

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
 Data File : BM014848.D
 Acq On : 25 Apr 2018 23:49
 Operator : SJ/JU
 Sample : J2431-14DL2 30X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP5DL2

Manual Integrations
 APPROVED

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 4/26/2018 6:21:23 PM

Quant Time: Apr 26 03:46:47 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 01:59:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	279033	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1177062	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	619389	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1335365	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1402865	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1473047	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	505	0.08	ng/uL	0.00
5) Phenol-d5	7.62	99	11778	0.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	9171	0.66	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	9863	0.55	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	9057	0.53	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	4773	0.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.42	143	3909	0.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	8809	0.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.45	131	19260	1.13	ng/ul	-0.02
43) Dimethylphthalate-d6	14.49	166	27536	0.57	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	28559	0.48	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	3303	0.37	ng/ul	0.00
57) Fluorene-d10	16.08	176	28297	0.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	1524	0.21	ng/ul	0.00
70) Anthracene-d10	17.92	188	36521	0.59	ng/ul	0.00
76) Pyrene-d10	20.16	212	41582	0.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.23	264	45193	0.62	ng/ul	-0.01

Target Compounds

					Ovalue	
28) Naphthalene	11.40	128	647831	11.294	ng/ul	99
34) 2-Methylnaphthalene	12.97	142	662455	16.632	ng/ul	98
40) 1,1'-Biphenyl	13.95	154	205152	4.119	ng/ul#	98
49) Acenaphthene	15.17	153	1108069	26.956	ng/ul	100
53) Dibenzofuran	15.50	168	1052994	18.447	ng/ul	99
58) Fluorene	16.14	166	1061129	23.022	ng/ul	100
69) Phenanthrene	17.86	178	4889317	68.177	ng/ul	99
71) Anthracene	17.95	178	771669	10.603	ng/ul	99
72) Carbazole	18.21	167	88137	1.420	ng/ul	98
74) Fluoranthene	19.83	202	3285849	42.025	ng/ul#	80
77) Pyrene	20.19	202	2380502	29.042	ng/ul#	79
80) Benzo(a)anthracene	21.89	228	705428	8.599	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.77	149	235466	4.797	ng/ul#	95
82) Chrysene	21.94	228	555004	7.227	ng/ul	97
85) Benzo(b)fluoranthene	23.63	252	462959	5.331	ng/ul#	96
86) Benzo(k)fluoranthene	23.68	252	136505m	1.635	ng/ul	
88) Benzo(a)pyrene	24.28	252	278600	3.382	ng/ul#	94

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

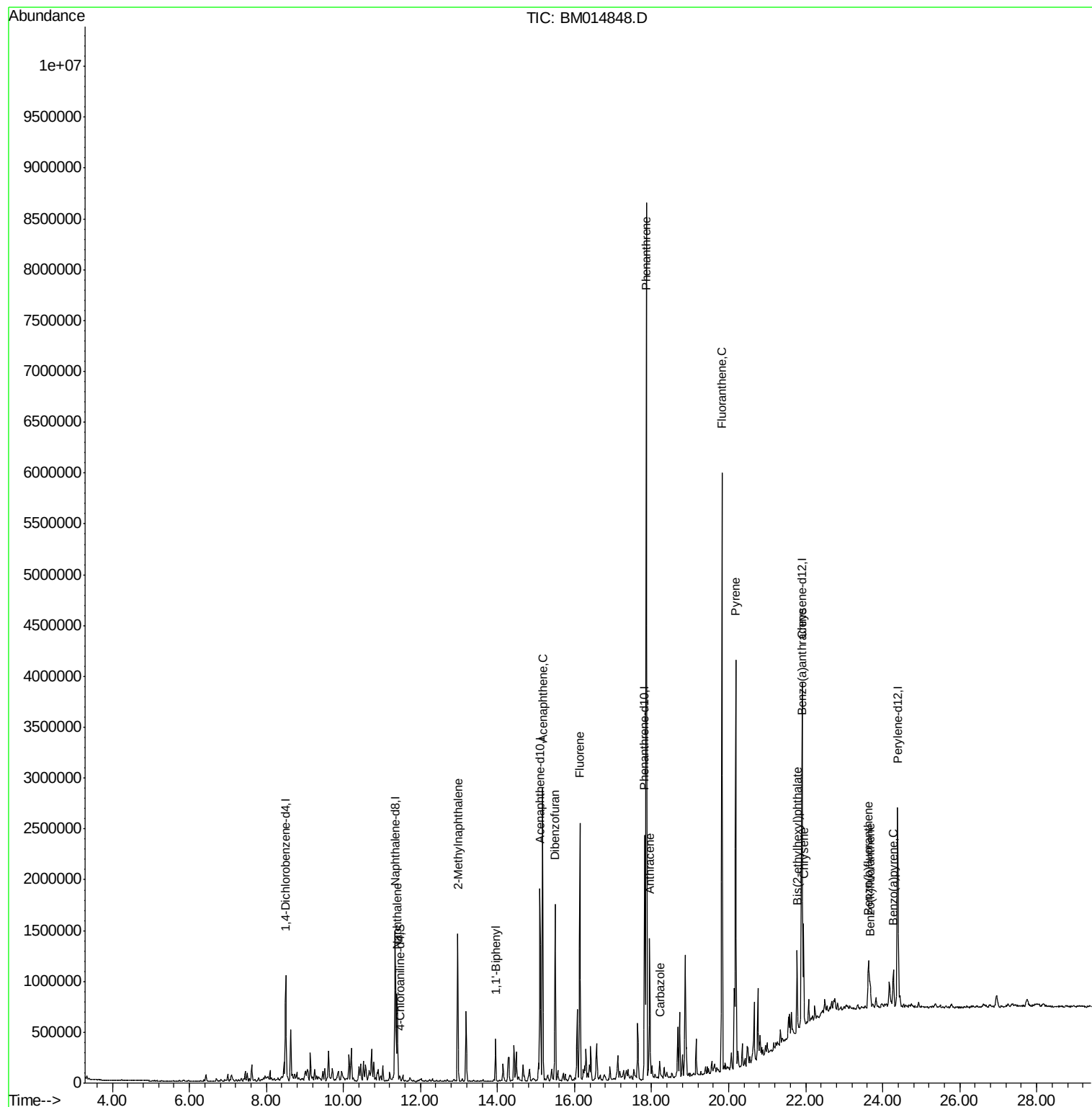
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014848.D
Acq On : 25 Apr 2018 23:49
Operator : SJ/JU
Sample : J2431-14DL2 30X
Misc :
ALS Vial : 17 Sample Multiplier: 1

