

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
 Data File : BM014845.D
 Acq On : 25 Apr 2018 21:59
 Operator : SJ/JU
 Sample : J2431-12DL2 20X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 DASP3DL2

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:21:18 PM

Quant Time: Apr 26 02:57:21 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	306168	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1256096	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	654607	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1366036	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1422626	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1545731	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	1270	0.18	ng/uL	0.00
5) Phenol-d5	7.62	99	22487	0.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	16786	1.11	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	18794	0.95	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	17660	0.94	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	8405	0.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.42	143	7326	0.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	15899	0.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	19164	1.06	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	49443	0.97	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	54435	0.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	5548	0.59	ng/ul	0.00
57) Fluorene-d10	16.08	176	46597	1.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	2661	0.36	ng/ul	0.00
70) Anthracene-d10	17.92	188	65671	1.03	ng/ul	0.00
76) Pyrene-d10	20.16	212	72050	1.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.23	264	79513	1.05	ng/ul	0.00

Target Compounds

					Ovalue	
49) Acenaphthene	15.17	153	88242	2.031	ng/ul	96
53) Dibenzofuran	15.50	168	143664	2.381	ng/ul	99
58) Fluorene	16.14	166	327739	6.728	ng/ul	98
69) Phenanthrene	17.86	178	4816656	65.656	ng/ul	99
71) Anthracene	17.95	178	1096631	14.729	ng/ul	99
74) Fluoranthene	19.83	202	5132401	64.168	ng/ul#	83
77) Pyrene	20.19	202	3475379	41.811	ng/ul#	79
80) Benzo(a)anthracene	21.89	228	1169914	14.063	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.77	149	474325	9.529	ng/ul#	94
82) Chrysene	21.94	228	931705	11.963	ng/ul	98
85) Benzo(b)fluoranthene	23.63	252	750030	8.231	ng/ul#	95
86) Benzo(k)fluoranthene	23.68	252	257328m	2.937	ng/ul	
88) Benzo(a)pyrene	24.28	252	460032	5.322	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.95	276	175898	1.682	ng/ul#	89
91) Benzo(g,h,i)perylene	27.75	276	142175	1.653	ng/ul#	88

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

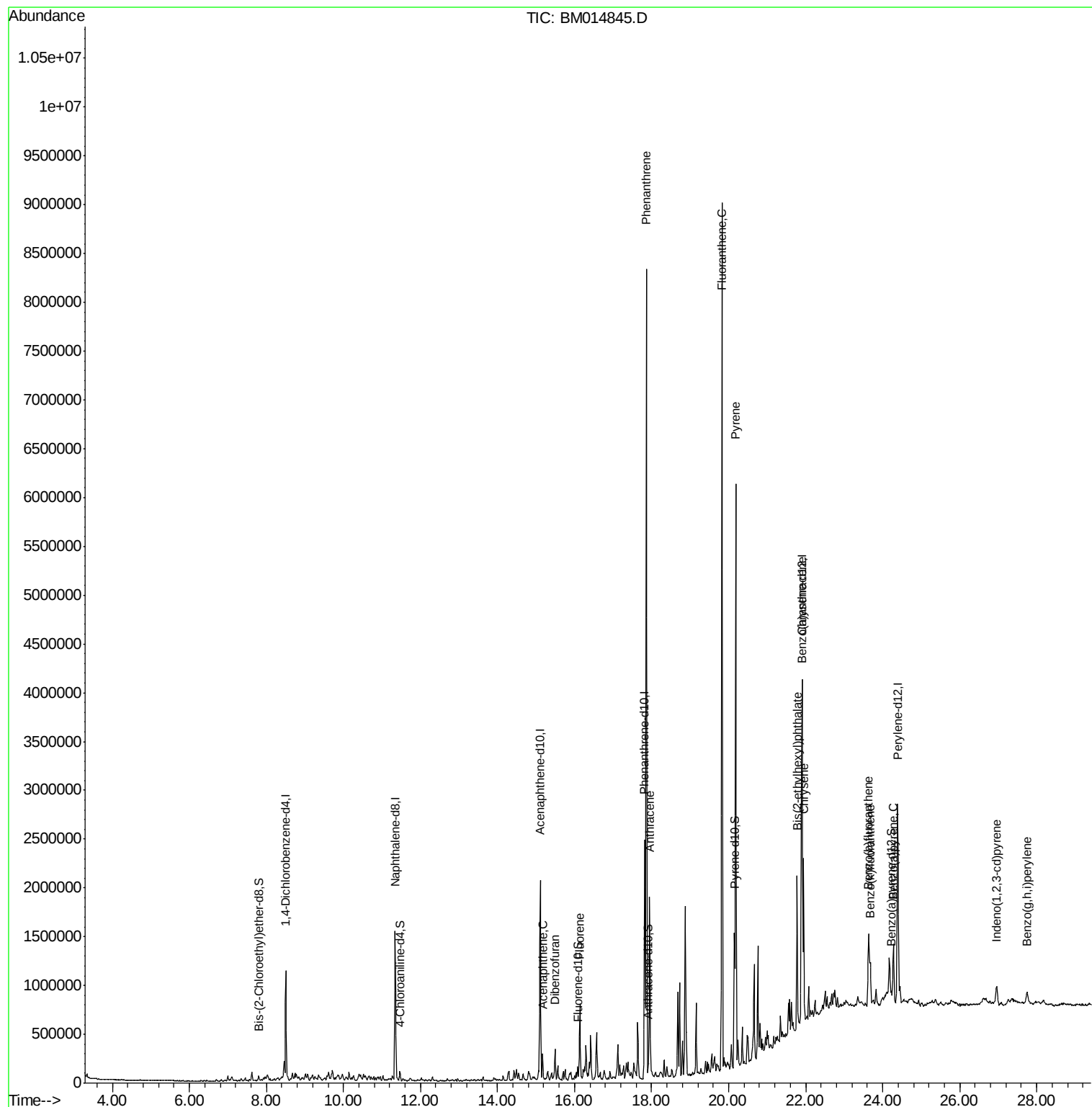
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014845.D
Acq On : 25 Apr 2018 21:59
Operator : SJ/JU
Sample : J2431-12DL2 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

