Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004543.D
Acq On : 03 Mar 2016 22:01
Operator : SJ/UM
Sample : H1616-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLDG06-P001-SS001-02

Manual Integrations APPROVED
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Quant Time: Mar 04 10:17:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	31128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	126671	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.27	164	60091	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.03	188	111669	20.00	ng/ul	0.02
78) Chrysene-d12	21.28	240	168639	20.00	ng/ul	0.06
86) Perylene-d12	23.59	264	87271m	20.00	ng/ul	0.16
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	1250	2.16	ng/uL	0.00
5) Phenol-d5	6.80	99	37933	15.12	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.94	67	19755	15.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	37115	16.60	ng/ul	0.01
13) 4-Methylphenol-d8	8.33	113	32314	14.62	ng/ul	0.01
19) Nitrobenzene-d5	8.76	128	18498	19.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	20978	19.36	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.03	165	31609	16.12	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.68	166	96833	19.37	ng/ul	0.01
47) Acenaphthylene-d8	13.96	160	115852	19.17	ng/ul	0.01
52) 4-Nitrophenol-d4	14.55	143	5831	7.91	ng/ul	0.04
58) Fluorene-d10	15.27	176	76843	17.72	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	4589	6.33	ng/ul	0.02
71) Anthracene-d10	17.12	188	91754	16.79	ng/ul	0.01
79) Pyrene-d10	19.46	212	79252	8.74	ng/ul	0.04
90) Benzo(a)pyrene-d12	23.47	264	42665	9.19	ng/ul	0.18
Target Compounds						Qvalue
14) Acetophenone	8.43	105	33189	9.51	ng/ul	93
28) Naphthalene	10.44	128	688524	98.82	ng/ul	100
34) 2-Methylnaphthalene	12.06	142	7597	1.46	ng/ul	97
45) Dimethylphthalate	13.73	163	42779	8.14	ng/ul	99
48) Acenaphthylene	13.99	152	7700	1.19	ng/ul#	54
50) Acenaphthene	14.33	153	5424	1.22	ng/ul	95
54) Dibenzofuran	14.67	168	18141	2.92	ng/ul#	70
70) Phenanthrene	17.07	178	29520	4.41	ng/ul#	93
72) Anthracene	17.16	178	8552	1.26	ng/ul#	77