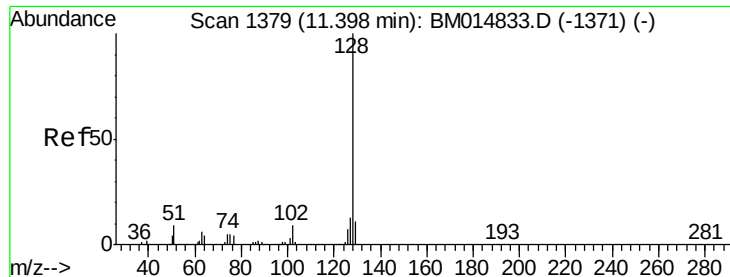
Instrument :
BNA_M
ClientSampleId :
DASP5DL2

Manual Integrations
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Quant Time: Apr 26 03:46:47 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 01:59:14 2018
Response via : Initial Calibration





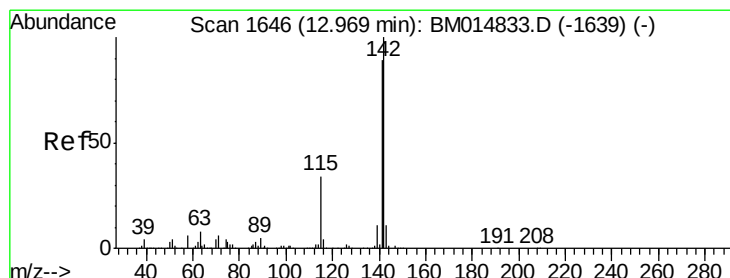
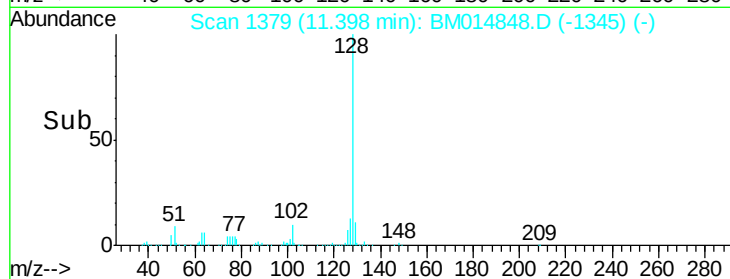
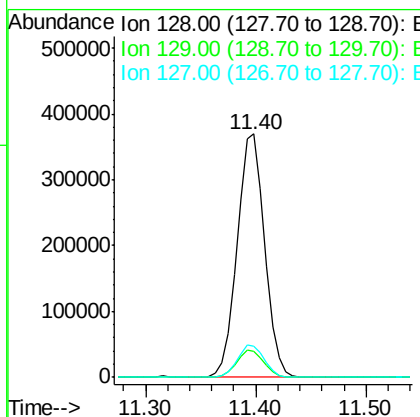
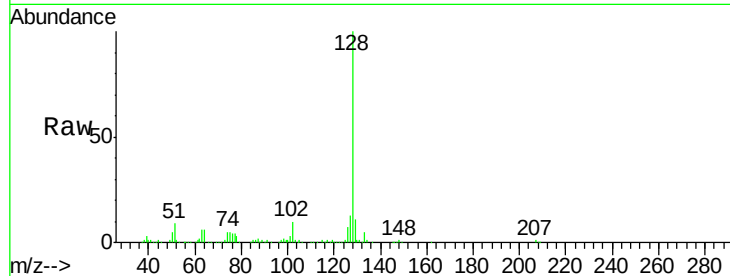
#28
Naphthalene
Concen: 11.294 ng/ul
RT: 11.40 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BM014848.D
Acq: 25 Apr 2018 23:49

Instrument :
BNA_M
ClientSampleId :
DASP5DL2

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.0	10.6	16.0

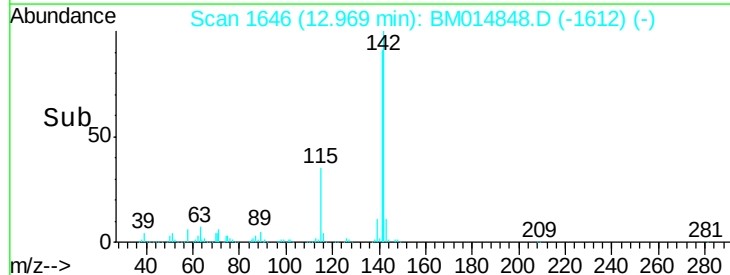
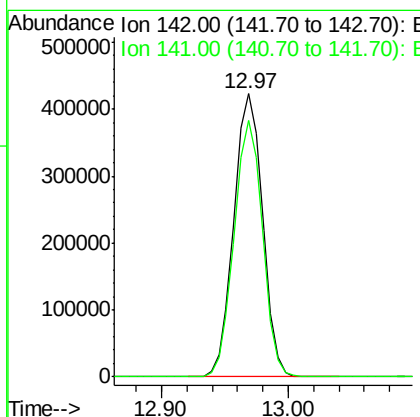
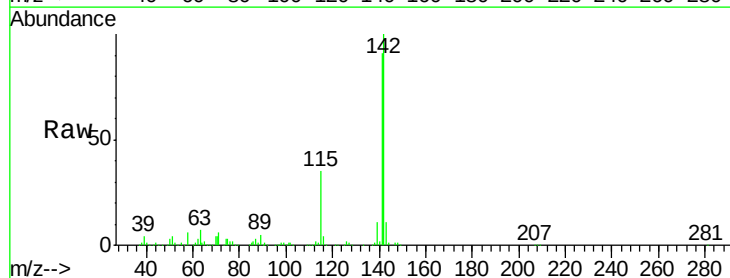
Manual Integrations
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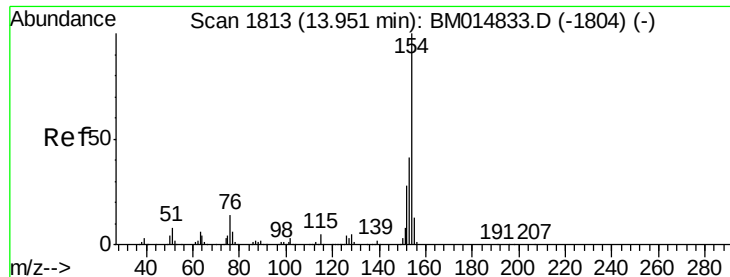
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#34
2-Methylnaphthalene
Concen: 16.632 ng/ul
RT: 12.97 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BM014848.D
Acq: 25 Apr 2018 23:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.1	111.1