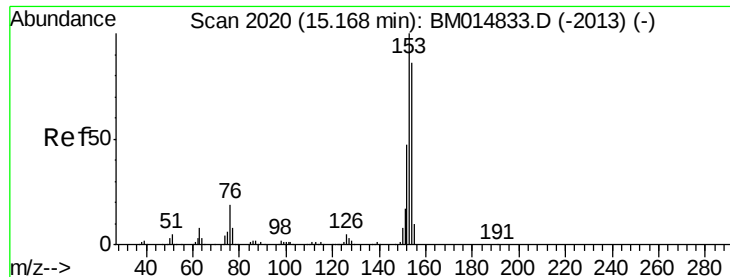
Instrument :
BNA_M
ClientSampleId :
DASP3DL2

Manual Integrations
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Quant Time: Apr 26 02:57:21 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





#49

Acenaphthene

Concen: 2.031 ng/ul

RT: 15.17 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BM014845.D

Acq: 25 Apr 2018 21:59

Instrument :

BNA_M

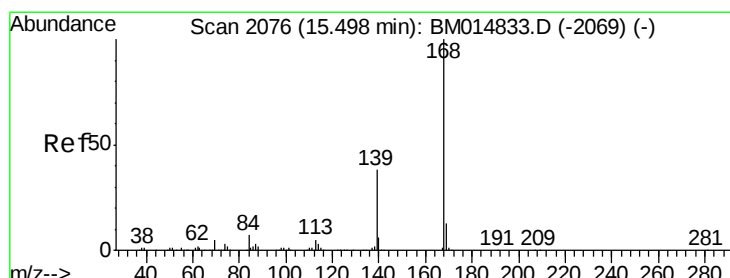
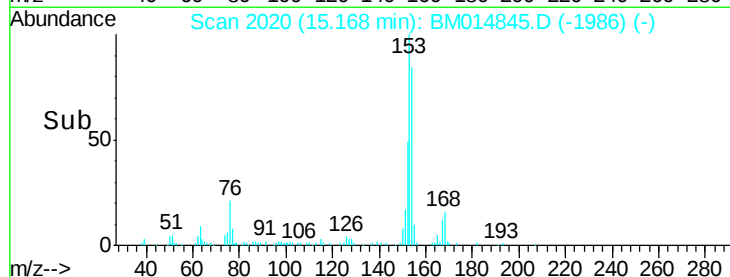
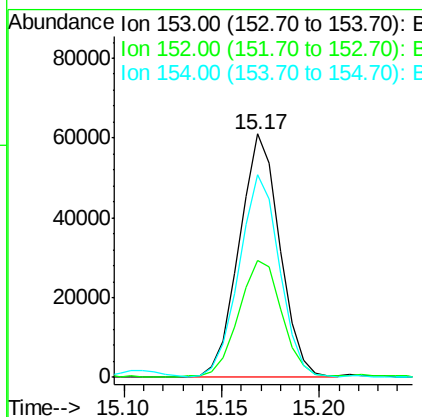
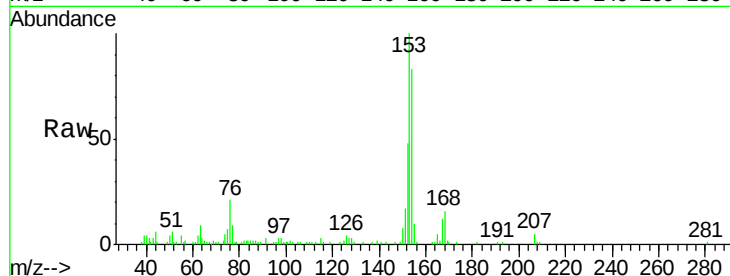
ClientSampleId :

DASP3DL2

Tot Ion:	153	Resp:	88242
Ion Ratio	Lower	Upper	
153	100		
152	48.3	37.6	56.4
154	83.4	70.4	105.6

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#53

Dibenzofuran

Concen: 2.381 ng/ul

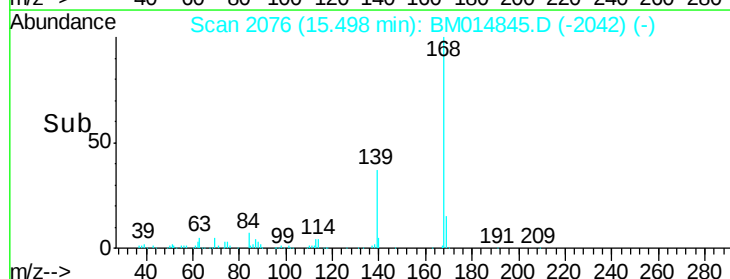
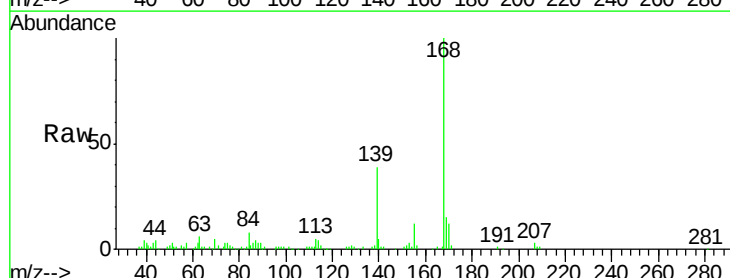
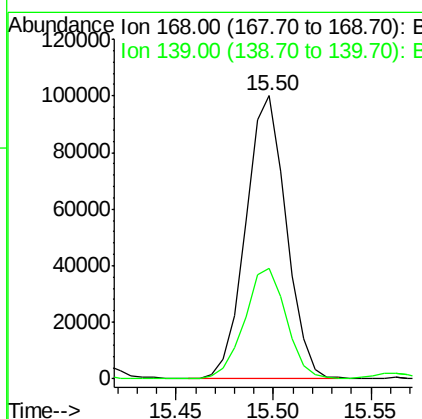
RT: 15.50 min Scan# 2076

