

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
 Data File : BM022609.D
 Acq On : 09 Sep 2019 18:31
 Operator : HP/JU
 Sample : K4706-02DL 20X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BF568DL

Manual Integrations
 APPROVED

mohammad
 9/10/2019 2:09:06 PM

Quant Time: Sep 10 12:00:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 09 07:45:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	272059	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1205124	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	759196	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	1582987	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1592855	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1702602	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	763	0.12	ng/uL	0.01
5) Phenol-d5	7.01	99	8748	0.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	21505	1.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	21739	1.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	14989	0.73	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	12042	1.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	9346	1.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	23627	1.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	15392m	0.57	ng/ul	0.02
44) Dimethylphthalate-d6	13.89	166	102976	1.67	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	101256	1.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	2672	0.25	ng/ul	0.00
58) Fluorene-d10	15.47	176	89224	1.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	6287	0.87	ng/ul	0.00
71) Anthracene-d10	17.32	188	142277	1.75	ng/ul	0.00
79) Pyrene-d10	19.60	212	153880	1.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	143557	1.57	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.70	128	9679221	144.865	ng/ul 99
34) 2-Methylnaphthalene	12.31	142	1394855	27.710	ng/ul 100
41) 1,1'-Biphenyl	13.32	154	177907	2.814	ng/ul 99
50) Acenaphthene	14.54	153	308191	5.821	ng/ul 99
54) Dibenzofuran	14.88	168	349566	4.757	ng/ul 100
59) Fluorene	15.53	166	196546	3.251	ng/ul 99
70) Phenanthrene	17.26	178	299634	3.091	ng/ul 99
75) Carbazole	17.62	167	98999	1.106	ng/ul 99

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

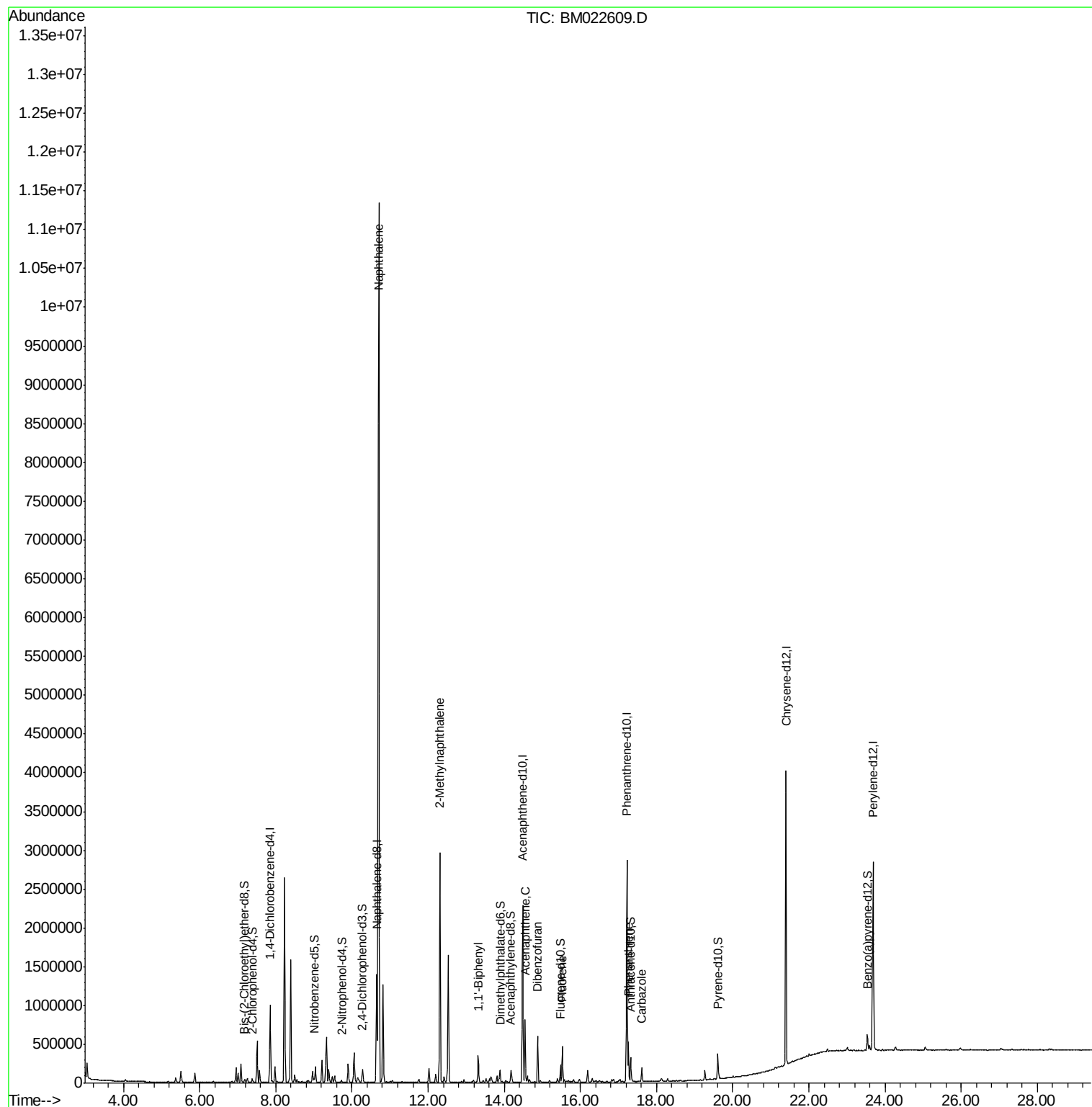
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
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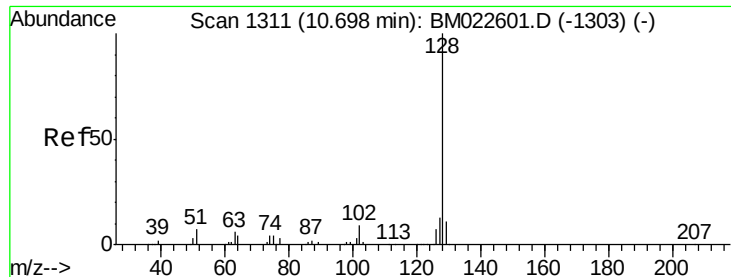
Instrument :
BNA_M
ClientSampleId :
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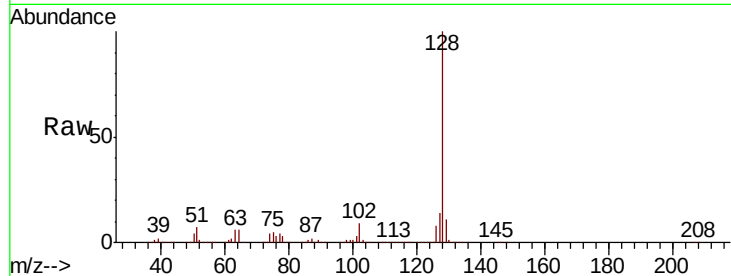
#28
Naphthalene
Concen: 144.865 ng/ul
RT: 10.70 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BM022609.D
Acq: 09 Sep 2019 18:31

