

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014475.D
 Acq On : 05 Mar 2018 16:24
 Operator : SJ/JU
 Sample : J1678-05DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T4DL

Manual Integrations
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 3/6/2018 5:46:56 PM

Quant Time: Mar 05 23:22:44 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:00:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	99667	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	397923	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	209778	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	408120	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	362805	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	359720	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	1743	0.75	ng/uL	0.00
5) Phenol-d5	6.75	99	44489	5.28	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.87	67	27996	5.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	37636	5.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	31939	4.33	ng/ul	0.01
19) Nitrobenzene-d5	8.69	128	17818	6.06	ng/ul	0.01
22) 2-Nitrophenol-d4	9.40	143	21011	6.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	35154m	5.58	ng/ul	0.03
29) 4-Chloroaniline-d4	10.47	131	24457	3.94	ng/ul	0.02
43) Dimethylphthalate-d6	13.60	166	117688	6.79	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	152339	7.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	8252m	3.45	ng/ul	0.05
57) Fluorene-d10	15.19	176	102561	6.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	2076m	0.85	ng/ul	0.02
70) Anthracene-d10	17.04	188	133926	6.80	ng/ul	0.00
76) Pyrene-d10	19.36	212	142989	7.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	125503m	7.17	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.34	128	42457	2.077 ng/ul	99
34) 2-Methylnaphthalene	11.96	142	24768m	1.592 ng/ul	
44) Dimethylphthalate	13.65	163	30810	1.804 ng/ul#	96
49) Acenaphthene	14.24	153	36520	2.569 ng/ul	92
53) Dibenzofuran	14.59	168	30949m	1.452 ng/ul	
58) Fluorene	15.25	166	47670	2.590 ng/ul	91
69) Phenanthrene	16.99	178	802413	34.125 ng/ul	99
71) Anthracene	17.08	178	129682m	5.484 ng/ul	
72) Carbazole	17.37	167	50063	2.518 ng/ul#	85
74) Fluoranthene	19.02	202	898134	31.970 ng/ul#	96
77) Pyrene	19.39	202	924245	38.333 ng/ul	97
80) Benzo(a)anthracene	21.14	228	461322	20.374 ng/ul	96
82) Chrysene	21.20	228	441423	20.898 ng/ul	95
85) Benzo(b)fluoranthene	22.70	252	525098	21.801 ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	137743m	6.015 ng/ul	
88) Benzo(a)pyrene	23.25	252	377438	17.536 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.52	276	230690	11.045 ng/ul#	94
90) Dibenzo(a,h)anthracene	25.52	278	80399m	4.633 ng/ul	
91) Benzo(g,h,i)perylene	26.20	276	201125	11.887 ng/ul#	95

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

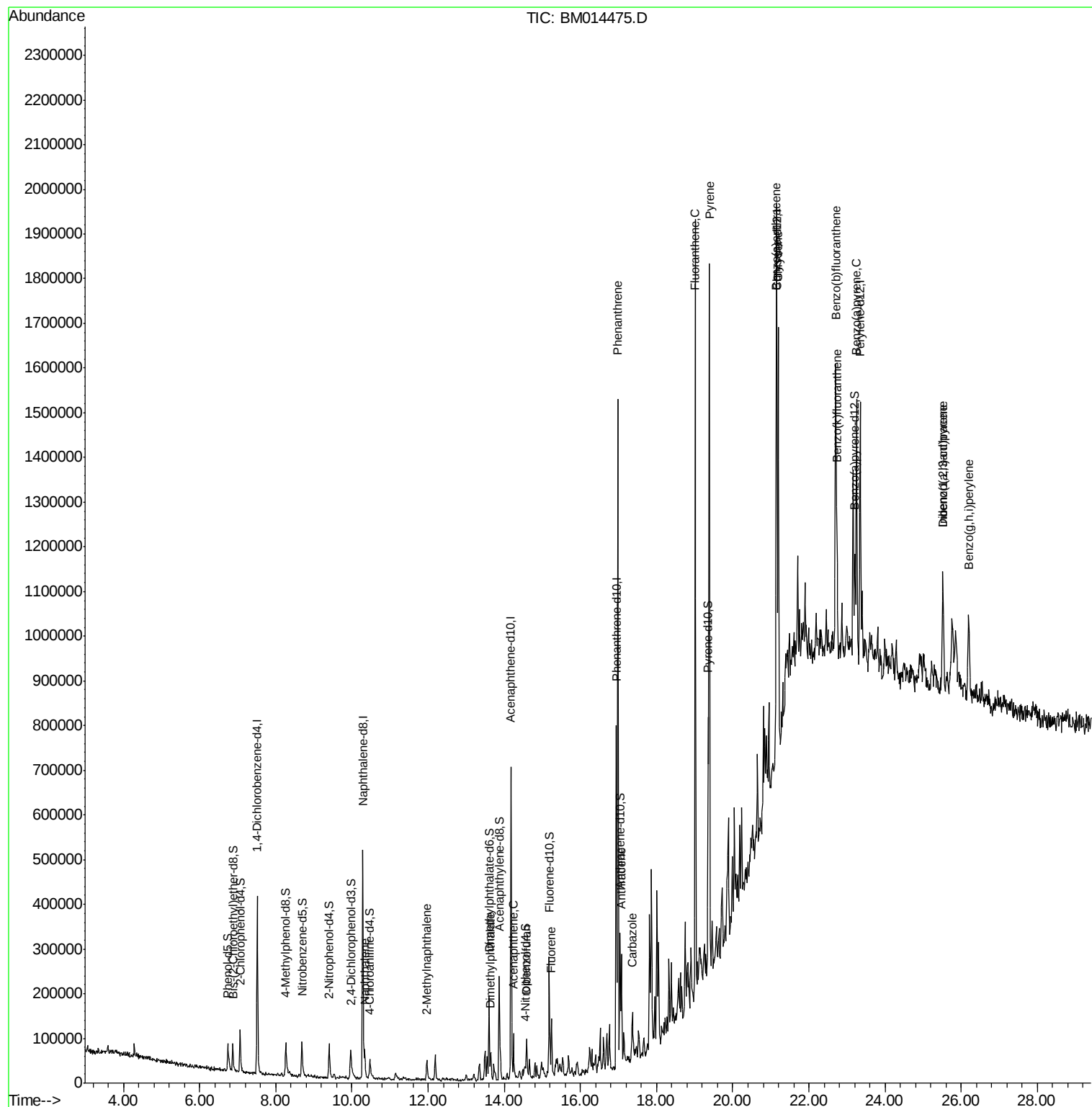
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014475.D
Acq On : 05 Mar 2018 16:24
Operator : SJ/JU
Sample : J1678-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

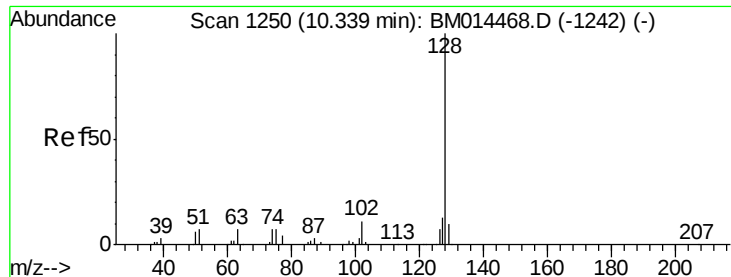
Instrument :
BNA_M
ClientSampleId :
BE5T4DL