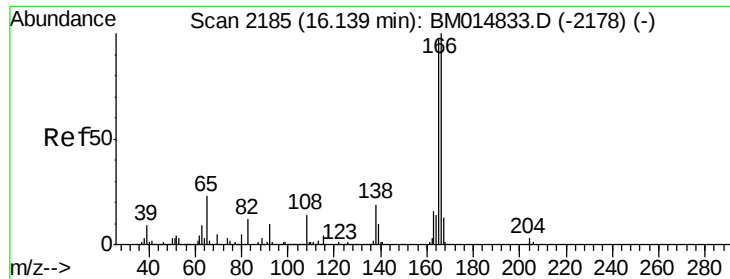
Delta R.T. -0.00 min

Lab File: BM014845.D

Acq: 25 Apr 2018 21:59

Tgt Ion:	168	Resp:	143664
Ion Ratio	Lower	Upper	
168	100		
139	39.0	30.8	46.2





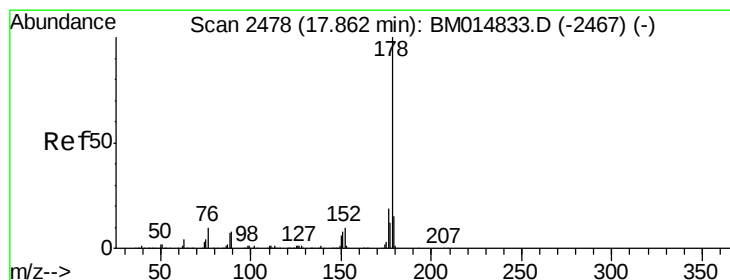
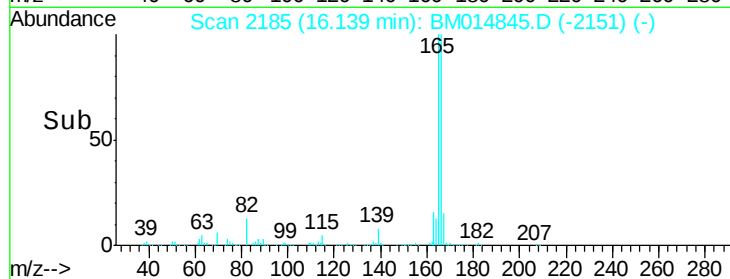
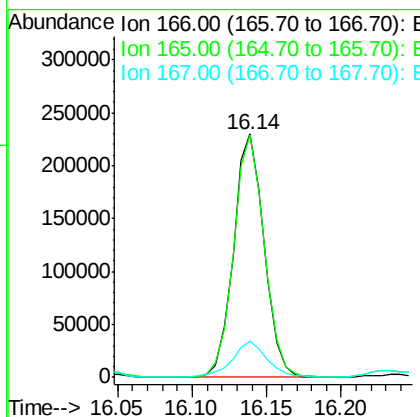
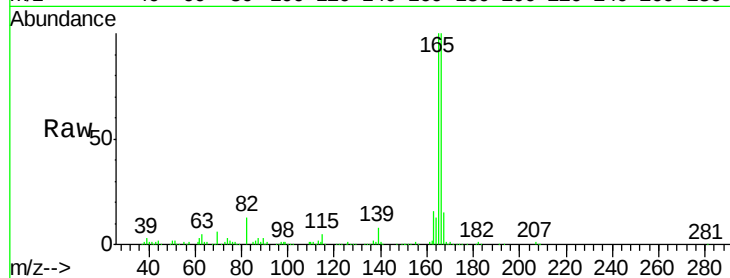
#58
 Fluorene
 Concen: 6.728 ng/ul
 RT: 16.14 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BM014845.D
 Acq: 25 Apr 2018 21:59

Instrument :
 BNA_M
 ClientSampleId :
 DASP3DL2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		327739		
165	99.6	77.9	116.9		
167	14.7	10.6	16.0		

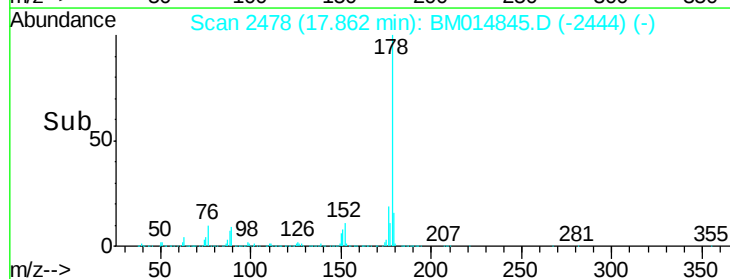
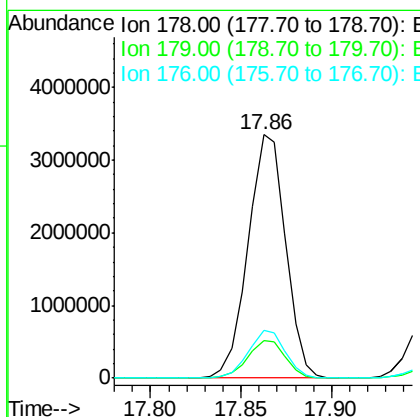
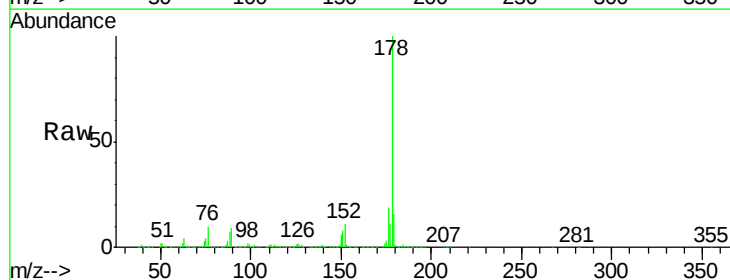
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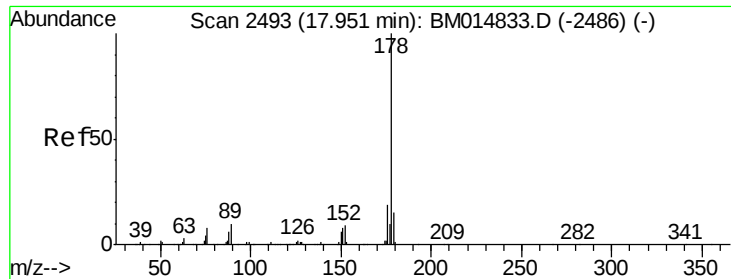
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#69
 Phenanthrene
 Concen: 65.656 ng/ul
 RT: 17.86 min Scan# 2478
 Delta R.T. -0.00 min
 Lab File: BM014845.D
 Acq: 25 Apr 2018 21:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		4816656		
179	15.6	12.6	19.0		
176	19.5	14.9	22.3		





