

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
 Data File : BM006510.D
 Acq On : 17 Jul 2016 11:10
 Operator : UM/SJ
 Sample : H3985-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ41

Manual Integrations

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 7/18/2016 7:40:12 PM

Quant Time: Jul 18 08:40:35 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 18 07:39:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	136586	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	595703	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	333977	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	767976	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	852893	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	937627	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	5492	1.69	ng/uL	0.00
5) Phenol-d5	6.79	99	281724	25.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	178958	26.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	227902	25.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	237520	26.71	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	112382	24.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	121117	23.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	222061	23.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	280993	27.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	719739	26.33	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	912476	27.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	59414	12.51	ng/ul	0.00
57) Fluorene-d10	15.26	176	644489	26.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	34437	7.75	ng/ul	0.00
70) Anthracene-d10	17.12	188	1010647	27.84	ng/ul	0.00
76) Pyrene-d10	19.42	212	1114732	28.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1205668	28.12	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.82	94	12725	1.08 ng/ul	96
28) Naphthalene	10.44	128	43372	1.43 ng/ul	99
44) Dimethylphthalate	13.73	163	455474	16.42 ng/ul	99
47) Acenaphthylene	13.99	152	139062	3.95 ng/ul	99
58) Fluorene	15.32	166	27865	1.06 ng/ul	98
69) Phenanthrene	17.06	178	398889	9.45 ng/ul	99
71) Anthracene	17.15	178	296357	6.82 ng/ul	99
74) Fluoranthene	19.08	202	1961812	39.98 ng/ul	98
77) Pyrene	19.44	202	1621949	31.85 ng/ul	99
80) Benzo(a)anthracene	21.20	228	1233181	23.69 ng/ul	96
82) Chrysene	21.25	228	1046000	21.34 ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	1443964	25.77 ng/ul	99
86) Benzo(k)fluoranthene	22.80	252	514283m	9.76 ng/ul	
88) Benzo(a)pyrene	23.32	252	1102500	20.54 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.61	276	644022	10.31 ng/ul	95
90) Dibenzo(a,h)anthracene	25.61	278	175352	3.38 ng/ul#	83
91) Benzo(g,h,i)perylene	26.28	276	517352	9.37 ng/ul	99

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

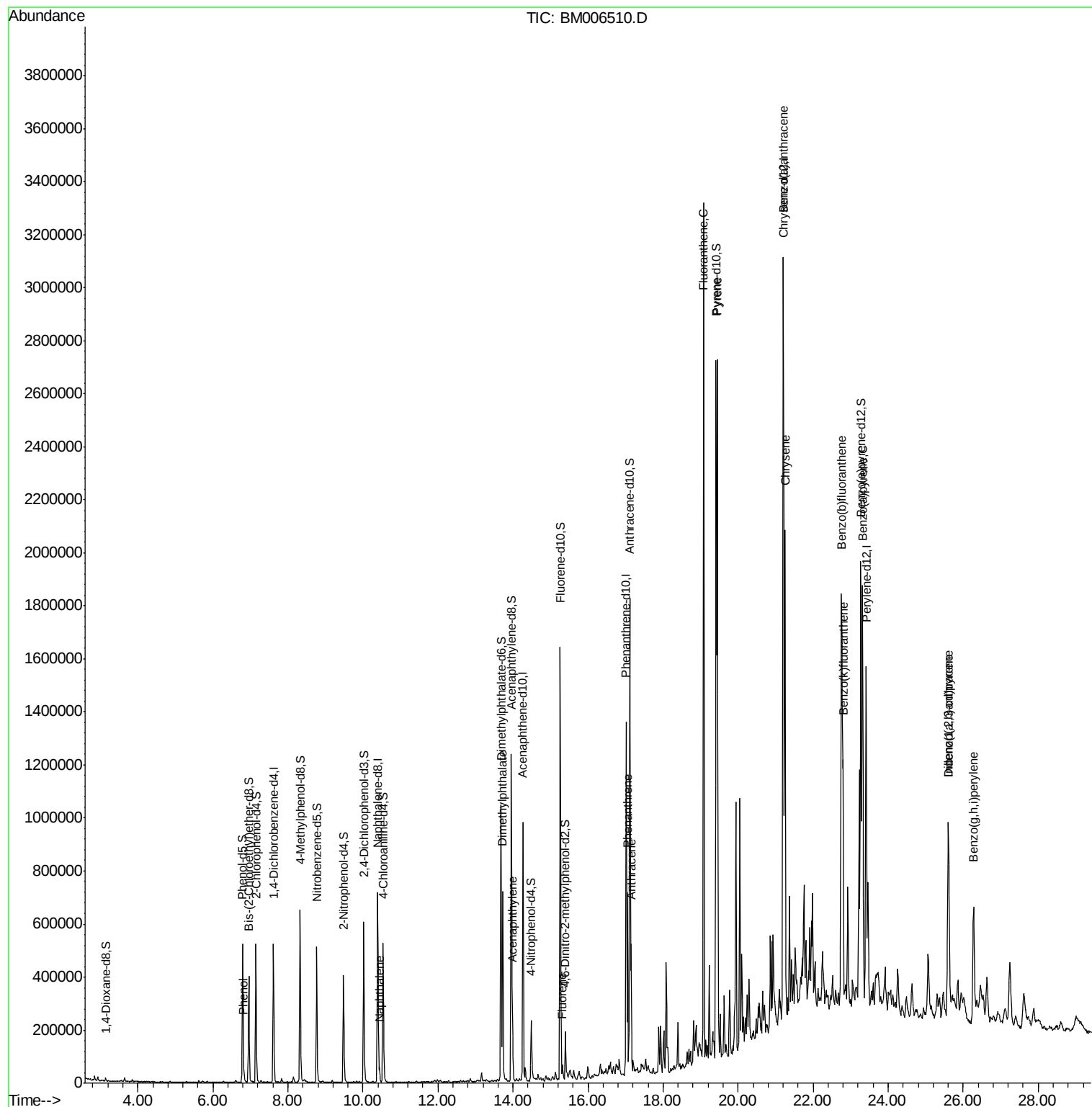
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

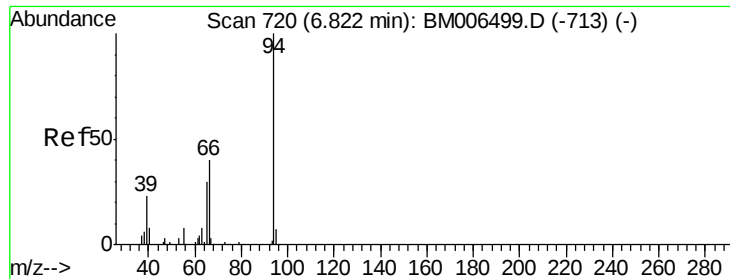
Instrument :
BNA_M
ClientSampled :
BDJ41

