

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014787.D
 Acq On : 23 Apr 2018 21:51
 Operator : SJ/JU
 Sample : J2431-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASPO

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:30 PM

Quant Time: Apr 24 18:19:45 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	326140	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1368723	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	714316	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1507255	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1516722	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1584177	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	43412	5.81	ng/uL	0.00
5) Phenol-d5	7.65	99	775359	30.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	527084	32.60	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	646237	30.64	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	575289	28.61	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	302935	30.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	317214	32.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	564785	28.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	822811	41.63	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	1720862	30.86	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	2055861	29.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	210767	20.37	ng/ul	0.00
57) Fluorene-d10	16.10	176	1463724	30.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	146873	18.01	ng/ul	0.00
70) Anthracene-d10	17.94	188	2135346	30.40	ng/ul	0.00
76) Pyrene-d10	20.17	212	2286478	31.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	2561701	32.91	ng/ul	0.00

Target Compounds

					Ovalue
34) 2-Methylnaphthalene	12.99	142	98613	2.129 ng/ul	100
40) 1,1'-Biphenyl	13.97	154	101391	1.765 ng/ul#	97
44) Dimethylphthalate	14.56	163	345306	6.406 ng/ul	99
49) Acenaphthene	15.19	153	566330	11.946 ng/ul	99
53) Dibenzofuran	15.52	168	801512	12.175 ng/ul	99
58) Fluorene	16.16	166	1137620	21.401 ng/ul	99
69) Phenanthrene	17.89	178	6991263	86.369 ng/ul	99
71) Anthracene	17.97	178	1182936	14.400 ng/ul	98
74) Fluoranthene	19.84	202	4049702	45.888 ng/ul#	82
77) Pyrene	20.20	202	2881145	32.512 ng/ul#	80
80) Benzo(a)anthracene	21.91	228	910887	10.270 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.79	149	319379	6.018 ng/ul#	95
82) Chrysene	21.96	228	761115	9.167 ng/ul	98
85) Benzo(b)fluoranthene	23.66	252	519910	5.567 ng/ul#	96
86) Benzo(k)fluoranthene	23.70	252	205023m	2.283 ng/ul	
88) Benzo(a)pyrene	24.31	252	354140	3.998 ng/ul#	96

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

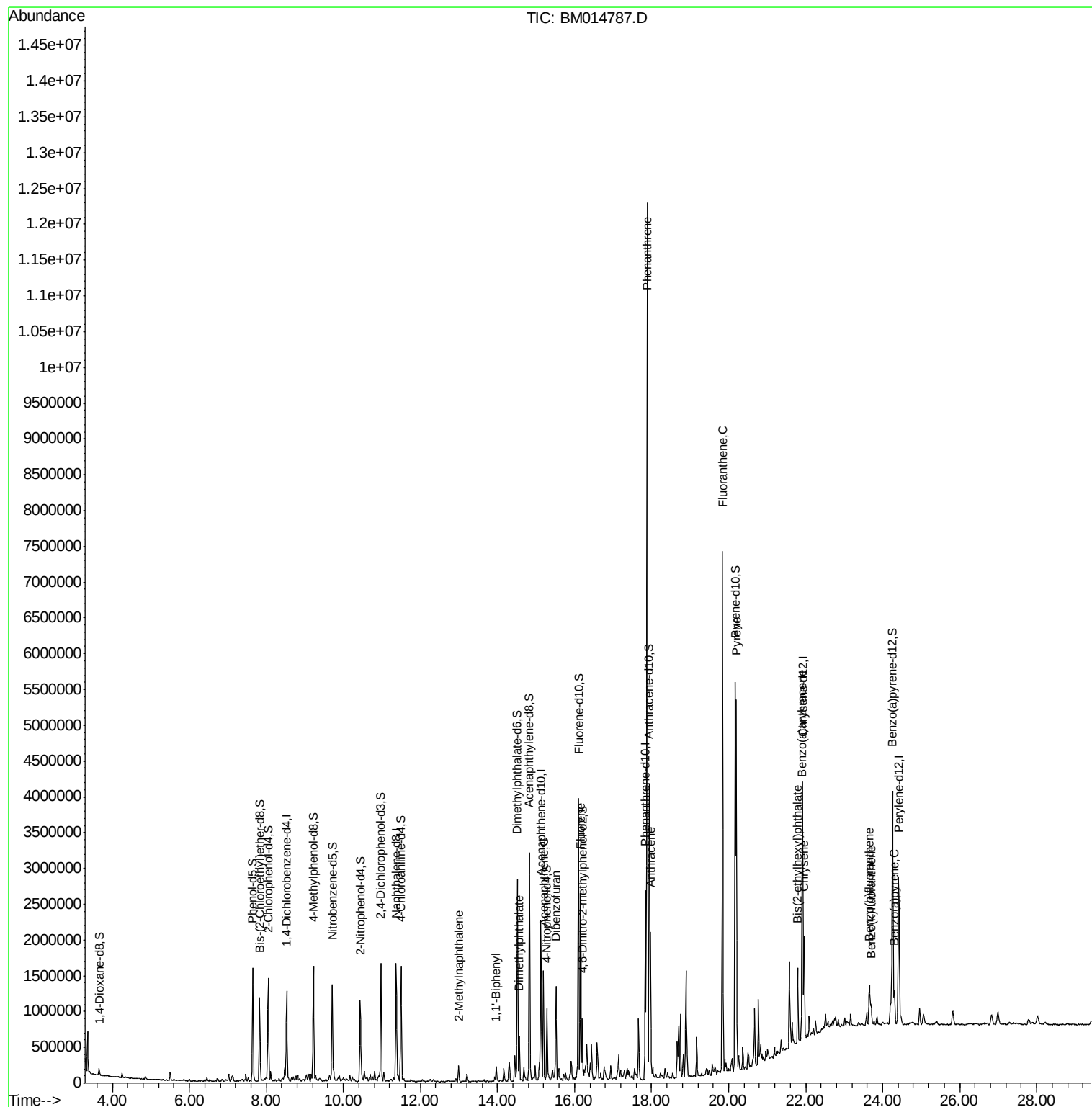
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014787.D
Acq On : 23 Apr 2018 21:51
Operator : SJ/JU
Sample : J2431-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