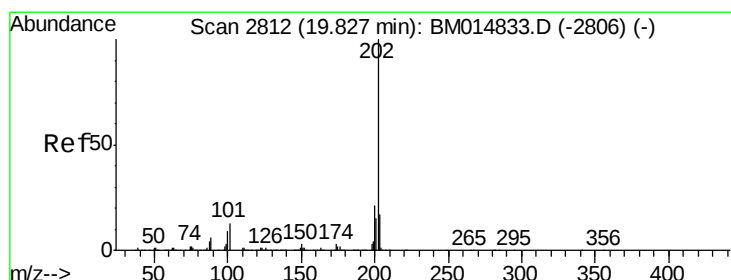
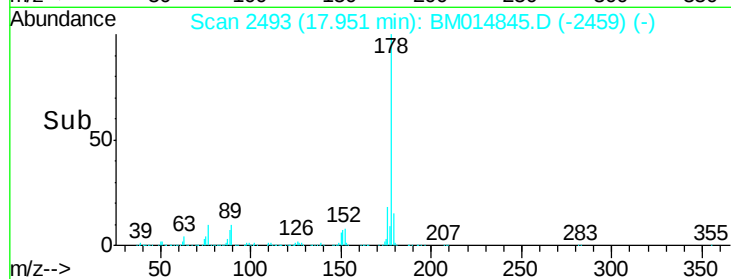
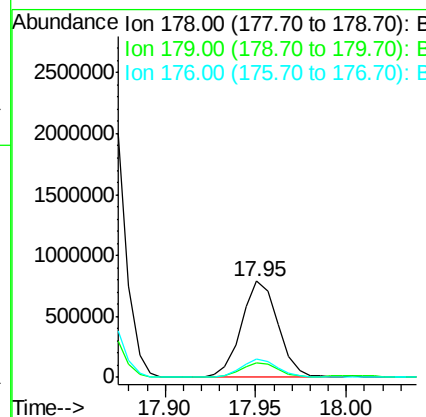
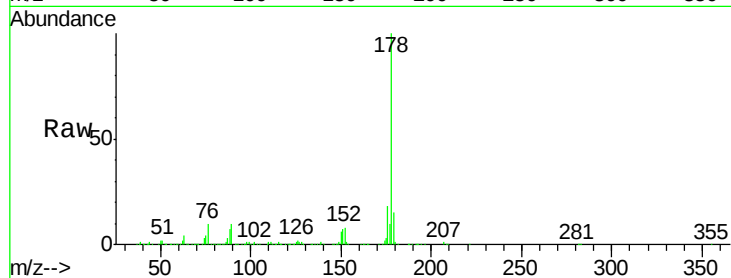
#71
 Anthracene
 Concen: 14.729 ng/ul
 RT: 17.95 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BM014845.D
 Acq: 25 Apr 2018 21:59

Instrument :
 BNA_M
 ClientSampleId :
 DASP3DL2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	18.5	14.6	21.8

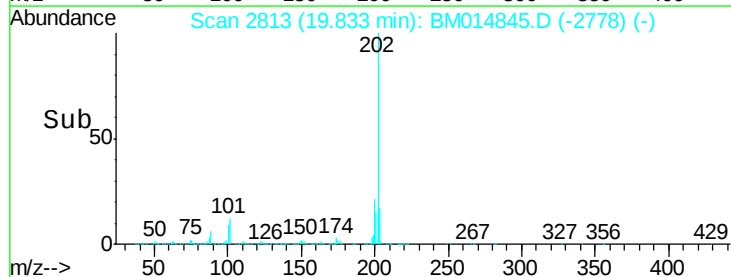
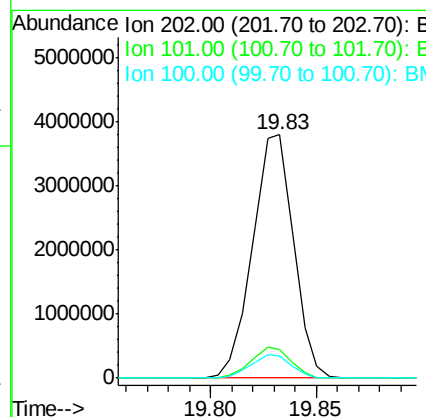
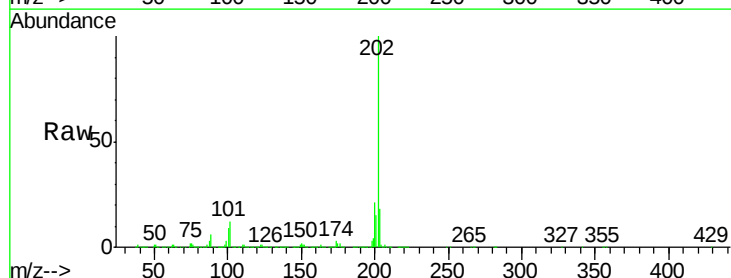
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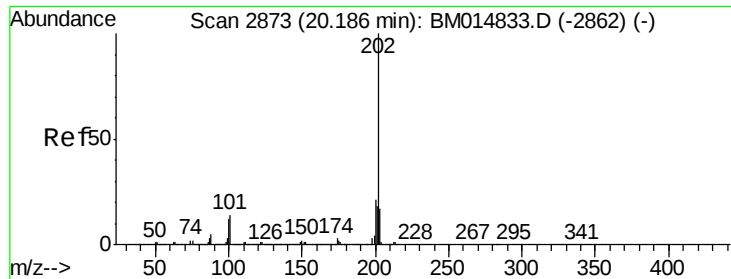
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#74
 Fluoranthene
 Concen: 64.168 ng/ul
 RT: 19.83 min Scan# 2813
 Delta R.T. 0.01 min
 Lab File: BM014845.D
 Acq: 25 Apr 2018 21:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	4.6	7.0#
100	9.2	3.4	5.2#