Manual Integrations

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Quant Time: Jul 18 08:40:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 18 07:39:41 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.08 ng/ul

RT: 6.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM006510.D

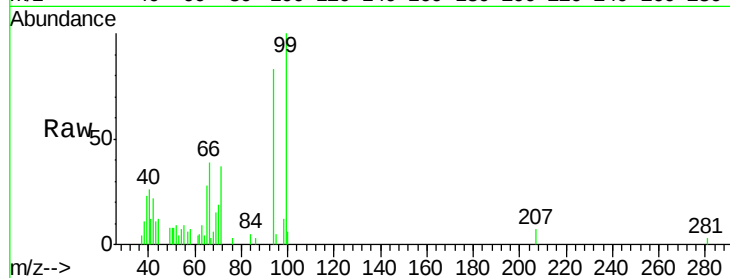
Acq: 17 Jul 2016 11:10

Instrument :

BNA_M

ClientSampleId :

BDJ41

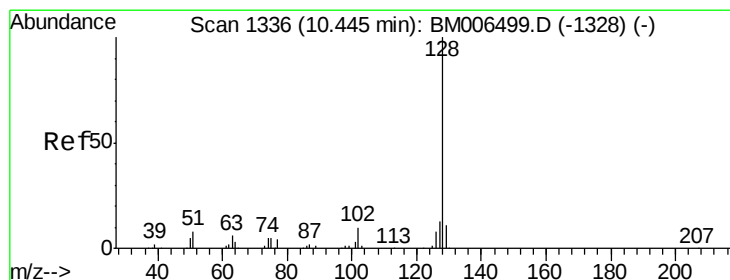
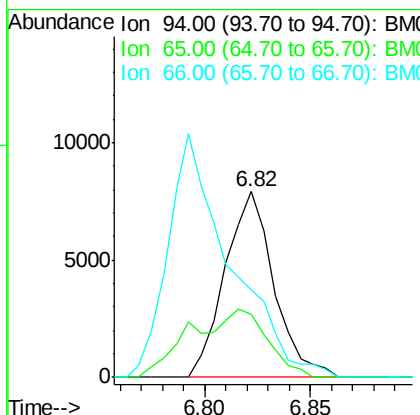
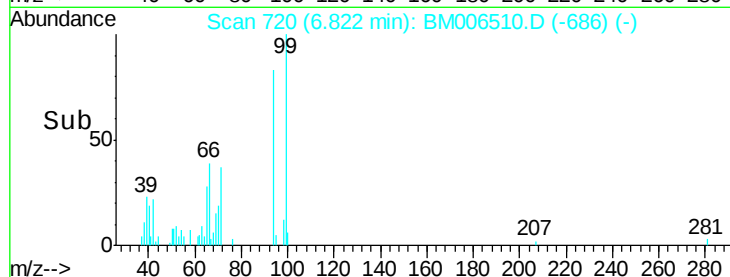


Tgt Ion:	94	Resp:	12725
Ion Ratio	Lower	Upper	
94	100		
65	34.3	25.8	38.8
66	46.9	35.7	53.5

Manual Integrations

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#28

Naphthalene

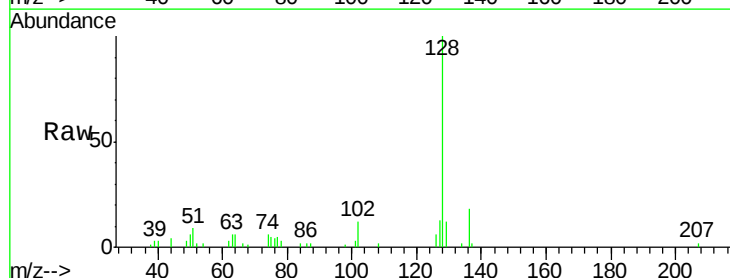
Concen: 1.43 ng/ul

RT: 10.44 min Scan# 1335

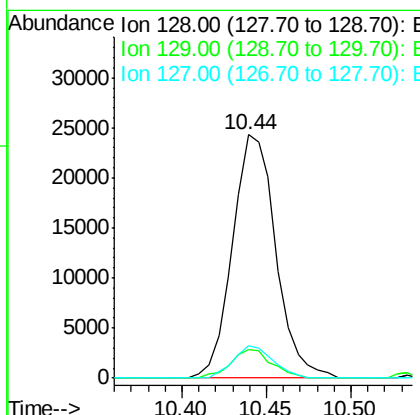
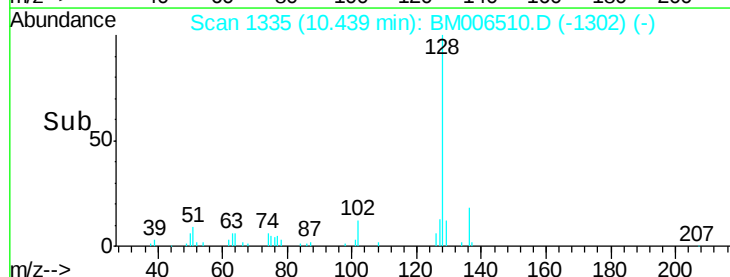
Delta R.T. -0.01 min

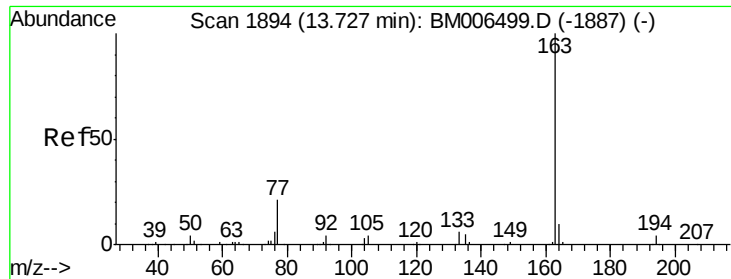
Lab File: BM006510.D

Acq: 17 Jul 2016 11:10



Tgt Ion:	128	Resp:	43372
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.6	13.0
127	13.3	10.9	16.3