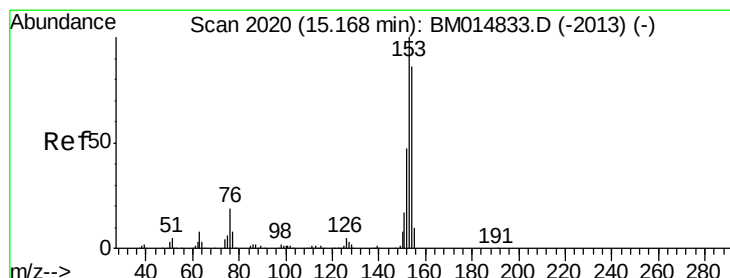
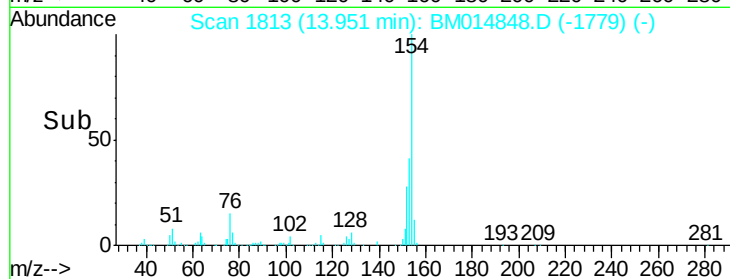
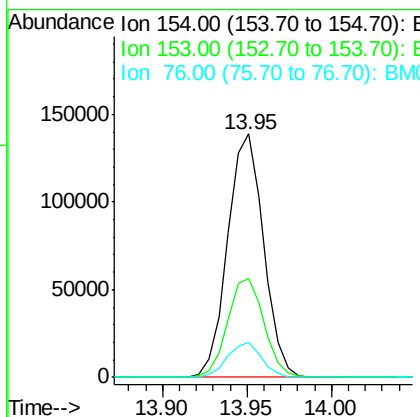
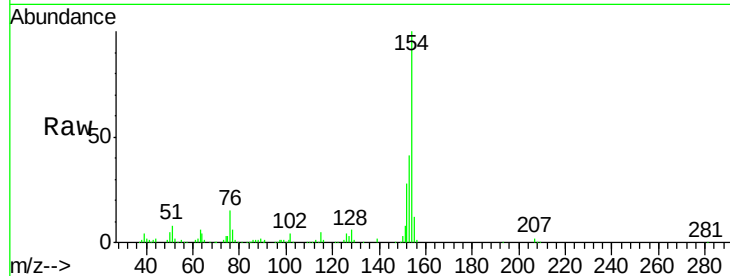
#40
 1,1'-Biphenyl
 Concen: 4.119 ng/ul
 RT: 13.95 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BM014848.D
 Acq: 25 Apr 2018 23:49

Instrument :
 BNA_M
 ClientSampleId :
 DASP5DL2

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.6	32.6	48.8
76	14.5	8.5	12.7

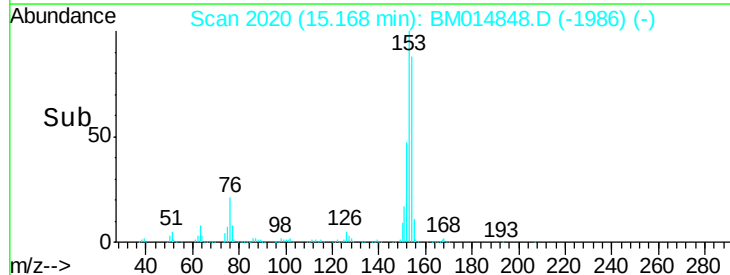
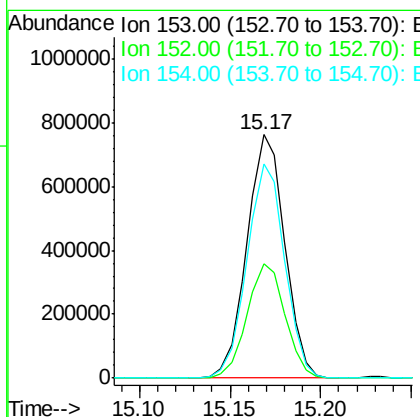
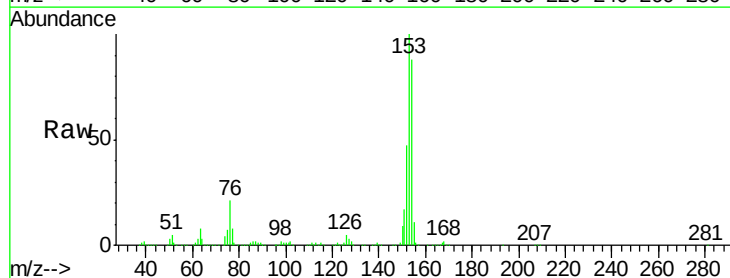
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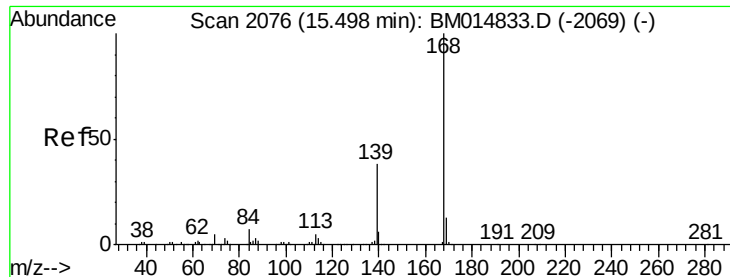
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#49
 Acenaphthene
 Concen: 26.956 ng/ul
 RT: 15.17 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BM014848.D
 Acq: 25 Apr 2018 23:49

Tgt Ion	Ratio	Resp Lower	Upper
153	100		
152	46.9	37.6	56.4
154	87.7	70.4	105.6





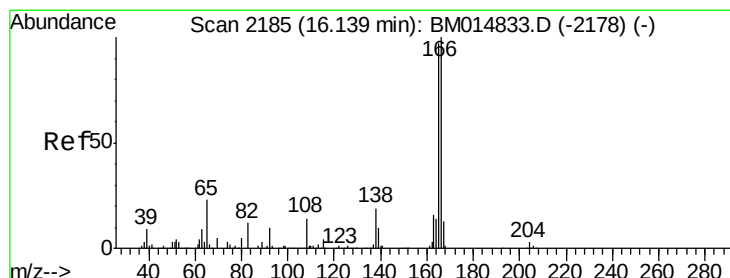
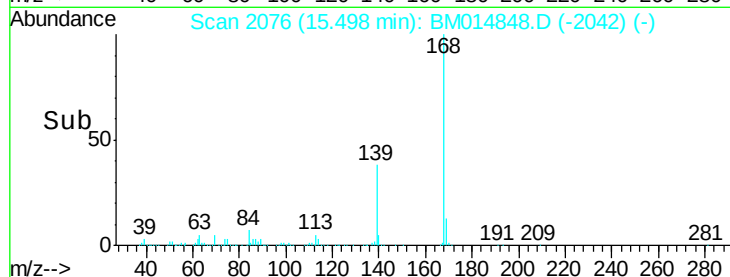
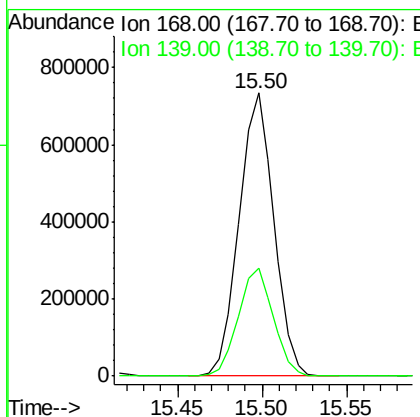
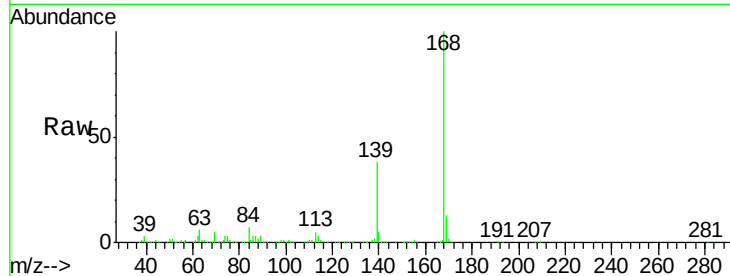
#53
Dibenzenofuran
Concen: 18.447 ng/ul
RT: 15.50 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BM014848.D
Acq: 25 Apr 2018 23:49