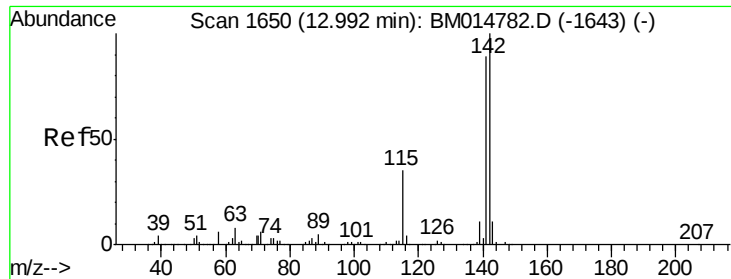
Instrument :
BNA_M
ClientSampleId :
DASP0

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Quant Time: Apr 24 18:19:45 2018
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Quant Title : SVOA CALIBRATION
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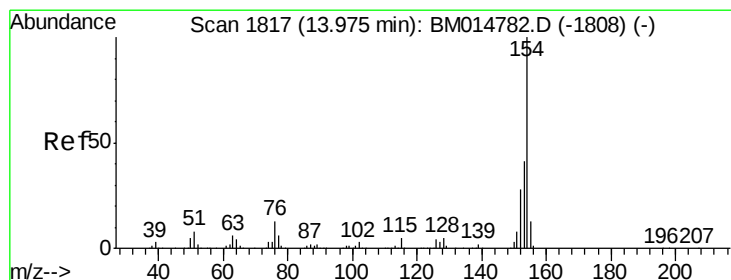
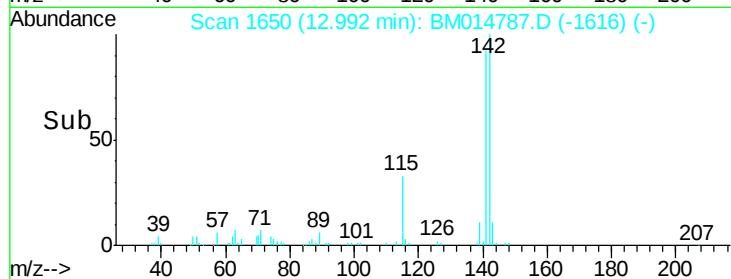
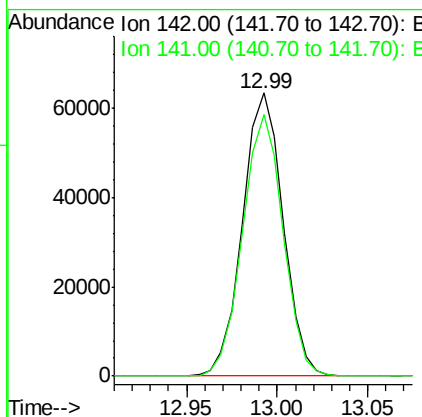
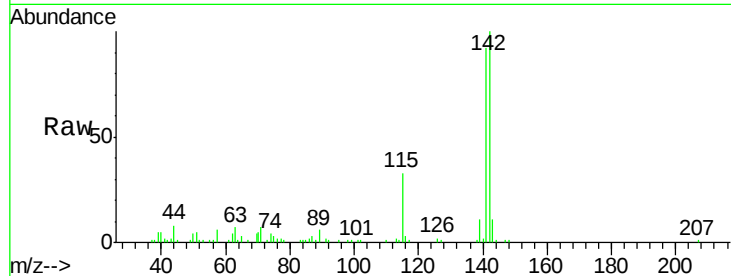
#34
 2-Methylnaphthalene
 Concen: 2.129 ng/ul
 RT: 12.99 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM014787.D
 Acq: 23 Apr 2018 21:51

Instrument :
 BNA_M
 ClientSampleId :
 DASPO

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.1	111.1

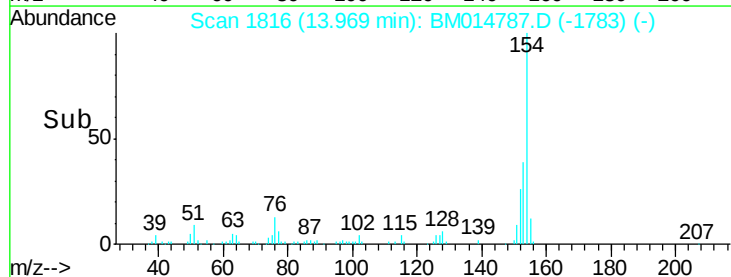
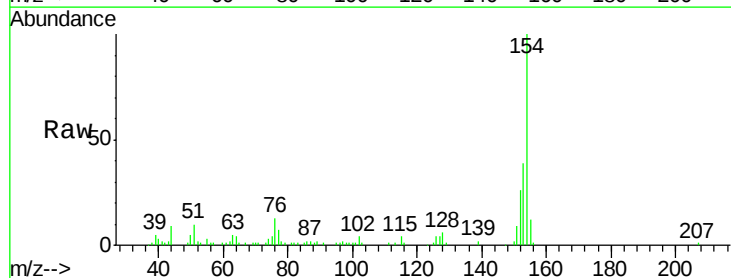
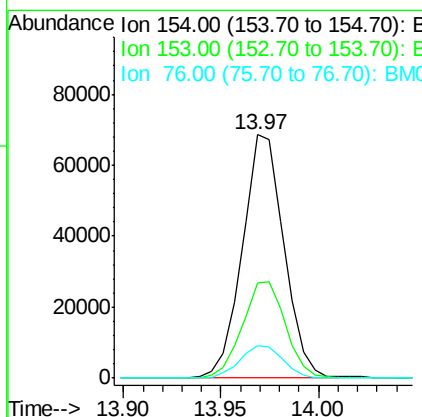
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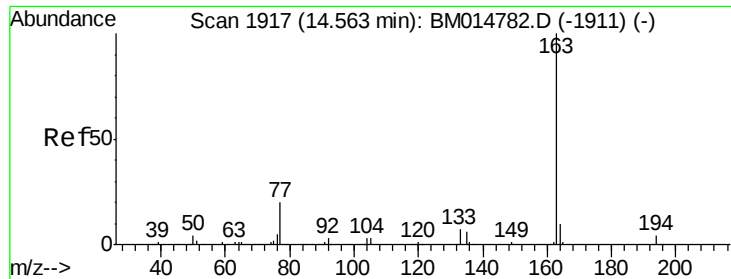
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#40
 1,1'-Biphenyl
 Concen: 1.765 ng/ul
 RT: 13.97 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BM014787.D
 Acq: 23 Apr 2018 21:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	32.6	48.8
76	13.3	8.5	12.7