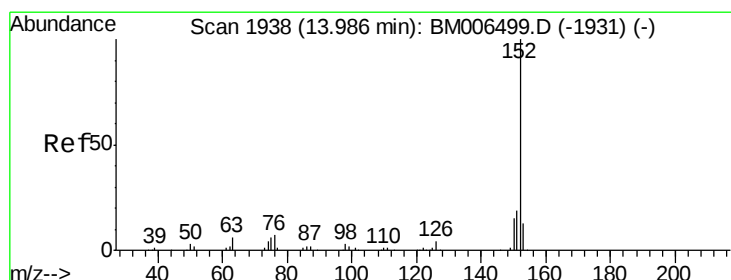
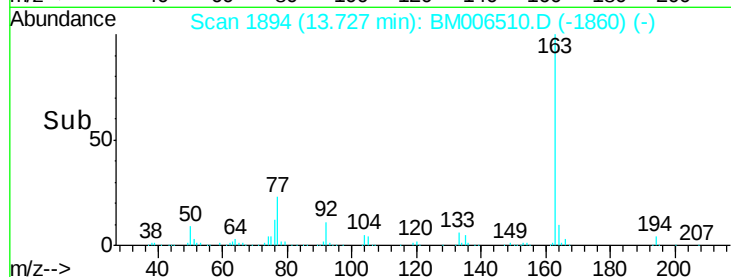
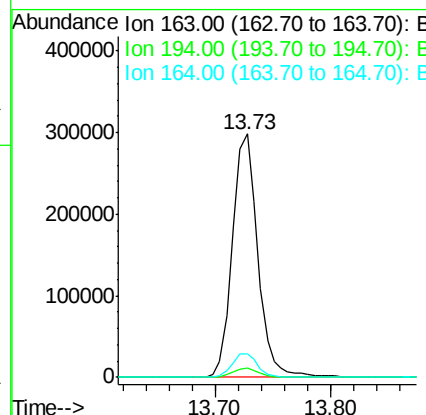
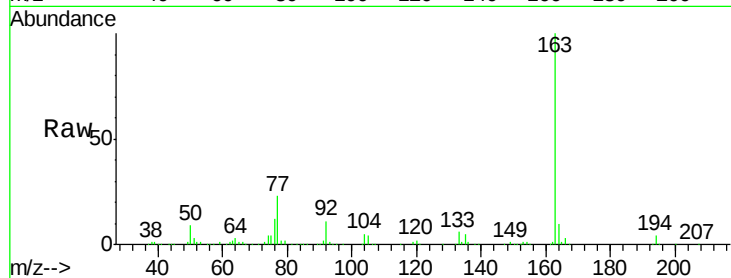
#44
Dimethylphthalate
Concen: 16.42 ng/ul
RT: 13.73 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BM006510.D
Acq: 17 Jul 2016 11:10

Instrument :
BNA_M
ClientSampleId :
BDJ41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	9.5	7.8	11.8

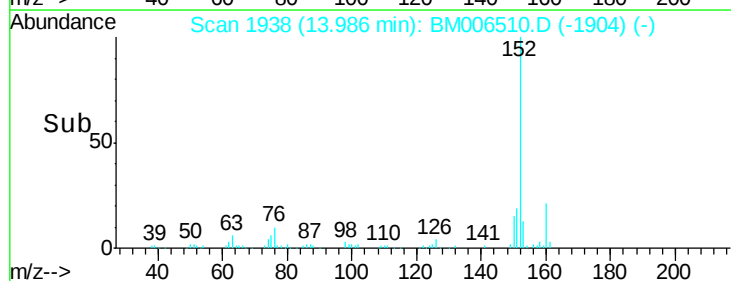
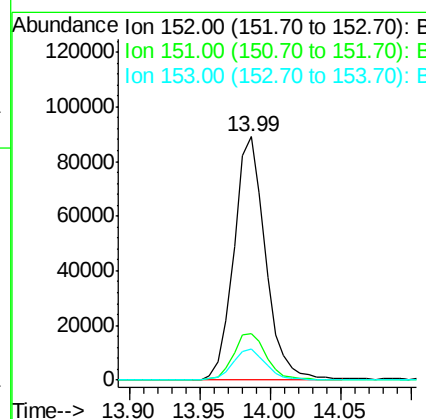
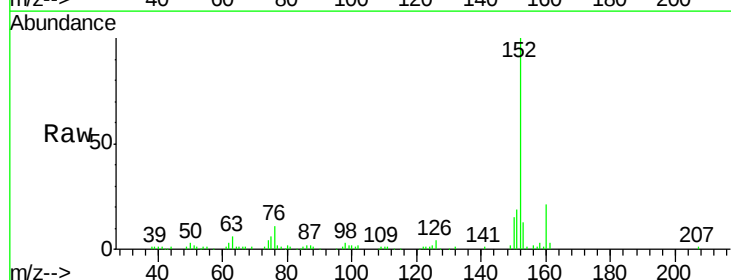
Manual Integrations

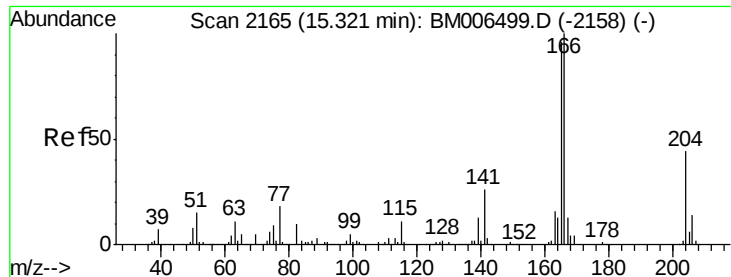
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#47
Acenaphthylene
Concen: 3.95 ng/ul
RT: 13.99 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BM006510.D
Acq: 17 Jul 2016 11:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.6	23.4
153	12.8	10.3	15.5





#58

Fluorene

Concen: 1.06 ng/ul

RT: 15.32 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM006510.D

Acq: 17 Jul 2016 11:10

Instrument :

BNA_M

ClientSampleId :