Instrument :
BNA_M
ClientSampleId :
DASP5DL2

Tot Ion:168 Resp: 1052994
Ion Ratio Lower Upper
168 100
139 38.0 30.8 46.2

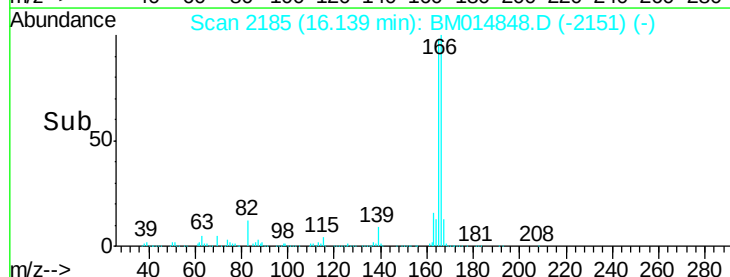
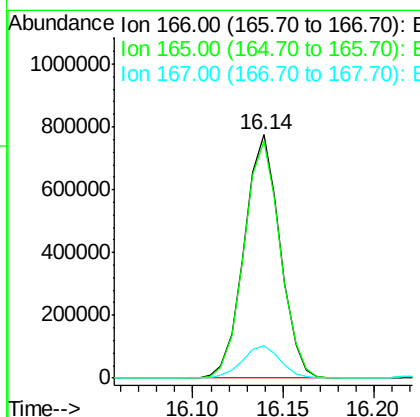
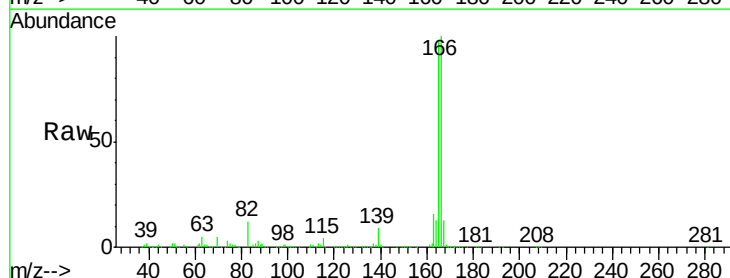
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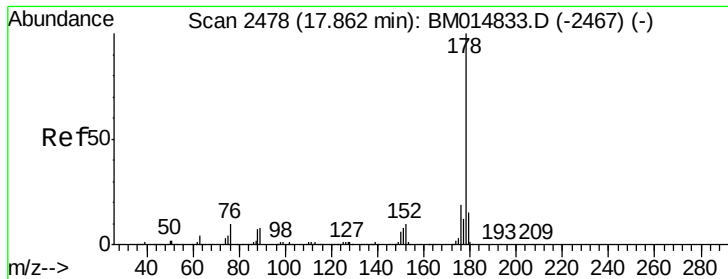
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#58
Fluorene
Concen: 23.022 ng/ul
RT: 16.14 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BM014848.D
Acq: 25 Apr 2018 23:49

Tgt Ion:166 Resp: 1061129
Ion Ratio Lower Upper
166 100
165 97.7 77.9 116.9
167 13.3 10.6 16.0





#69

Phenanthrene

Concen: 68.177 ng/ul

RT: 17.86 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BM014848.D

Acq: 25 Apr 2018 23:49

Instrument :

BNA_M

ClientSampleId :

DASP5DL2

Tot Ion:178 Resp: 4889317

Ion Ratio Lower Upper

178 100

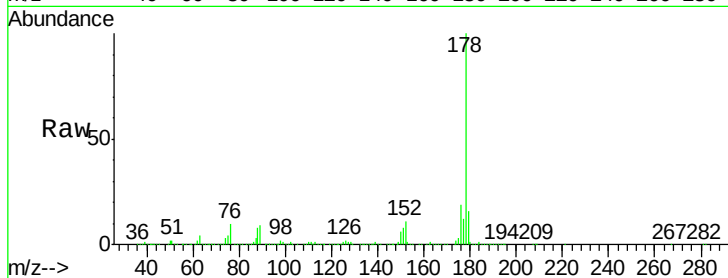
179 15.7 12.6 19.0

176 19.5 14.9 22.3

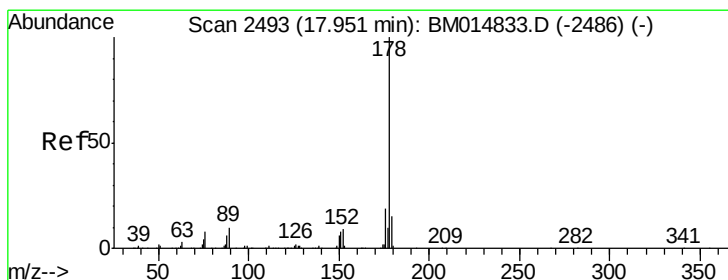
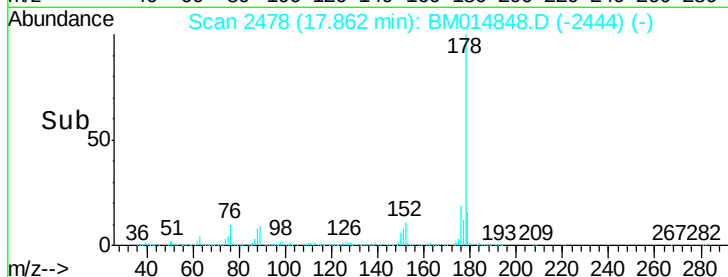
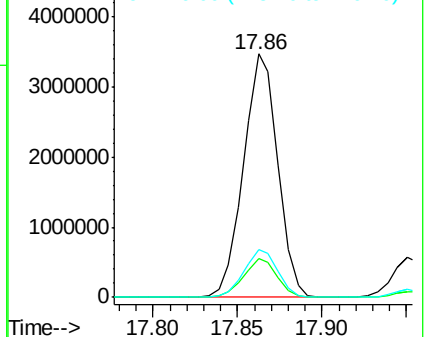
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 10.603 ng/ul