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

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Manual Integrations APPROVED
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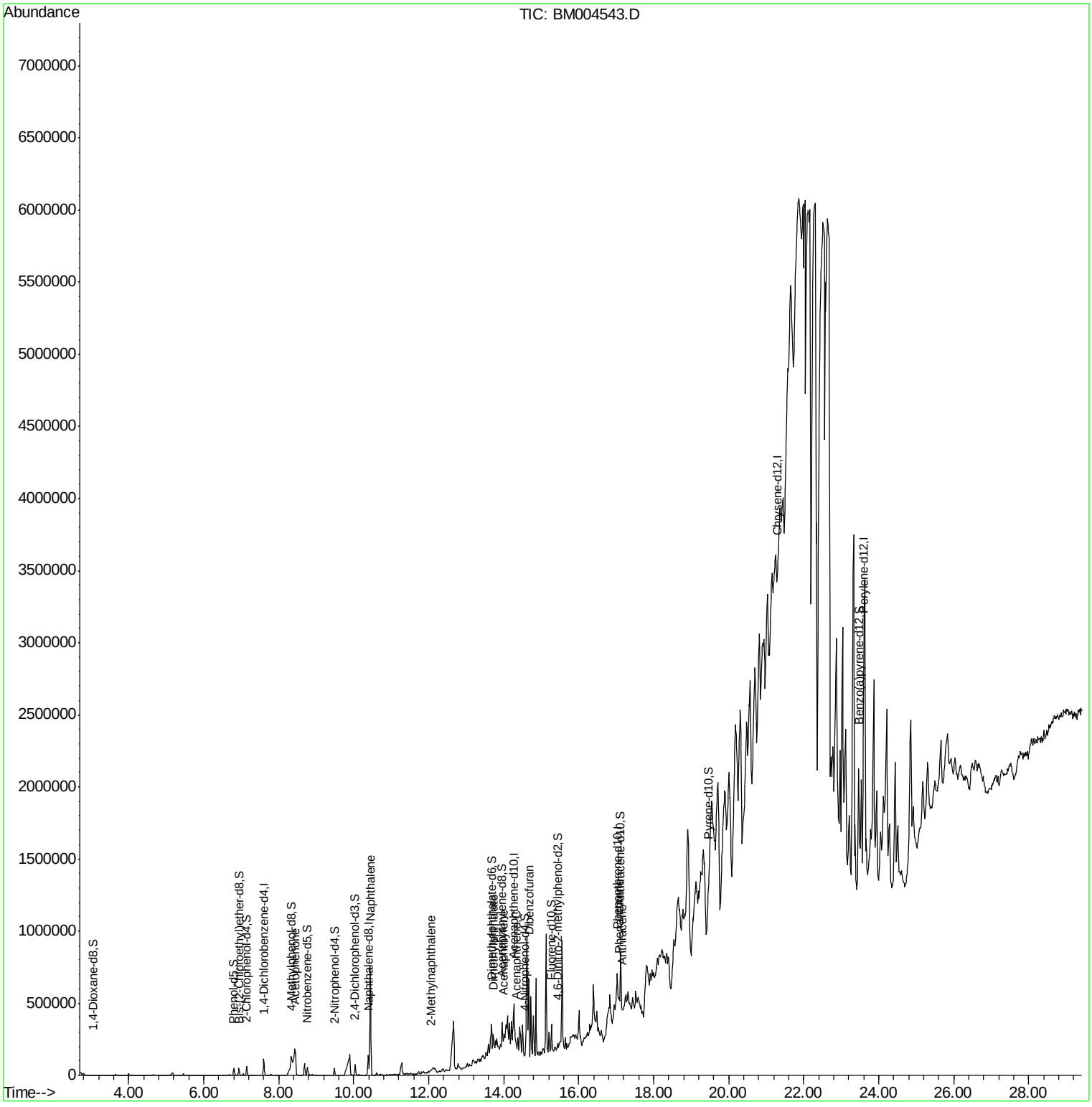
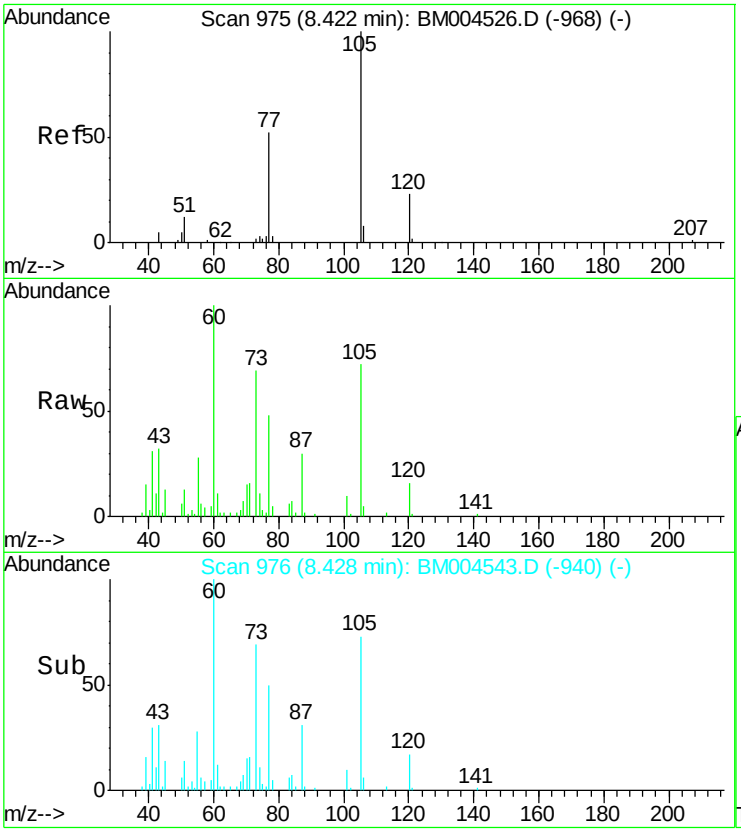
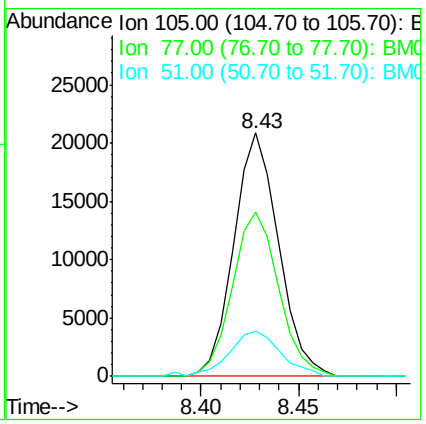