BDJ41

Tgt Ion:166 Resp: 27865

Ion Ratio Lower Upper

166 100

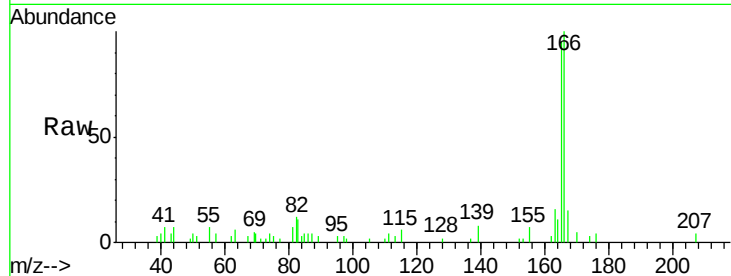
165 94.8 77.5 116.3

167 15.3 10.8 16.2

Manual Integrations

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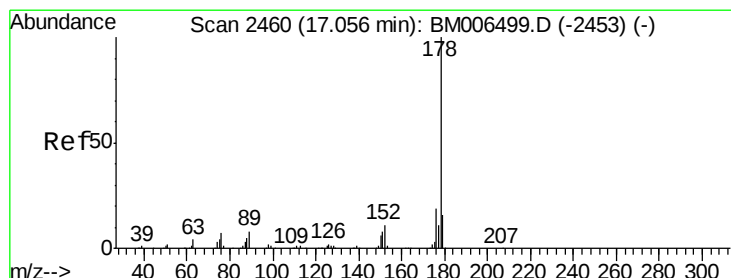
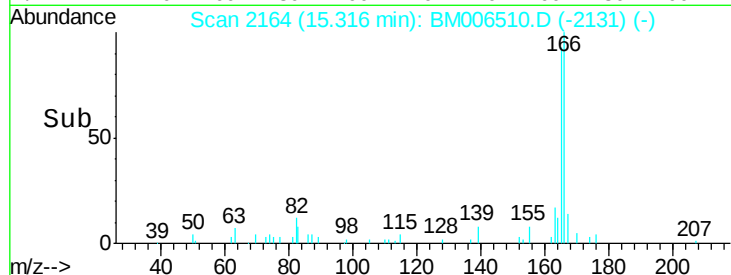
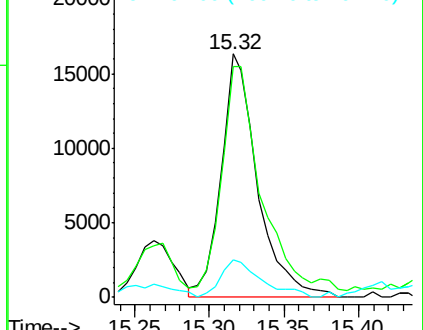
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 9.45 ng/ul

RT: 17.06 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BM006510.D

Acq: 17 Jul 2016 11:10

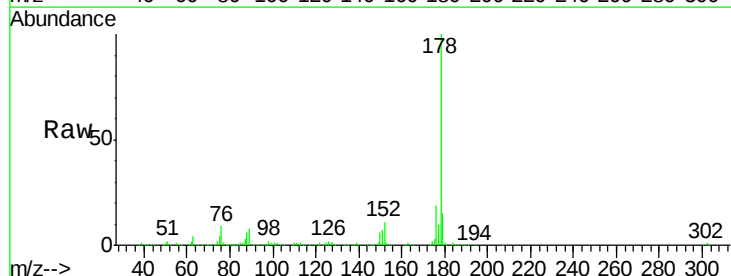
Tgt Ion:178 Resp: 398889

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

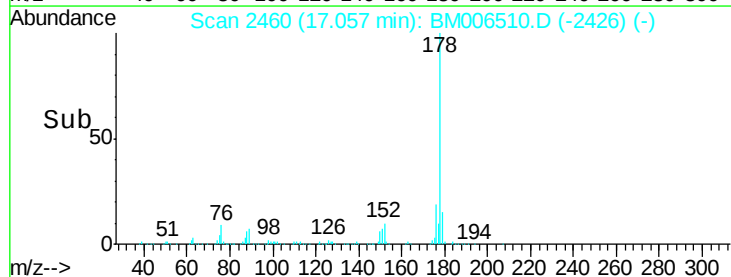
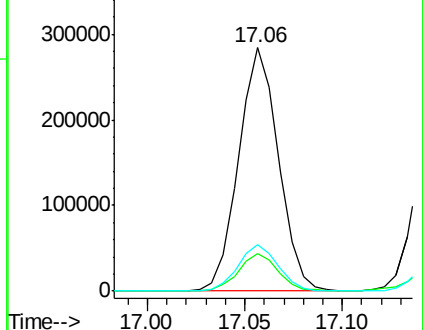
176 19.2 15.2 22.8

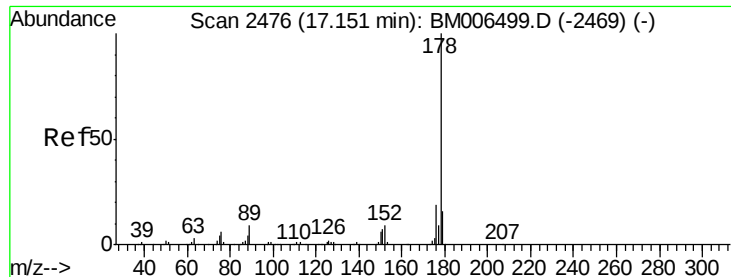


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





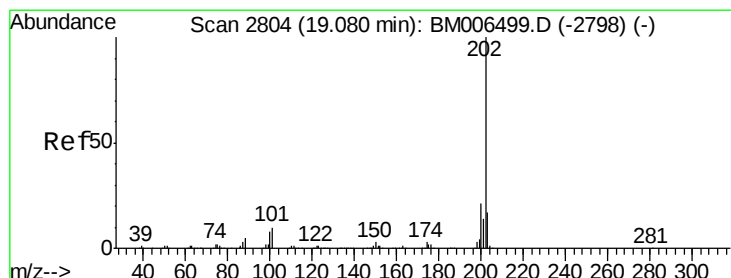
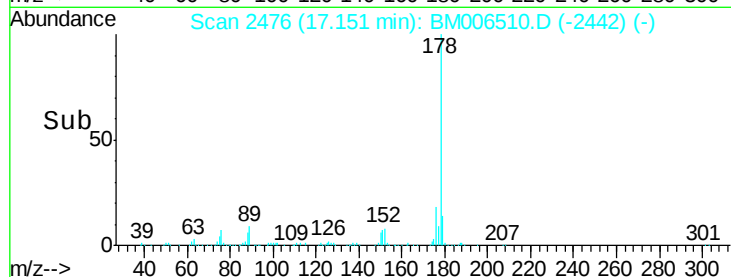
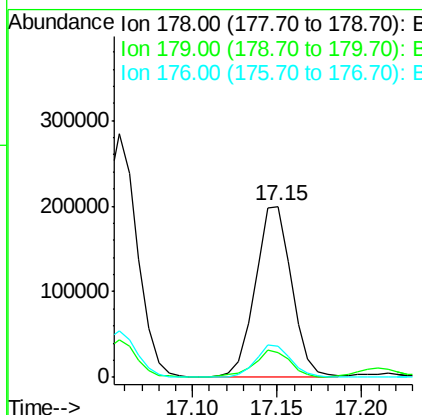
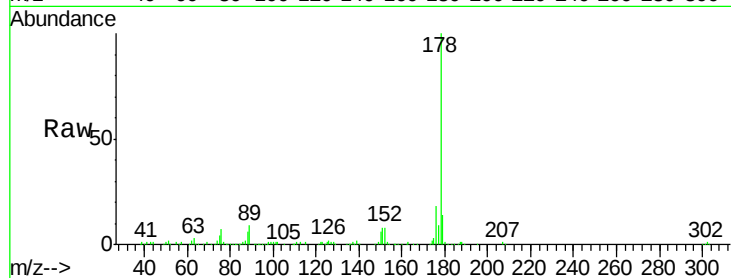
#71
 Anthracene
 Concen: 6.82 ng/ul
 RT: 17.15 min Scan# 2476
 Delta R.T. 0.00 min
 Lab File: BM006510.D
 Acq: 17 Jul 2016 11:10

