Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024929.D
Acq On : 18 Feb 2020 14:22
Operator : CG/JU
Sample : L1486-07DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 19 03:42:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	310053	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1143122	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	689550	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1468758	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	1529284	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1623894	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	419	0.06	ng/uL	0.00
5) Phenol-d5	6.59	99	12375	0.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	41231	3.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	42299	2.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	22677	1.30	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	25545	3.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	24109	2.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	44257	2.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	383	0.02	ng/ul	-0.02
44) Dimethylphthalate-d6	13.46	166	178187	3.42	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	205266	3.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	520	0.06	ng/ul	0.04
58) Fluorene-d10	15.04	176	157602	3.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	14514	1.52	ng/ul	0.00
71) Anthracene-d10	16.89	188	237751	3.55	ng/ul	0.00
79) Pyrene-d10	19.20	212	263498	3.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	276050	3.38	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.20	128	14967205	256.259	ng/ul	97
30) 4-Chloroaniline	10.20	127	2032442	110.485	ng/ul#	9
34) 2-Methylnaphthalene	11.82	142	738829	17.173	ng/ul	99
35) 1-Methylnaphthalene	12.04	142	491214	11.448	ng/ul	98
41) 1,1'-Biphenyl	12.86	154	260410	5.116	ng/ul#	97
50) Acenaphthene	14.10	153	1314066	30.904	ng/ul	98
54) Dibenzofuran	14.44	168	1288051	20.321	ng/ul	100
59) Fluorene	15.09	166	316015	6.049	ng/ul	98
70) Phenanthrene	16.83	178	1237998	15.459	ng/ul	99
75) Carbazole	17.20	167	578222	8.546	ng/ul	100
77) Fluoranthene	18.86	202	197075	2.005	ng/ul#	96
80) Pyrene	19.23	202	107956	1.066	ng/ul#	96

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

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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Quant Title : SVOA CALIBRATION
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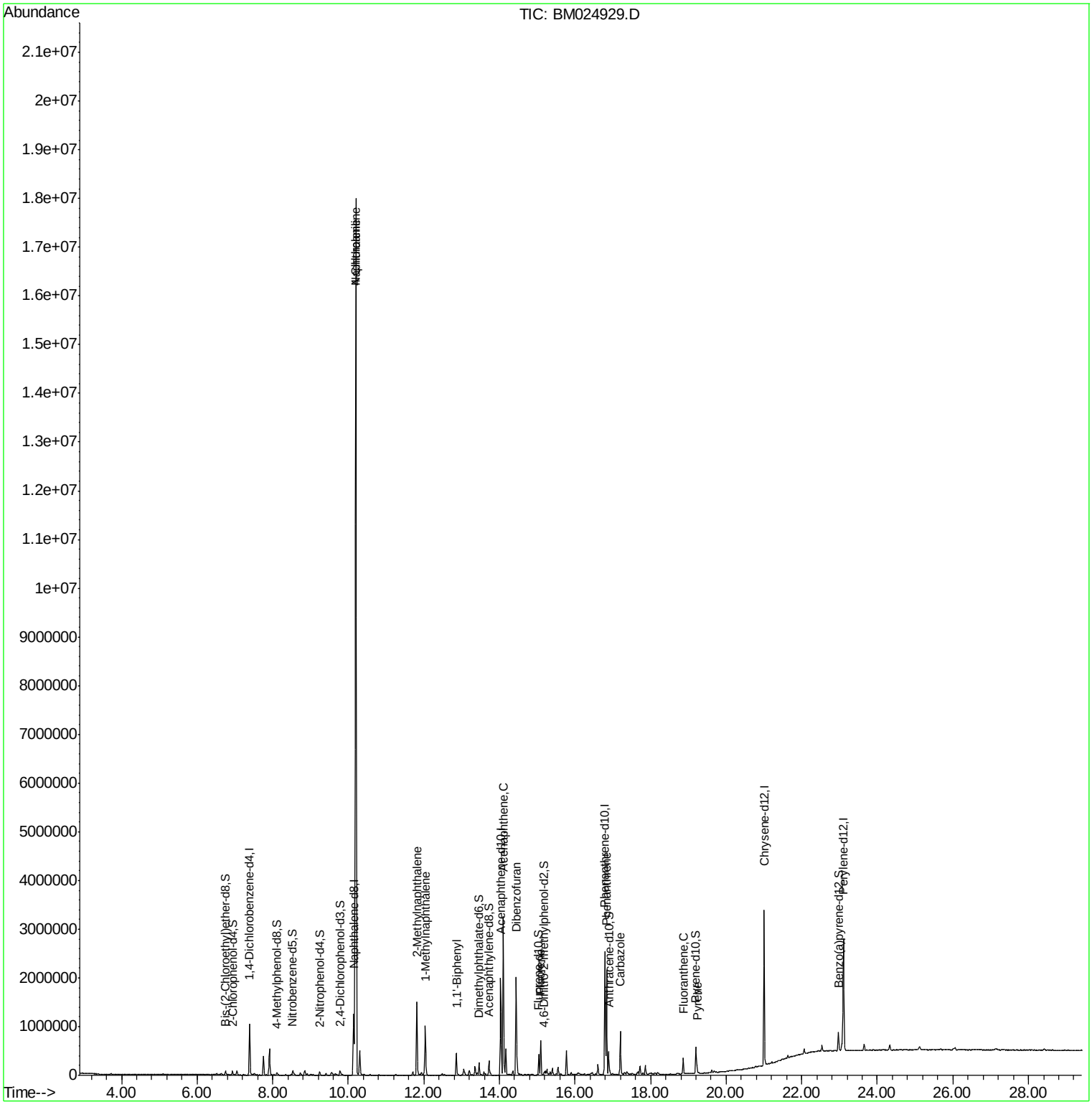
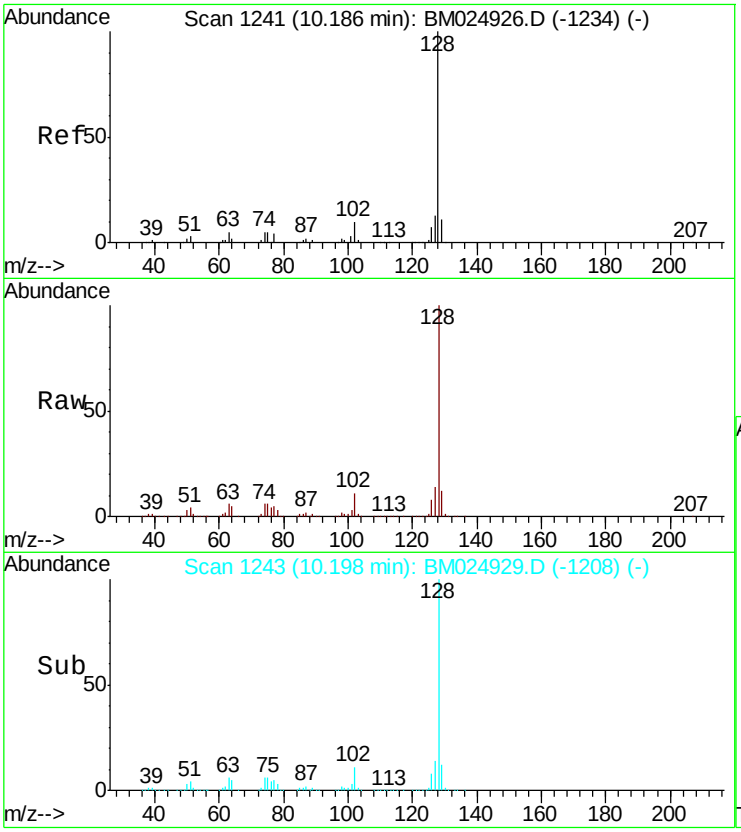