Quant Time: Mar 05 23:22:44 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
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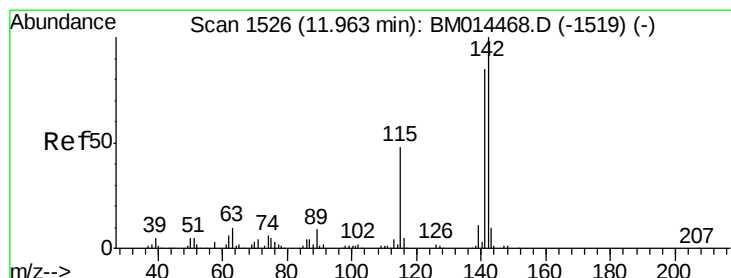
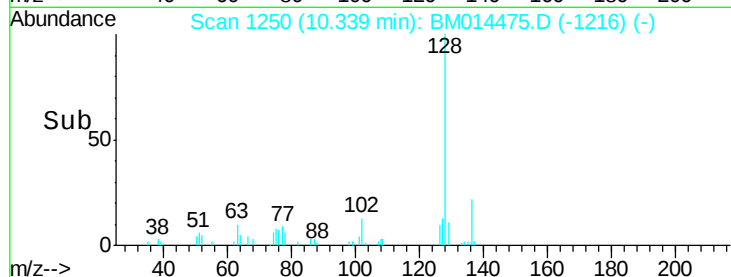
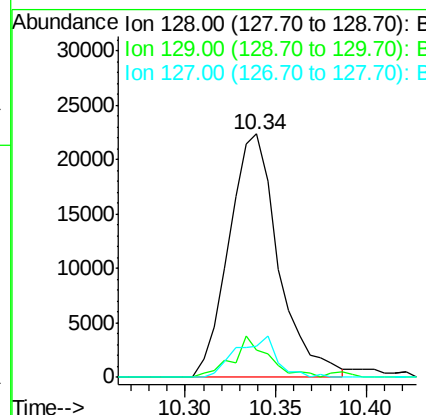
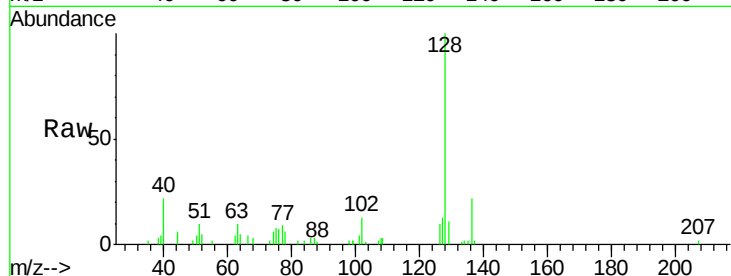
#28
Naphthalene
Concen: 2.077 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampleId :
BE5T4DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.0	10.6	16.0

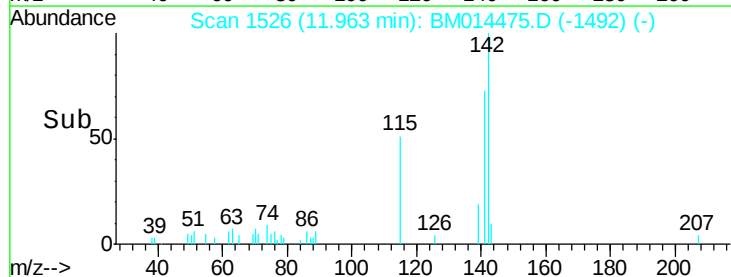
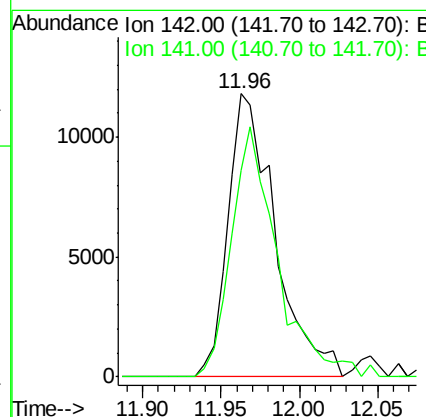
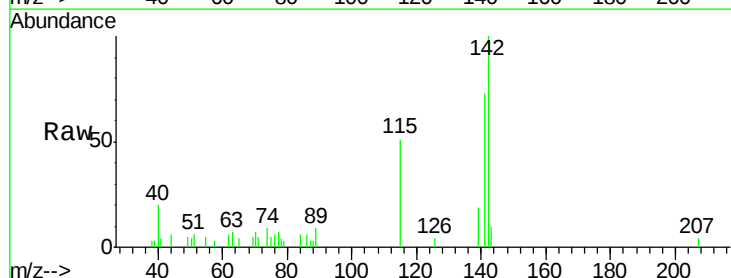
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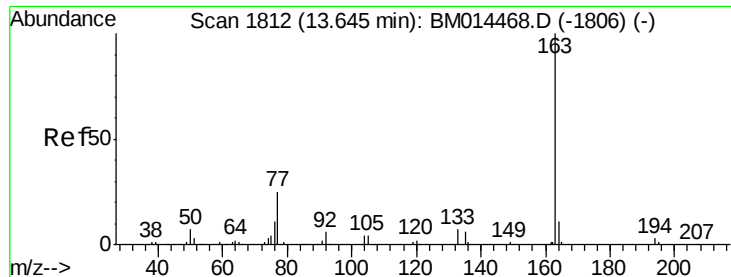
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#34
2-Methylnaphthalene
Concen: 1.592 ng/ul m
RT: 11.96 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	73.2	74.1	111.1#





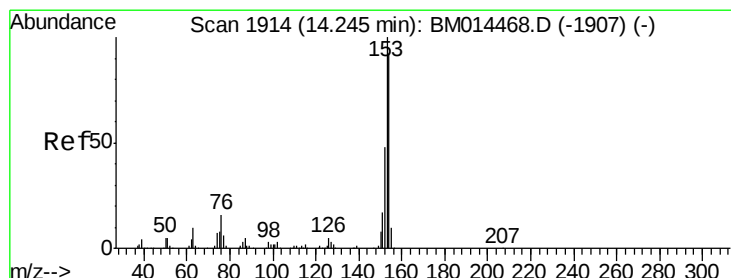
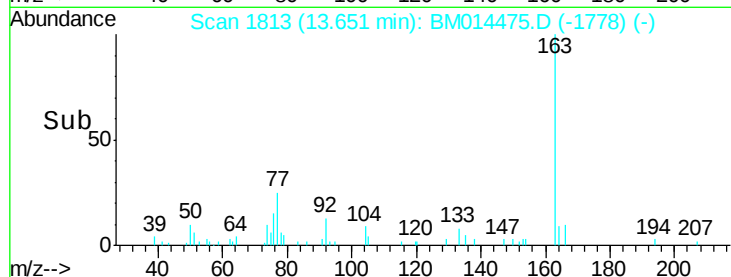
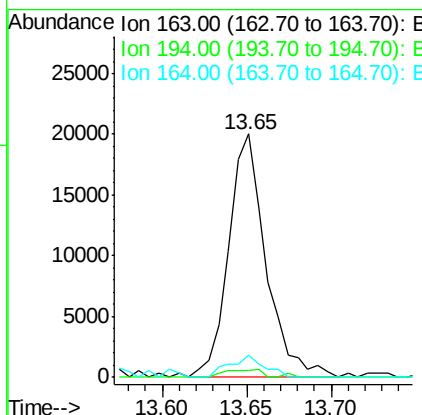
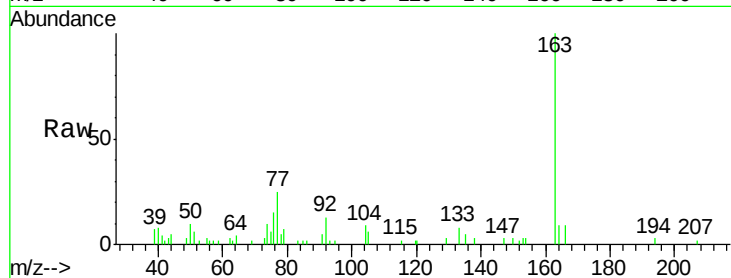
#44
Dimethylphthalate
Concen: 1.804 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampled :
BE5T4DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	30810		
194	2.7		3.5	5.3#
164	9.2		8.2	12.4