#77

Pvrene

Concen: 41.811 ng/ul

RT: 20.19 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BM014845.D

Acq: 25 Apr 2018 21:59

Instrument :

BNA_M

ClientSampleId :

DASP3DL2

Tot Ion:202 Resp: 3475379

Ion Ratio Lower Upper

202 100

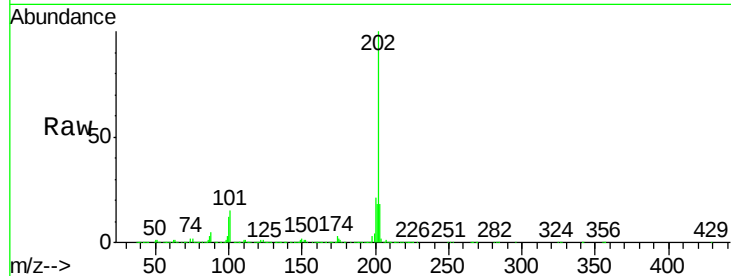
101 14.8 5.1 7.7#

100 11.9 4.9 7.3#

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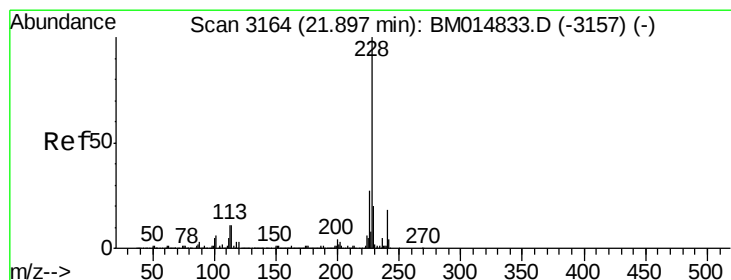
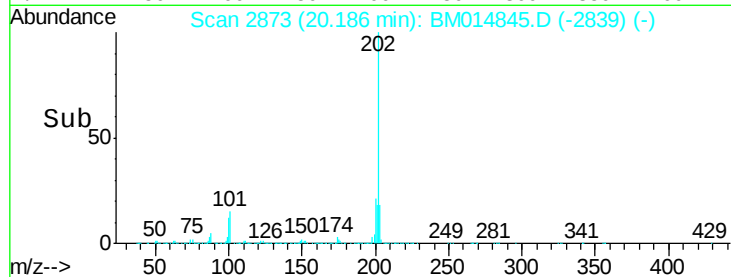
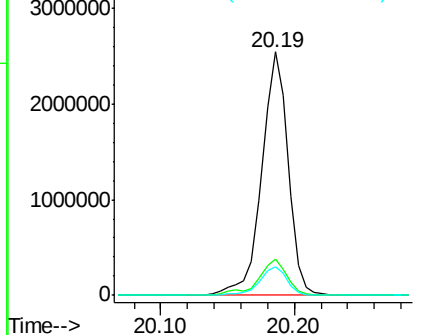
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 14.063 ng/ul

RT: 21.89 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BM014845.D

Acq: 25 Apr 2018 21:59

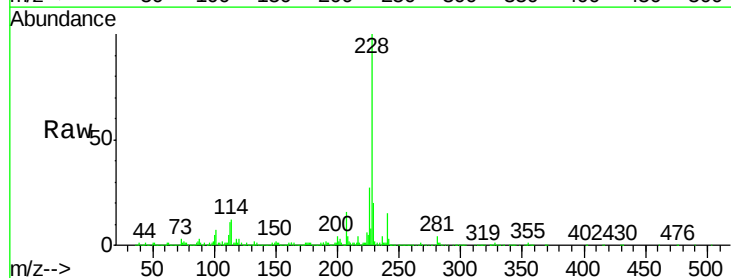
Tgt Ion:228 Resp: 1169914

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

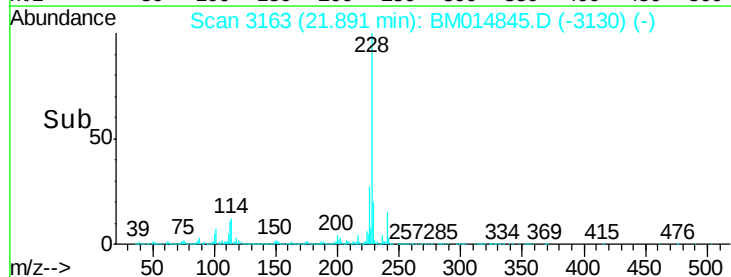
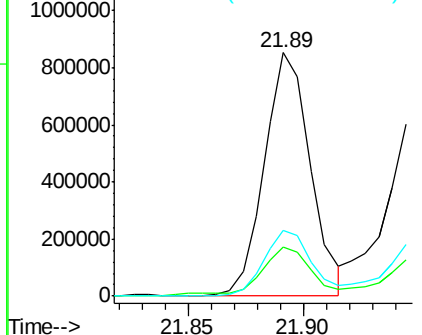
226 27.1 21.4 32.0

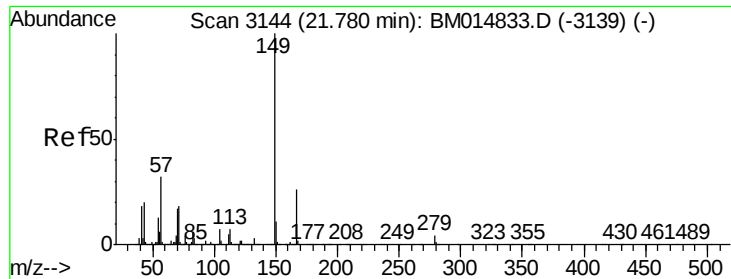


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 9.529 ng/ul

RT: 21.77 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BM014845.D

Acq: 25 Apr 2018 21:59

Instrument :