Instrument :
BNA_M
ClientSampleId :
BF568DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.7	10.6	16.0

Manual Integrations
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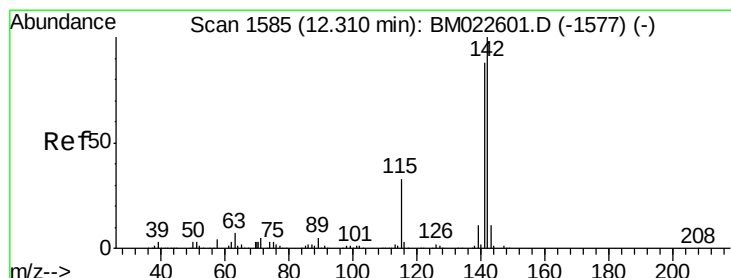
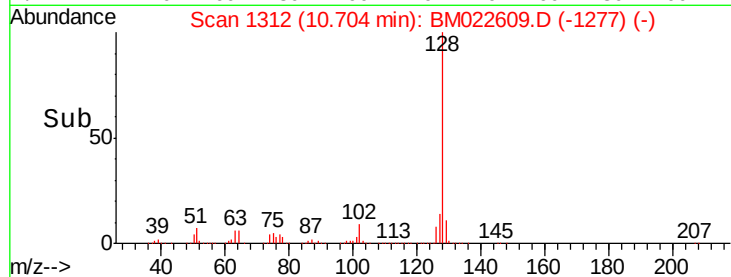
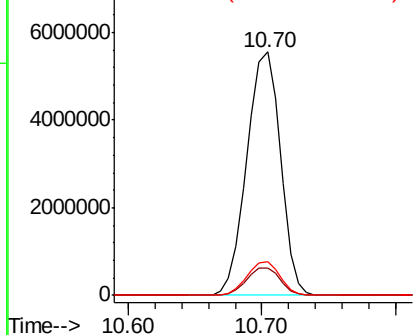


