

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
 Data File : BM024698.D
 Acq On : 03 Feb 2020 14:34
 Operator : CG/JU
 Sample : L1343-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NW-SP

Manual Integrations
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Quant Time: Feb 04 03:26:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	208992	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	756579	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	508488	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1173070	20.00	ng	-0.02
76) Chrysene-d12	21.03	240	1232780	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1451750	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1346694	122.54	ng	-0.01
7) Phenol-d6	6.62	99	1684456	111.27	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1089165	70.60	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	993993	120.17	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	2948824	78.84	ng	-0.02
79) Terphenyl-d14	19.49	244	5402527	81.82	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.54	163	84265	2.049	ng	Qvalue 100
71) Phenanthrene	16.87	178	220346	3.469	ng	98
75) Fluoranthene	18.89	202	623385	7.863	ng	98
78) Pyrene	19.26	202	464479	5.715	ng	99
83) Chrysene	21.07	228	181811	2.227	ng	98
88) Benzo(b)fluoranthene	22.53	252	258478m	2.745	ng	

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

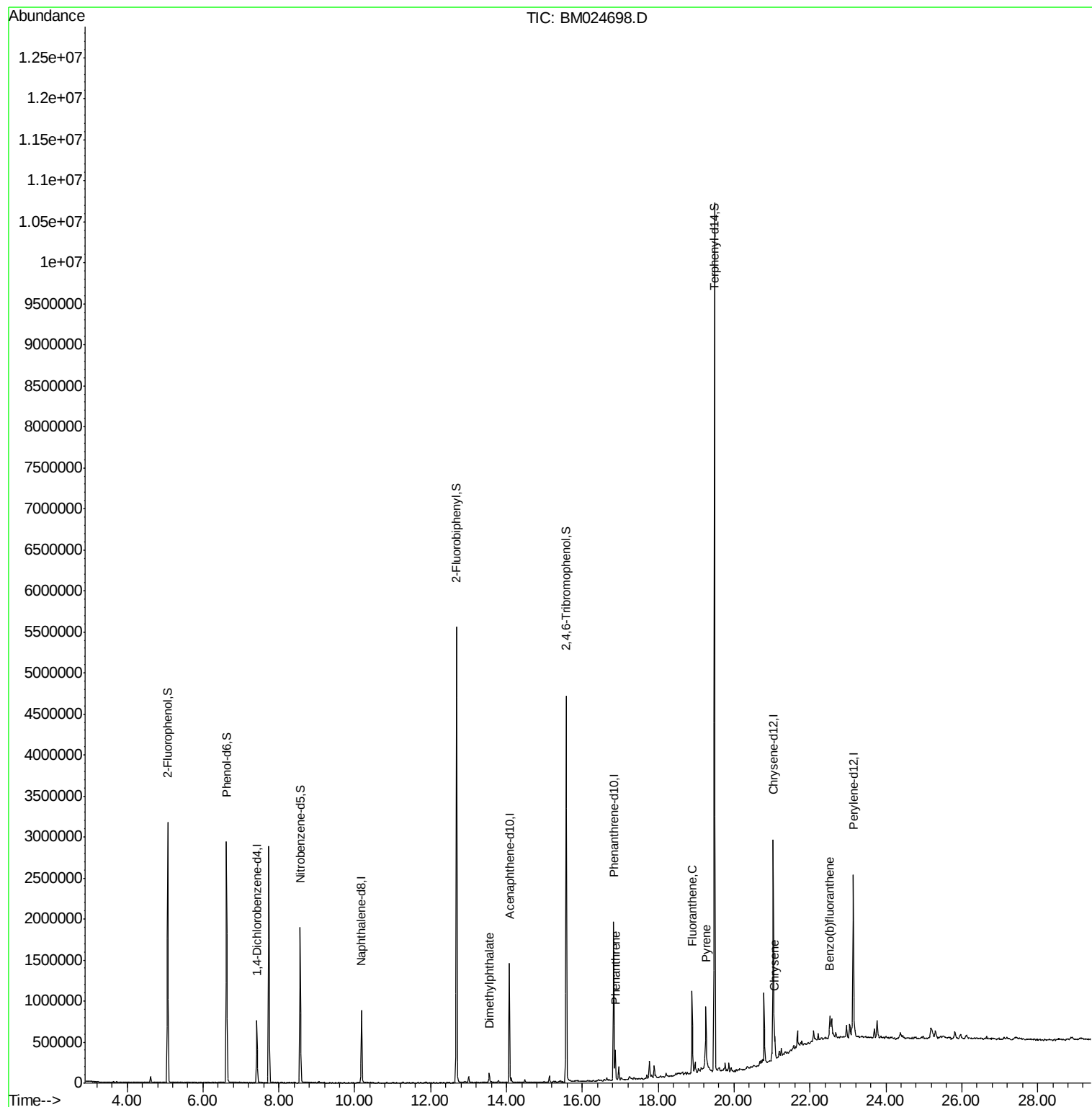
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
Data File : BM024698.D
Acq On : 03 Feb 2020 14:34
Operator : CG/JU
Sample : L1343-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

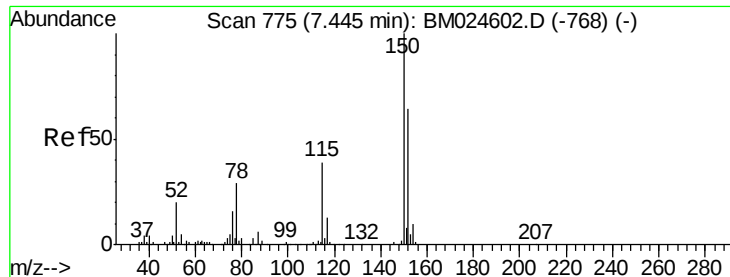
Instrument :
BNA_M
ClientSampleId :
NW-SP

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Quant Time: Feb 04 03:26:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