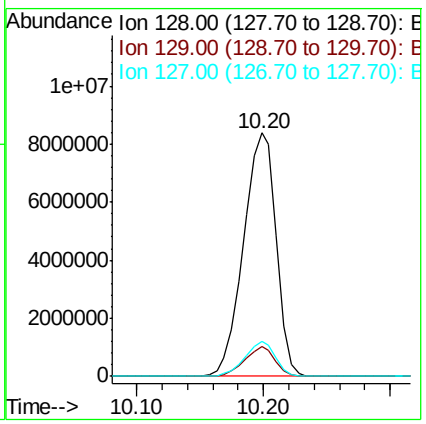


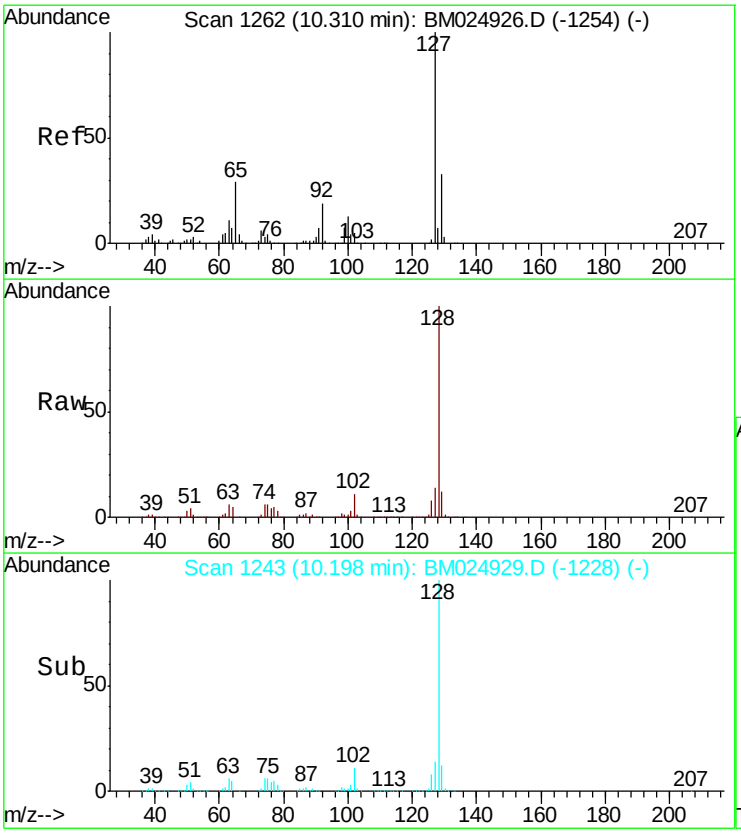
#28
Naphthalene
Concen: 256.259 ng/ul
RT: 10.20 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BM024929.D
Acq: 18 Feb 2020 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp:14967205