BNA_M

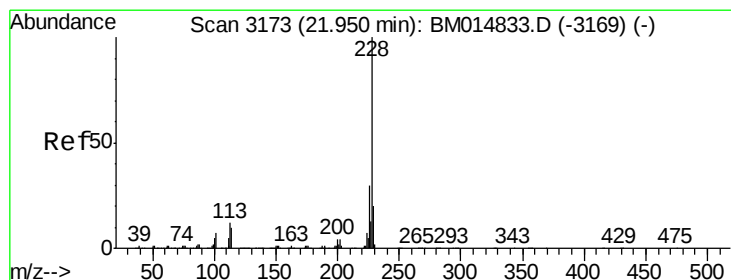
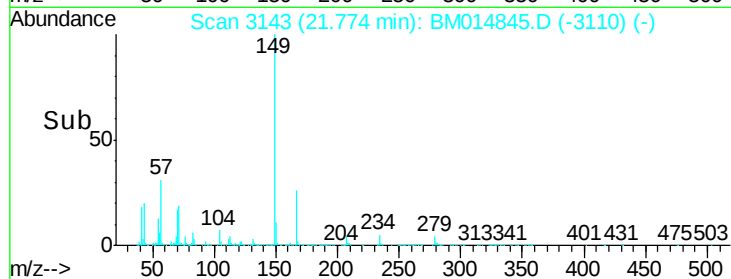
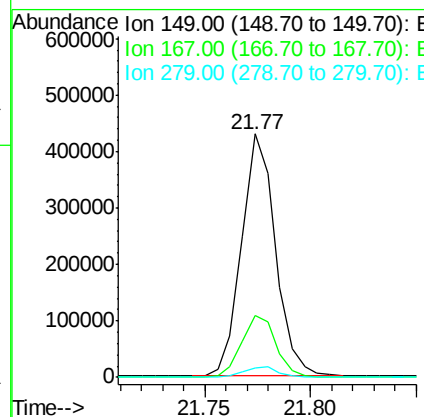
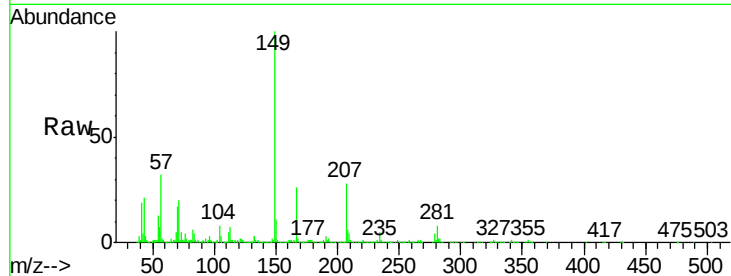
ClientSampleId :

DASP3DL2

Tot Ion:	149	Resp:	474325
Ion Ratio	Lower	Upper	
149	100		
167	25.6	22.8	34.2
279	4.1	4.9	7.3#

Manual Integrations
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#82

Chrysene

Concen: 11.963 ng/ul

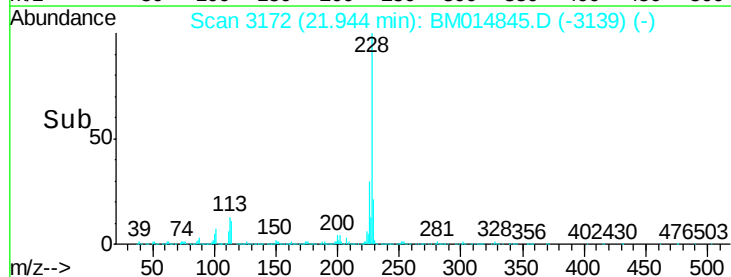
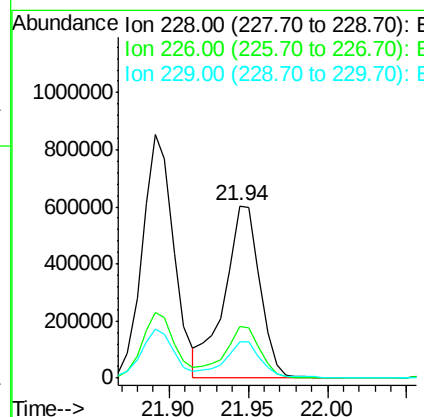
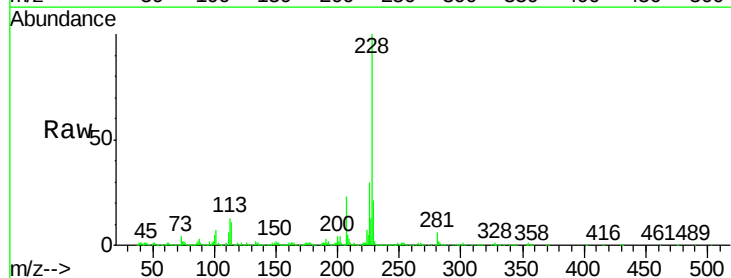
RT: 21.94 min Scan# 3172

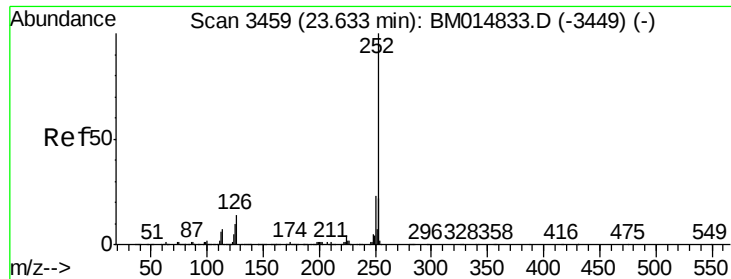
Delta R.T. -0.01 min

Lab File: BM014845.D

Acq: 25 Apr 2018 21:59

Tgt Ion:	228	Resp:	931705
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.2
229	21.1	15.5	23.3