#14
Acetophenone
Concen: 9.51 ng/ul
RT: 8.43 min Scan# 976
Delta R.T. 0.01 min
Lab File: BM004543.D
Acq: 03 Mar 2016 22:01

Tgt Ion:105 Resp: 33189

Ion	Ratio	Lower	Upper
105	100		
77	67.6	59.0	88.4
51	18.4	16.4	24.6



Instrument :
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ClientSampleId :
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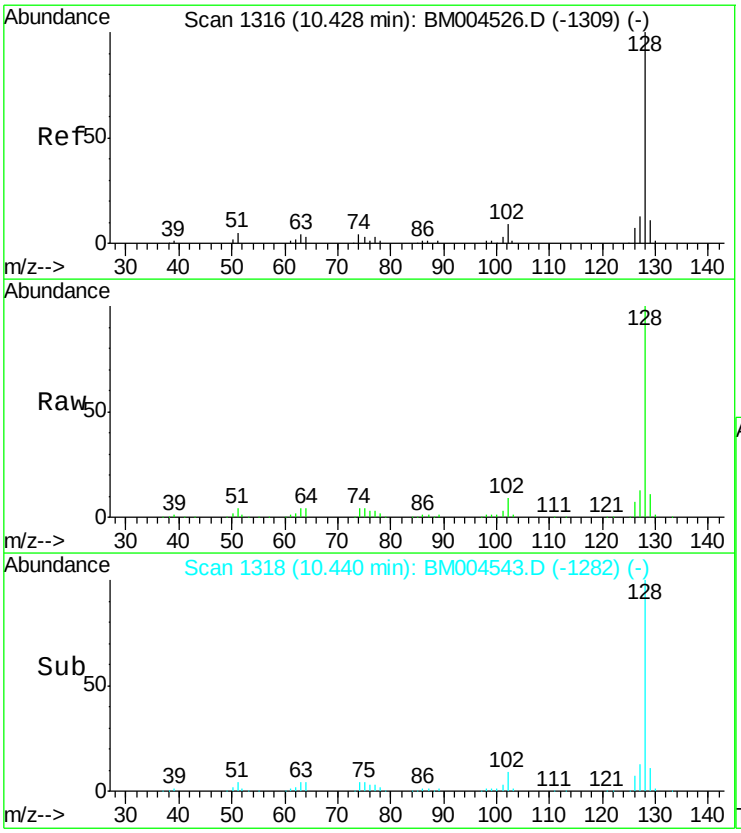
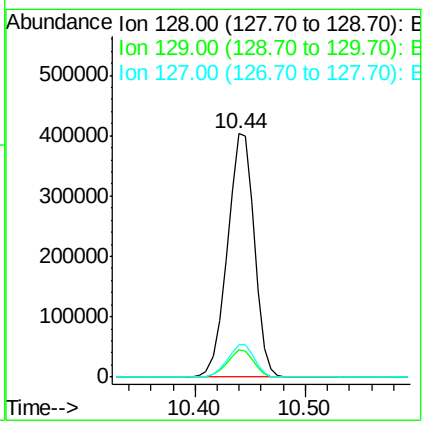
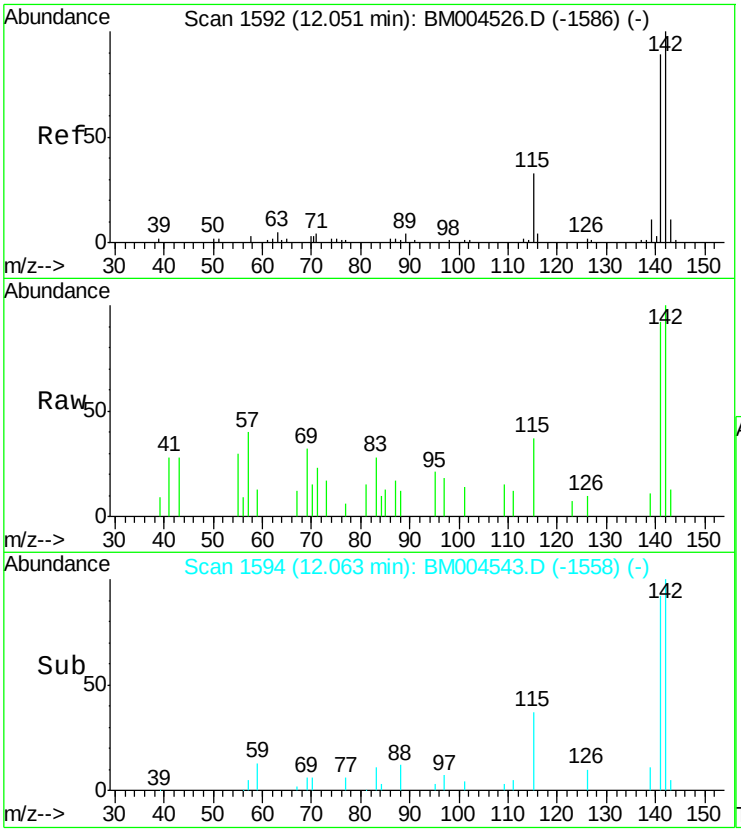