RT: 17.95 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BM014848.D

Acq: 25 Apr 2018 23:49

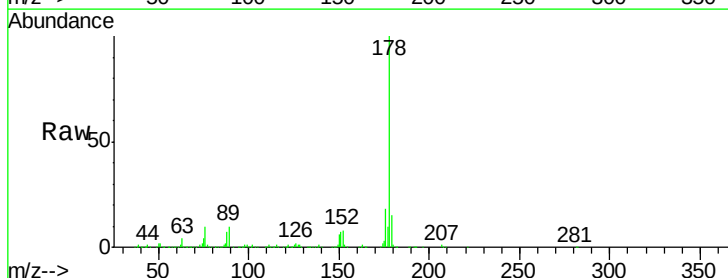
Tgt Ion:178 Resp: 771669

Ion Ratio Lower Upper

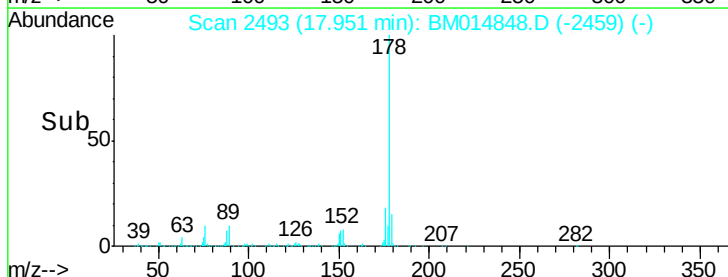
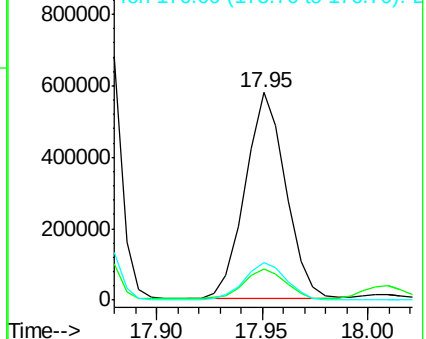
178 100

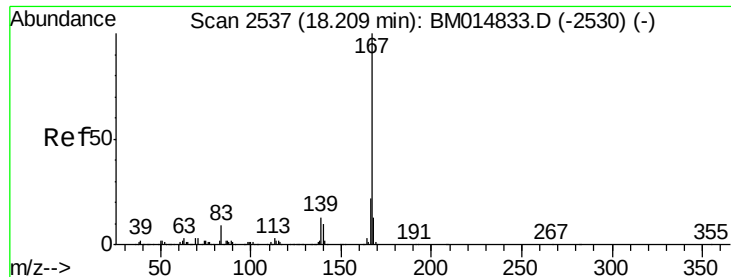
179 15.1 11.7 17.5

176 18.4 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





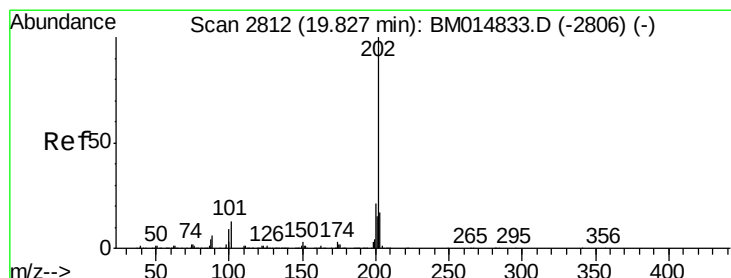
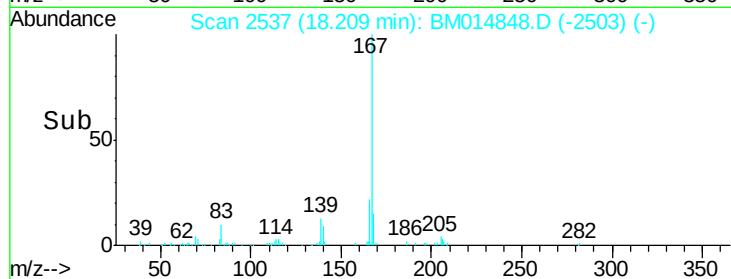
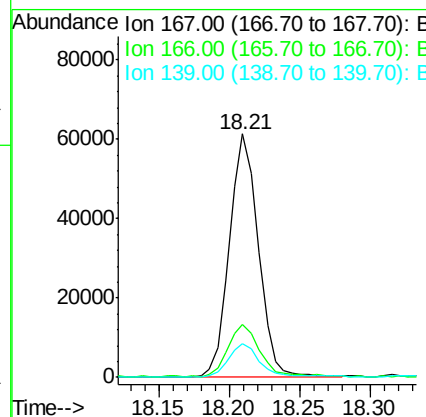
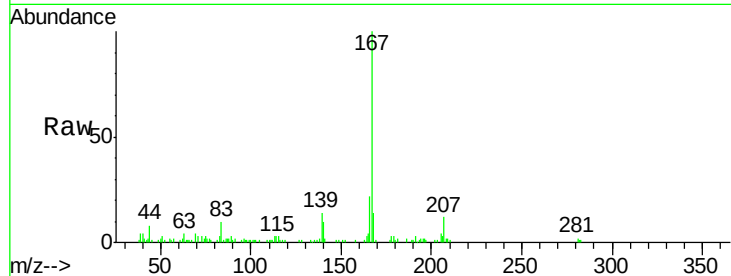
#72
 Carbazole
 Concen: 1.420 ng/ul
 RT: 18.21 min Scan# 2537
 Delta R.T. -0.00 min
 Lab File: BM014848.D
 Acq: 25 Apr 2018 23:49