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	14.5	10.4	15.6

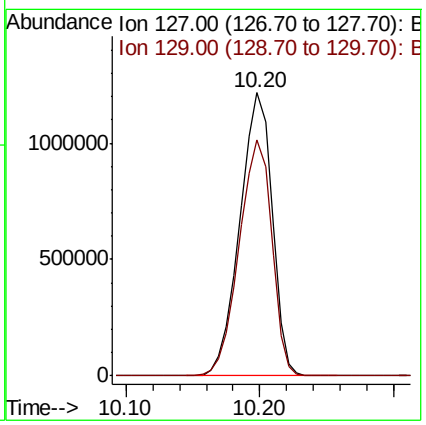


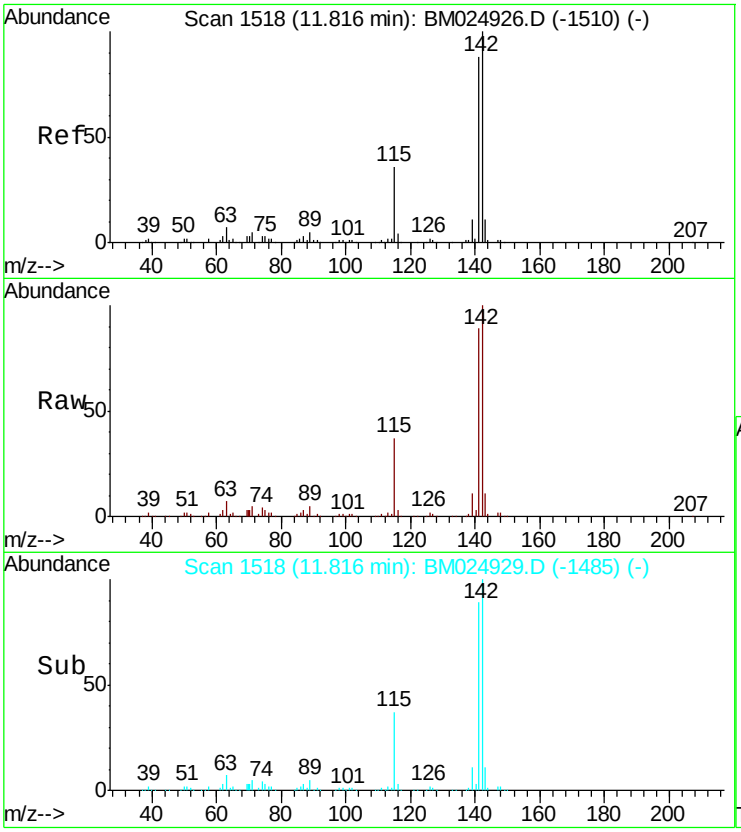


#30
4-Chloroaniline
Concen: 110.485 ng/ul
RT: 10.20 min Scan# 1243
Delta R.T. -0.11 min
Lab File: BM024929.D
Acq: 18 Feb 2020 14:22