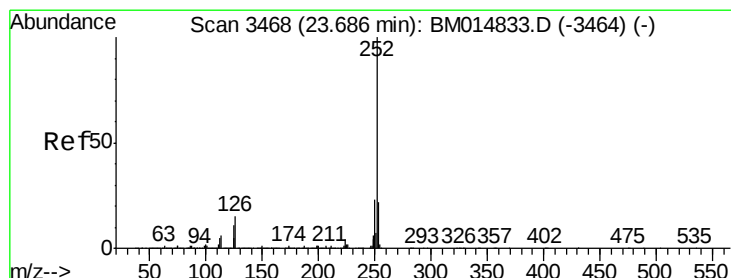
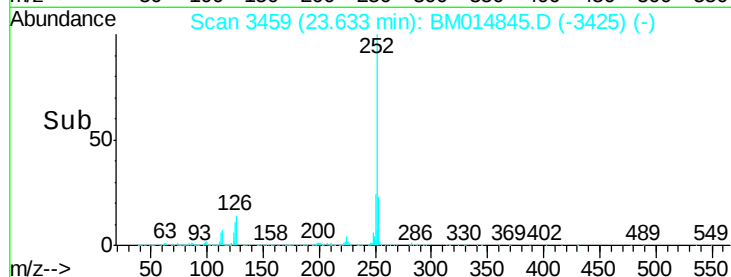
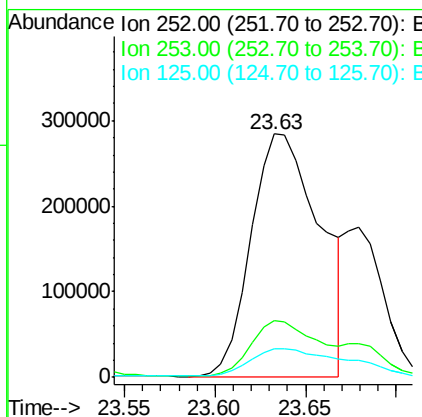
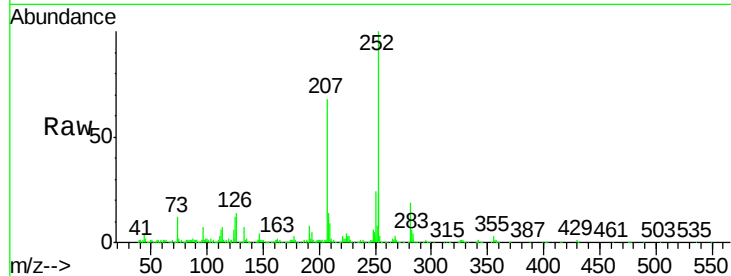
#85
Benzo(b)fluoranthene
Concen: 8.231 ng/ul
RT: 23.63 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BM014845.D
Acq: 25 Apr 2018 21:59

Instrument :
BNA_M
ClientSampleId :
DASP3DL2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	11.9	3.6	5.4

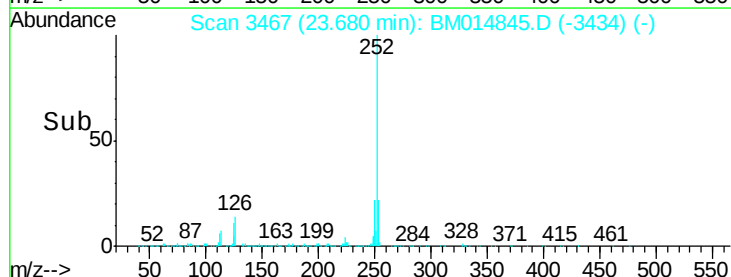
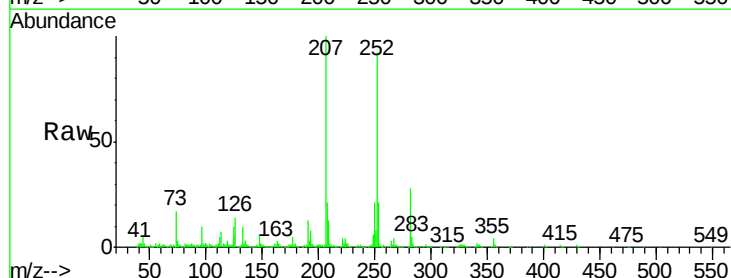
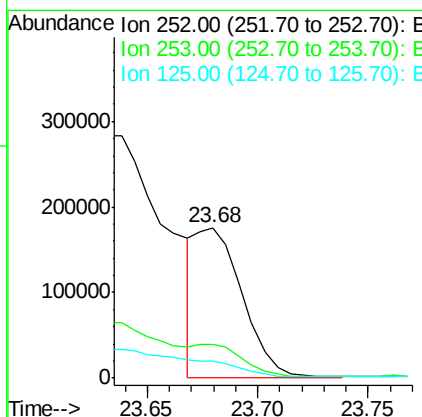
Manual Integrations
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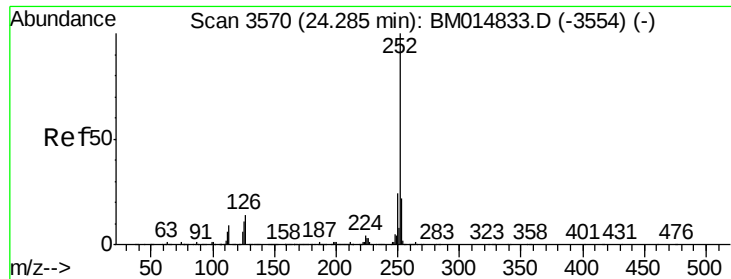
Sohil
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#86
Benzo(k)fluoranthene
Concen: 2.937 ng/ul m
RT: 23.68 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BM014845.D
Acq: 25 Apr 2018 21:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	11.4	3.4	5.2





#88

Benzo(a)pyrene

Concen: 5.322 ng/ul

RT: 24.28 min Scan# 3569

Delta R.T. -0.01 min

Lab File: BM014845.D

Acq: 25 Apr 2018 21:59

Instrument :