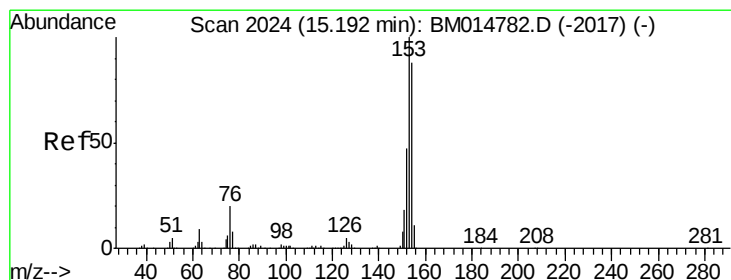
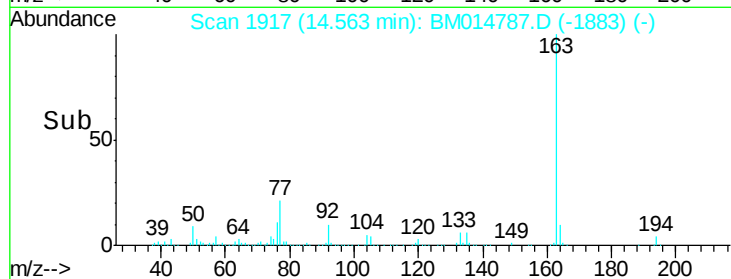
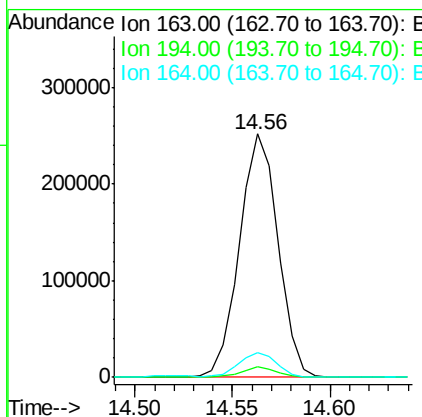
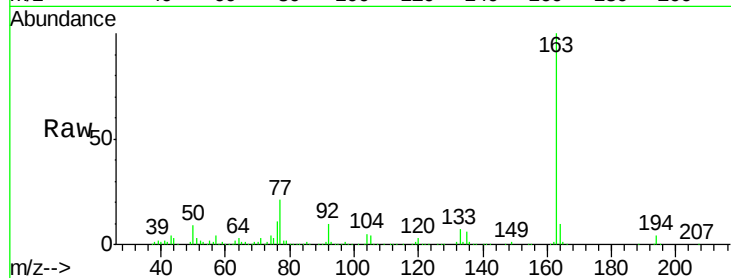
#44
Dimethylphthalate
Concen: 6.406 ng/ul
RT: 14.56 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM014787.D
Acq: 23 Apr 2018 21:51

Instrument :
BNA_M
ClientSampleId :
DASPO

Tot Ion	Ratio	Resp	Lower	Upper
163	100	345306		
194	4.2	3.5	5.3	
164	10.0	8.2	12.4	

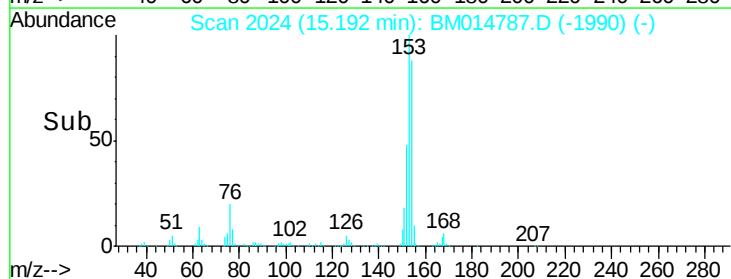
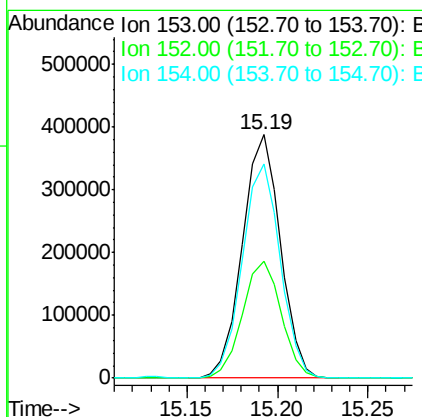
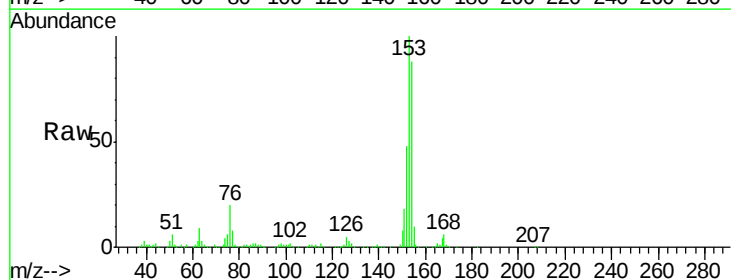
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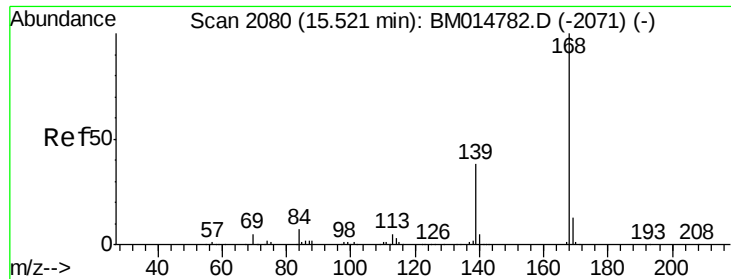
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#49
Acenaphthene
Concen: 11.946 ng/ul
RT: 15.19 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BM014787.D
Acq: 23 Apr 2018 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	566330		
152	48.1	37.6	56.4	
154	87.7	70.4	105.6	