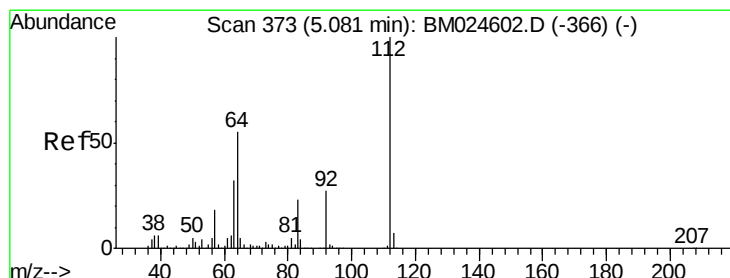
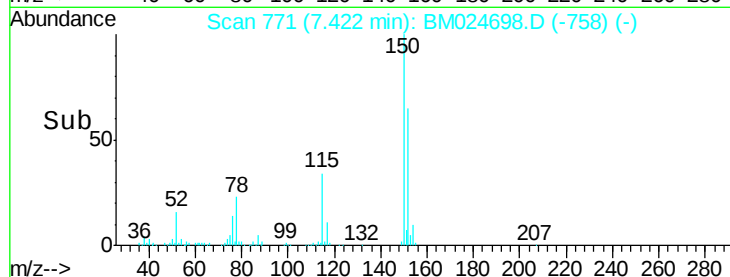
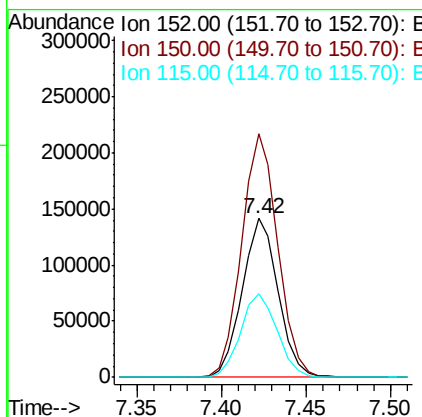
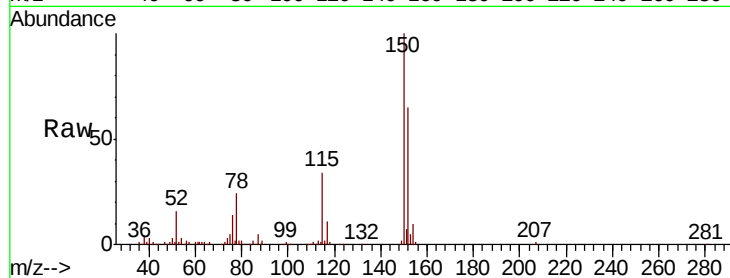
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Instrument :
BNA_M
ClientSampled :
NW-SP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.2	186.4
115	52.5	48.6	72.8

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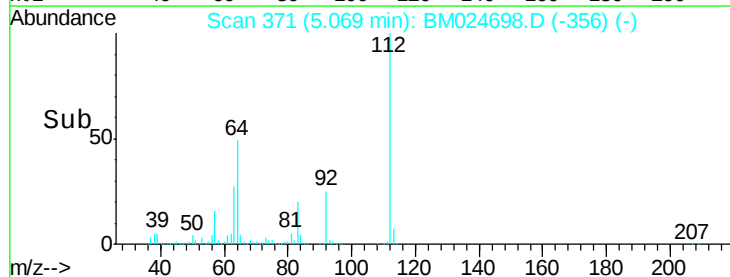
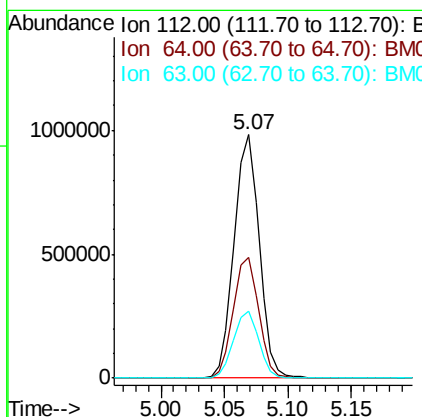
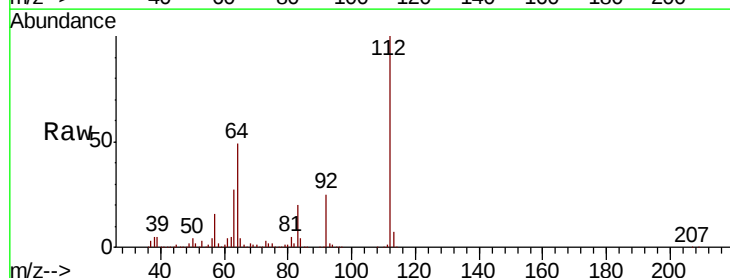
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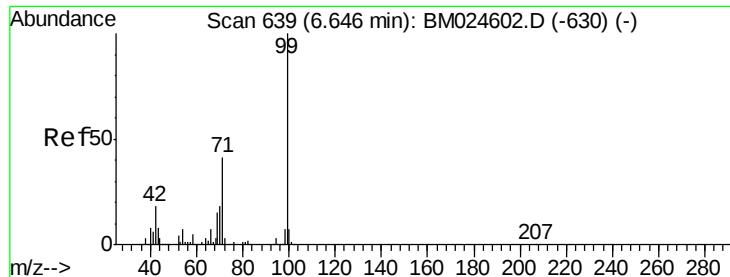


#5

2-Fluorophenol
Concen: 122.545 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.4	44.2	66.4
63	27.5	25.9	38.9





#7

Phenol-d6

Concen: 111.268 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM024698.D

Acq: 03 Feb 2020 14:34

Instrument :

BNA_M

ClientSampled :

NW-SP

Tot Ion: 99 Resp: 1684456

Ion Ratio Lower Upper

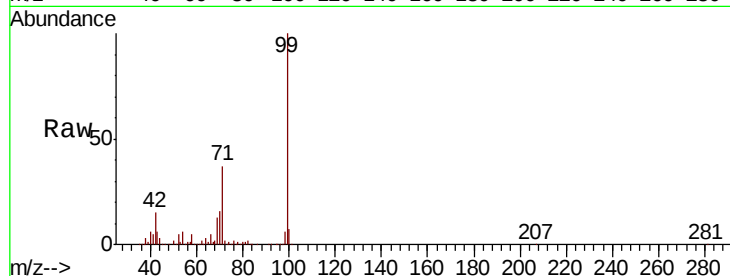
99 100

42 15.3 14.1 21.1

71 37.4 33.0 49.6

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Abundance Ion 99.00 (98.70 to 99.70): BM024698.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024698.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024698.D (-622) (-)

6.62

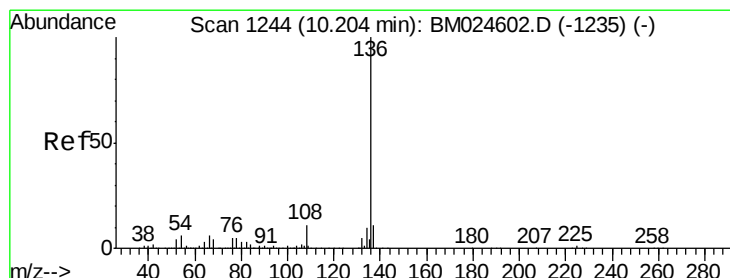
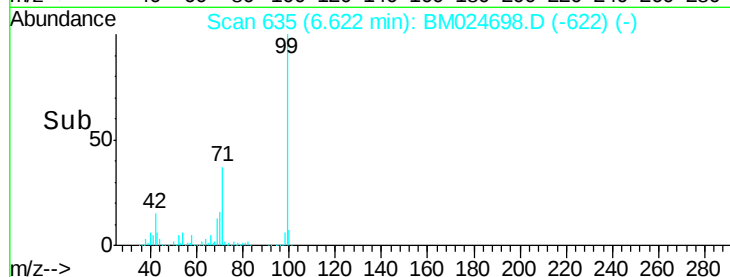
1000000