Instrument :
 BNA_M
 ClientSampleId :
 BDJ41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.0	18.0
176	18.4	15.0	22.6

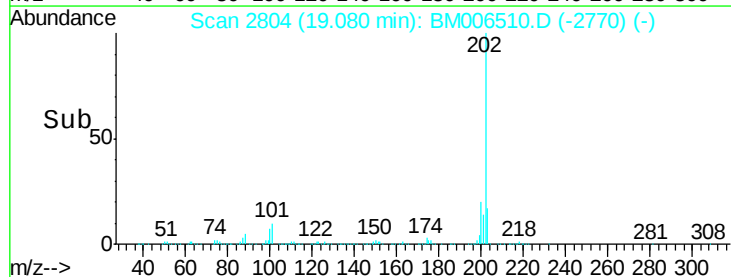
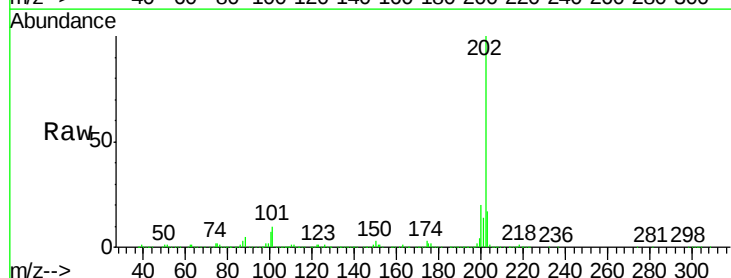
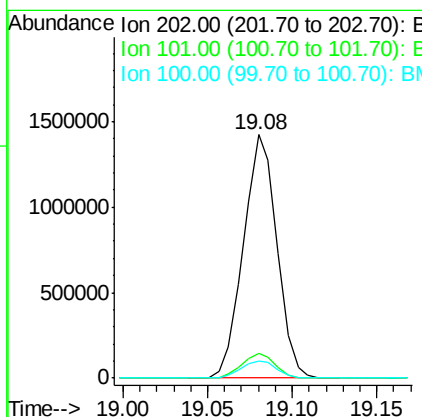
Manual Integrations

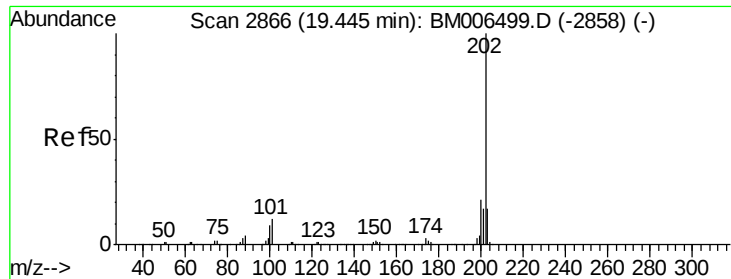
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#74
 Fluoranthene
 Concen: 39.98 ng/ul
 RT: 19.08 min Scan# 2804
 Delta R.T. 0.00 min
 Lab File: BM006510.D
 Acq: 17 Jul 2016 11:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.6	12.8
100	7.2	6.4	9.6





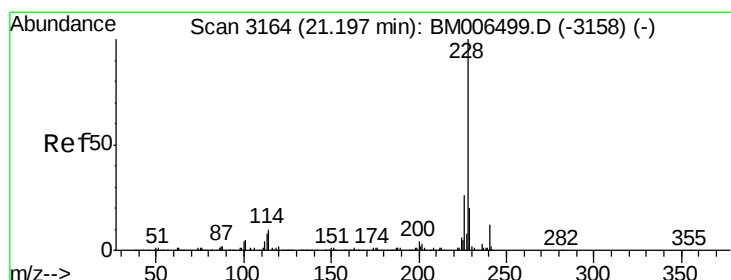
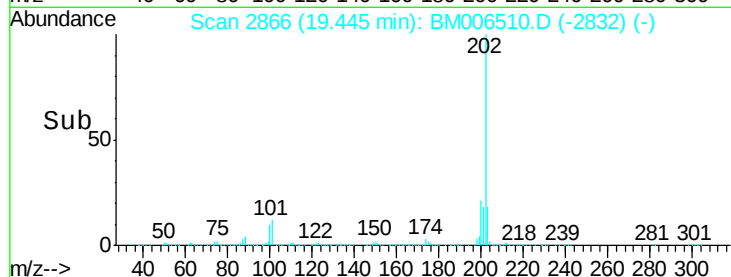
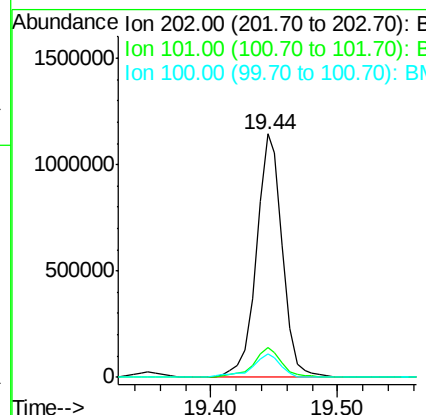
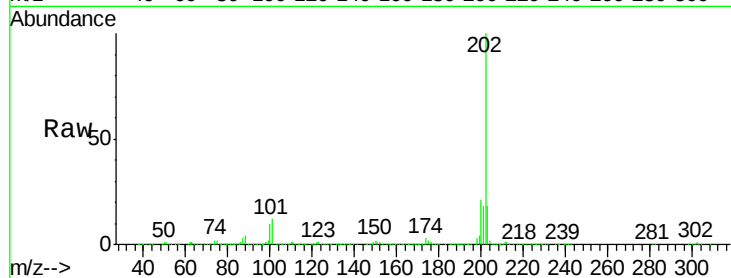
#77
 Pyrene
 Concen: 31.85 ng/ul
 RT: 19.44 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: BM006510.D
 Acq: 17 Jul 2016 11:10

Instrument :
 BNA_M
 ClientSampleId :
 BDJ41

Tgt Ion:202 Resp: 1621949
 Ion Ratio Lower Upper
 202 100
 101 12.2 10.0 15.0
 100 9.7 7.9 11.9