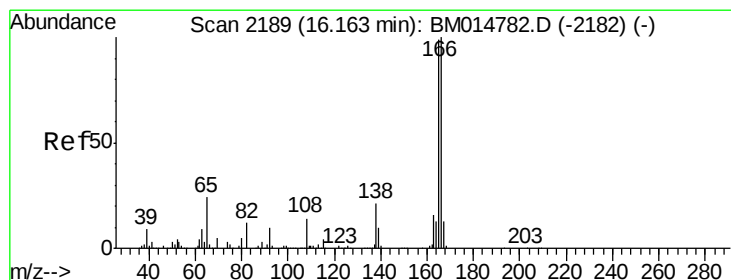
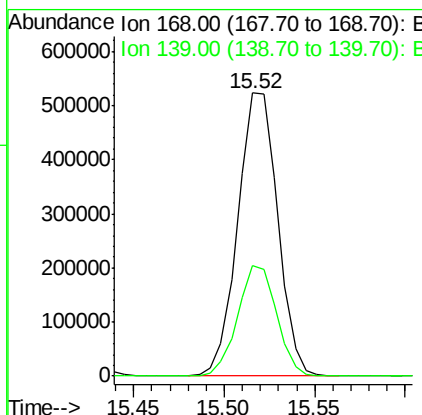
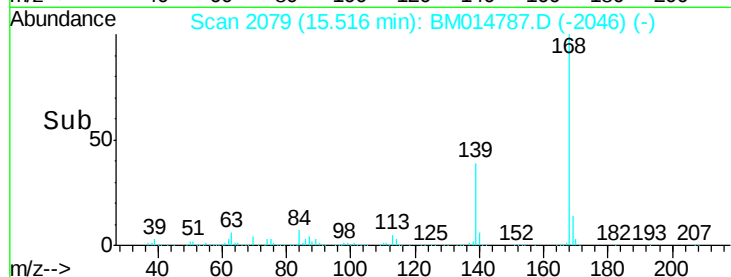
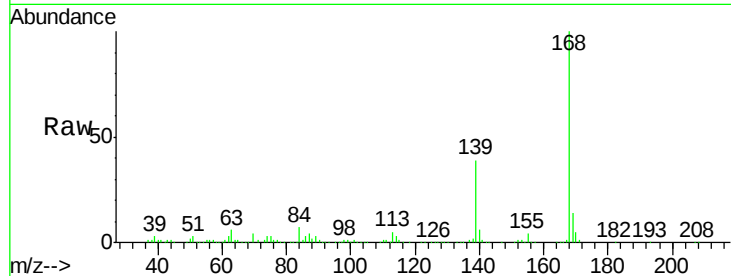
#53
Dibenzenofuran
Concen: 12.175 ng/ul
RT: 15.52 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM014787.D
Acq: 23 Apr 2018 21:51

Instrument :
BNA_M
ClientSampleId :
DASP0

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.8	46.2

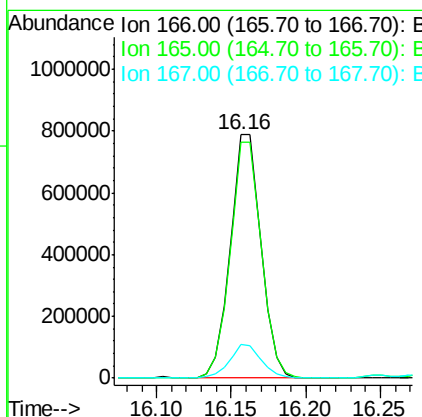
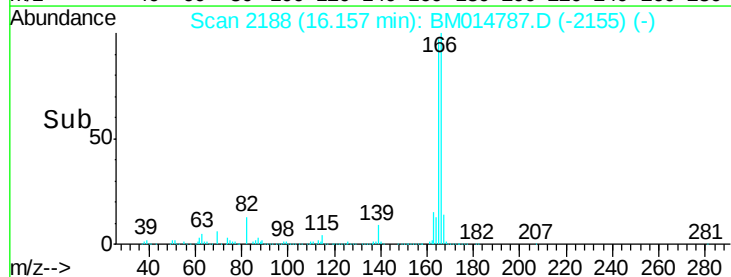
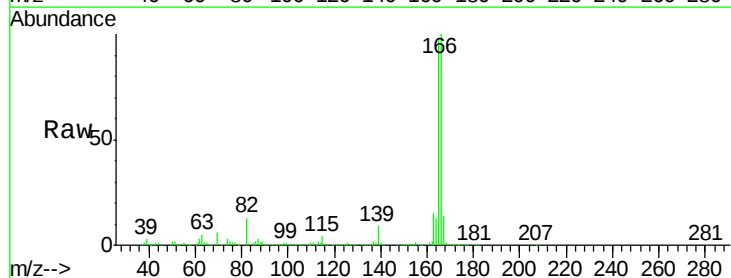
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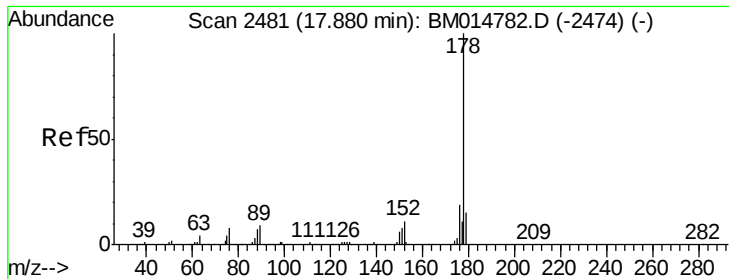
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#58
Fluorene
Concen: 21.401 ng/ul
RT: 16.16 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BM014787.D
Acq: 23 Apr 2018 21:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.9	116.9
167	13.7	10.6	16.0