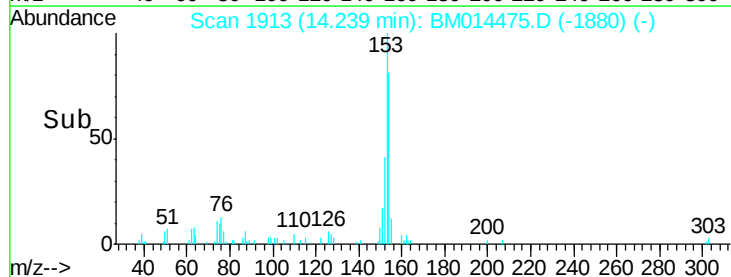
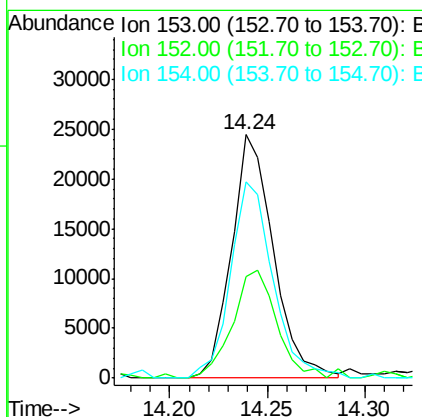
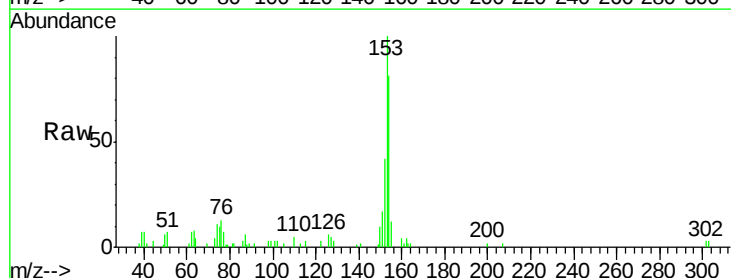
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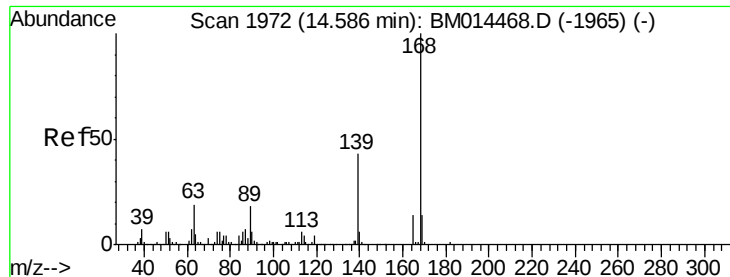
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#49
Acenaphthene
Concen: 2.569 ng/ul
RT: 14.24 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	36520		
152	41.9		37.6	56.4
154	80.7		70.4	105.6





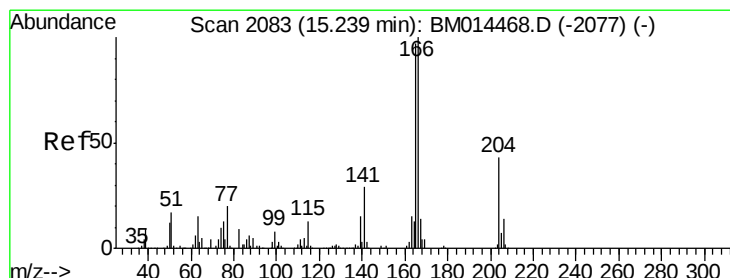
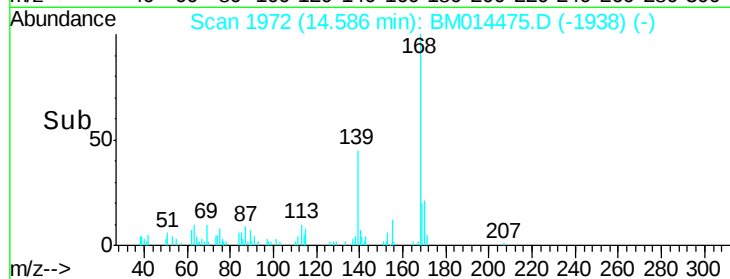
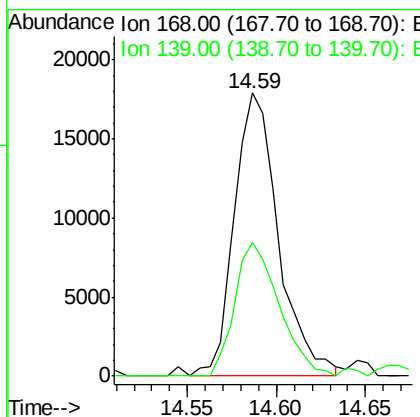
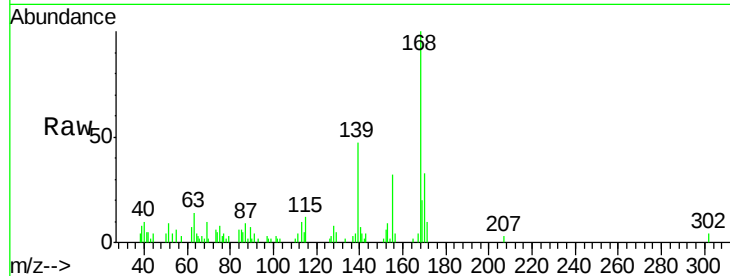
#53
Dibenzenofuran
Concen: 1.452 ng/ul m
RT: 14.59 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampleId :
BE5T4DL