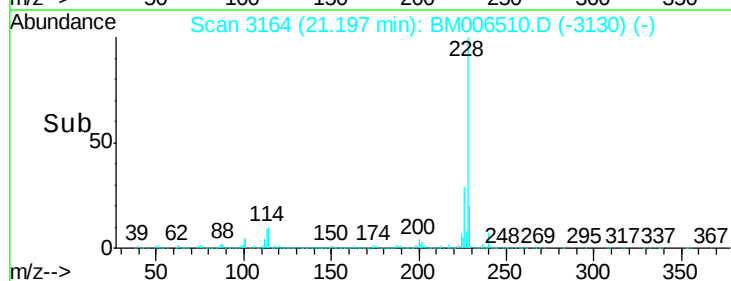
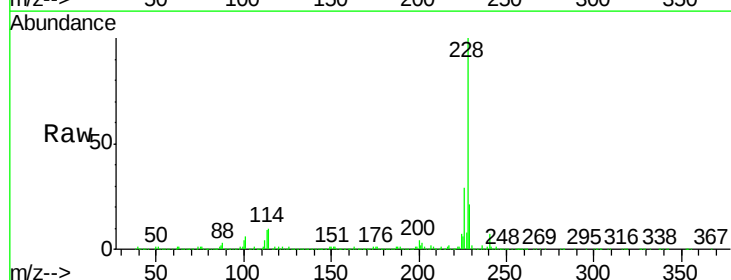
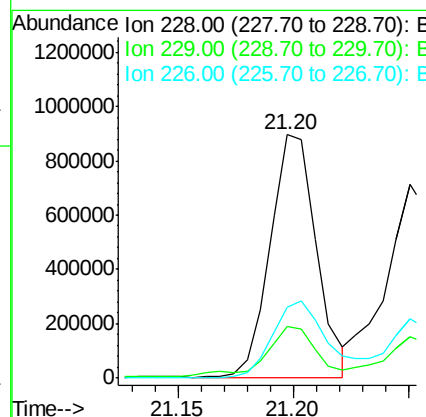
Manual Integrations

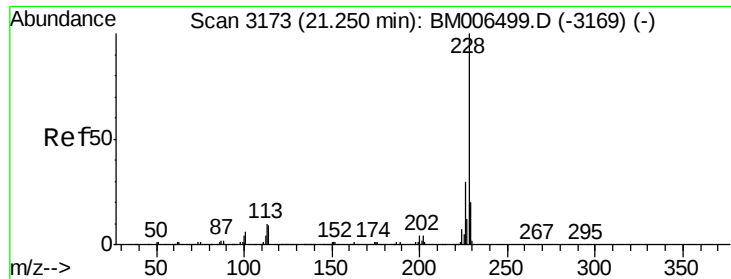
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#80
 Benzo(a)anthracene
 Concen: 23.69 ng/ul
 RT: 21.20 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BM006510.D
 Acq: 17 Jul 2016 11:10

Tgt Ion:228 Resp: 1233181
 Ion Ratio Lower Upper
 228 100
 229 20.9 15.6 23.4
 226 29.3 21.4 32.2





#82

Chrysene

Concen: 21.34 ng/ul

RT: 21.25 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BM006510.D

Acq: 17 Jul 2016 11:10

Instrument :

BNA_M

ClientSampleId :

BDJ41

Tgt Ion:228 Resp: 1046000

Ion Ratio Lower Upper

228 100

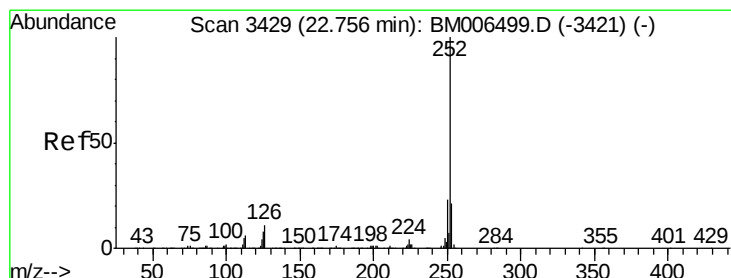
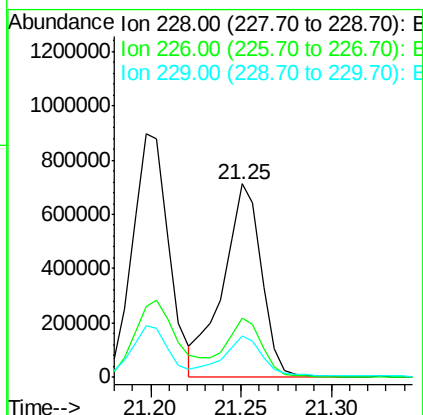
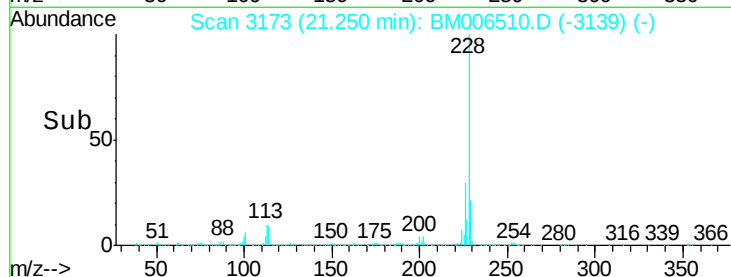
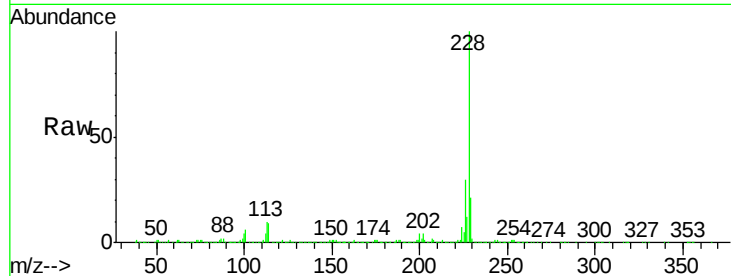
226 30.4 23.3 34.9

229 21.5 15.8 23.8

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#85

Benzo(b)fluoranthene

Concen: 25.77 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. 0.00 min

Lab File: BM006510.D

Acq: 17 Jul 2016 11:10

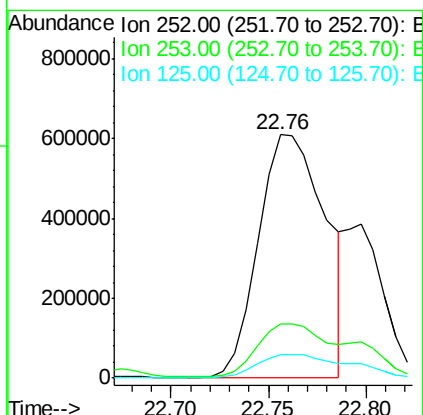
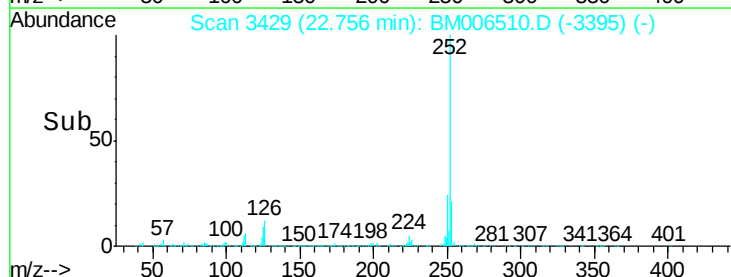
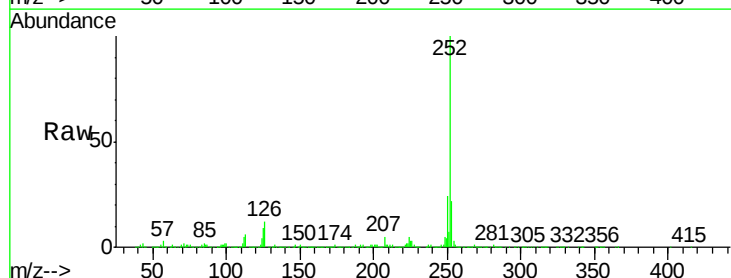
Tgt Ion:252 Resp: 1443964