Tgt Ion:127 Resp: 2032442

Ion	Ratio	Lower	Upper
127	100		
129	83.3	25.8	38.8#



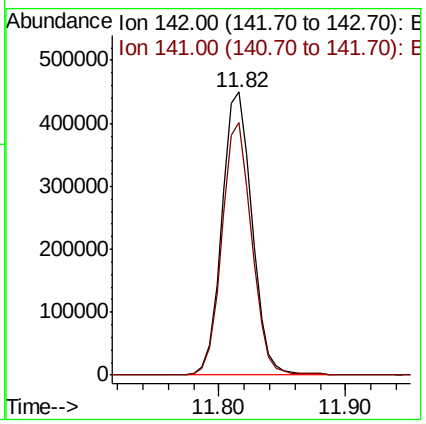


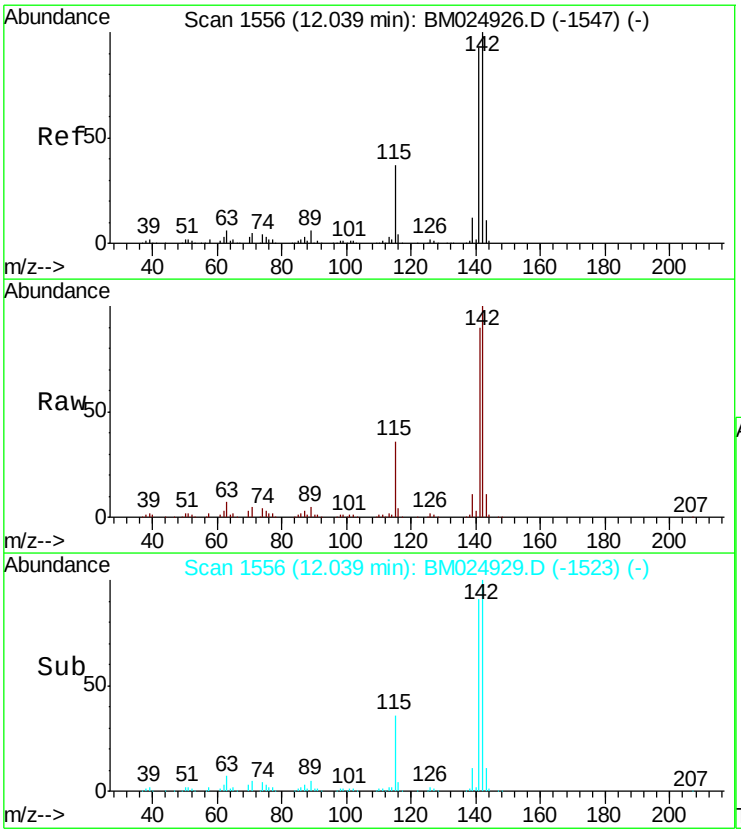
#34
2-Methylnaphthalene
Concen: 17.173 ng/ul
RT: 11.82 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BM024929.D
Acq: 18 Feb 2020 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 738829

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.5	105.7

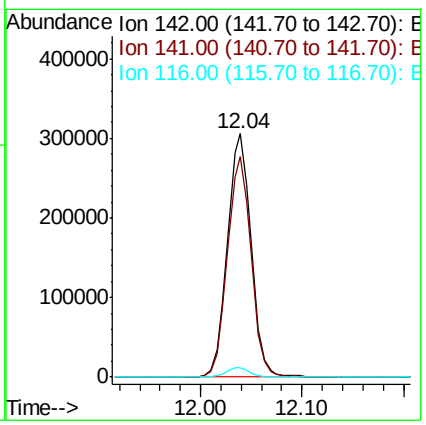


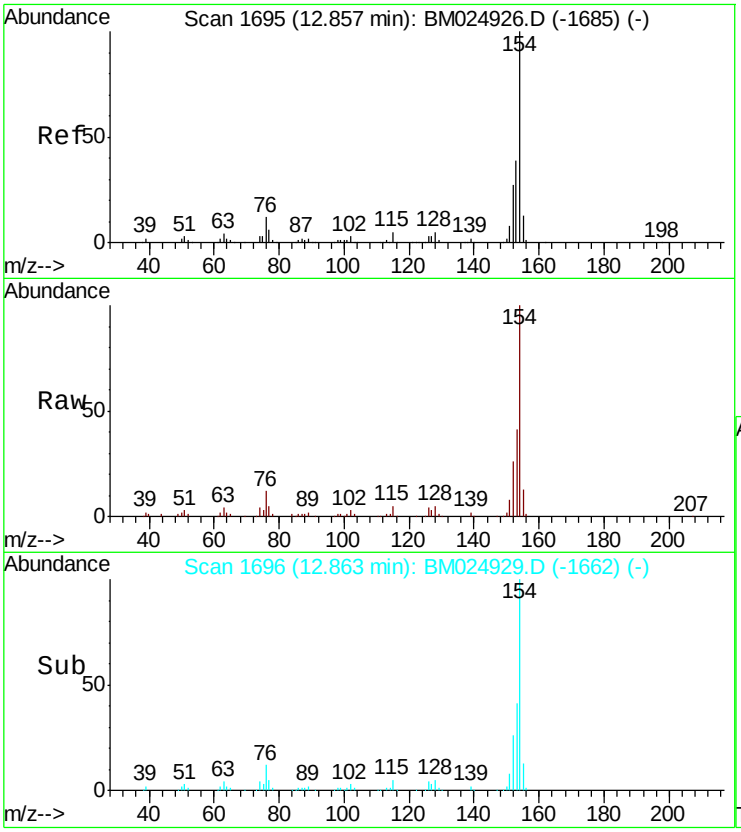


#35
1-Methylnaphthalene
Concen: 11.448 ng/ul
RT: 12.04 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM024929.D
Acq: 18 Feb 2020 14:22