Abundance

Ion 128.00 (127.70 to 128.70): E

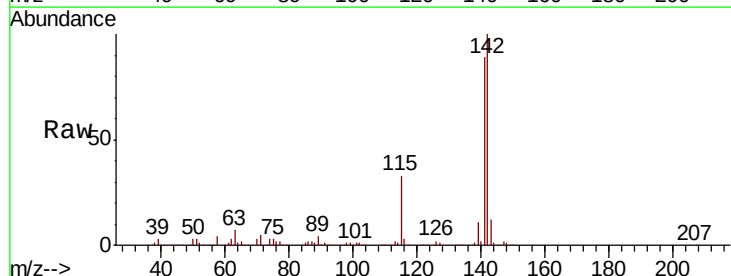
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34
2-Methylnaphthalene
Concen: 27.710 ng/ul
RT: 12.31 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BM022609.D
Acq: 09 Sep 2019 18:31

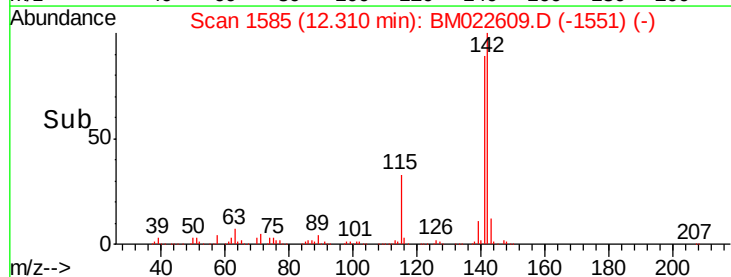
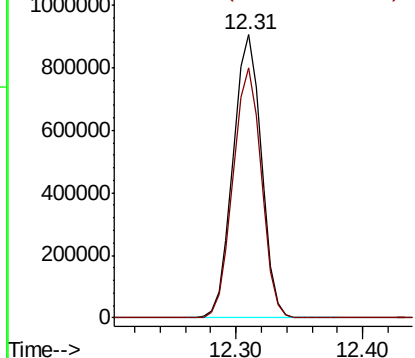
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.4

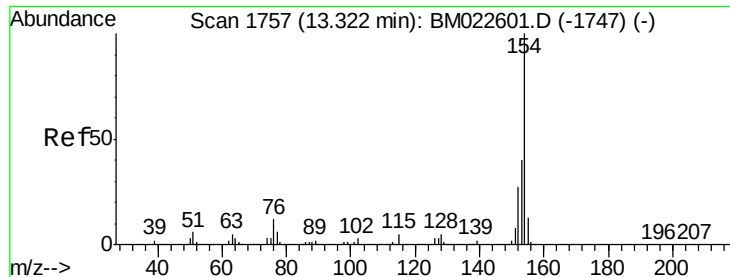


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#41

1,1'-Biphenyl

Concen: 2.814 ng/ul

RT: 13.32 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BM022609.D

Acq: 09 Sep 2019 18:31

Instrument :

