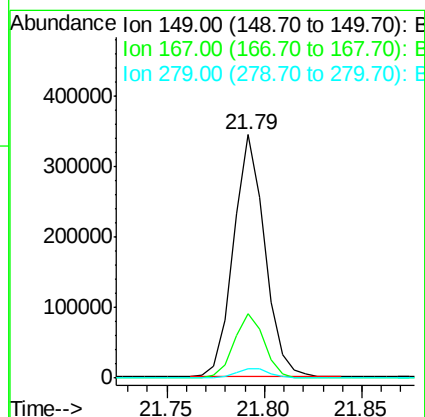
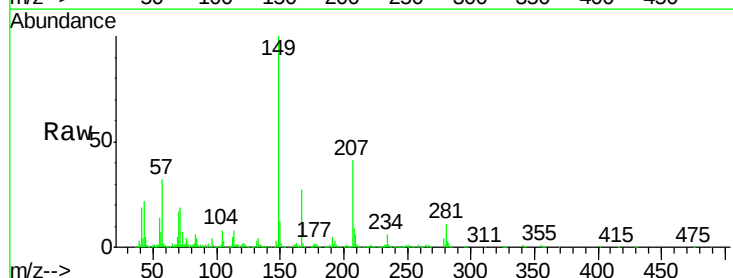
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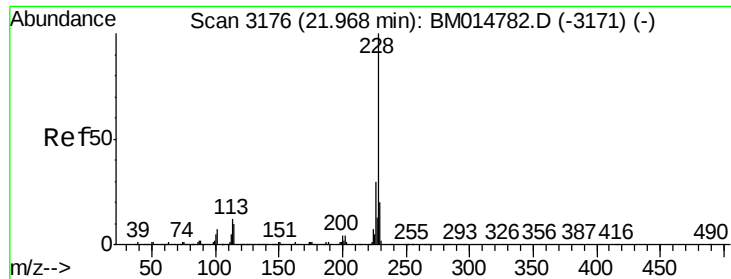
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#81
Bis(2-ethylhexyl)phthalate
Concen: 6.846 ng/ul
RT: 21.79 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BM014789.D
Acq: 23 Apr 2018 23:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.8	34.2
279	4.0	4.9	7.3#





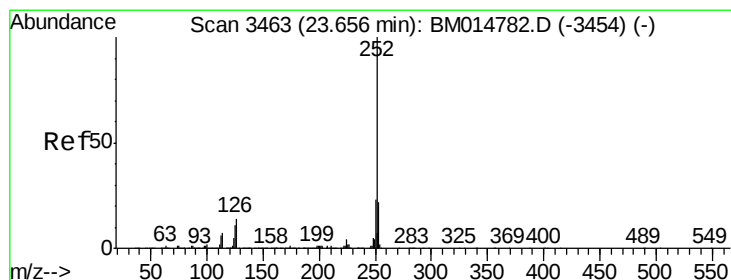
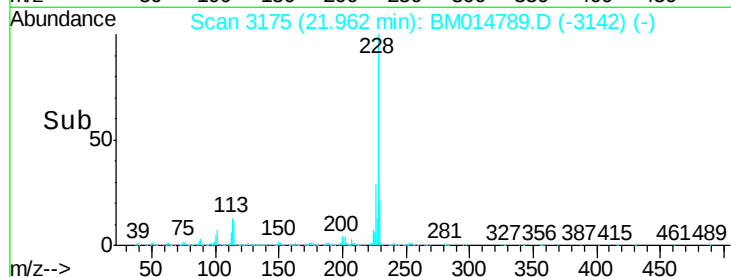
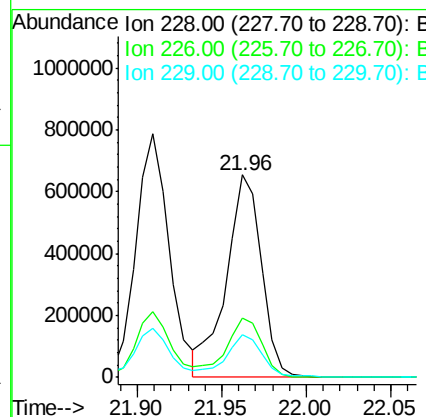
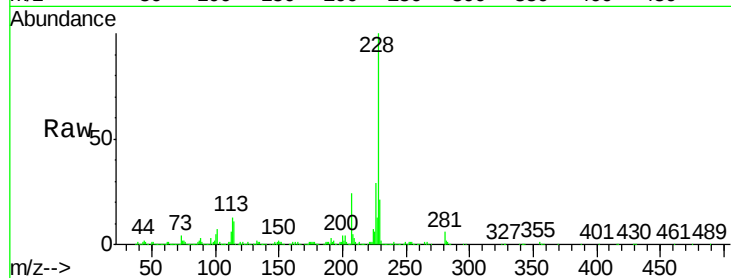
#82
Chrysene
Concen: 10.864 ng/ul
RT: 21.96 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BM014789.D
Acq: 23 Apr 2018 23:04

Instrument :
BNA_M
ClientSampleID :
DASP1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	21.0	15.5	23.3