Instrument :
 BNA_M
 ClientSampleId :
 DASP5DL2

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	13.6	10.0	15.0

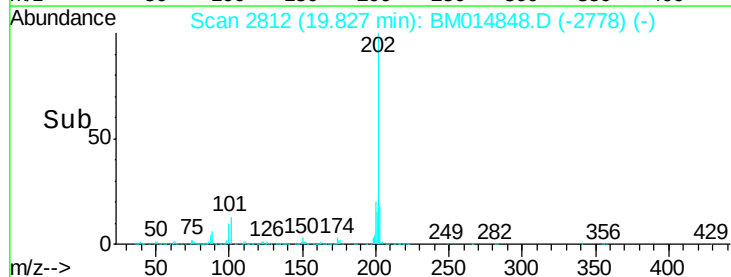
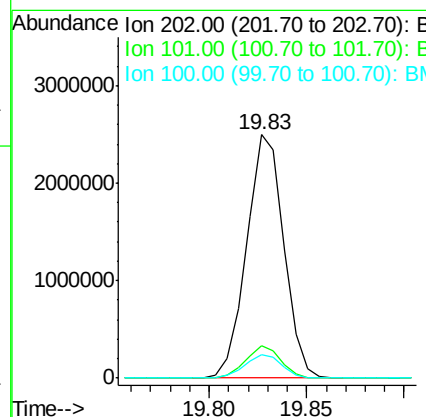
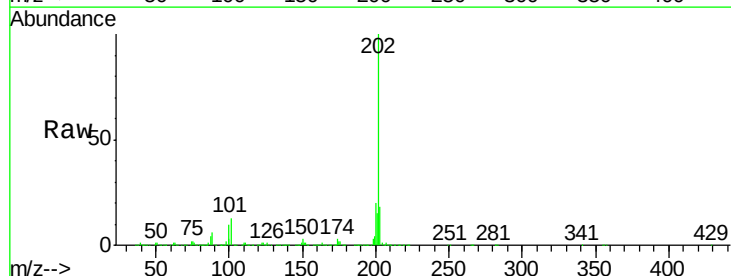
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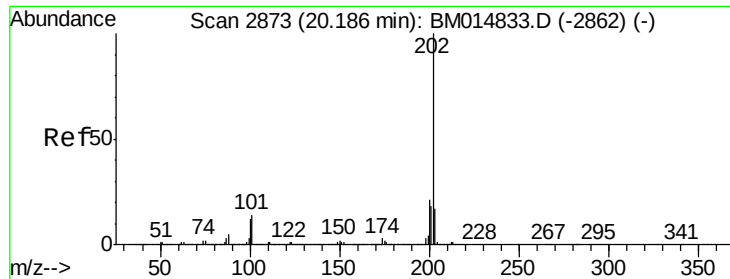
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#74
 Fluoranthene
 Concen: 42.025 ng/ul
 RT: 19.83 min Scan# 2812
 Delta R.T. -0.00 min
 Lab File: BM014848.D
 Acq: 25 Apr 2018 23:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	4.6	7.0#
100	9.8	3.4	5.2#





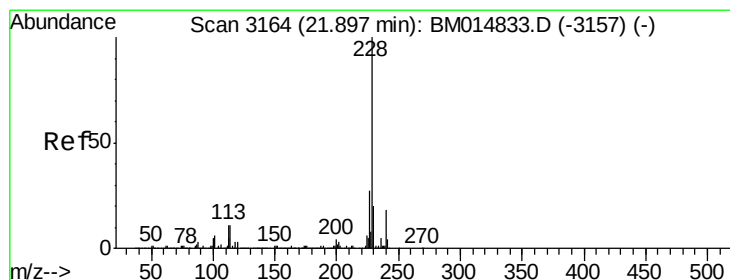
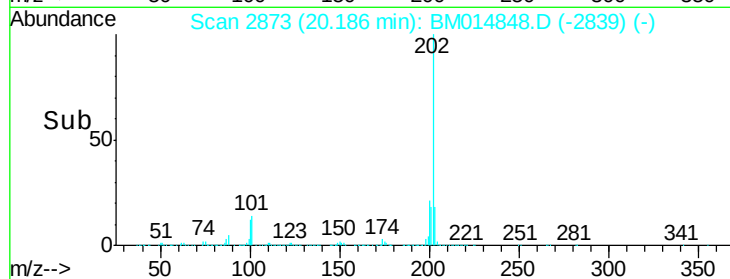
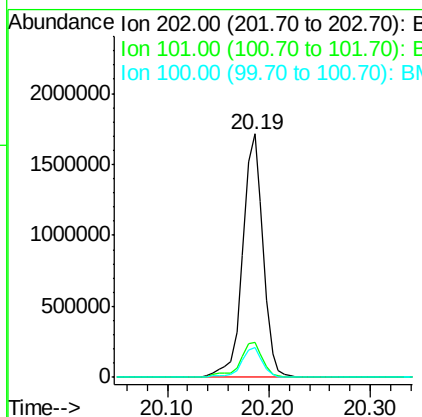
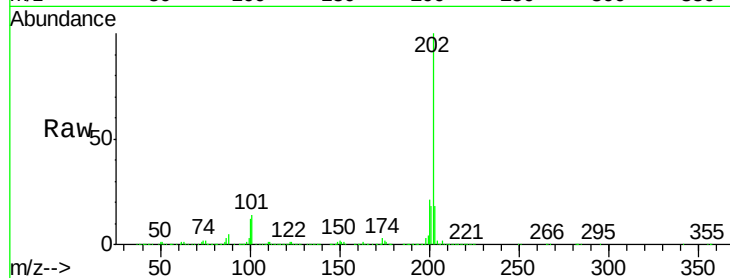
#77
Pvrene
Concen: 29.042 ng/ul
RT: 20.19 min Scan# 2873
Delta R.T. -0.00 min
Lab File: BM014848.D
Acq: 25 Apr 2018 23:49

Instrument :
BNA_M
ClientSampleId :
DASP5DL2

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.4	5.1	7.7#
100	12.1	4.9	7.3#

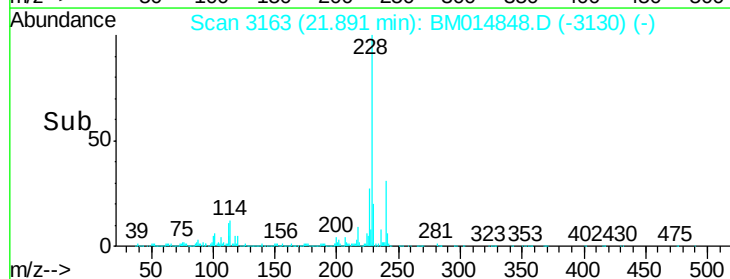
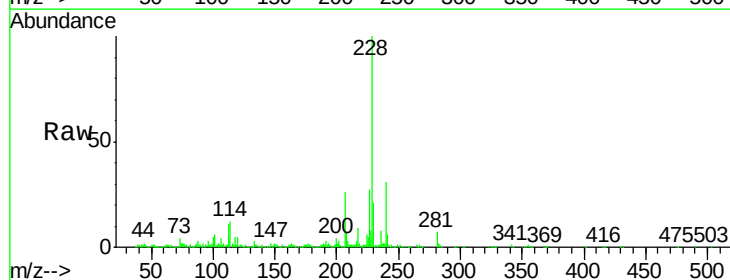
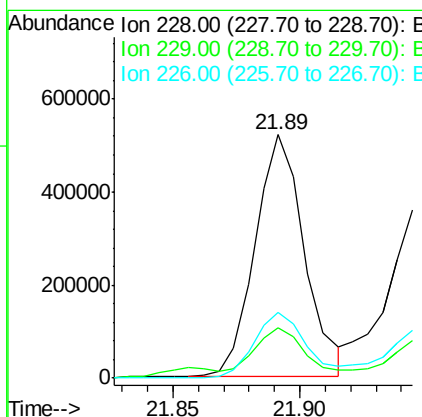
Manual Integrations
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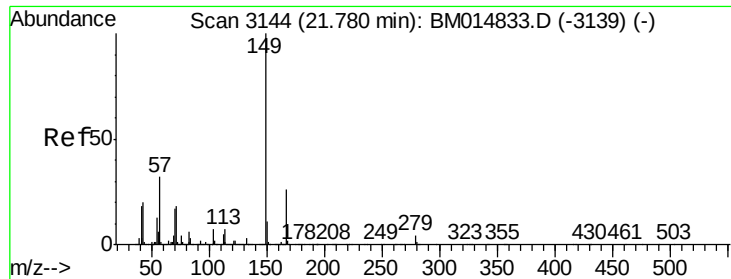
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#80
Benzo(a)anthracene
Concen: 8.599 ng/ul
RT: 21.89 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BM014848.D
Acq: 25 Apr 2018 23:49