500000

0

6.55 6.60 6.65 6.70

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM024698.D

Acq: 03 Feb 2020 14:34

Tgt Ion: 136 Resp: 756579

Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 4.8 4.5 6.7

68 4.4 3.4 5.0

Abundance Ion 136.00 (135.70 to 136.70): BM024698.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024698.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024698.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024698.D (-1227) (-)

10.18

600000

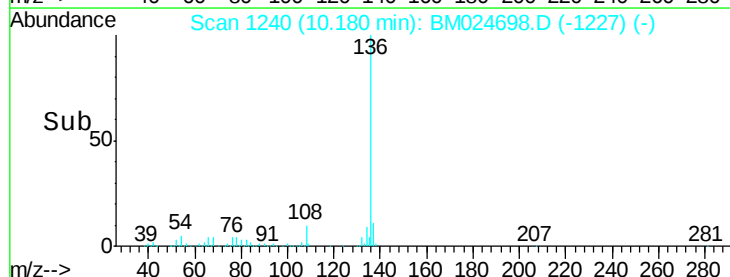
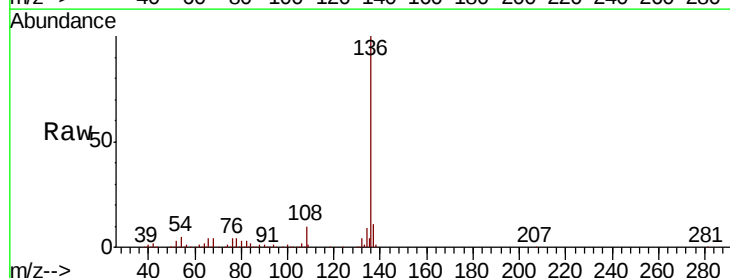
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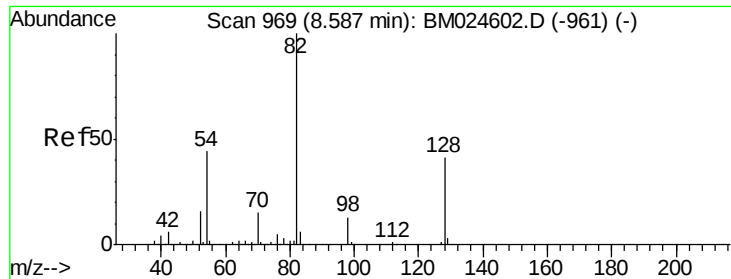
200000

0

10.10 10.20

Time-->





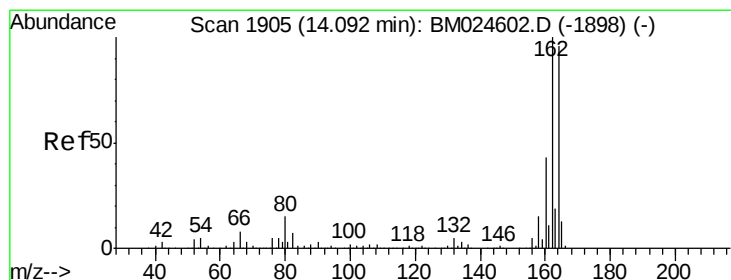
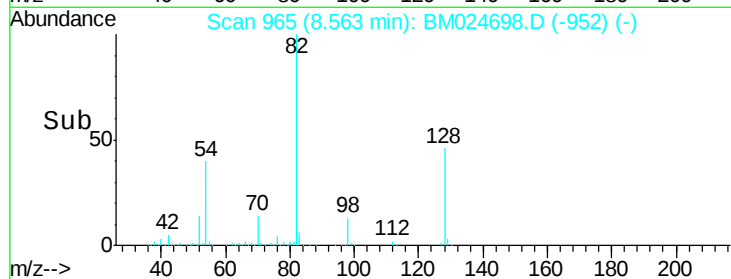
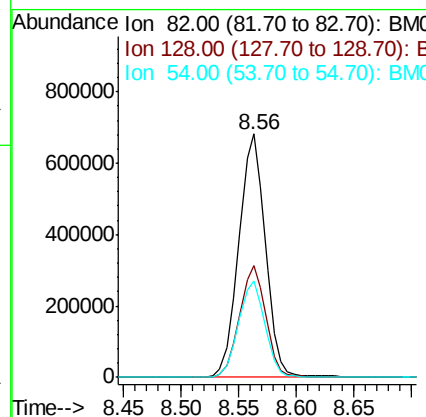
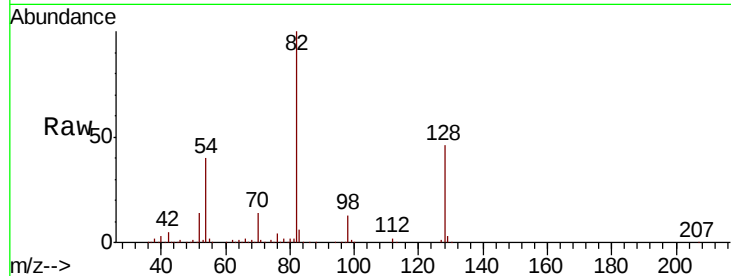
#23
 Nitrobenzene-d5
 Concen: 70.600 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024698.D
 Acq: 03 Feb 2020 14:34

Instrument :
 BNA_M
 ClientSampled :
 NW-SP

Tot Ion	82	Resp	1089165
Ion Ratio	100	Lower	Upper
128	45.9	32.6	48.8
54	39.6	34.8	52.2