#28
Naphthalene
Concen: 98.82 ng/ul
RT: 10.44 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BM004543.D
Acq: 03 Mar 2016 22:01

Tgt Ion:128 Resp: 688524

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.2	10.5	15.7





#34
2-Methylnaphthalene
Concen: 1.46 ng/ul
RT: 12.06 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BM004543.D
Acq: 03 Mar 2016 22:01

Tgt Ion:142 Resp: 7597

Ion	Ratio	Lower	Upper
142	100		
141	92.3	71.6	107.4

Instrument :
BNA_M
ClientSampleId :
BLDG06-P001-SS001-02

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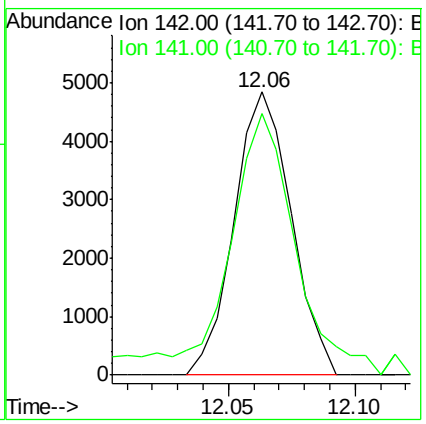
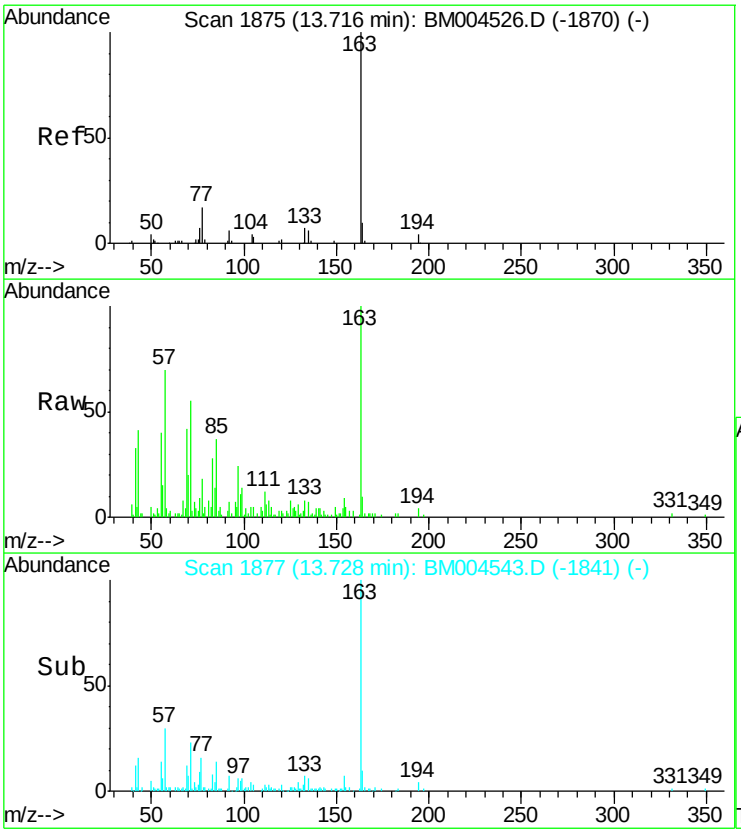
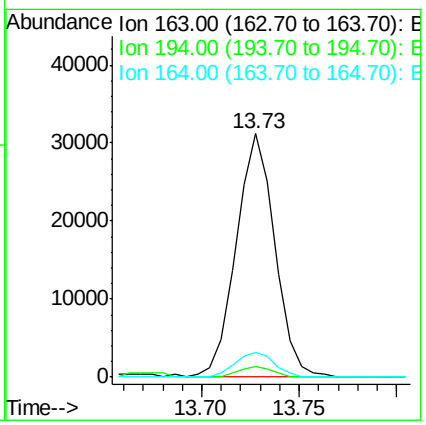