Tot Ion:168 Resp: 30949
Ion Ratio Lower Upper
168 100
139 47.2 30.8 46.2#

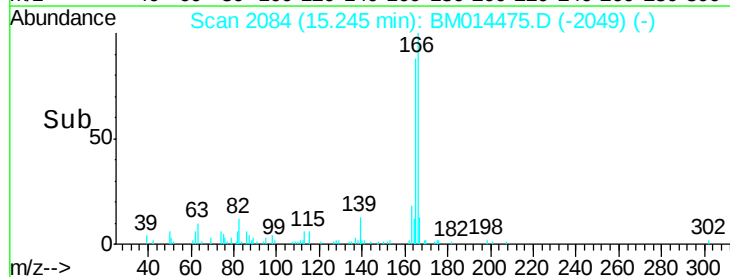
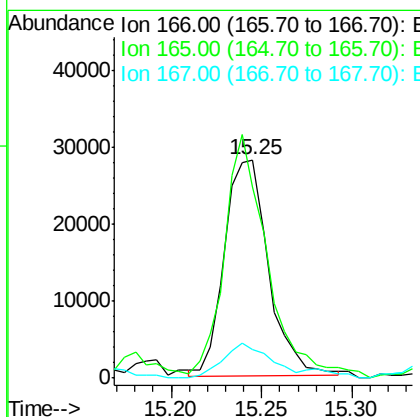
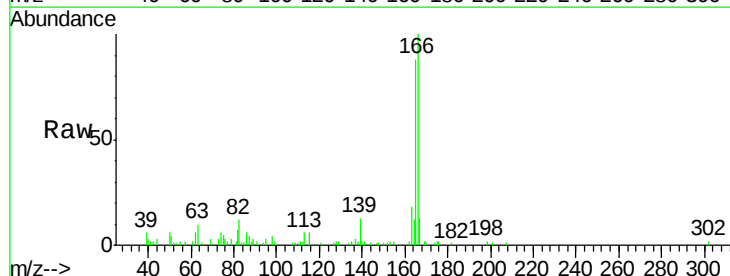
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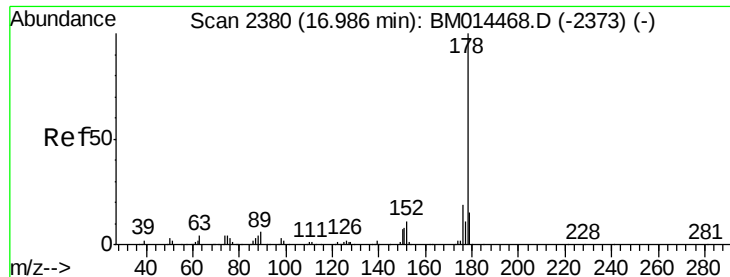
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#58
Fluorene
Concen: 2.590 ng/ul
RT: 15.25 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion:166 Resp: 47670
Ion Ratio Lower Upper
166 100
165 87.7 77.9 116.9
167 13.1 10.6 16.0





#69

Phenanthrene

Concen: 34.125 ng/ul

RT: 16.99 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BM014475.D

Acq: 05 Mar 2018 16:24

Instrument :

BNA_M

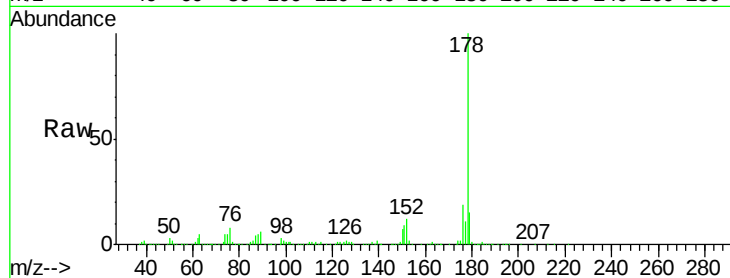
ClientSampleId :

BE5T4DL

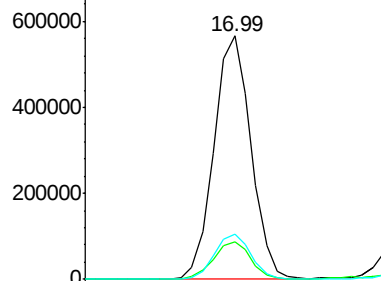
Tot Ion:178	Resp:	802413
Ion Ratio	Lower	Upper
178	100	
179	15.2	12.6 19.0
176	18.7	14.9 22.3

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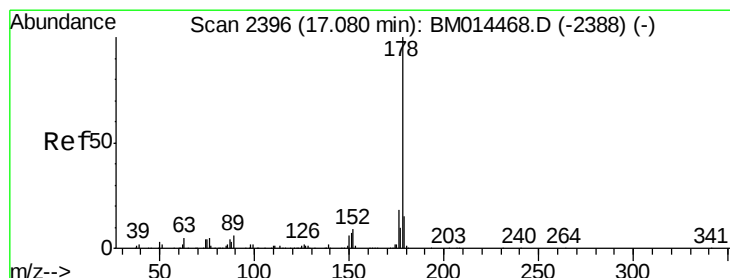
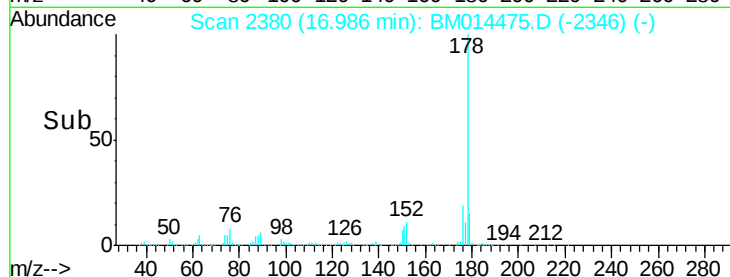
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 5.484 ng/ul

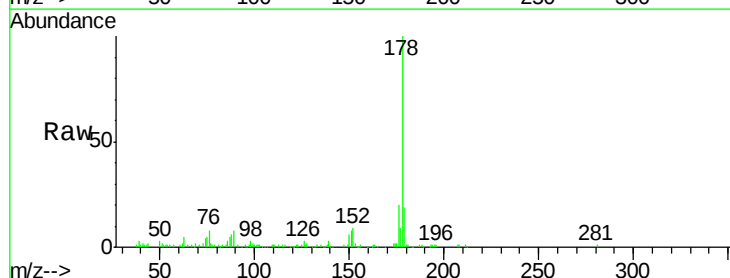
RT: 17.08 min Scan# 2396

Delta R.T. 0.00 min

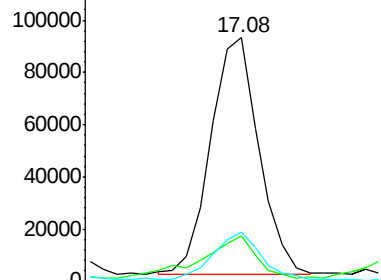
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Acq: 05 Mar 2018 16:24

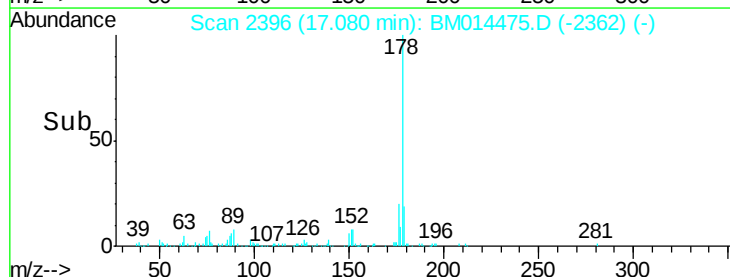
Tgt Ion:178	Resp:	129682
Ion Ratio	Lower	Upper
178	100	
179	18.7	11.7 17.5#
176	20.2	14.6 21.8

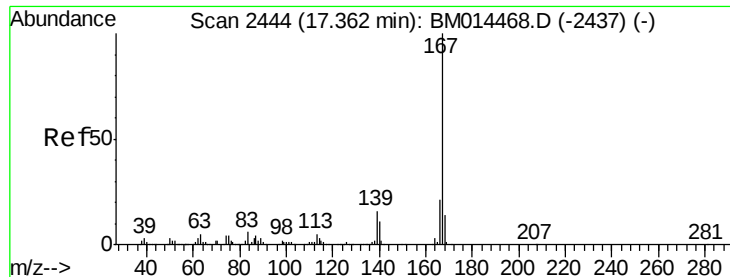


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#72

Carbazole

Concen: 2.518 ng/ul

RT: 17.37 min Scan# 2445

Delta R.T. 0.01 min

Lab File: BM014475.D

Acq: 05 Mar 2018 16:24

Instrument :