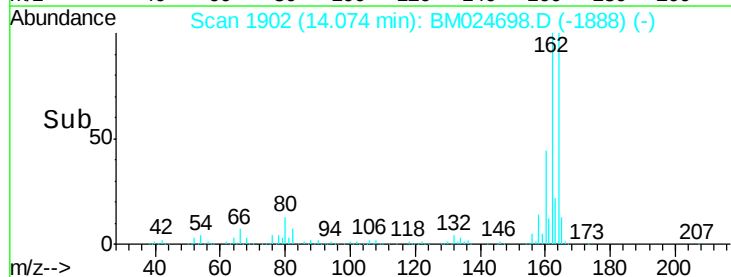
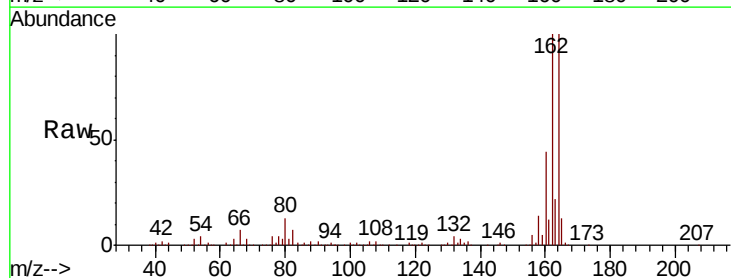
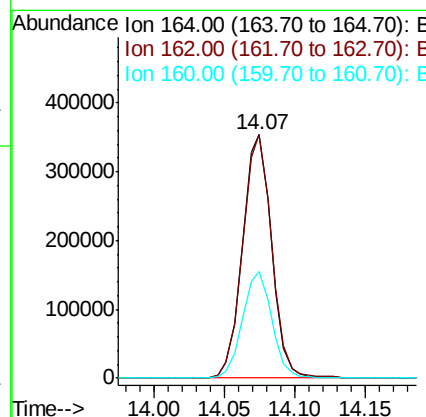
Manual Integrations
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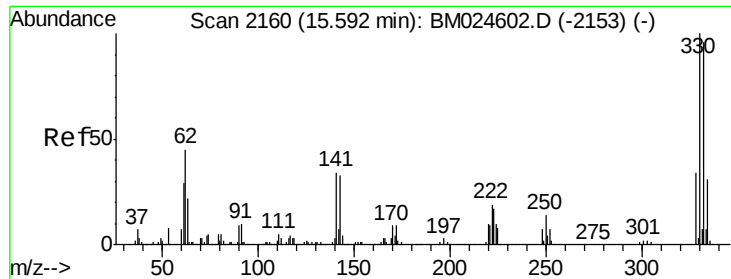
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BM024698.D
 Acq: 03 Feb 2020 14:34

Tgt Ion	164	Resp	508488
Ion Ratio	100	Lower	Upper
162	100.1	82.9	124.3
160	43.8	35.5	53.3





#42

2,4,6-Tribromophenol

Concen: 120.174 ng

RT: 15.57 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM024698.D

Acq: 03 Feb 2020 14:34

Instrument :

BNA_M

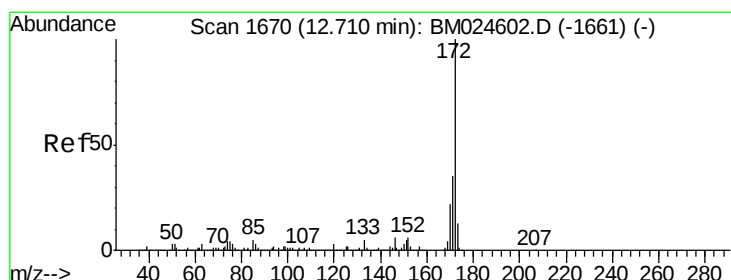
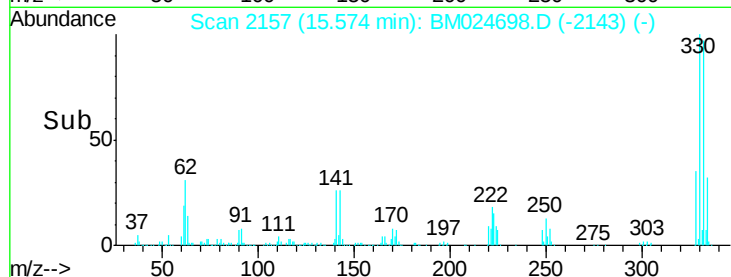
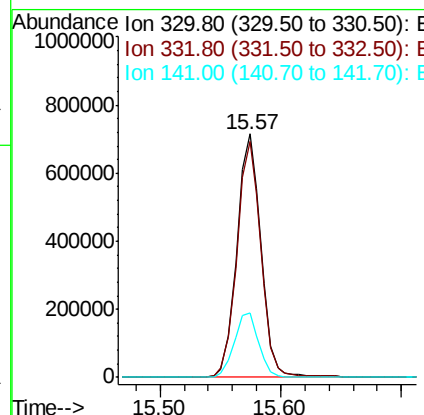
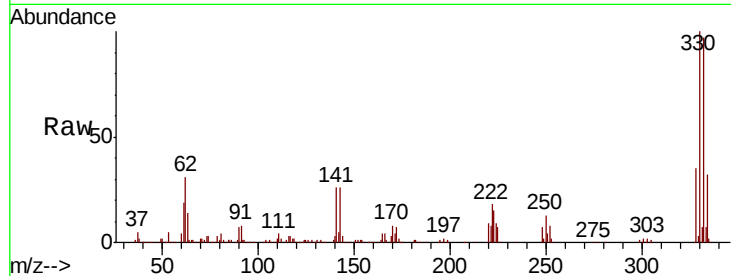
ClientSampleId :

NW-SP

Tot Ion:	330	Resp:	993993
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.2	115.8
141	27.0	26.9	40.3

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#45

2-Fluorobiphenyl

Concen: 78.840 ng

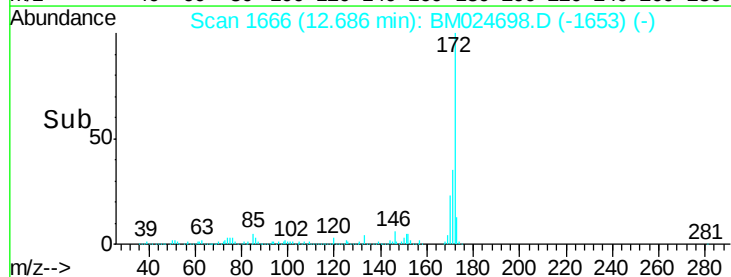
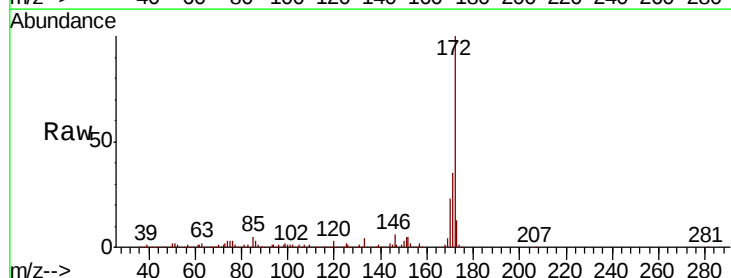
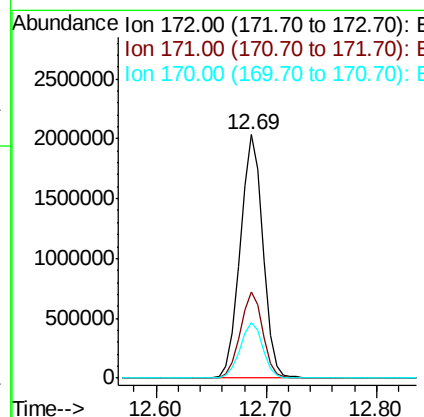
RT: 12.69 min Scan# 1666