BNA_M

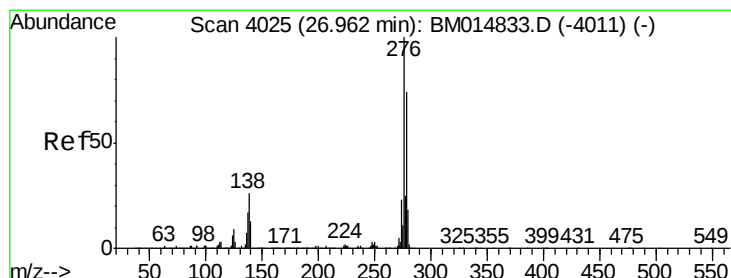
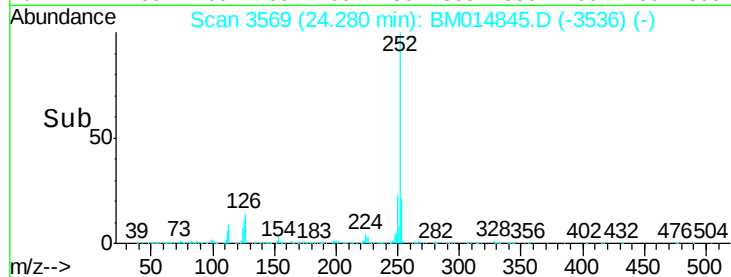
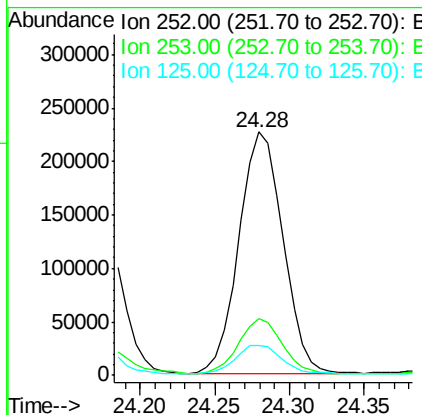
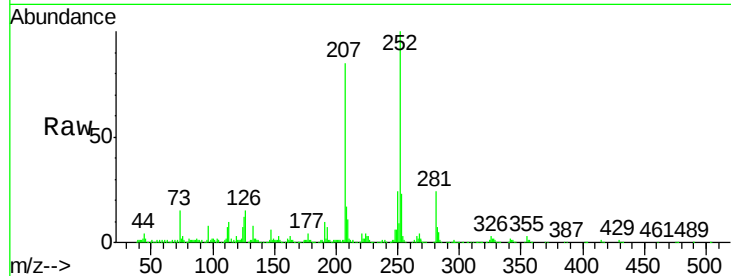
ClientSampleId :

DASP3DL2

Tot Ion:	252	Resp:	460032
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.2
125	12.4	4.0	6.0#

Manual Integrations
APPROVED

Sohil
4/26/2018 6:21:18 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.682 ng/ul

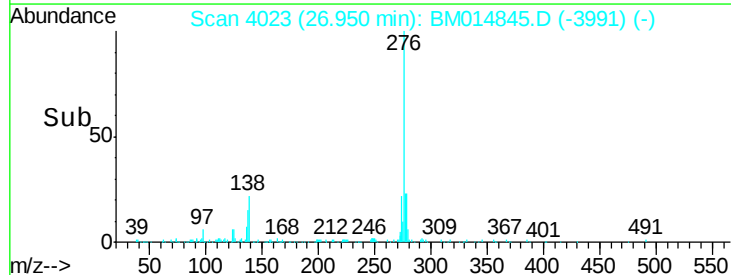
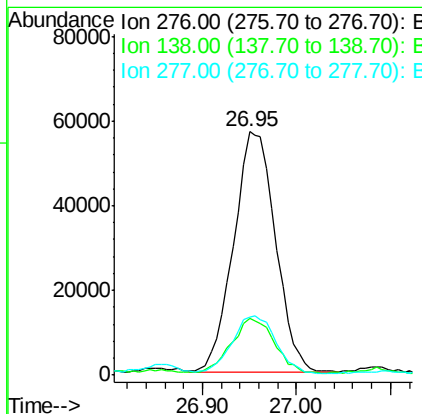
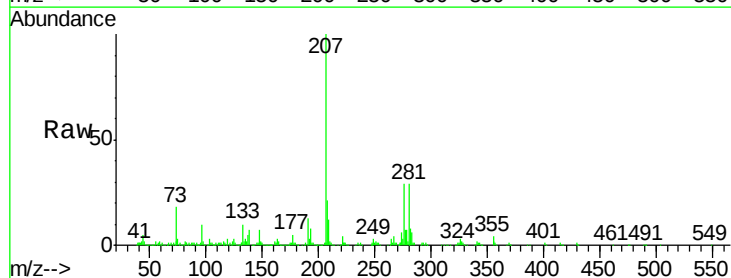
RT: 26.95 min Scan# 4023

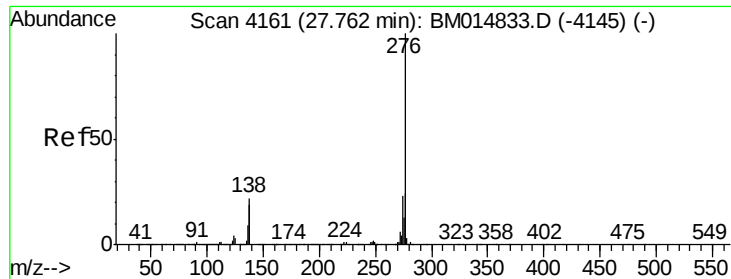
Delta R.T. -0.01 min

Lab File: BM014845.D

Acq: 25 Apr 2018 21:59

Tgt Ion:	276	Resp:	175898
Ion Ratio	Lower	Upper	
276	100		
138	23.2	9.3	13.9#
277	23.7	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 1.653 ng/ul

RT: 27.75 min Scan# 4159

Delta R.T. -0.01 min

Lab File: BM014845.D

Acq: 25 Apr 2018 21:59

Instrument :

BNA_M

ClientSampleId :

DASP3DL2

Tot Ion:	276	Resp:	142175
Ion Ratio		Lower	Upper
276	100		
138	23.9	8.5	12.7#
277	22.4	18.6	28.0

Manual Integrations
APPROVED

Sohil
4/26/2018 6:21:18 PM