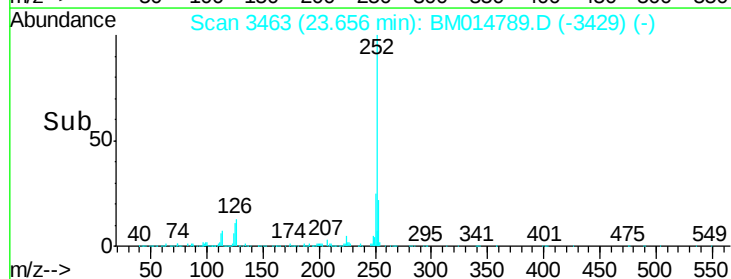
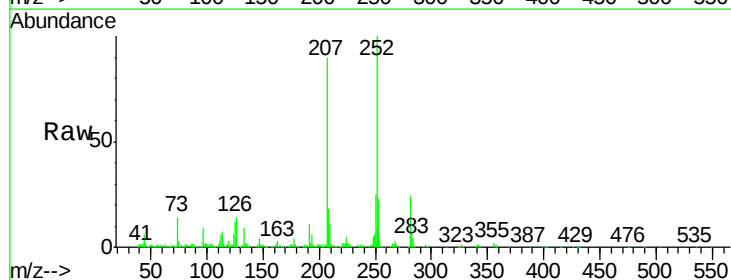
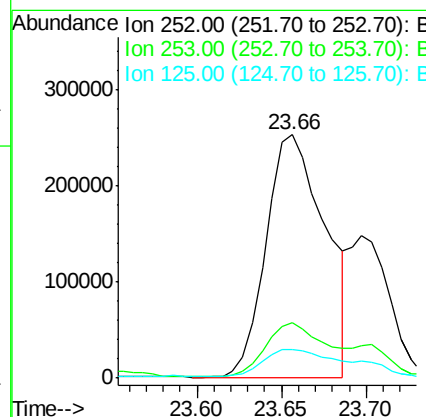
Manual Integrations
APPROVED

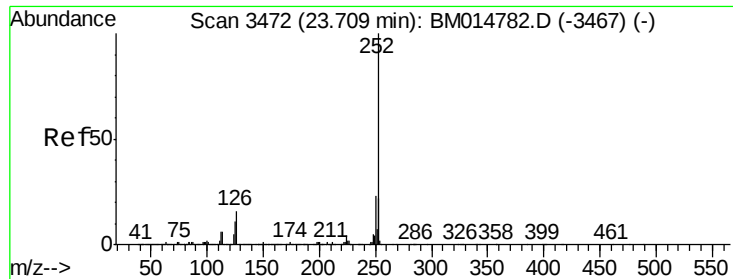
Sohil
4/24/2018 7:13:31 PM



#85
Benzo(b)fluoranthene
Concen: 6.280 ng/ul
RT: 23.66 min Scan# 3463
Delta R.T. 0.00 min
Lab File: BM014789.D
Acq: 23 Apr 2018 23:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	11.9	3.6	5.4





#86

Benzo(k)fluoranthene

Concen: 2.565 ng/ul

RT: 23.70 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BM014789.D

Acq: 23 Apr 2018 23:04

Instrument :

BNA_M

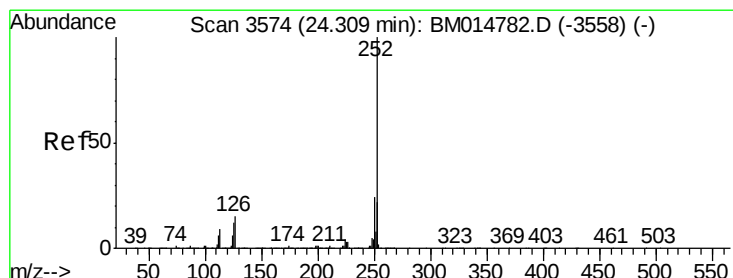
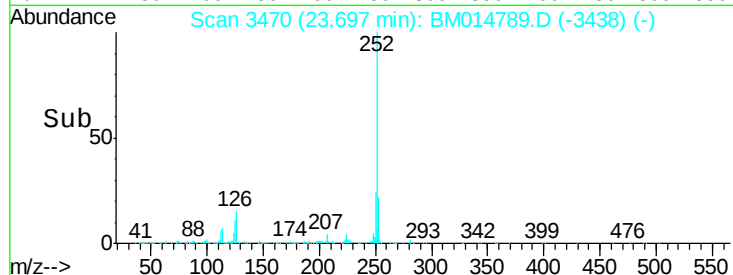
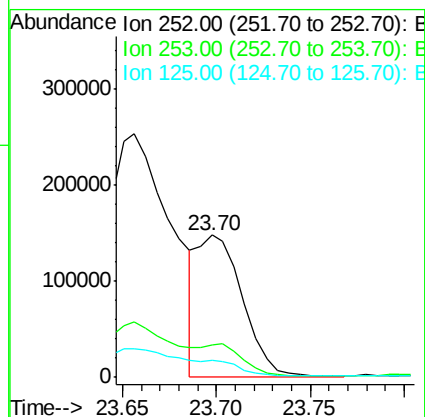
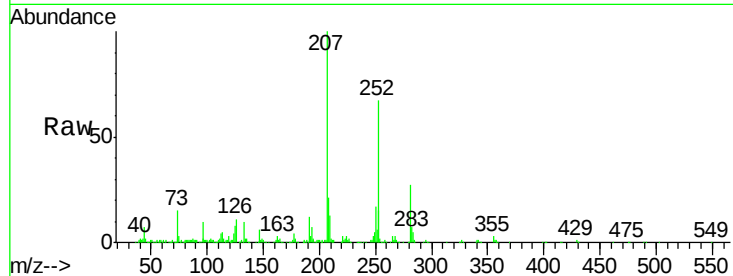
ClientSampled :

DASP1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	12.1	3.4	5.2

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:31 PM



#88

Benzo(a)pyrene

Concen: 4.440 ng/ul

RT: 24.31 min Scan# 3574

Delta R.T. 0.00 min

Lab File: BM014789.D

Acq: 23 Apr 2018 23:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	12.4	4.0	6.0