Tgt Ion:142 Resp: 491214

Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.1	111.1
116	3.6	3.0	4.4



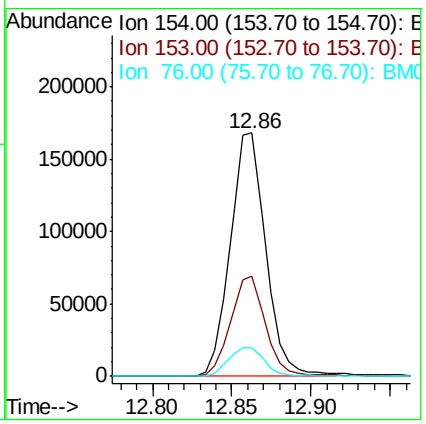


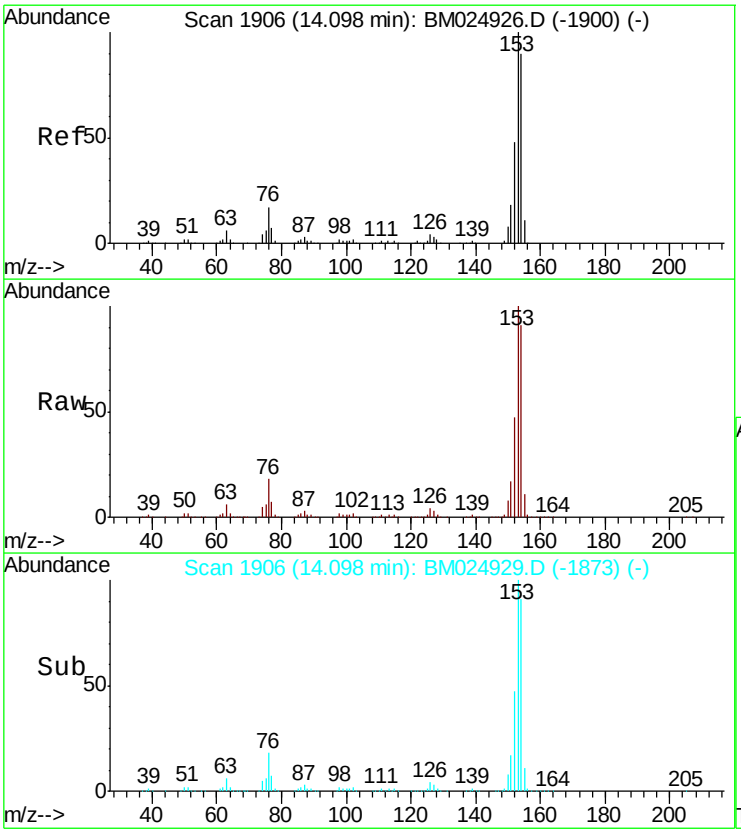
#41
1,1'-Biphenyl
Concen: 5.116 ng/ul
RT: 12.86 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM024929.D
Acq: 18 Feb 2020 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 260410

Ion	Ratio	Lower	Upper
154	100		
153	41.0	31.4	47.2
76	11.5	7.5	11.3#

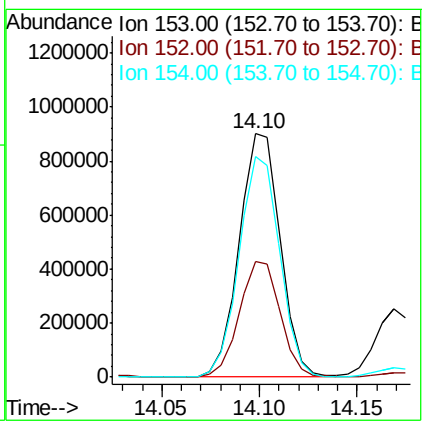


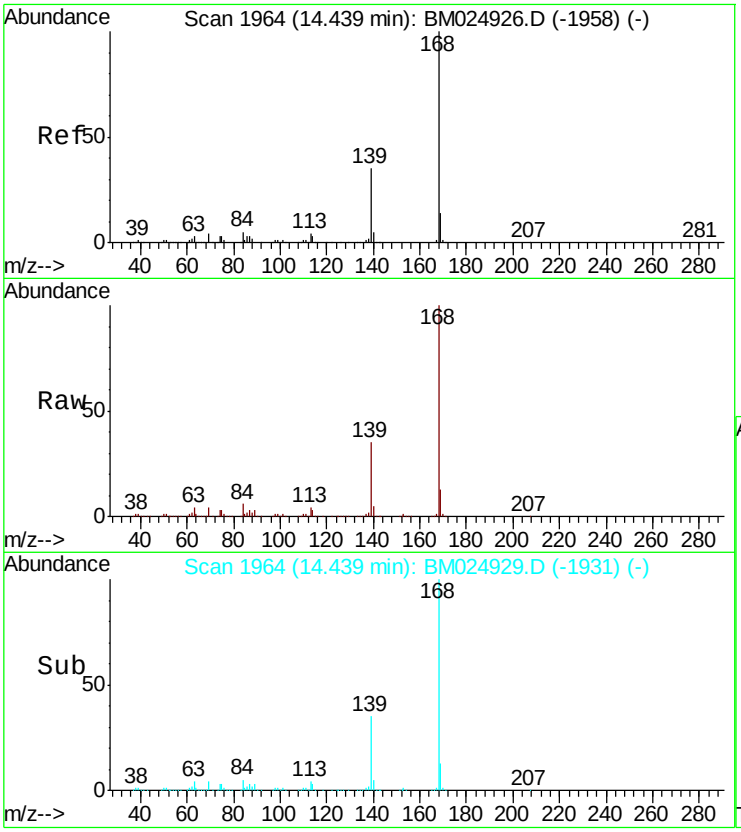


#50
Acenaphthene
Concen: 30.904 ng/ul
RT: 14.10 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM024929.D
Acq: 18 Feb 2020 14:22