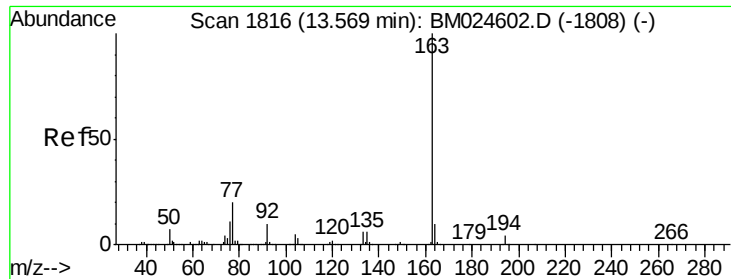
Delta R.T. -0.02 min

Lab File: BM024698.D

Acq: 03 Feb 2020 14:34

Tgt Ion:	172	Resp:	2948824
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.3	42.5
170	22.5	17.9	26.9





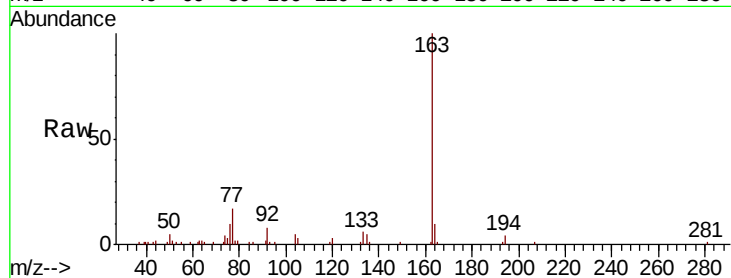
#50
Dimethylphthalate
Concen: 2.049 ng
RT: 13.54 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Instrument :
BNA_M
ClientSampled :
NW-SP

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.9	8.0	12.0

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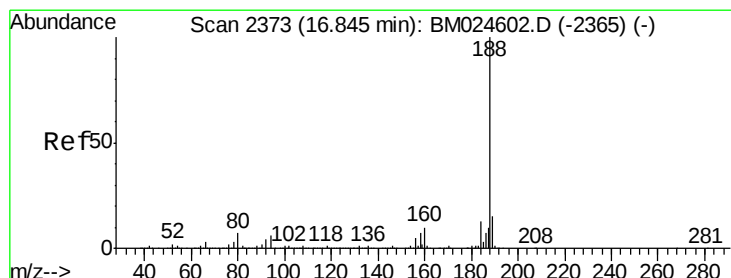
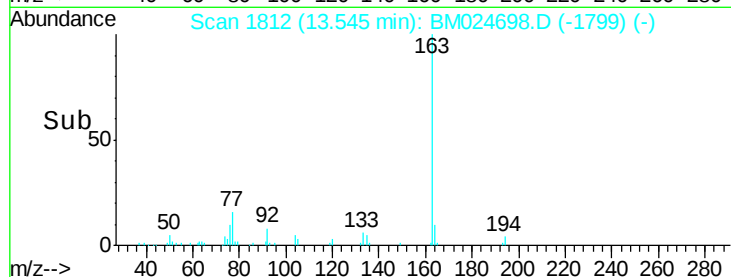
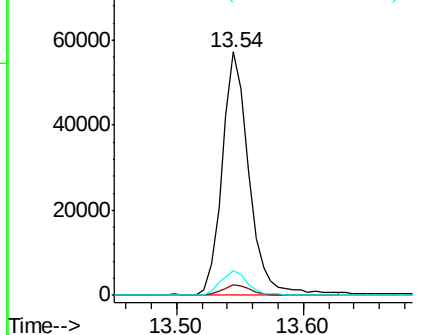


Abundance

Ion 163.00 (162.70 to 163.70): E

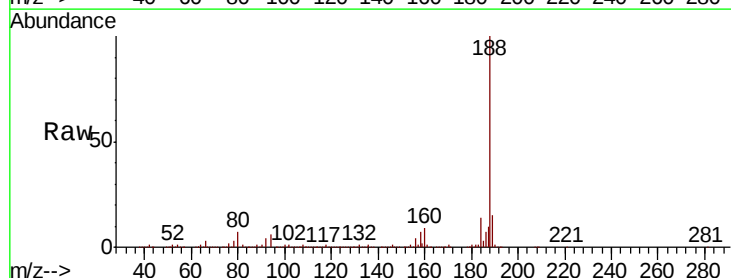
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.0	7.6
80	6.6	5.8	8.8

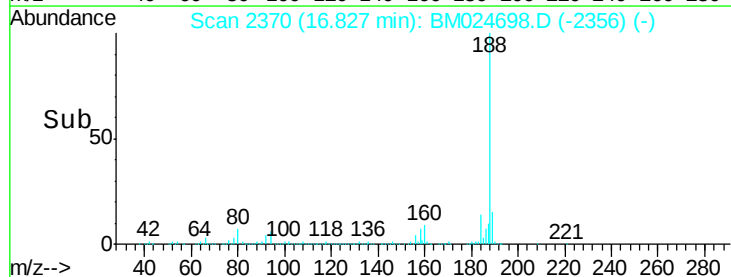
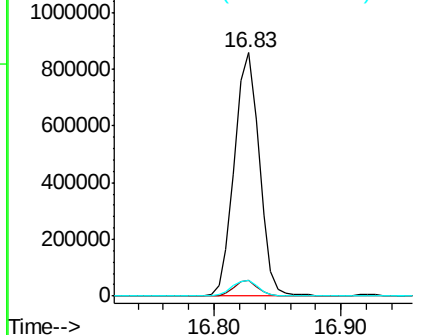


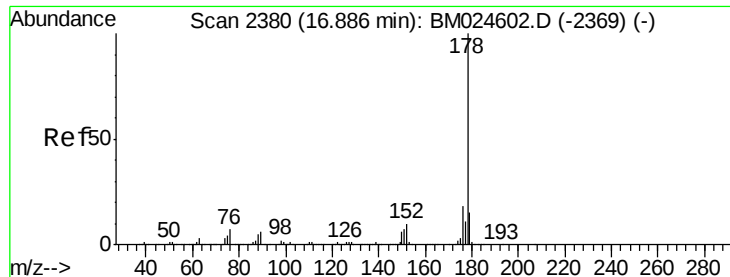
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