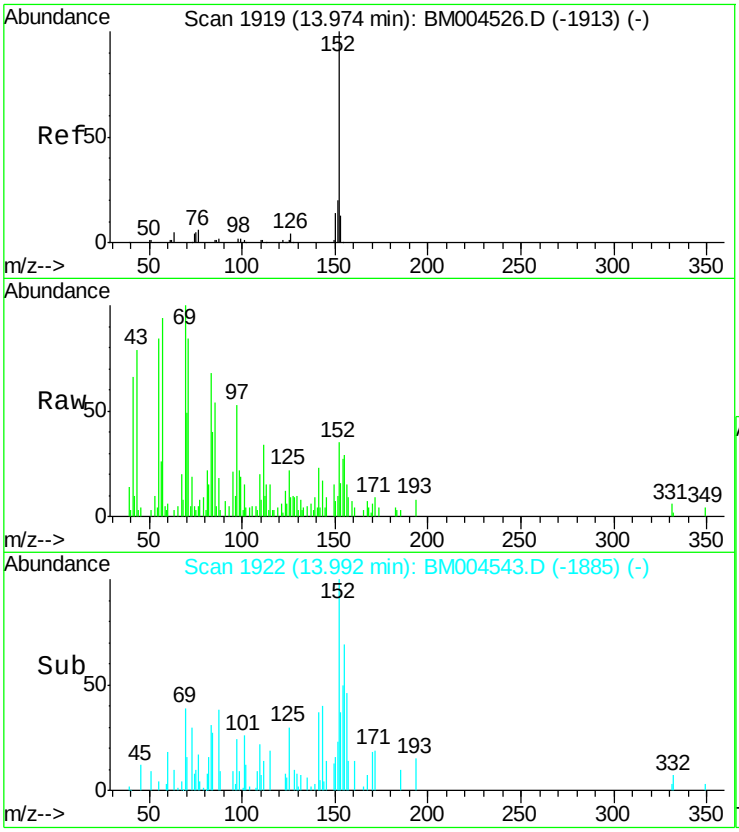


#45
Dimethylphthalate
Concen: 8.14 ng/ul
RT: 13.73 min Scan# 1877
Delta R.T. 0.01 min
Lab File: BM004543.D
Acq: 03 Mar 2016 22:01

Tgt Ion:163 Resp: 42779

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.1	7.8	11.8

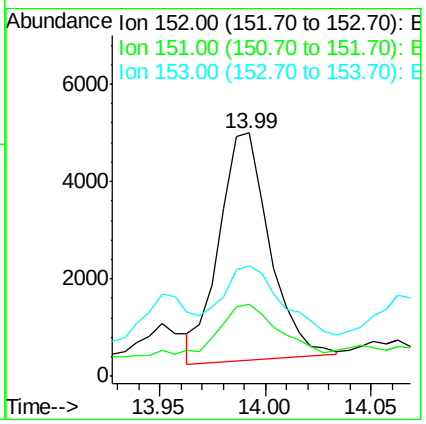




#48
Acenaphthylene
Concen: 1.19 ng/ul
RT: 13.99 min Scan# 1922
Delta R.T. 0.02 min
Lab File: BM004543.D
Acq: 03 Mar 2016 22:01