Tgt Ion:153 Resp: 1314066

Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.3	55.9
154	90.6	74.1	111.1



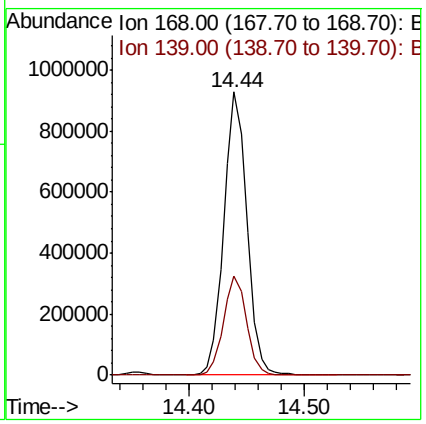


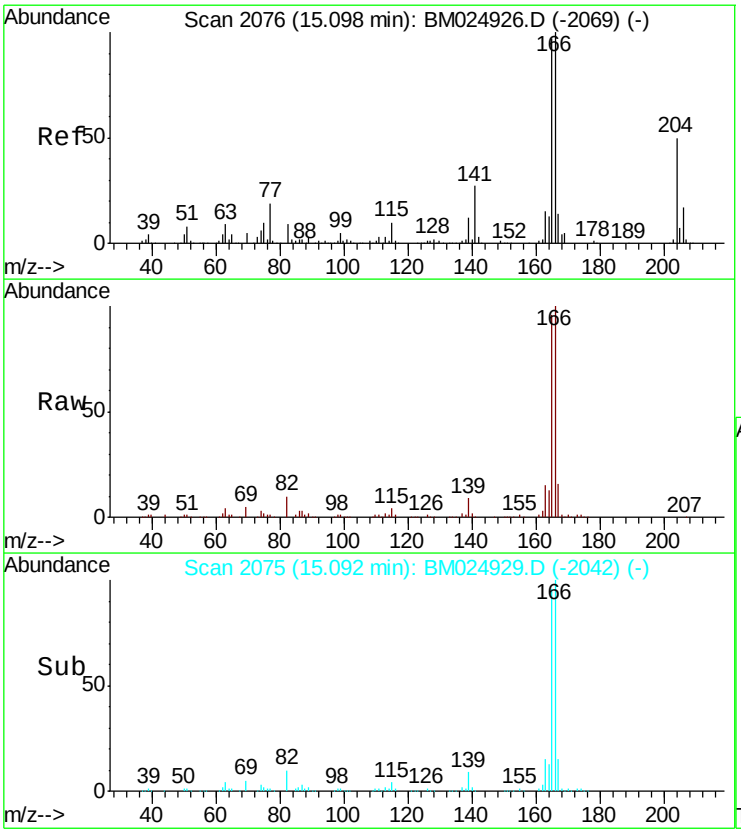
#54
Dibenzofuran
Concen: 20.321 ng/ul
RT: 14.44 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM024929.D
Acq: 18 Feb 2020 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 1288051