BNA_M

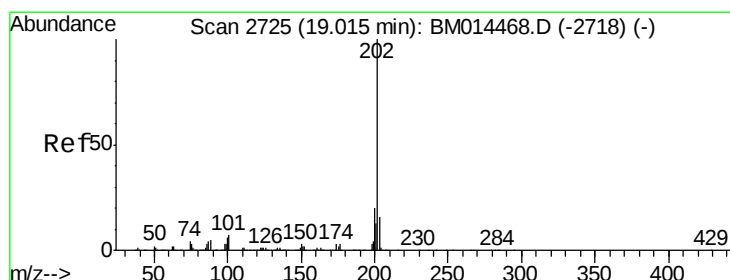
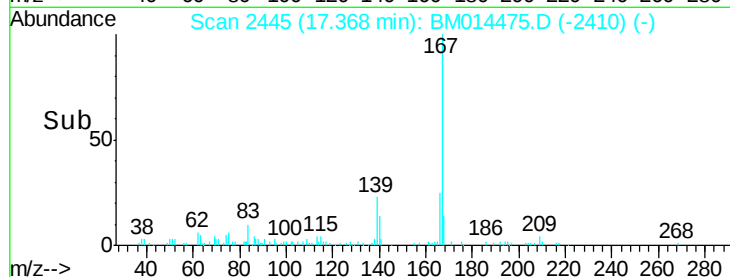
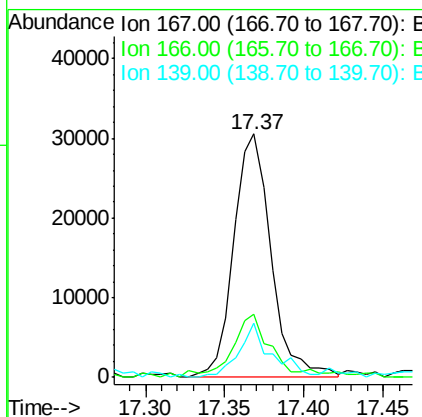
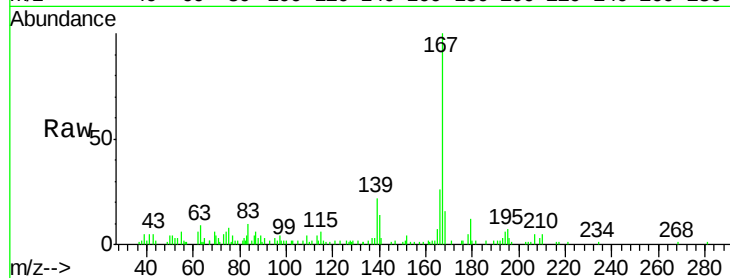
ClientSampleId :

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Tot Ion:	167	Resp:	50063
Ion Ratio	Lower	Upper	
167	100		
166	25.9	17.1	25.7#
139	22.1	10.0	15.0#

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#74

Fluoranthene

Concen: 31.970 ng/ul

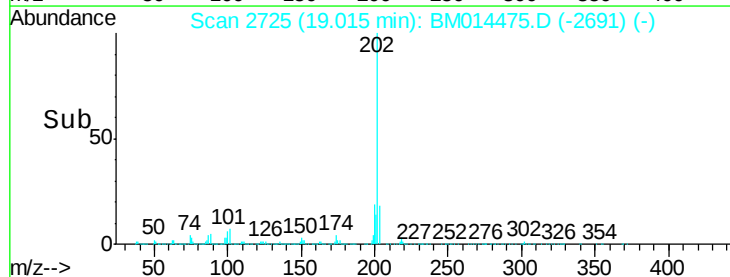
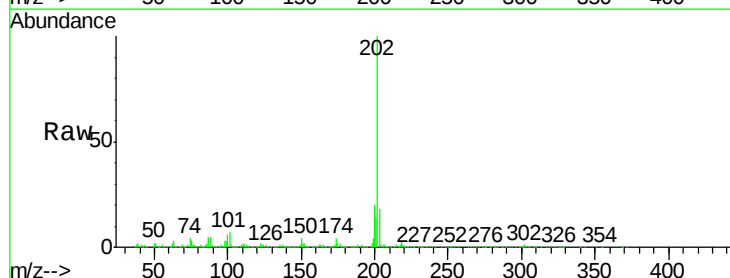
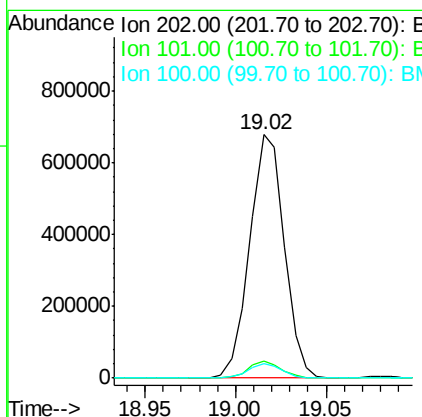
RT: 19.02 min Scan# 2725

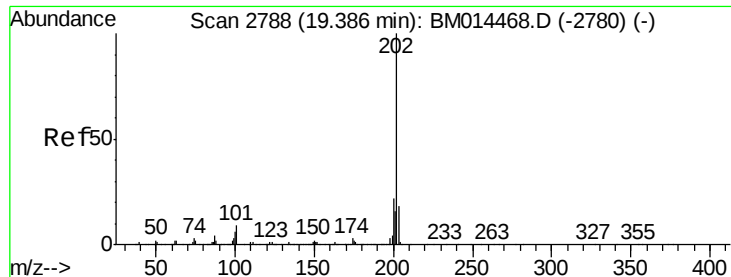
Delta R.T. 0.00 min

Lab File: BM014475.D

Acq: 05 Mar 2018 16:24

Tgt Ion:	202	Resp:	898134
Ion Ratio	Lower	Upper	
202	100		
101	7.0	4.6	7.0
100	5.8	3.4	5.2#





#77

Pvrene

Concen: 38.333 ng/ul

RT: 19.39 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BM014475.D

Acq: 05 Mar 2018 16:24

Instrument :