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.0
226	27.1	21.4	32.0





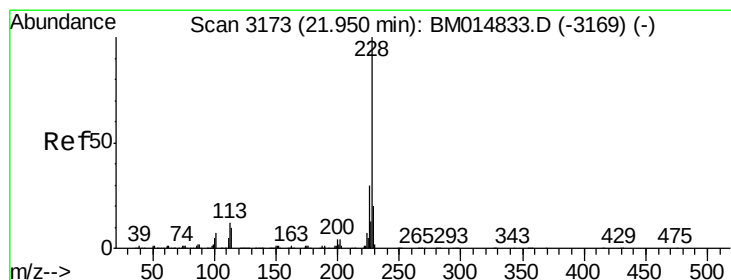
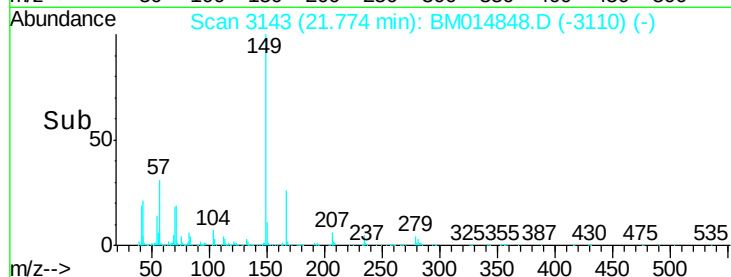
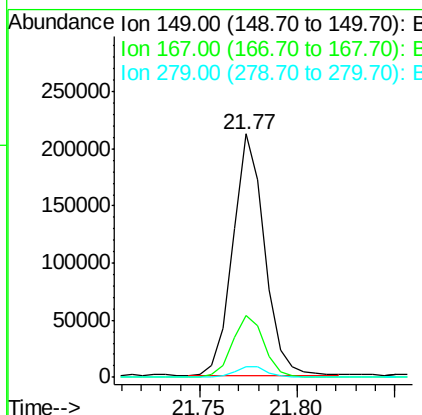
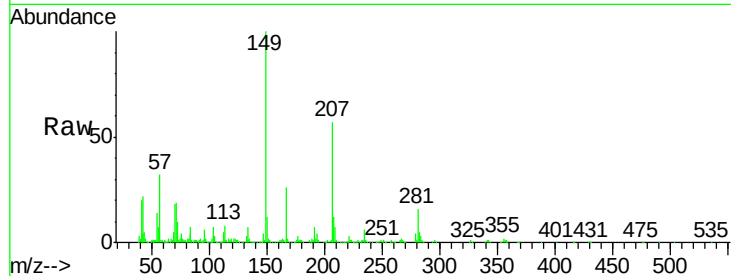
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 4.797 ng/ul
 RT: 21.77 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BM014848.D
 Acq: 25 Apr 2018 23:49

Instrument :
 BNA_M
 ClientSampled :
 DASP5DL2

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	22.8	34.2
279	4.3	4.9	7.3

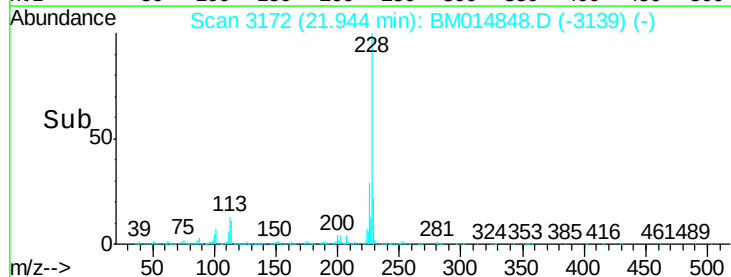
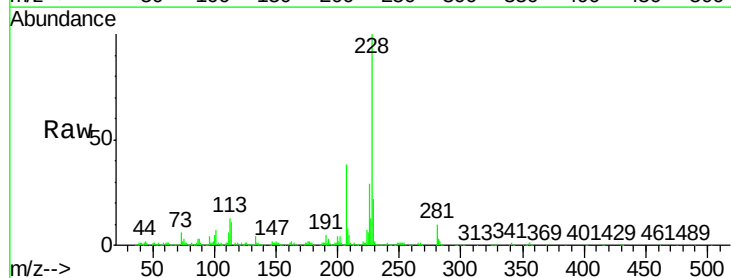
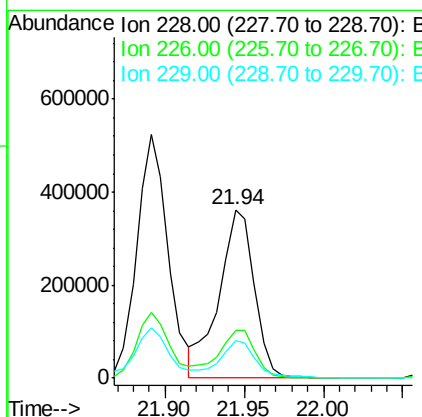
Manual Integrations
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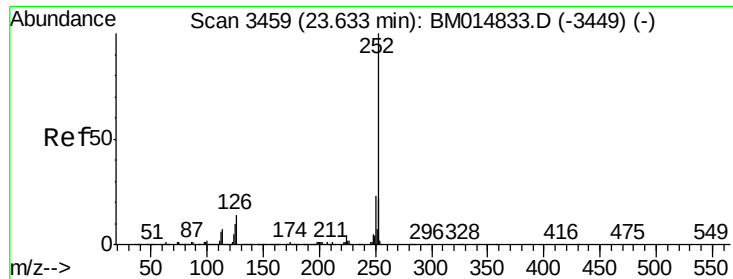
Sohil
 4/26/2018 6:21:23 PM