Ion	Ratio	Lower	Upper
168	100		
139	35.0	27.8	41.8

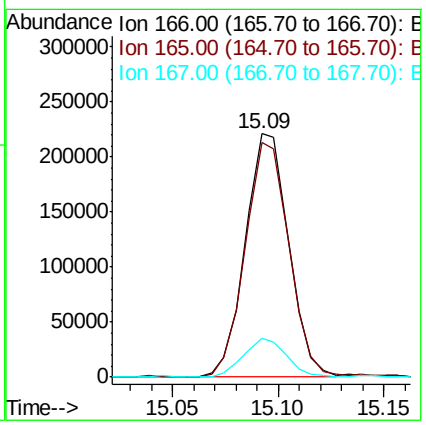


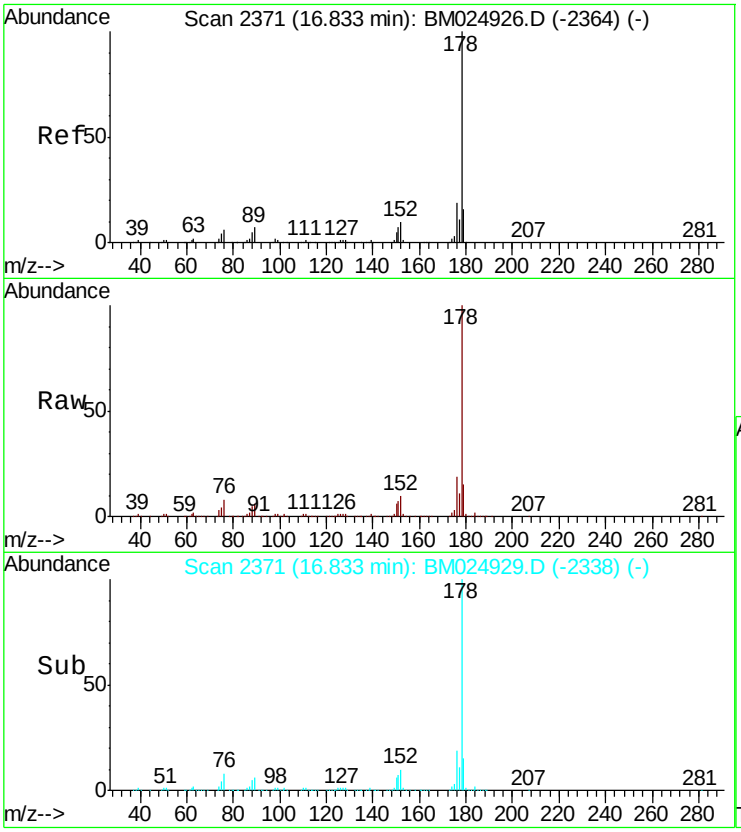


#59
Fluorene
Concen: 6.049 ng/ul
RT: 15.09 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BM024929.D
Acq: 18 Feb 2020 14:22

Tgt Ion:166 Resp: 316015

Ion	Ratio	Lower	Upper
166	100		
165	96.4	75.8	113.8
167	15.9	10.6	16.0



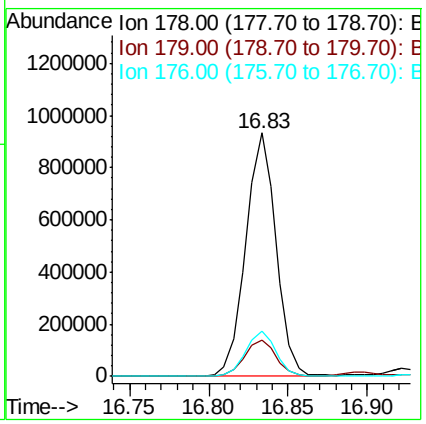


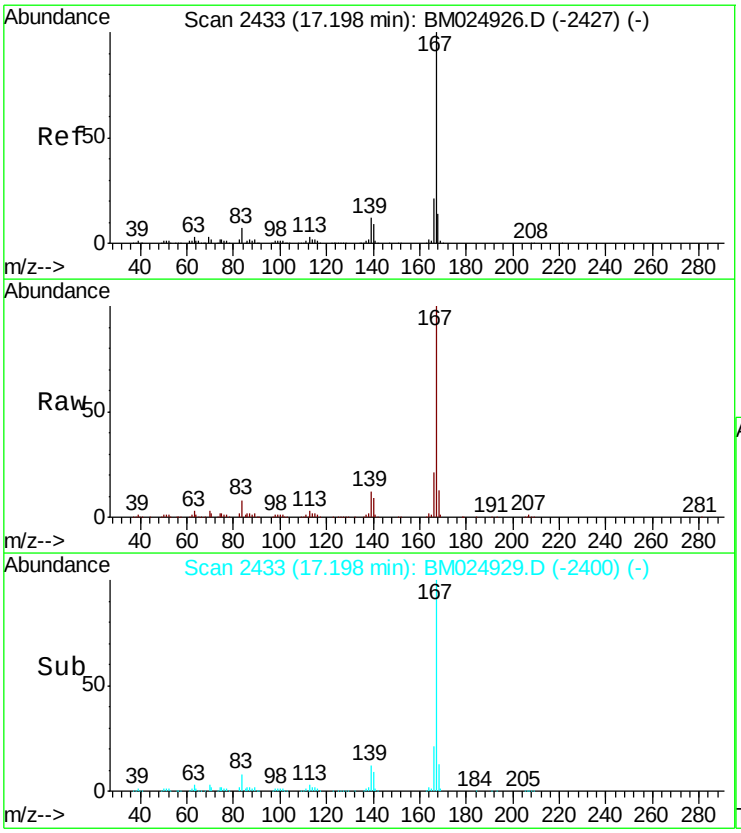
#70
Phenanthrene
Concen: 15.459 ng/ul
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024929.D
Acq: 18 Feb 2020 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1237998