Tgt Ion:152 Resp: 7700

Ion	Ratio	Lower	Upper
152	100		
151	29.4	15.7	23.5#
153	45.6	10.5	15.7#



Instrument :
BNA_M
ClientSampleId :
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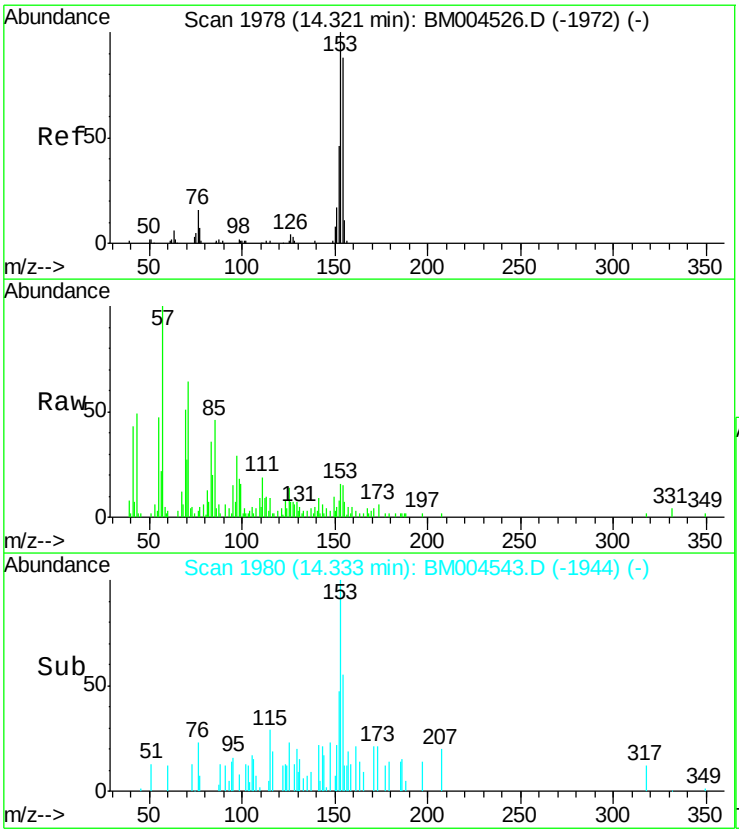
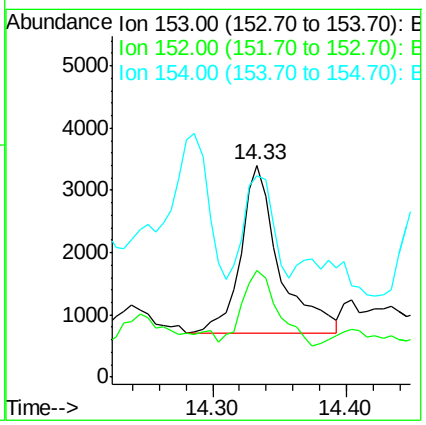
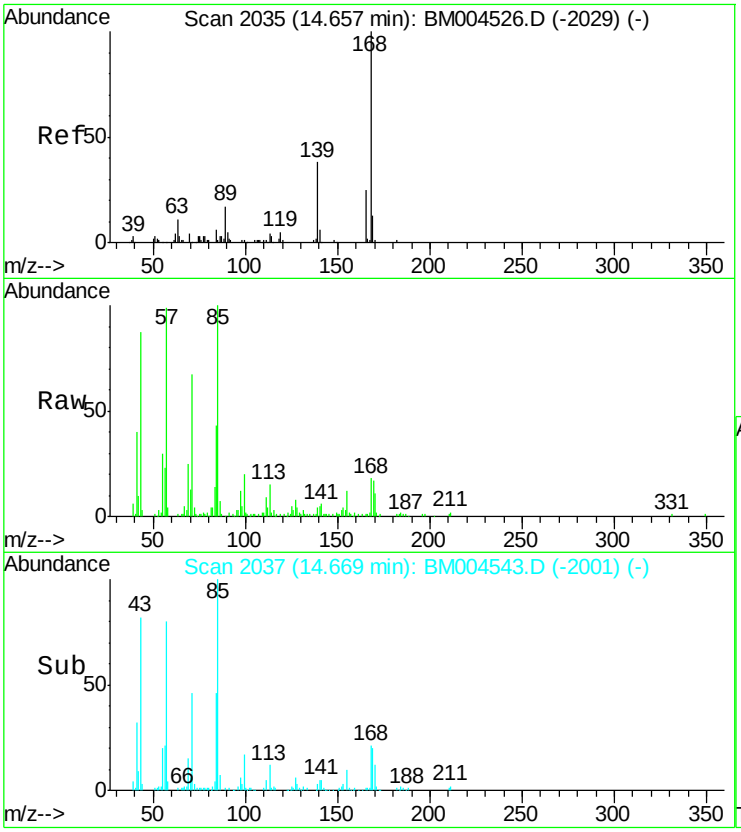