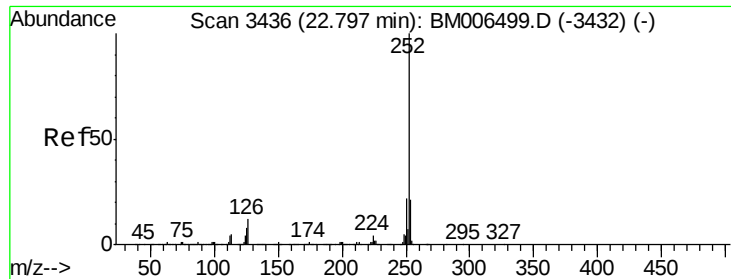
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 9.5 6.7 10.1





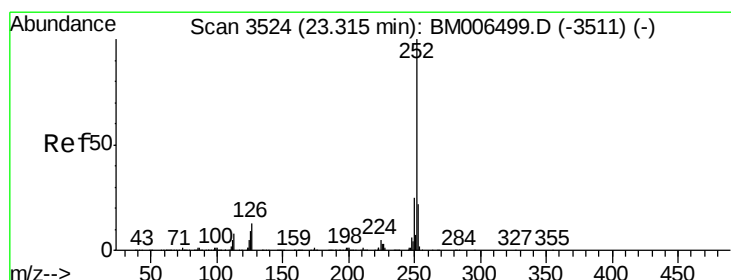
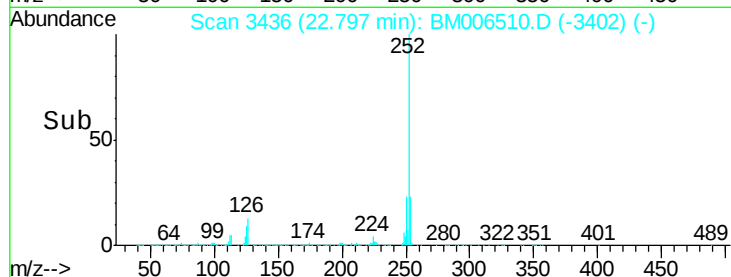
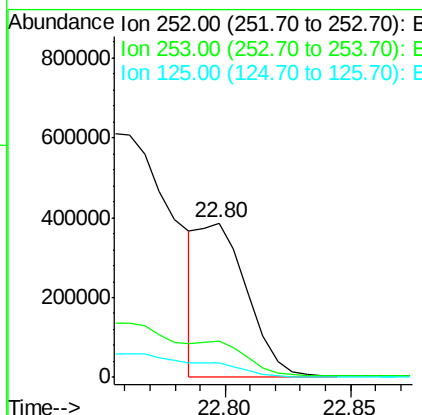
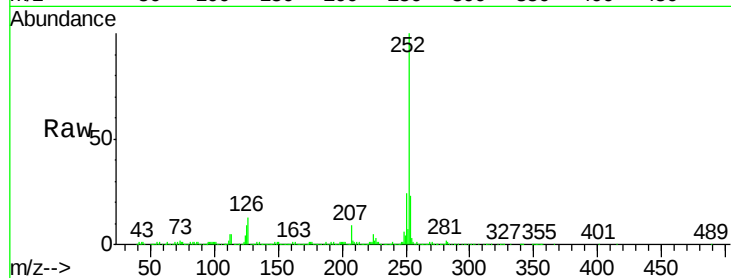
#86
Benzo(k)fluoranthene
Concen: 9.76 ng/ul m
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006510.D
Acq: 17 Jul 2016 11:10

Instrument :
BNA_M
ClientSampleId :
BDJ41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	9.1	7.0	10.4

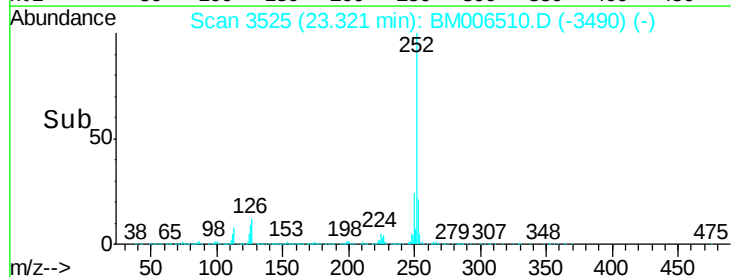
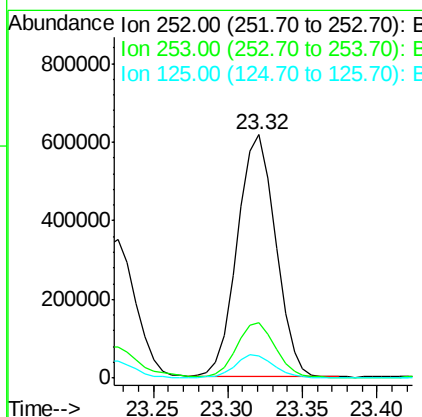
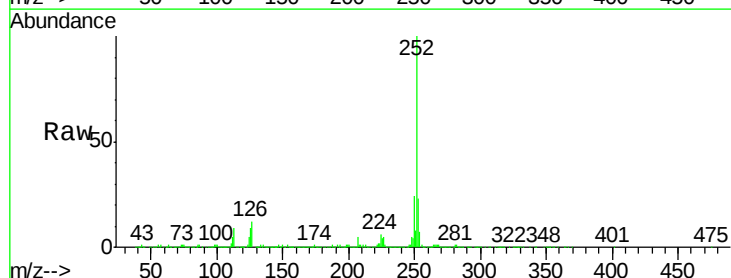
Manual Integrations

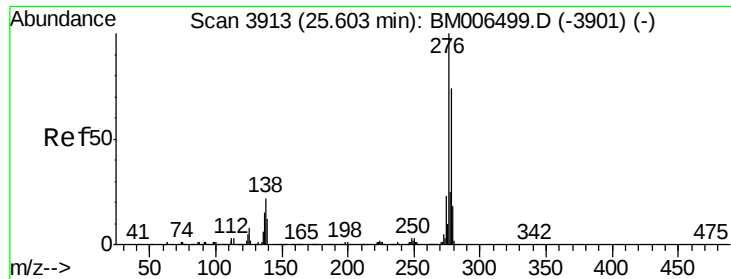
sohil
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#88
Benzo(a)pyrene
Concen: 20.54 ng/ul
RT: 23.32 min Scan# 3525
Delta R.T. 0.01 min
Lab File: BM006510.D
Acq: 17 Jul 2016 11:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	9.1	7.6	11.4