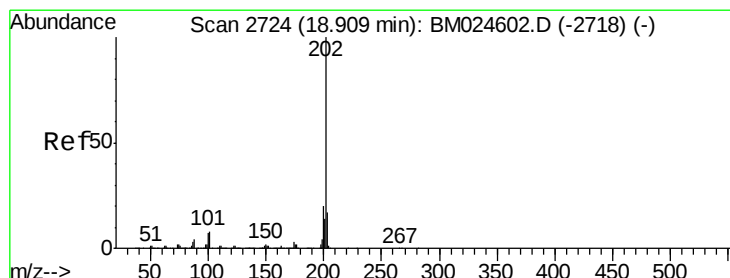
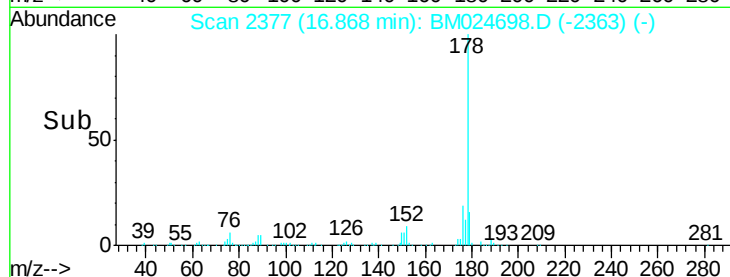
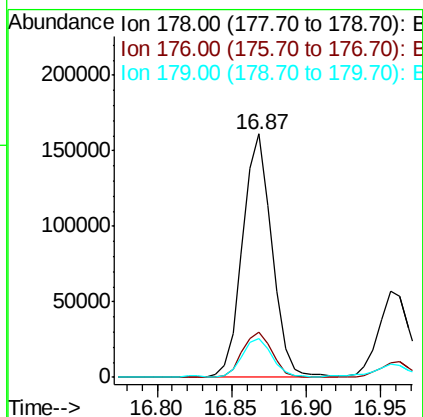
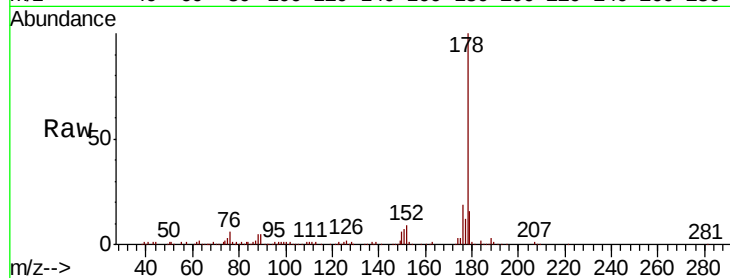
#71
Phenanthrene
Concen: 3.469 ng
RT: 16.87 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Instrument :
BNA_M
ClientSampleId :
NW-SP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.5	21.7
179	16.0	11.9	17.9

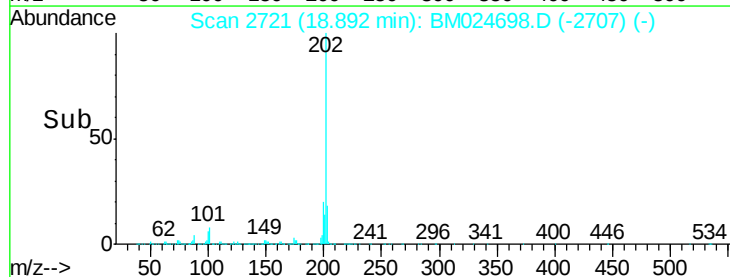
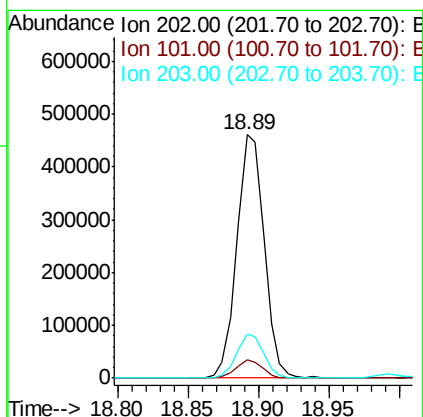
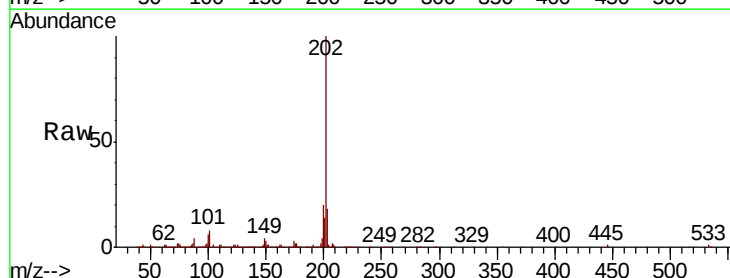
Manual Integrations
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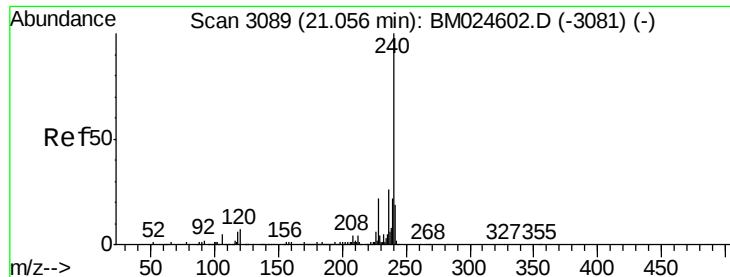
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#75
Fluoranthene
Concen: 7.863 ng
RT: 18.89 min Scan# 2721
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.4
203	18.0	0.0	37.5





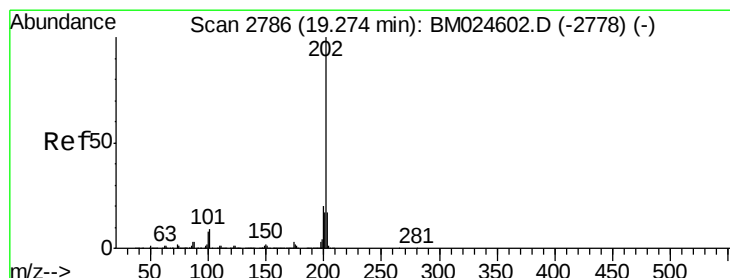
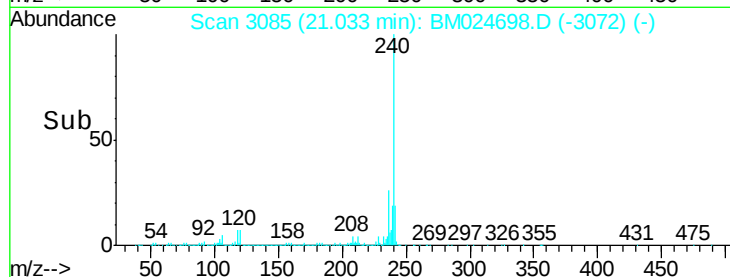
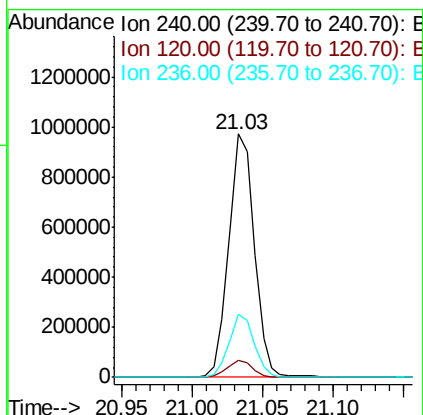
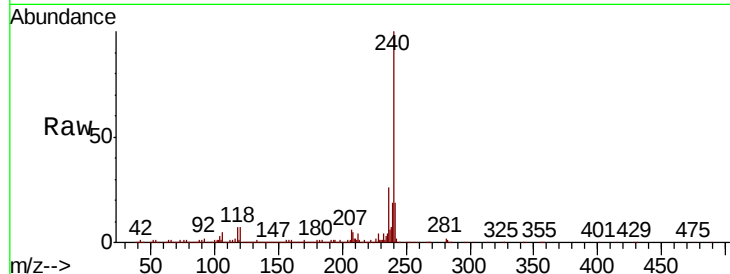
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3085
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Instrument :
BNA_M
ClientSampleId :
NW-SP