BNA_M

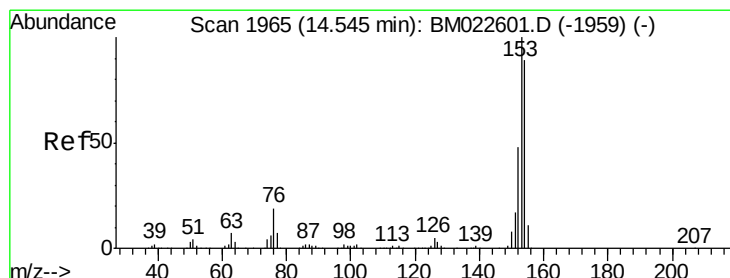
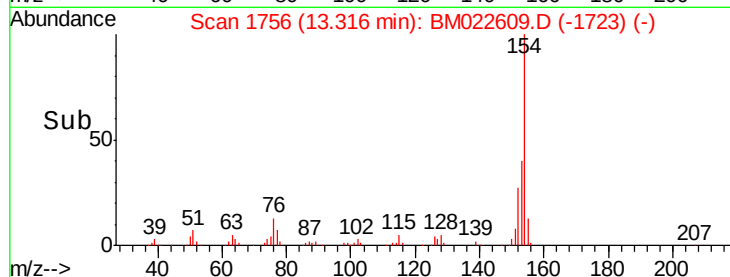
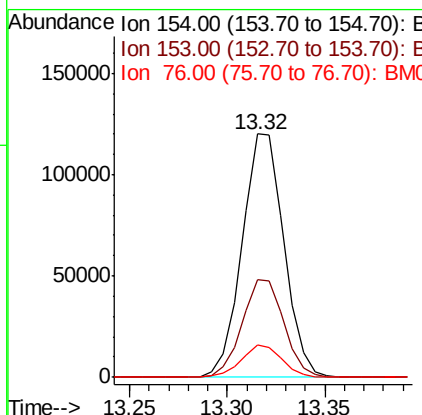
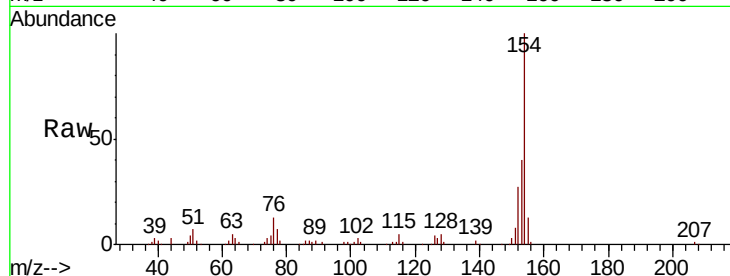
ClientSampleId :

BF568DL

Tot Ion:	154	Resp:	177907
Ion Ratio	Lower	Upper	
154	100		
153	40.1	32.1	48.1
76	13.5	10.2	15.2

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#50

Acenaphthene

Concen: 5.821 ng/ul

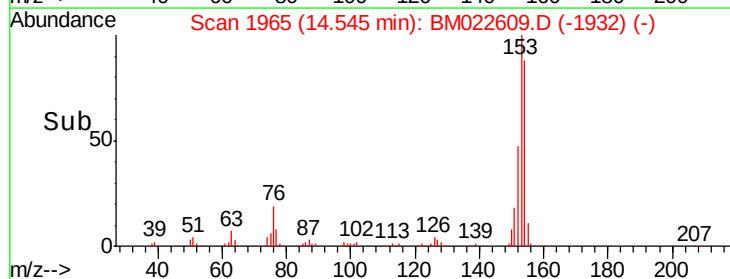
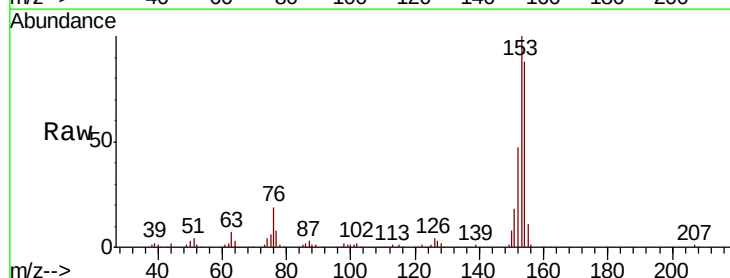
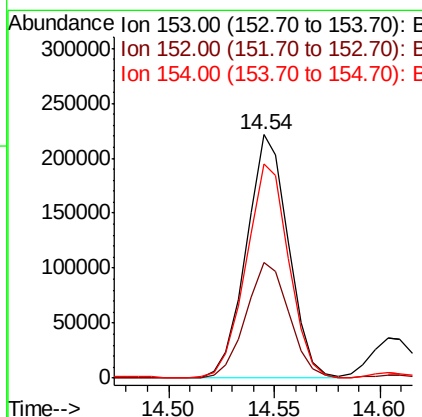
RT: 14.54 min Scan# 1965

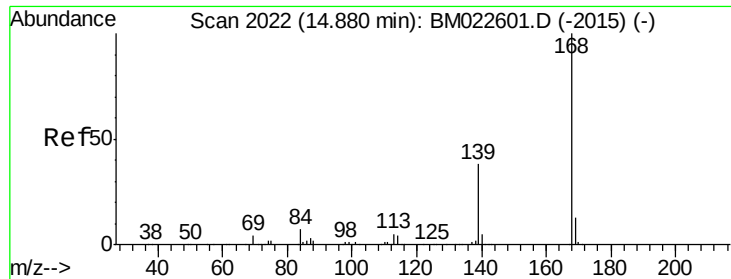
Delta R.T. -0.01 min

Lab File: BM022609.D

Acq: 09 Sep 2019 18:31

Tgt Ion:	153	Resp:	308191
Ion Ratio	Lower	Upper	
153	100		
152	47.3	37.5	56.3
154	87.8	71.4	107.0