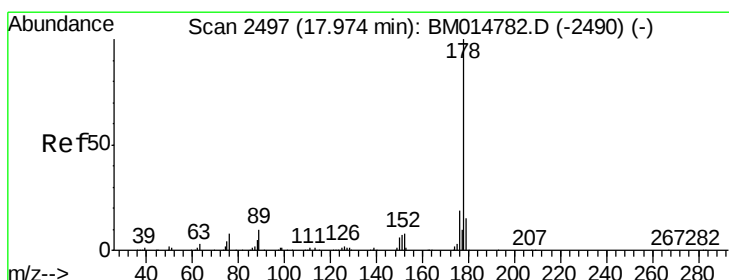
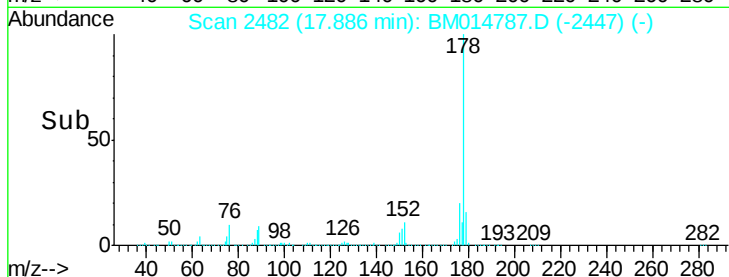
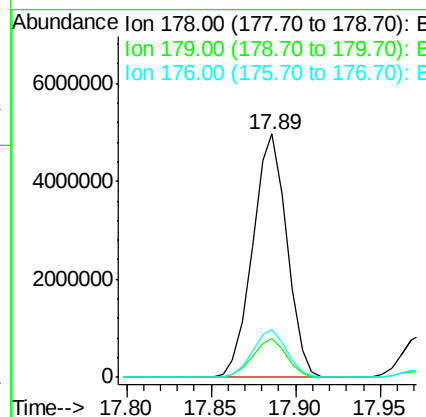
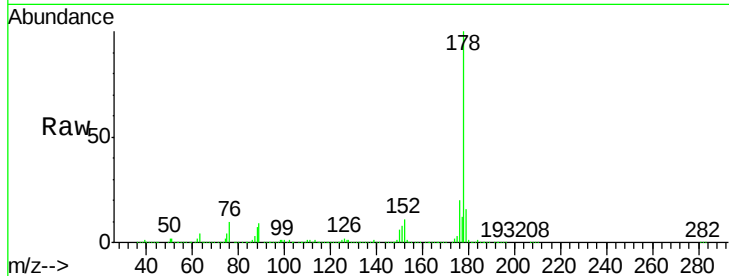
#69
Phenanthrene
Concen: 86.369 ng/ul
RT: 17.89 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BM014787.D
Acq: 23 Apr 2018 21:51

Instrument :
BNA_M
ClientSampleId :
DASPO

Tot Ion:178 Resp: 6991263
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.7 14.9 22.3

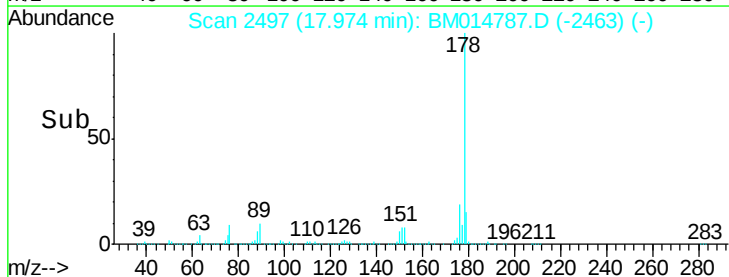
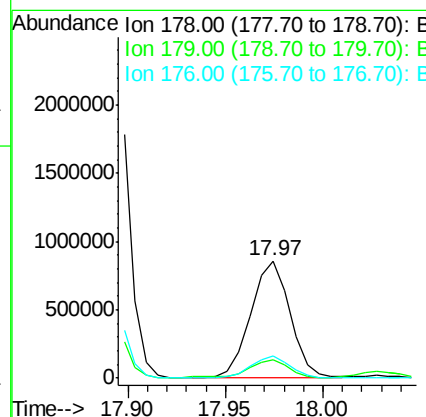
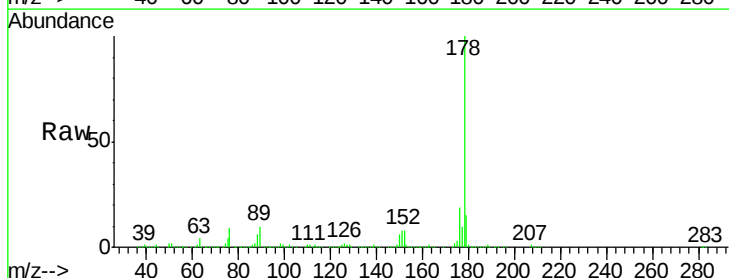
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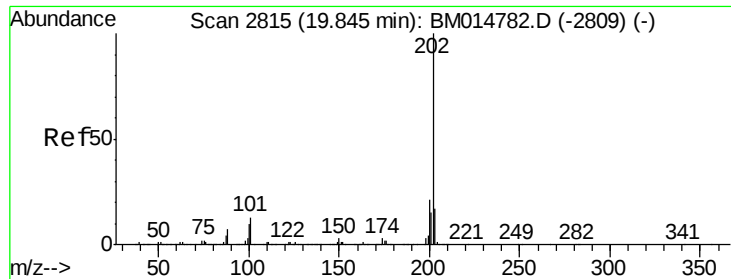
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#71
Anthracene
Concen: 14.400 ng/ul
RT: 17.97 min Scan# 2497
Delta R.T. 0.00 min
Lab File: BM014787.D
Acq: 23 Apr 2018 21:51

Tgt Ion:178 Resp: 1182936
Ion Ratio Lower Upper
178 100
179 15.4 11.7 17.5
176 18.9 14.6 21.8





#74

Fluoranthene

Concen: 45.888 ng/ul

RT: 19.84 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM014787.D

Acq: 23 Apr 2018 21:51

Instrument :

BNA_M

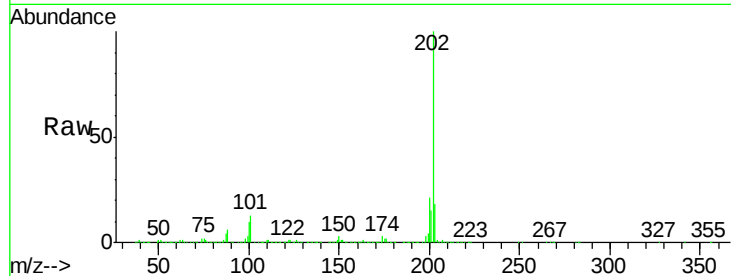
ClientSampleId :