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	26.1	20.6	31.0

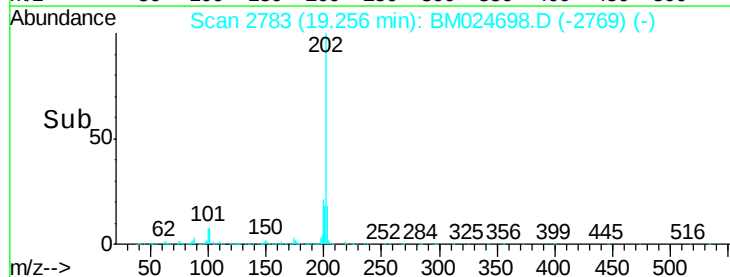
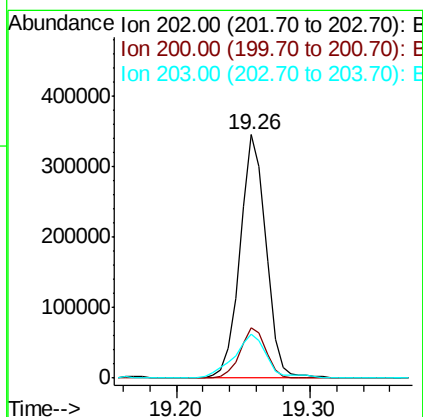
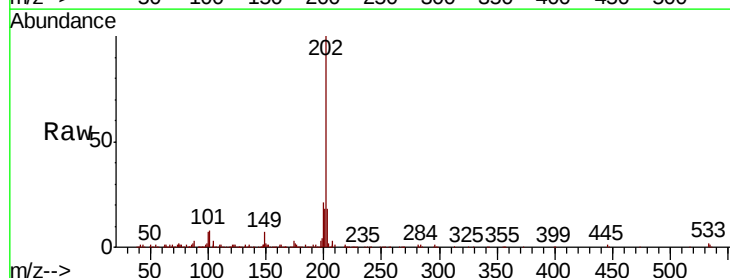
Manual Integrations
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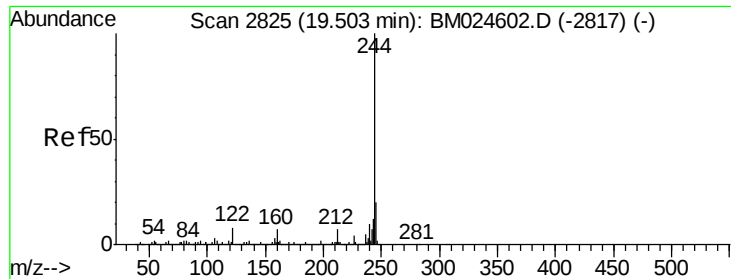
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#78
Pyrene
Concen: 5.715 ng
RT: 19.26 min Scan# 2783
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.2
203	18.3	14.0	21.0





#79

Terphenyl-d14

Concen: 81.815 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024698.D

Acq: 03 Feb 2020 14:34

Instrument :

BNA_M

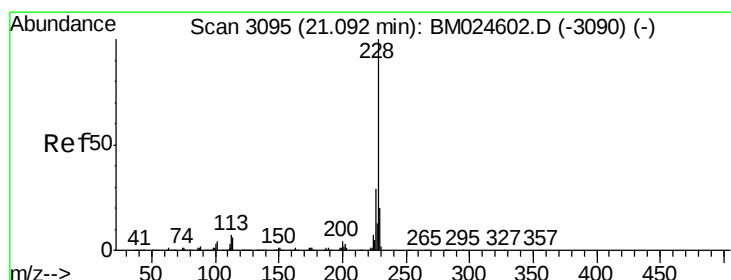
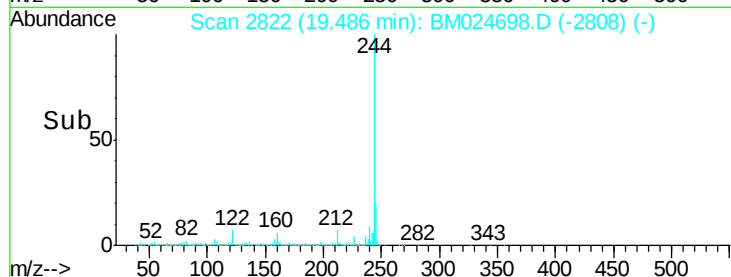
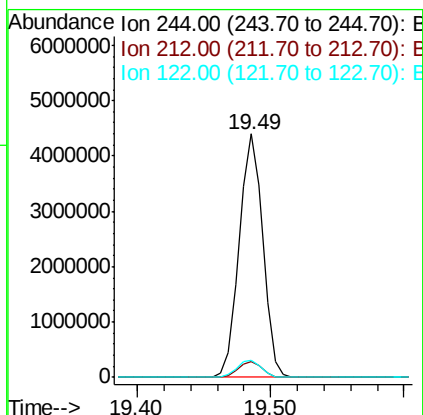
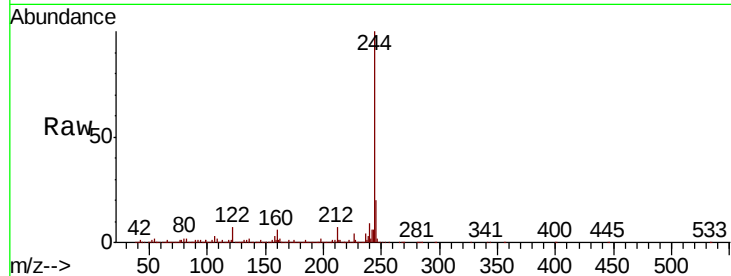
ClientSampled :

NW-SP

Tot Ion:	244	Resp:	5402527
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	7.0	6.2	9.4