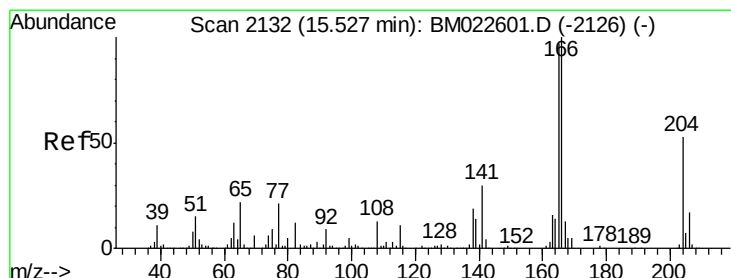
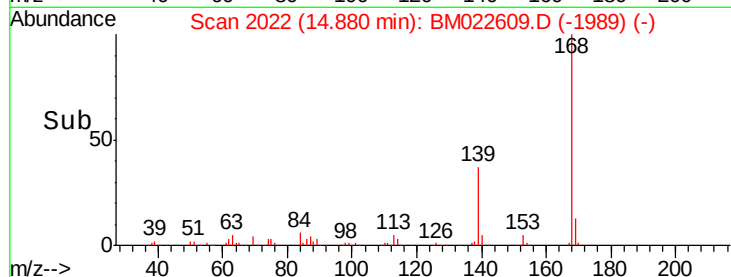
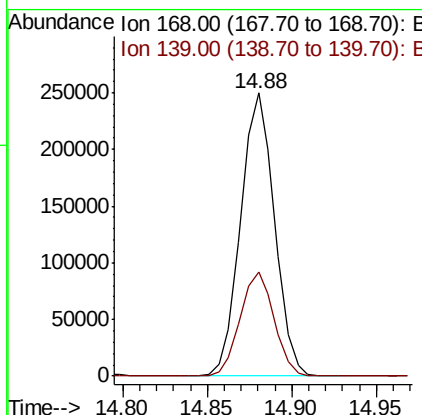
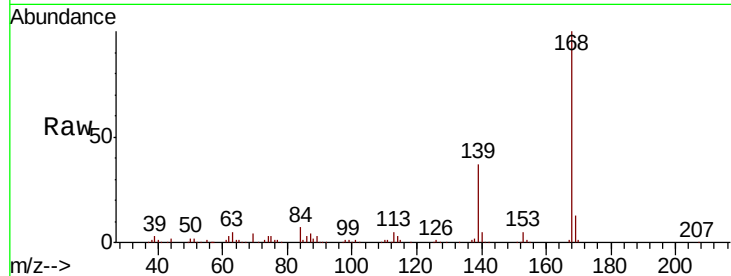
#54
Dibenzo(furan)
Concen: 4.757 ng/ul
RT: 14.88 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BM022609.D
Acq: 09 Sep 2019 18:31

Instrument :
BNA_M
ClientSampled :
BF568DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3

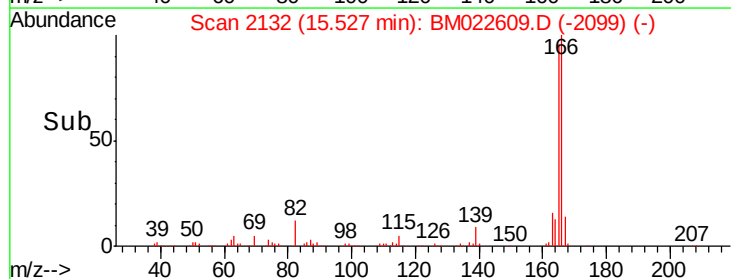
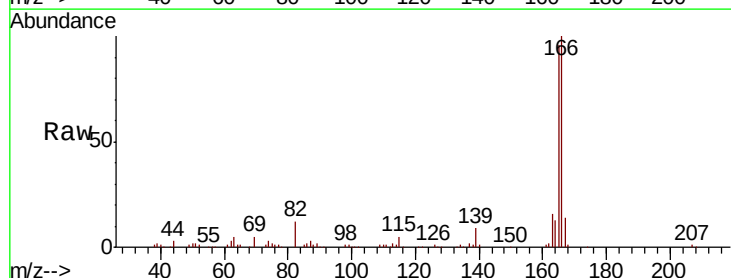
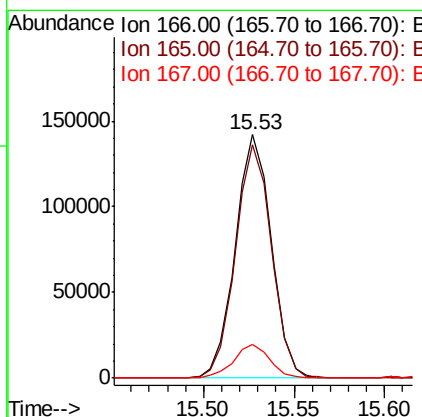
Manual Integrations
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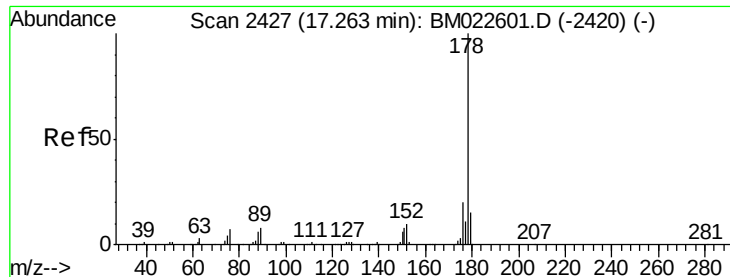
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#59
Fluorene
Concen: 3.251 ng/ul
RT: 15.53 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM022609.D
Acq: 09 Sep 2019 18:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.0	77.8	116.8
167	13.7	10.9	16.3