#50
Acenaphthene
Concen: 1.22 ng/ul
RT: 14.33 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BM004543.D
Acq: 03 Mar 2016 22:01

Tgt Ion:153 Resp: 5424

Ion	Ratio	Lower	Upper
153	100		
152	50.1	38.3	57.5
154	95.0	71.8	107.8





#54
Dibenzofuran
Concen: 2.92 ng/ul
RT: 14.67 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BM004543.D
Acq: 03 Mar 2016 22:01

Tgt Ion:168 Resp: 18141

Ion	Ratio	Lower	Upper
168	100		
139	21.9	32.2	48.2#

Instrument :
BNA_M
ClientSampleId :
BLDG06-P001-SS001-02

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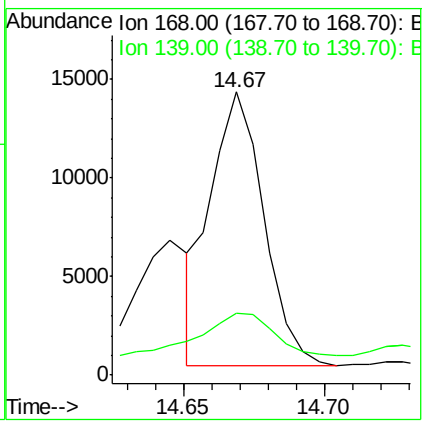
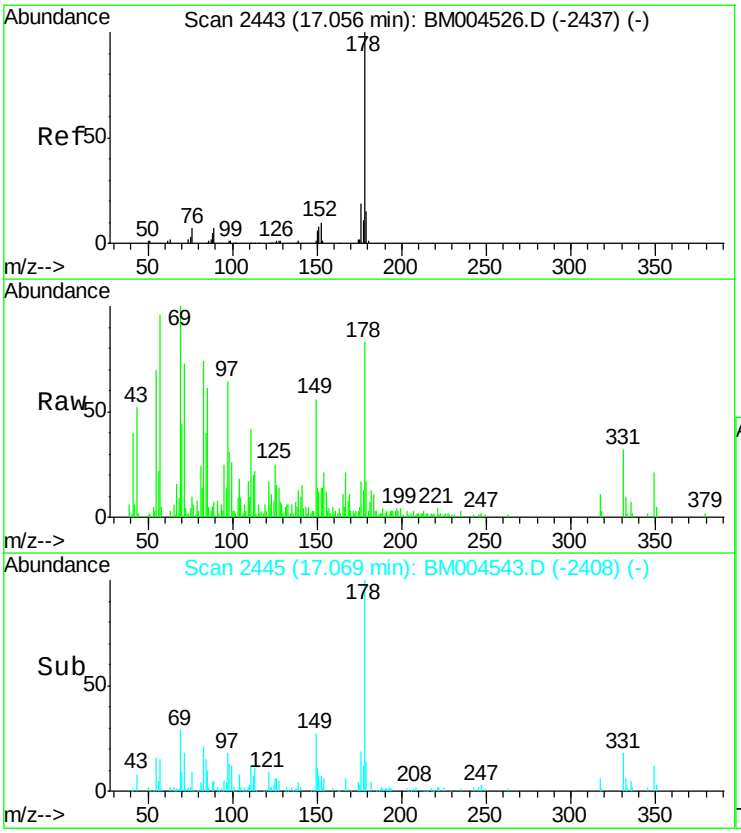
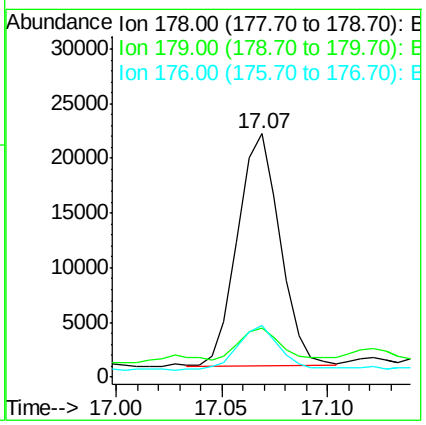