Manual Integrations
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#83

Chrysene

Concen: 2.227 ng

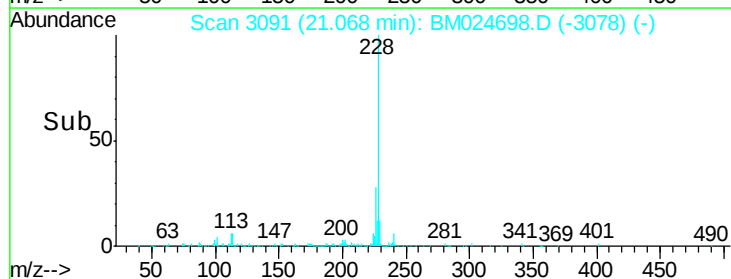
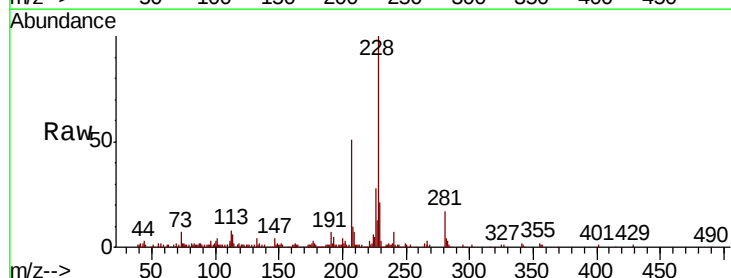
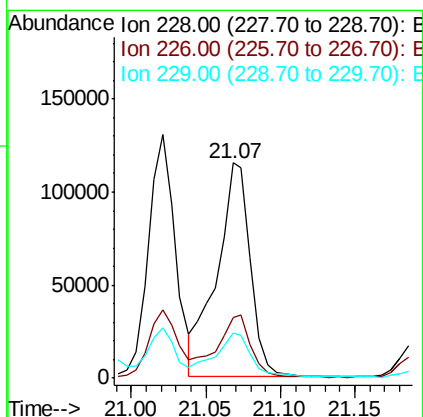
RT: 21.07 min Scan# 3091

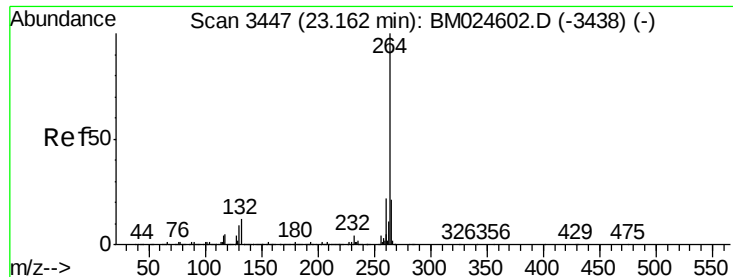
Delta R.T. -0.02 min

Lab File: BM024698.D

Acq: 03 Feb 2020 14:34

Tgt Ion:	228	Resp:	181811
Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.2	34.8
229	20.7	15.7	23.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.14 min Scan# 3444

Delta R.T. -0.02 min

Lab File: BM024698.D

Acq: 03 Feb 2020 14:34

Instrument :

BNA_M

ClientSampleId :

NW-SP

Tot Ion:264 Resp: 1451750

Ion Ratio Lower Upper

264 100

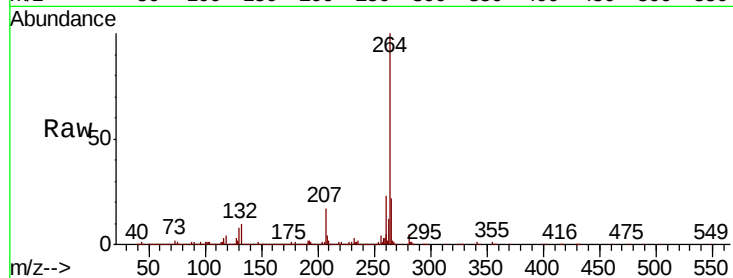
260 22.8 17.9 26.9

265 22.1 17.3 25.9

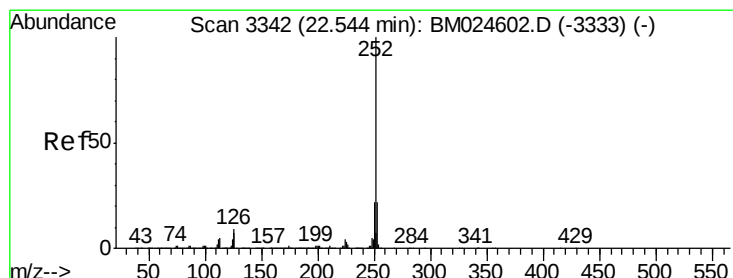
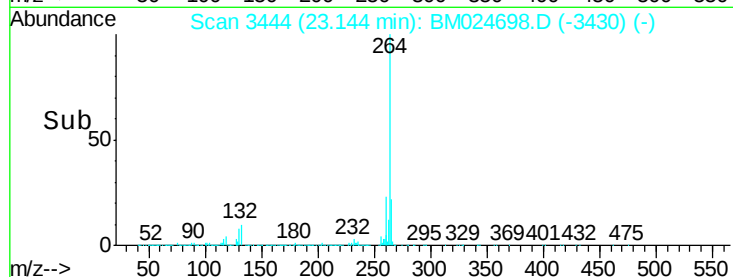
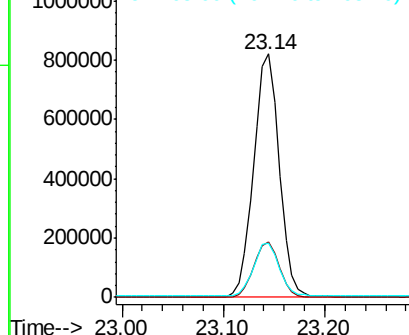
Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 2.745 ng m

RT: 22.53 min Scan# 3339

Delta R.T. -0.02 min

Lab File: BM024698.D

Acq: 03 Feb 2020 14:34

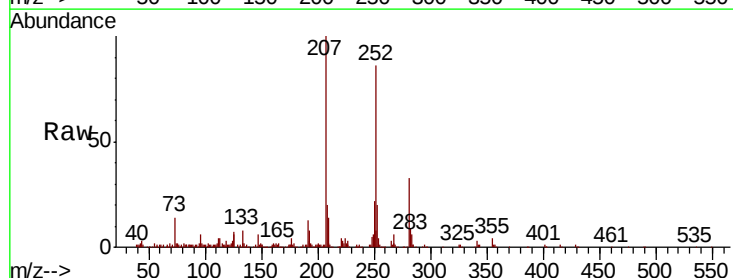
Tgt Ion:252 Resp: 258478

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

125 7.8 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