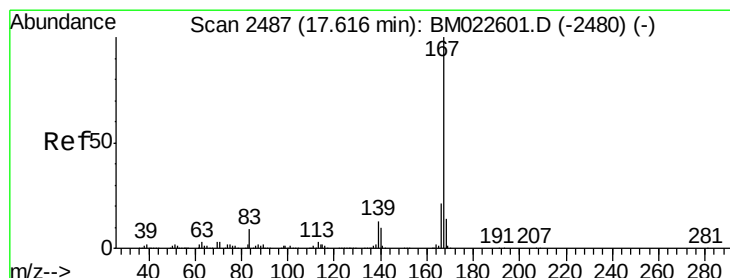
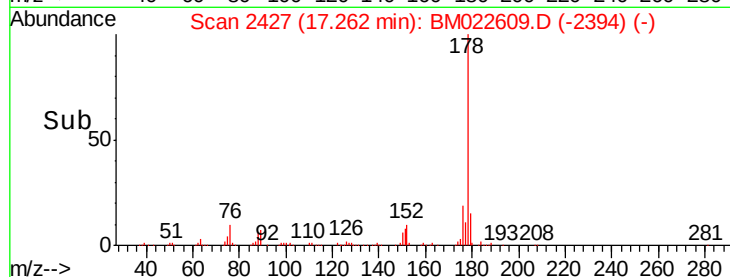
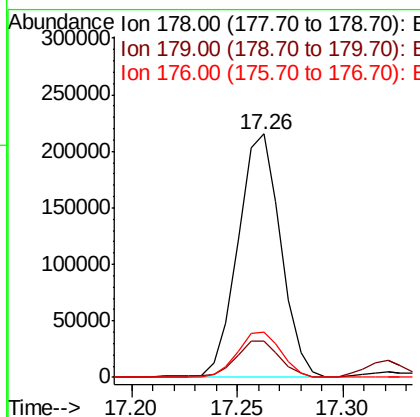
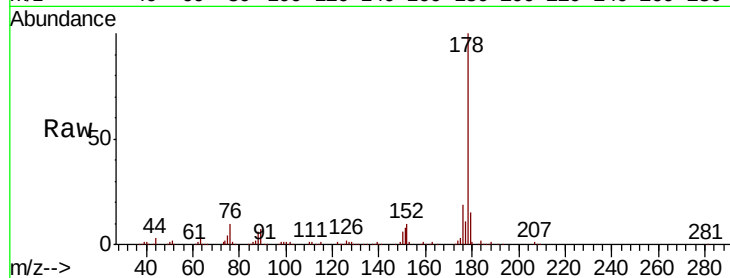
#70
Phenanthrene
Concen: 3.091 ng/ul
RT: 17.26 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BM022609.D
Acq: 09 Sep 2019 18:31

Instrument :
BNA_M
ClientSampleID :
BF568DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.0	18.0
176	18.8	15.4	23.0

Manual Integrations
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#75
Carbazole
Concen: 1.106 ng/ul
RT: 17.62 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BM022609.D
Acq: 09 Sep 2019 18:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	13.6	10.6	15.8