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.7	14.5	21.7

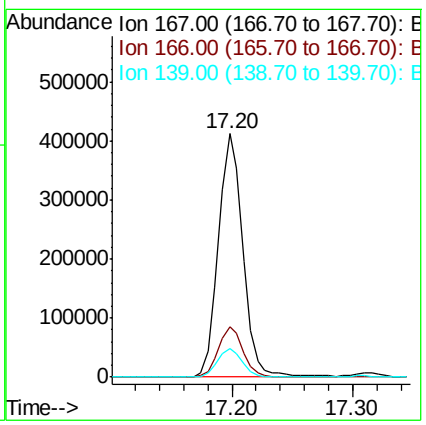


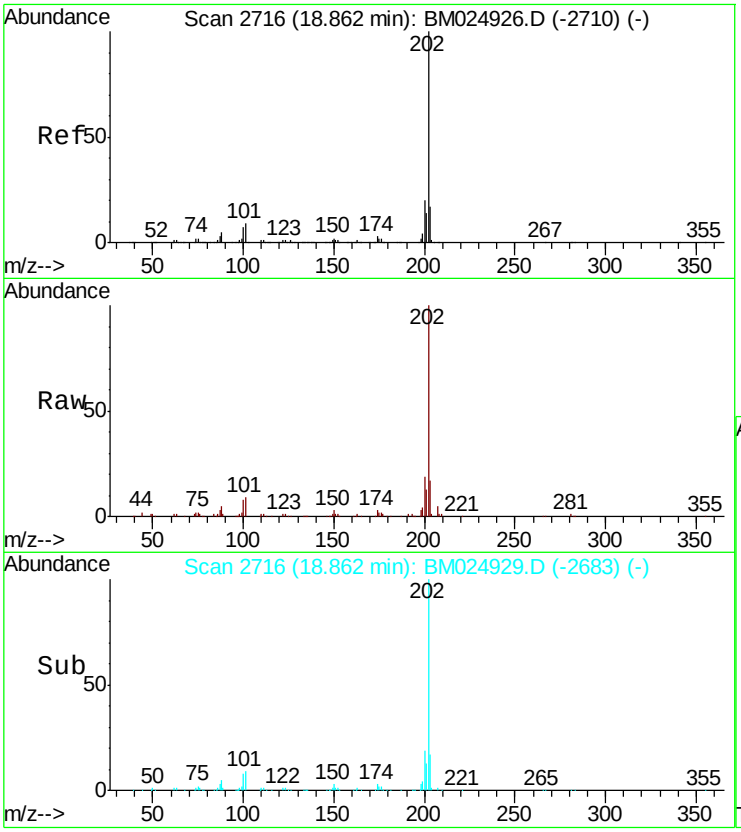


#75
Carbazole
Concen: 8.546 ng/ul
RT: 17.20 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BM024929.D
Acq: 18 Feb 2020 14:22

Tgt Ion:167 Resp: 578222

Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.6	24.8
139	12.0	9.3	13.9



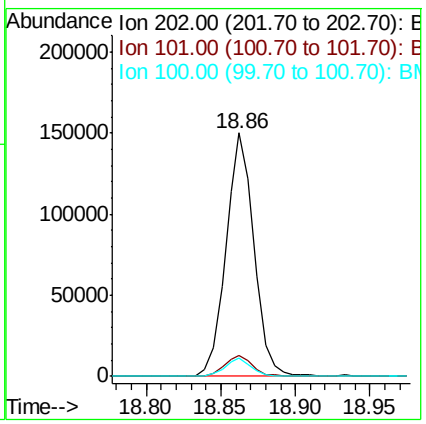


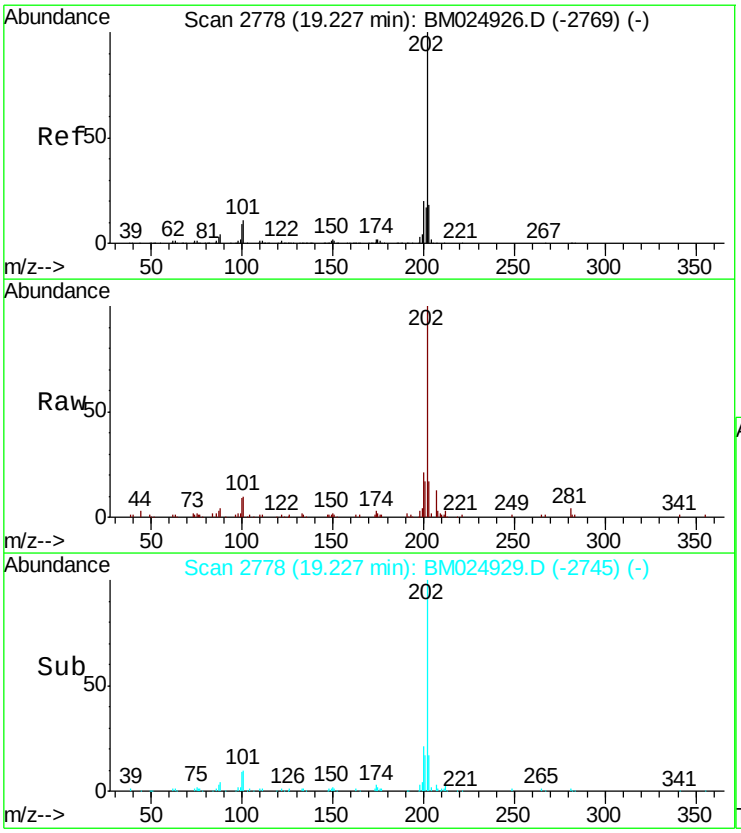
#77
Fluoranthene
Concen: 2.005 ng/ul
RT: 18.86 min Scan# 2716
Delta R.T. -0.01 min
Lab File: BM024929.D
Acq: 18 Feb 2020 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 197075

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.1	9.1
100	7.6	4.8	7.2#





#80
Pyrene
Concen: 1.066 ng/ul
RT: 19.23 min Scan# 2778
Delta R.T. -0.01 min
Lab File: BM024929.D
Acq: 18 Feb 2020 14:22

Tgt Ion:202 Resp: 107956

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.0	10.4
100	9.3	5.8	8.8#