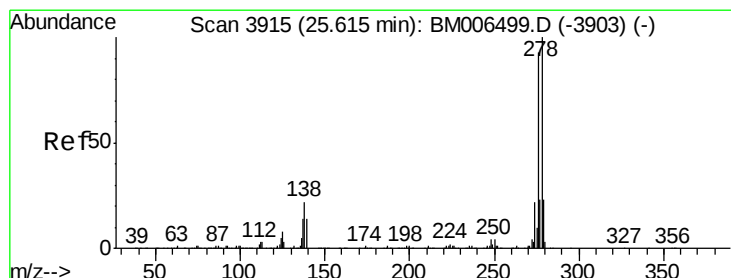
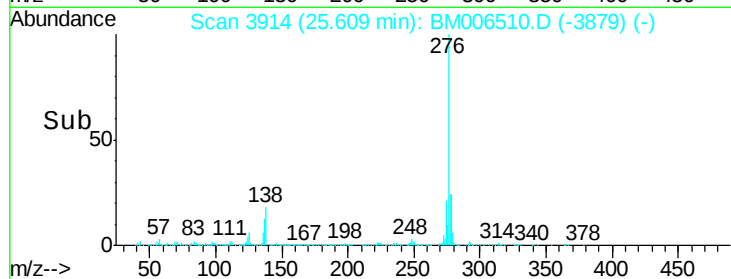
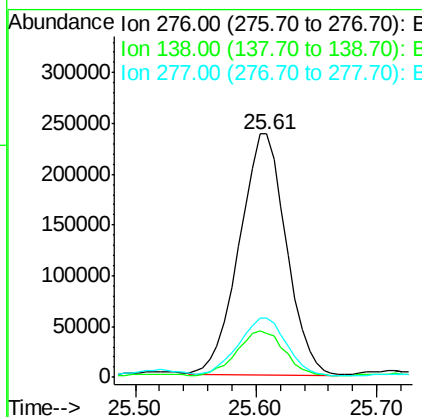
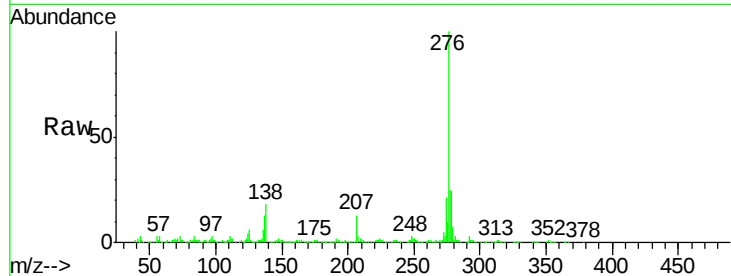
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 10.31 ng/ul
 RT: 25.61 min Scan# 3914
 Delta R.T. 0.01 min
 Lab File: BM006510.D
 Acq: 17 Jul 2016 11:10

Instrument :
 BNA_M
 ClientSampleId :
 BDJ41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.1	17.8	26.6
277	24.6	20.1	30.1

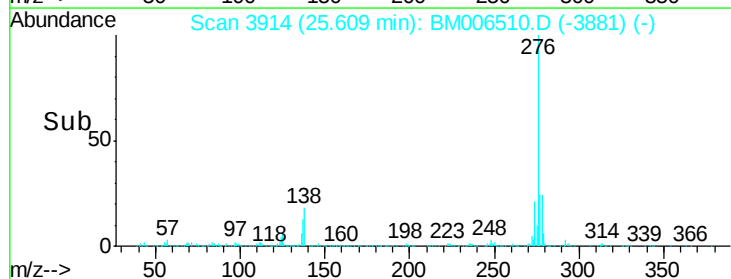
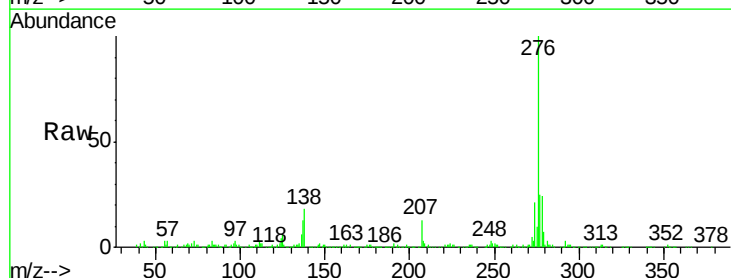
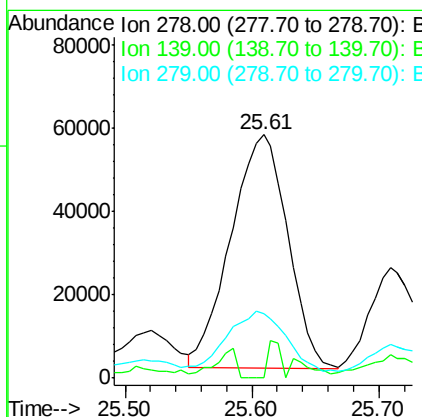
Manual Integrations

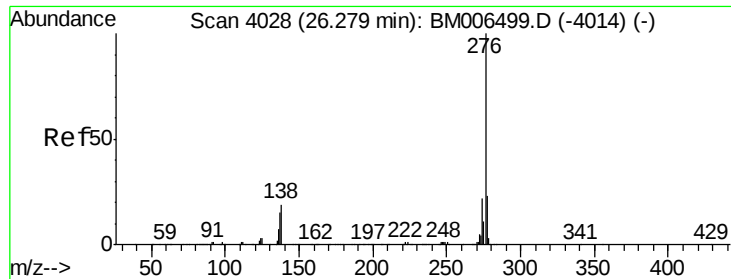
sohil
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#90
 Dibenzo(a,h)anthracene
 Concen: 3.38 ng/ul
 RT: 25.61 min Scan# 3914
 Delta R.T. -0.01 min
 Lab File: BM006510.D
 Acq: 17 Jul 2016 11:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.7	17.5#
279	26.7	19.2	28.8





#91
 Benzo(g,h,i)perylene
 Concen: 9.37 ng/ul
 RT: 26.28 min Scan# 4028
 Delta R.T. 0.00 min
 Lab File: BM006510.D
 Acq: 17 Jul 2016 11:10

Instrument :
 BNA_M
 ClientSampleId :
 BDJ41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.0	22.4
277	22.8	19.0	28.4

Manual Integrations

sohil
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