DASPO

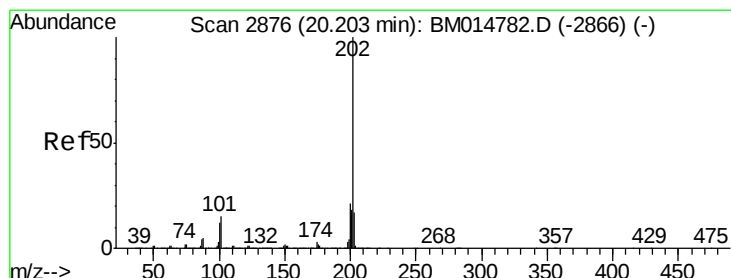
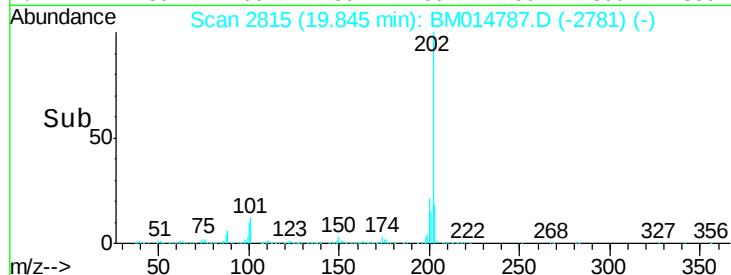
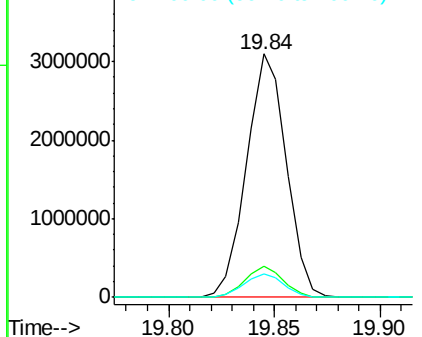
Tot Ion:	202	Resp:	4049702
Ion	Ratio	Lower	Upper
202	100		
101	12.6	4.6	7.0#
100	9.6	3.4	5.2#

Manual Integrations
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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: 32.512 ng/ul

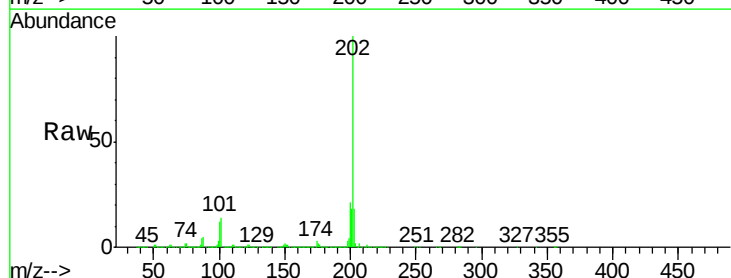
RT: 20.20 min Scan# 2876

Delta R.T. 0.00 min

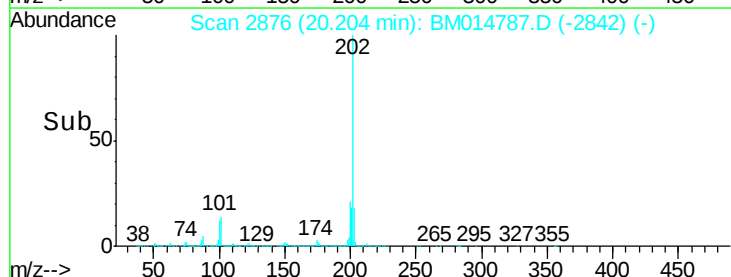
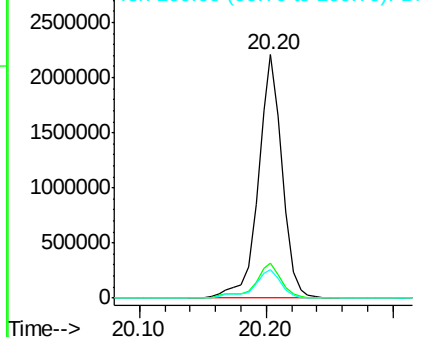
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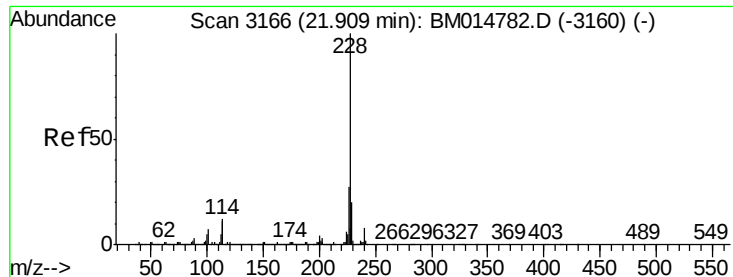
Acq: 23 Apr 2018 21:51

Tgt Ion:	202	Resp:	2881145
Ion	Ratio	Lower	Upper
202	100		
101	14.4	5.1	7.7#
100	11.7	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: 10.270 ng/ul

RT: 21.91 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BM014787.D

Acq: 23 Apr 2018 21:51

Instrument :

BNA_M

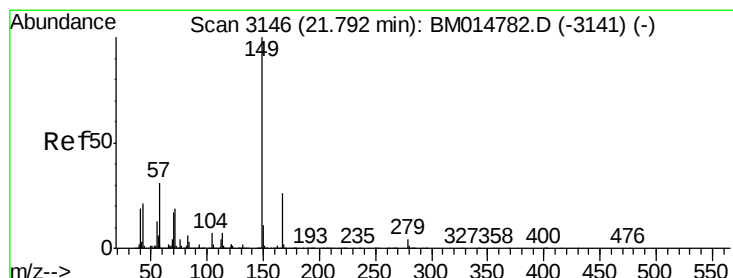
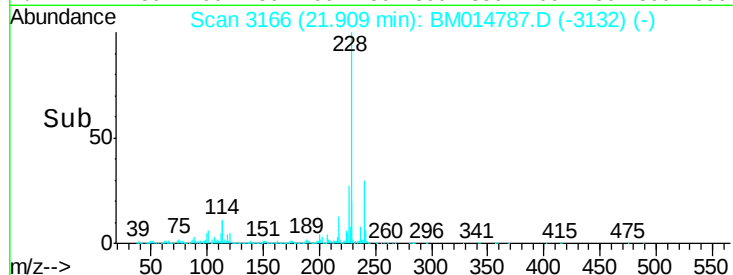
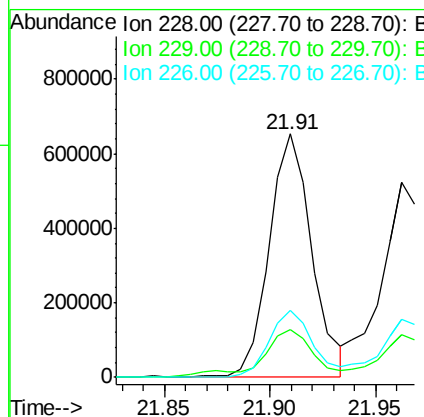
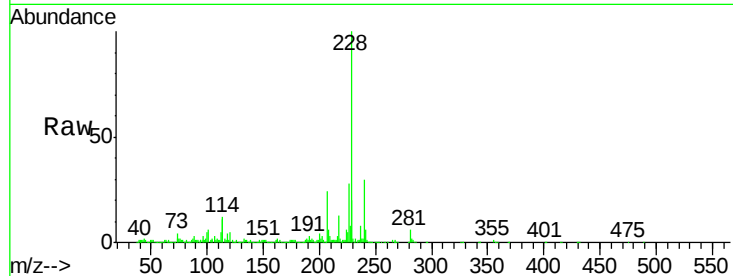
ClientSampleId :