#82
 Chrysene
 Concen: 7.227 ng/ul
 RT: 21.94 min Scan# 3172
 Delta R.T. -0.01 min
 Lab File: BM014848.D
 Acq: 25 Apr 2018 23:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	22.4	15.5	23.3





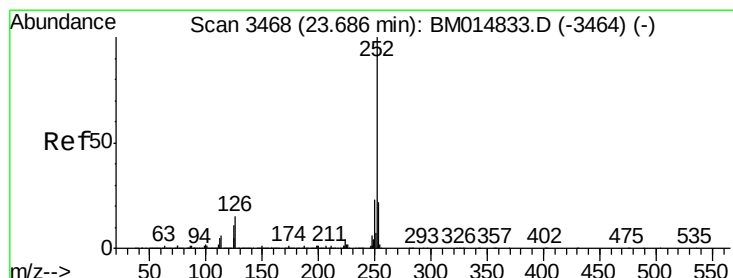
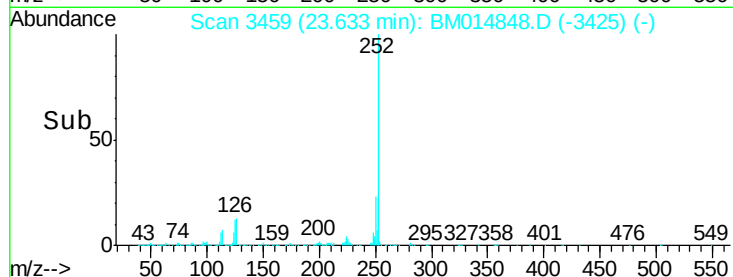
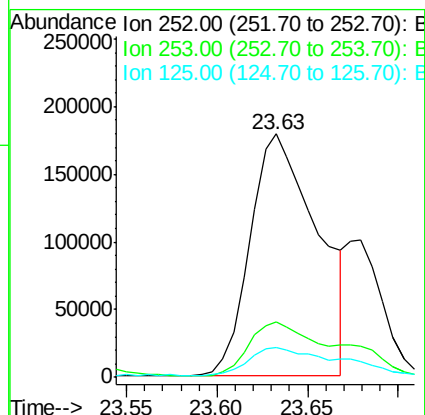
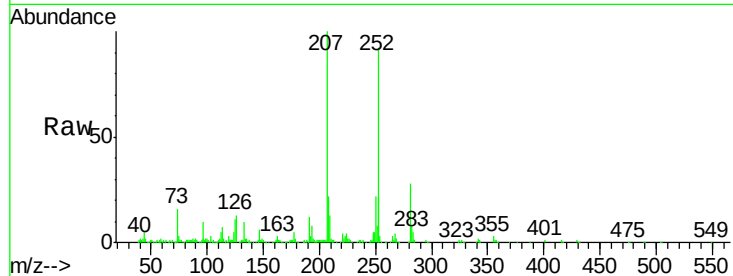
#85
Benzo(b)fluoranthene
Concen: 5.331 ng/ul
RT: 23.63 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BM014848.D
Acq: 25 Apr 2018 23:49

Instrument :
BNA_M
ClientSampleId :
DASP5DL2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.3	3.6	5.4

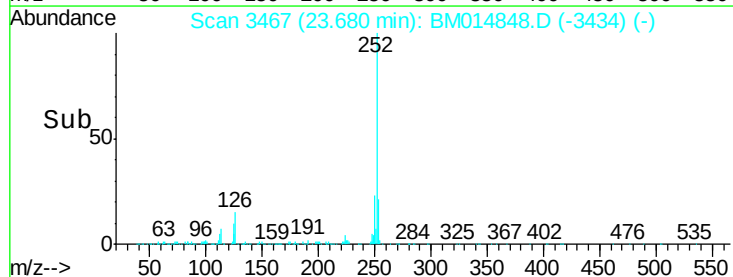
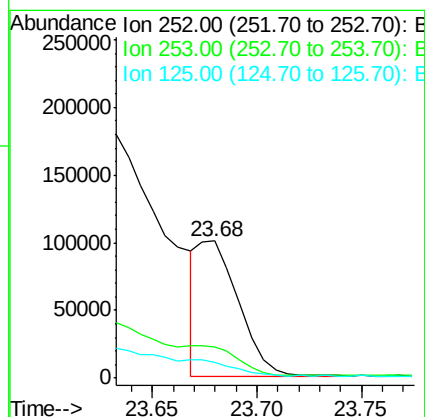
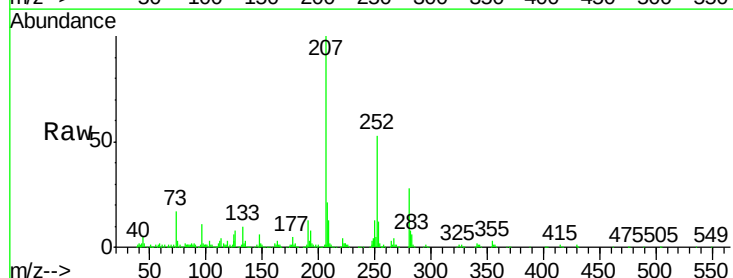
Manual Integrations
APPROVED

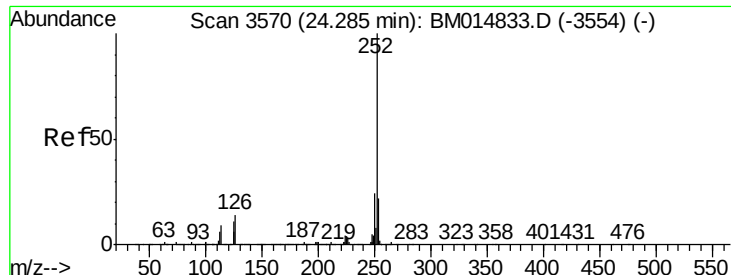
Sohil
4/26/2018 6:21:23 PM



#86
Benzo(k)fluoranthene
Concen: 1.635 ng/ul m
RT: 23.68 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BM014848.D
Acq: 25 Apr 2018 23:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	11.7	3.4	5.2





#88

Benzo(a)pyrene

Concen: 3.382 ng/ul

RT: 24.28 min Scan# 3569

Delta R.T. -0.01 min

Lab File: BM014848.D

Acq: 25 Apr 2018 23:49

Instrument :

BNA_M

ClientSampleId :

DASP5DL2

Tot Ion:	252	Resp:	278600
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.2	27.2
125	13.1	4.0	6.0

Manual Integrations
APPROVED

Sohil
4/26/2018 6:21:23 PM