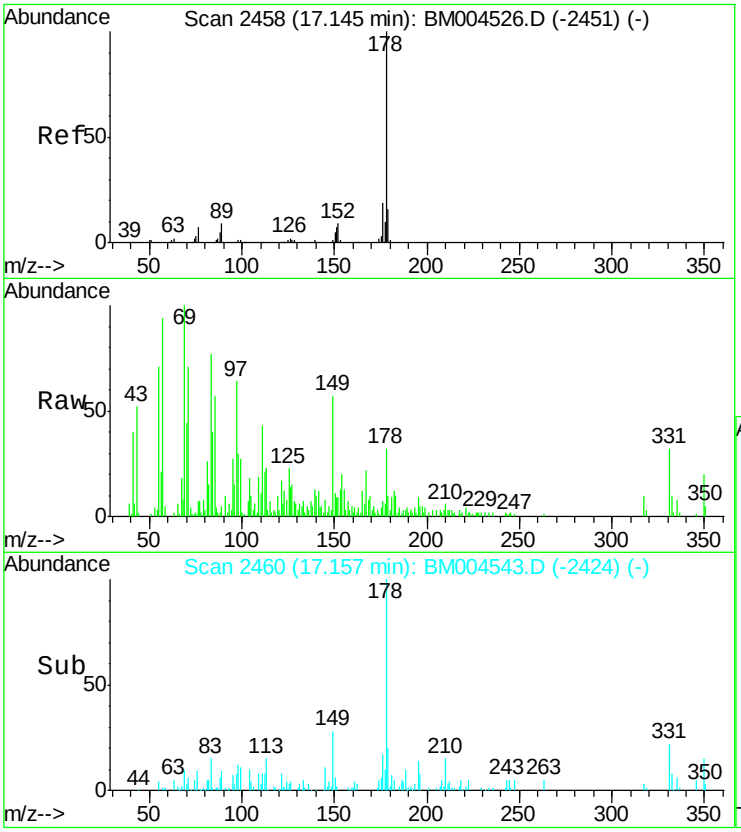


#70
Phenanthrene
Concen: 4.41 ng/ul
RT: 17.07 min Scan# 2445
Delta R.T. 0.02 min
Lab File: BM004543.D
Acq: 03 Mar 2016 22:01

Tgt Ion:178 Resp: 29520

Ion	Ratio	Lower	Upper
178	100		
179	20.1	12.2	18.4#
176	21.0	15.6	23.4

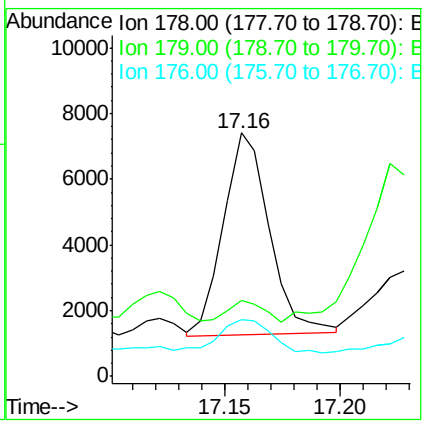




#72
Anthracene
Concen: 1.26 ng/ul
RT: 17.16 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM004543.D
Acq: 03 Mar 2016 22:01

Tgt Ion:178 Resp: 8552

Ion	Ratio	Lower	Upper
178	100		
179	31.4	12.1	18.1#
176	23.1	14.8	22.2#



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