BNA_M

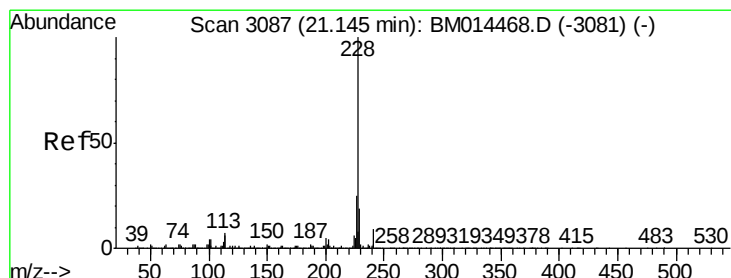
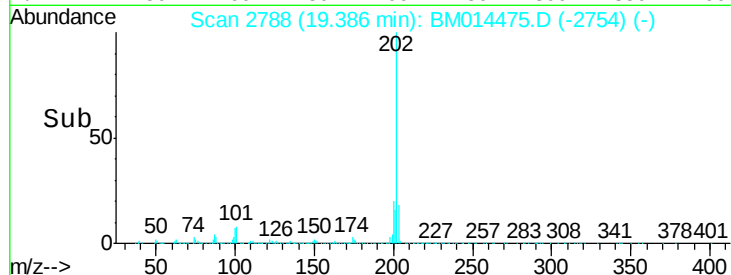
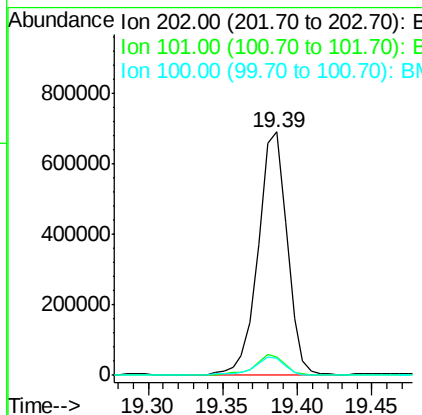
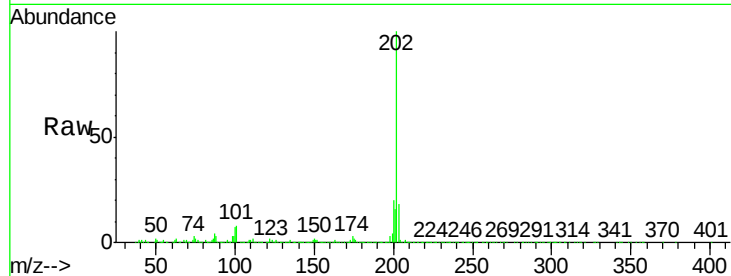
ClientSampleId :

BE5T4DL

Tot Ion:	202	Resp:	924245
Ion Ratio	Lower	Upper	
202	100		
101	7.7	5.1	7.7
100	7.2	4.9	7.3

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#80

Benzo(a)anthracene

Concen: 20.374 ng/ul

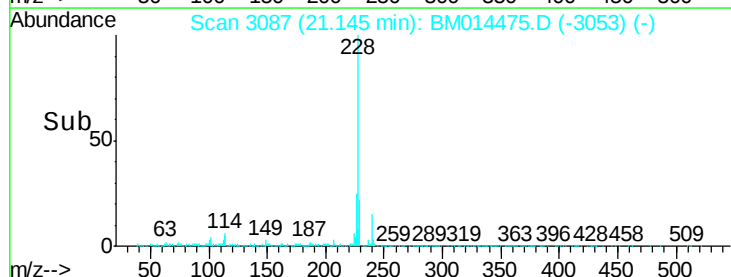
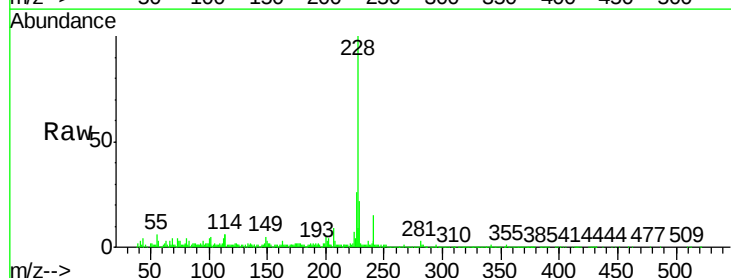
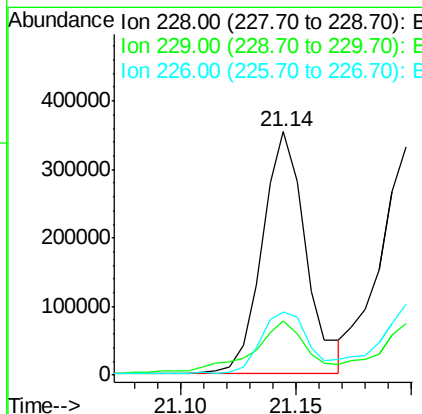
RT: 21.14 min Scan# 3087

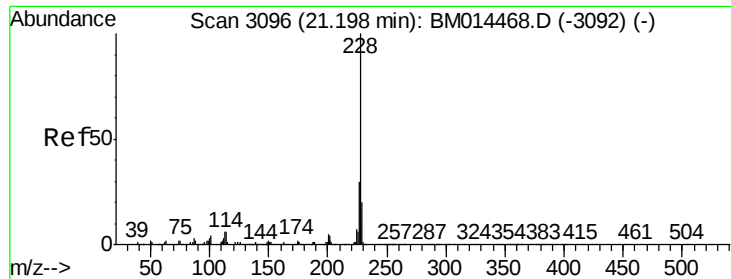
Delta R.T. 0.00 min

Lab File: BM014475.D

Acq: 05 Mar 2018 16:24

Tgt Ion:	228	Resp:	461322
Ion Ratio	Lower	Upper	
228	100		
229	22.5	15.4	23.0
226	25.9	21.4	32.0





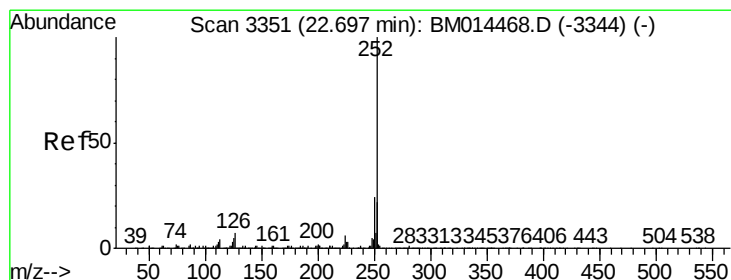
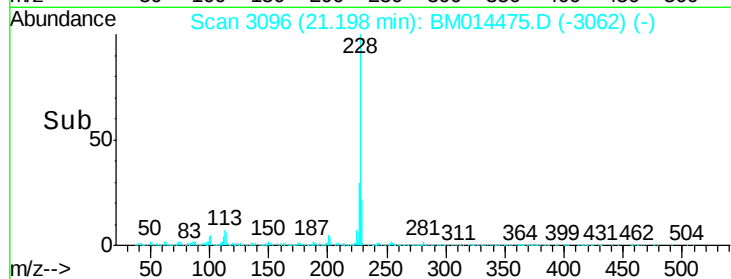
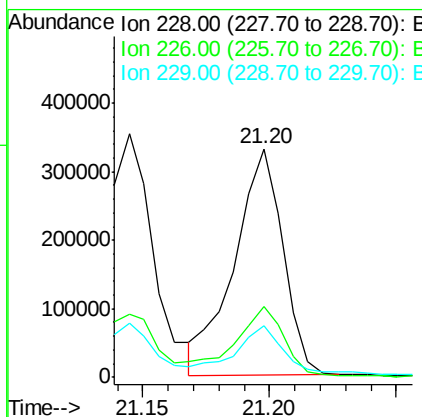
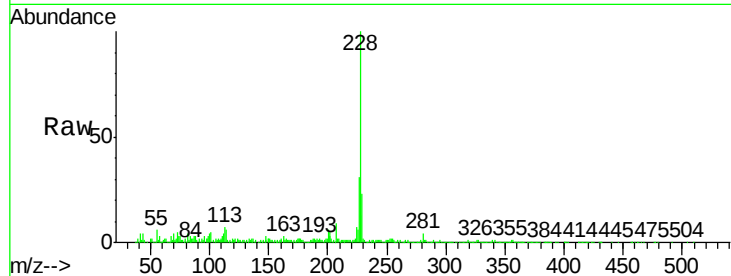
#82
Chrysene
Concen: 20.898 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampleId :
BE5T4DL