DASPO

Tot Ion:	228	Resp:	910887
Ion Ratio	Lower	Upper	
228	100		
229	19.9	15.4	23.0
226	27.5	21.4	32.0

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#81

Bis(2-ethylhexyl)phthalate

Concen: 6.018 ng/ul

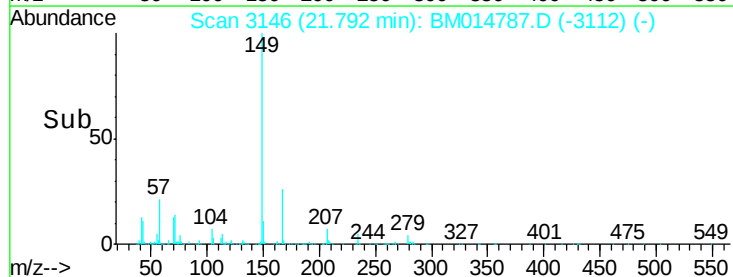
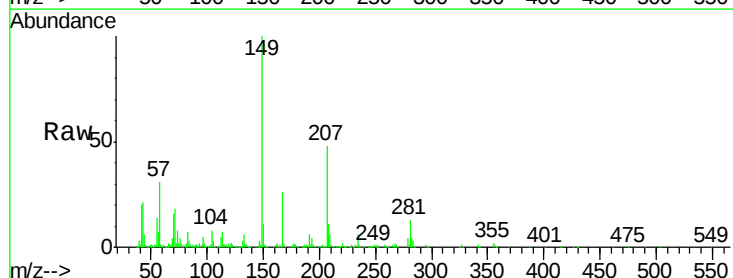
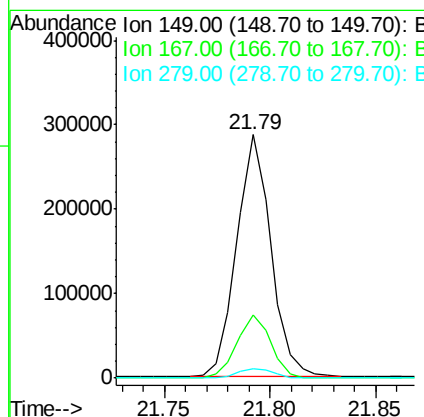
RT: 21.79 min Scan# 3146

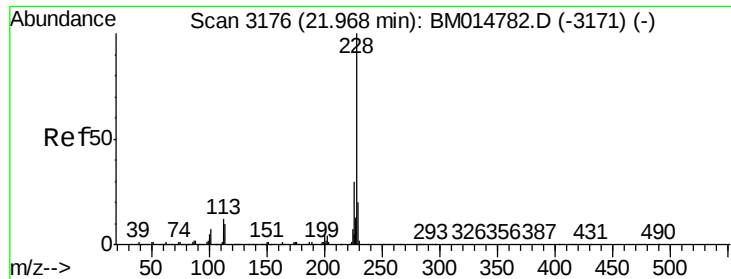
Delta R.T. 0.00 min

Lab File: BM014787.D

Acq: 23 Apr 2018 21:51

Tgt Ion:	149	Resp:	319379
Ion Ratio	Lower	Upper	
149	100		
167	25.8	22.8	34.2
279	4.0	4.9	7.3#





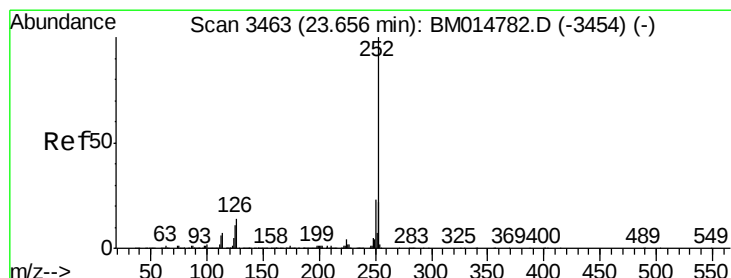
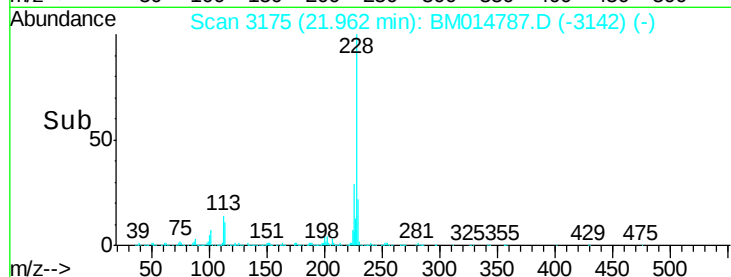
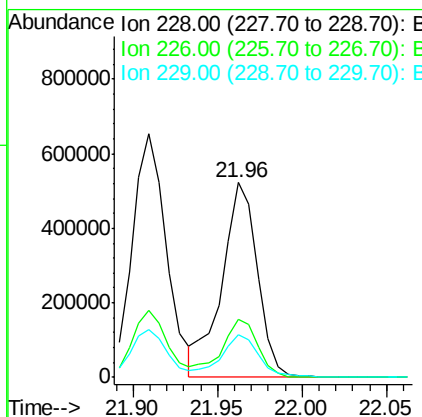
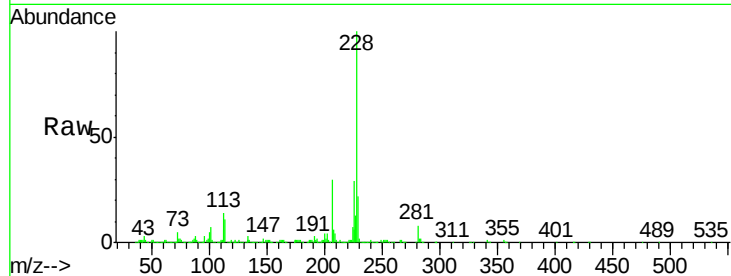
#82
Chrysene
Concen: 9.167 ng/ul
RT: 21.96 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BM014787.D
Acq: 23 Apr 2018 21:51