Tot Ion:	228	Resp:	441423
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.2
229	22.6	15.5	23.3

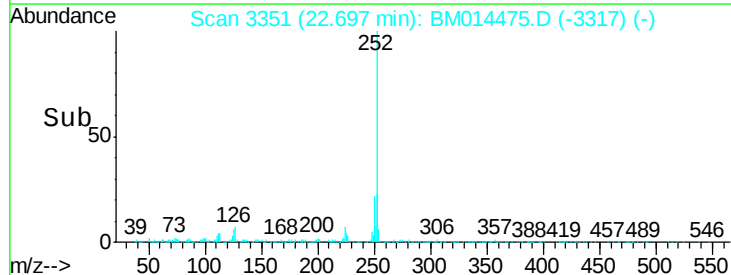
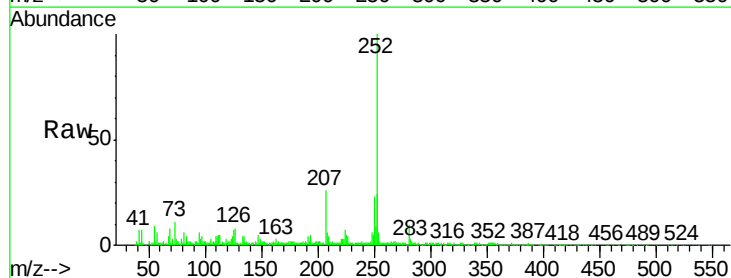
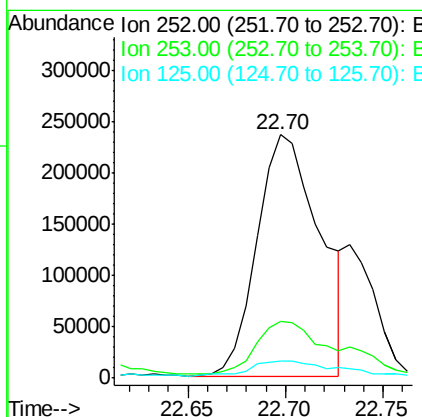
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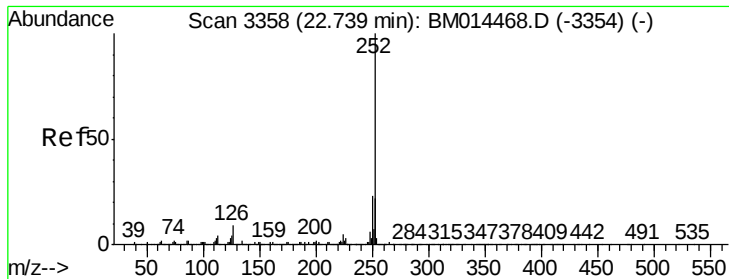
Sohil
3/6/2018 5:46:56 PM



#85
Benzo(b)fluoranthene
Concen: 21.801 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. 0.00 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion:	252	Resp:	525098
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.9	26.9
125	7.0	3.6	5.4





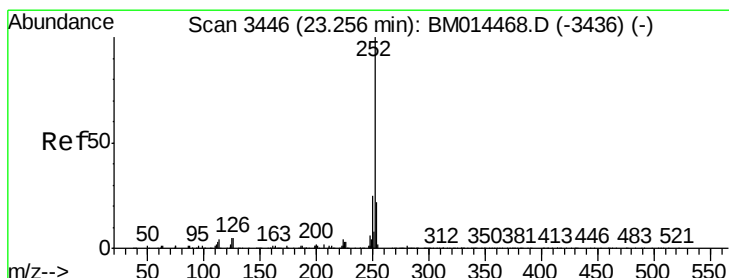
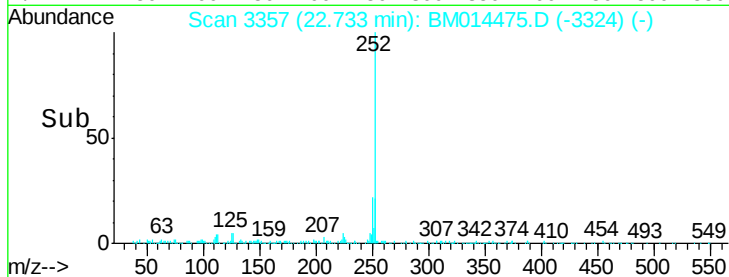
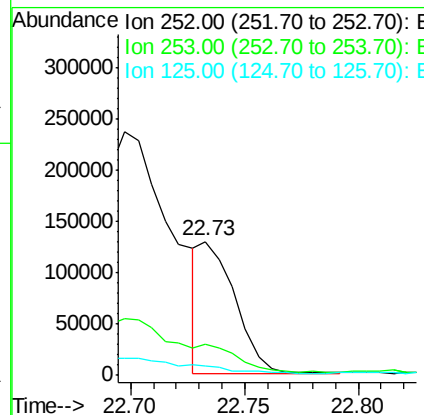
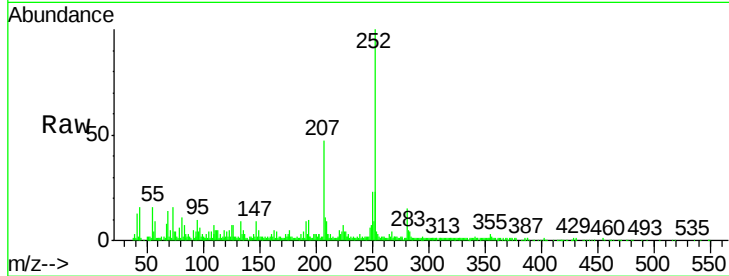
#86
Benzo(k)fluoranthene
Concen: 6.015 ng/ul m
RT: 22.73 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampleId :
BE5T4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	7.1	3.4	5.2

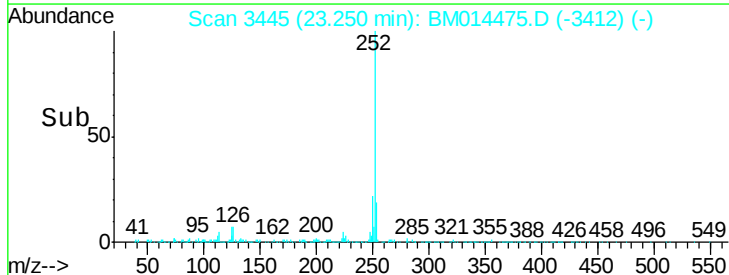
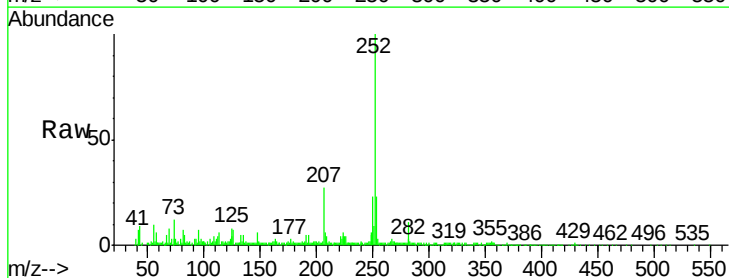
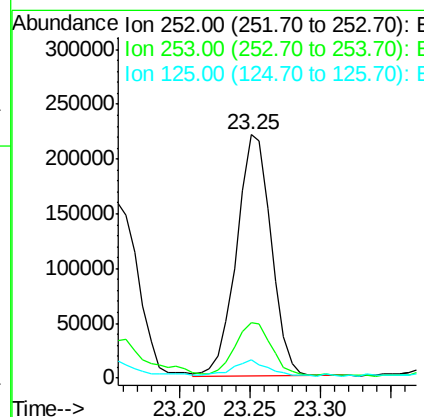
Manual Integrations
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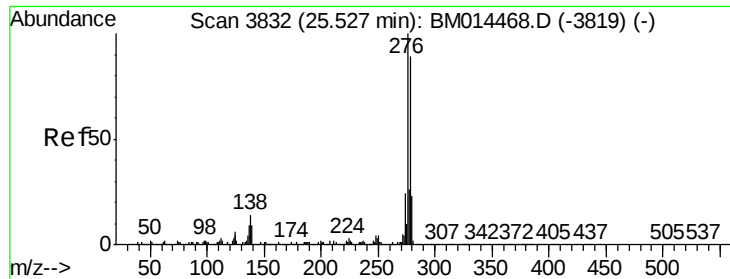
Sohil
3/6/2018 5:46:56 PM



#88
Benzo(a)pyrene
Concen: 17.536 ng/ul
RT: 23.25 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	7.7	4.0	6.0





#89

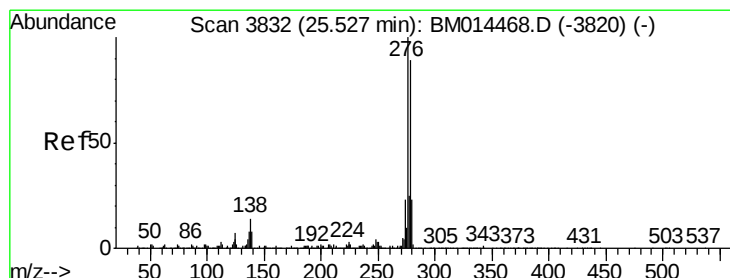
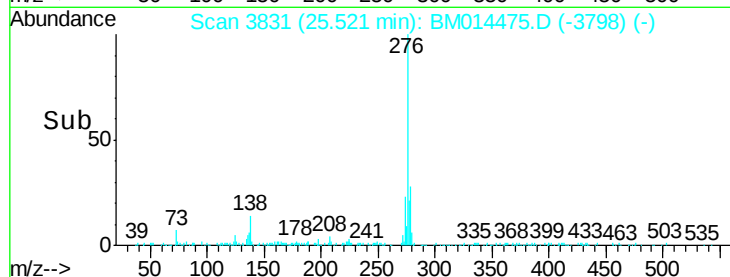
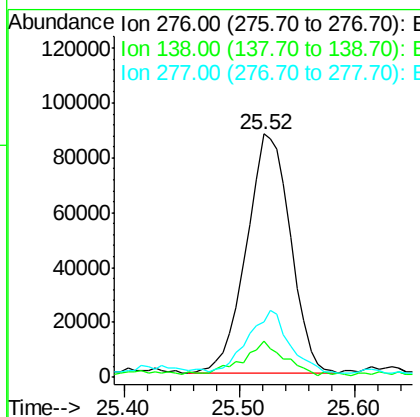
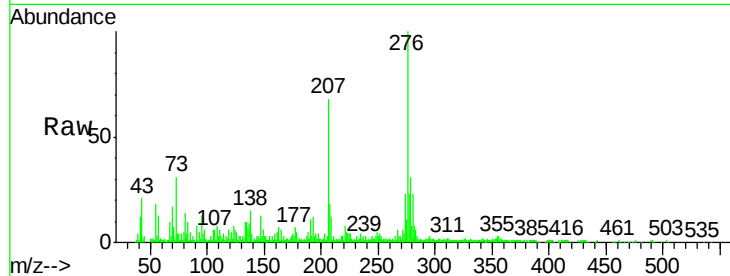
Indeno(1,2,3-cd)pyrene
Concen: 11.045 ng/ul
RT: 25.52 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampleId :
BE5T4DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	9.3	13.9#
277	22.9	19.9	29.9

Manual Integrations
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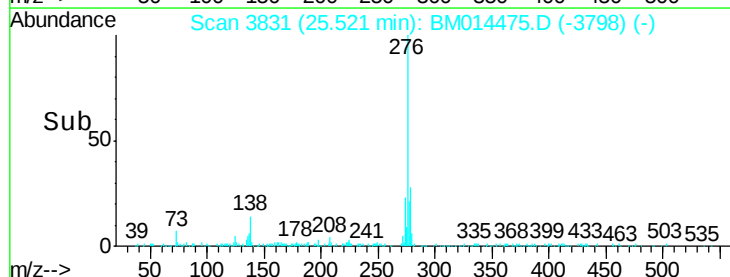
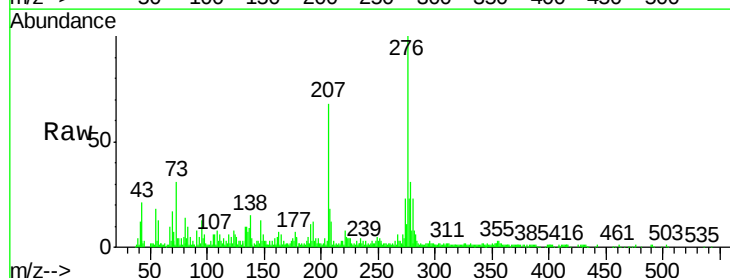
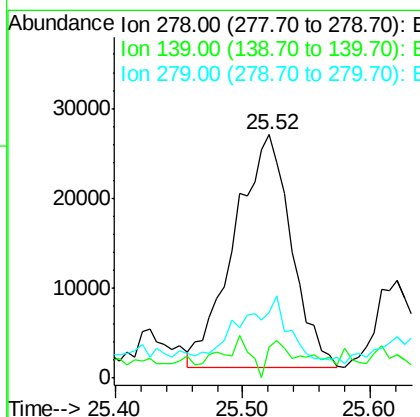
Sohil
3/6/2018 5:46:56 PM

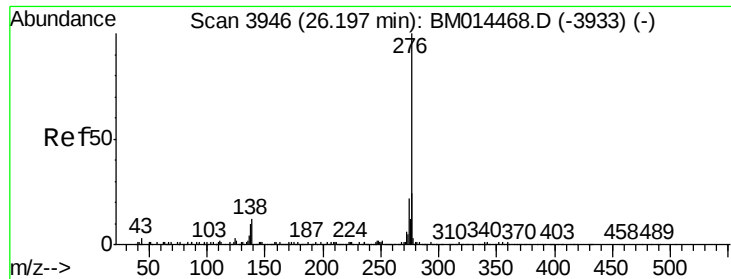


#90

Dibenzo(a,h)anthracene
Concen: 4.633 ng/ul m
RT: 25.52 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	5.8	8.8#
279	26.9	18.6	27.8





#91
 Benzo(a,h,i)perylene
 Concen: 11.887 ng/ul
 RT: 26.20 min Scan# 3946
 Delta R.T. 0.00 min
 Lab File: BM014475.D
 Acq: 05 Mar 2018 16:24

Instrument :
 BNA_M
 ClientSampleId :
 BE5T4DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.0	8.5	12.7#
277	25.5	18.6	28.0

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:46:56 PM