Instrument :
BNA_M
ClientSampled :
DASPO

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	22.0	15.5	23.3

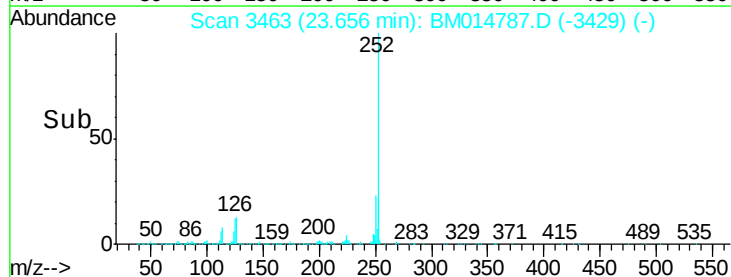
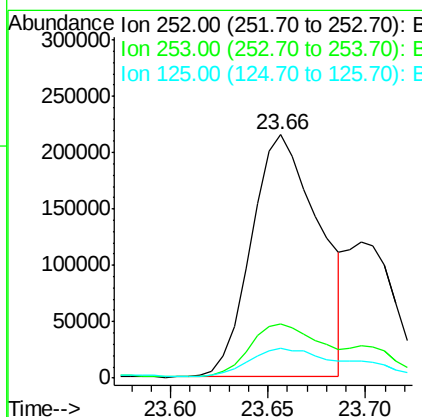
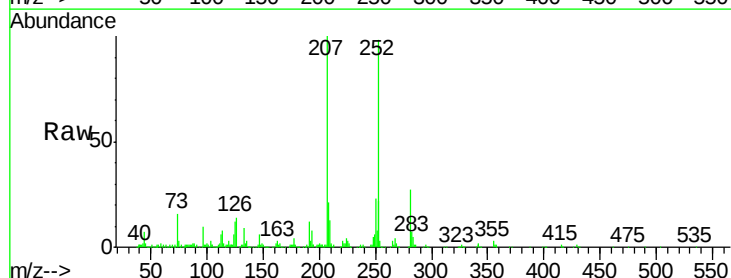
Manual Integrations
APPROVED

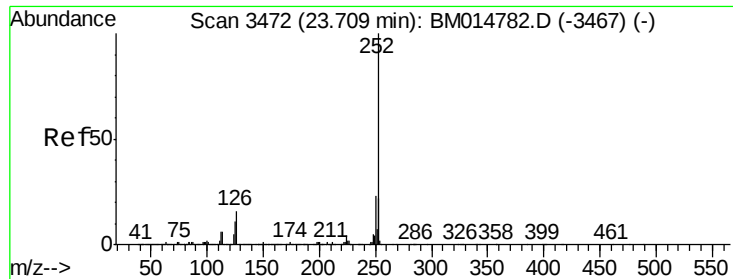
Sohil
4/24/2018 7:13:30 PM



#85
Benzo(b)fluoranthene
Concen: 5.567 ng/ul
RT: 23.66 min Scan# 3463
Delta R.T. 0.00 min
Lab File: BM014787.D
Acq: 23 Apr 2018 21:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	12.2	3.6	5.4





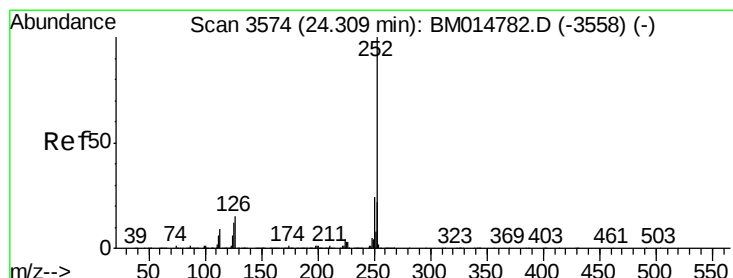
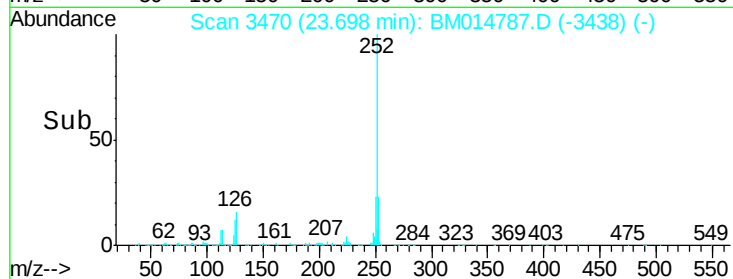
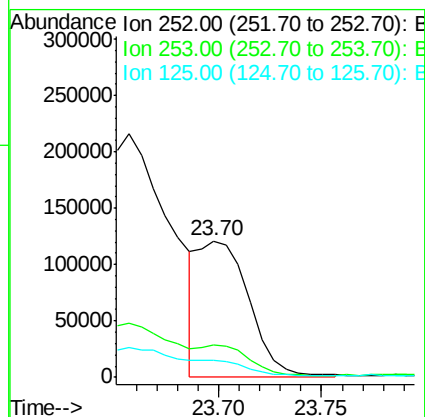
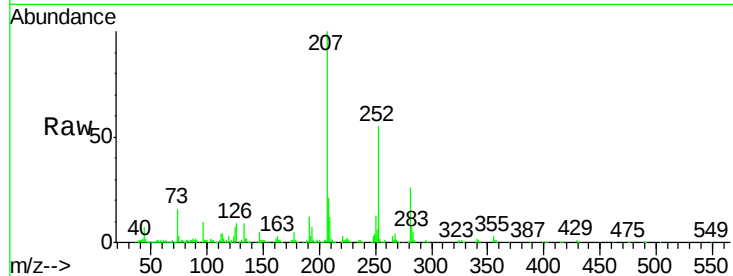
#86
Benzo(k)fluoranthene
Concen: 2.283 ng/ul m
RT: 23.70 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BM014787.D
Acq: 23 Apr 2018 21:51

Instrument :
BNA_M
ClientSampled :
DASPO

Tot Ion	Ratio	Resp	Lower	Upper
252	100	205023		
253	23.7	17.1	25.7	
125	12.7	3.4	5.2	

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:30 PM



#88
Benzo(a)pyrene
Concen: 3.998 ng/ul
RT: 24.31 min Scan# 3574
Delta R.T. 0.00 min
Lab File: BM014787.D
Acq: 23 Apr 2018 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	354140		
253	22.7	18.2	27.2	
125	12.3	4.0	6.0	

