

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060917\
 Data File : BE093089.D
 Acq On : 9 Jun 2017 13:45
 Operator : SJ/MA
 Sample : MDL-S-04
 Misc : 0.07 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-S-04

Manual Integrations
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Quant Time: Jun 09 15:36:10 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 17:42:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	3960	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	17765	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8864	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	24544	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	28038	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	25892	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	9609	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	23511	0.35	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.57	128	2920	0.066	ng/ul#	96
5) 2-Methylnaphthalene	12.19	142	1904	0.063	ng/ul	98
7) Acenaphthylene	14.08	152	2242	0.059	ng/ul	97
8) Acenaphthene	14.43	153	1967	0.064	ng/ul	96
9) Fluorene	15.42	166	2215	0.062	ng/ul	96
11) Pentachlorophenol	16.75	266	188	0.052	ng/ul	90
12) Phenanthrene	17.14	178	4435	0.066	ng/ul#	87
13) Anthracene	17.22	178	3448	0.059	ng/ul#	89
15) Fluoranthene	19.15	202	4901	0.059	ng/ul	84
17) Pyrene	19.51	202	4994	0.060	ng/ul#	89
18) Benzo(a)anthracene	21.24	228	4770	0.064	ng/ul#	85
19) Chrysene	21.30	228	5200	0.067	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	4584	0.058	ng/ul	93
22) Benzo(k)fluoranthene	22.98	252	5060m	0.061	ng/ul	
23) Benzo(a)pyrene	23.56	252	4514	0.061	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	26.18	276	5188	0.060	ng/ul#	91
25) Dibenzo(a,h)anthracene	26.21	278	4436	0.061	ng/ul#	83
26) Benzo(g,h,i)perylene	26.95	276	4545	0.062	ng/ul#	92

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

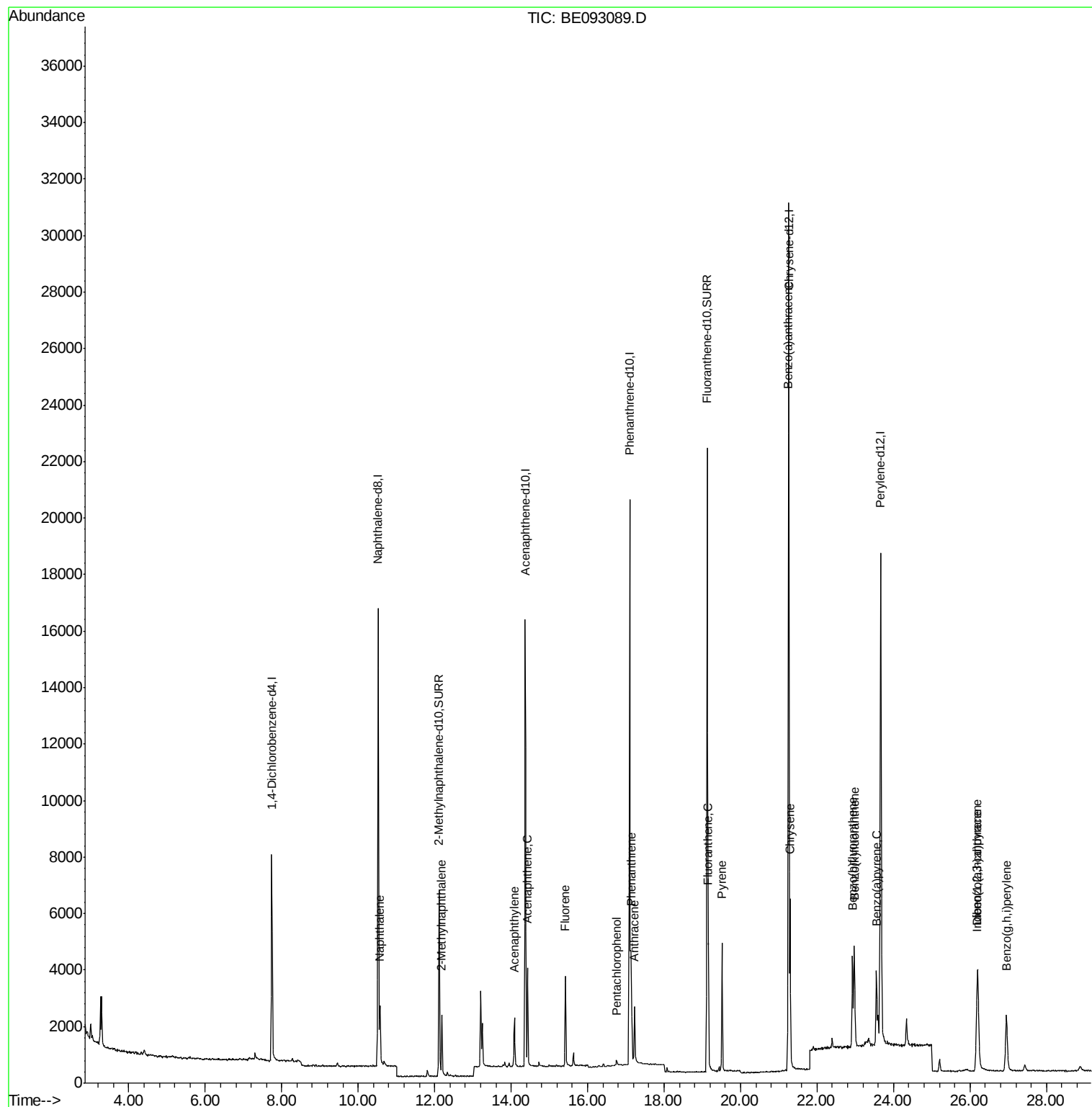
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060917\
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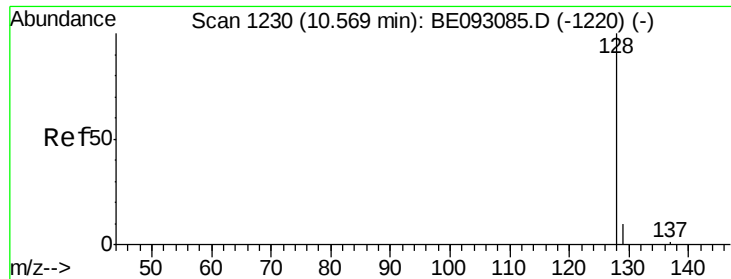
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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#3

Naphthalene

Concen: 0.066 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Instrument :

BNA_E

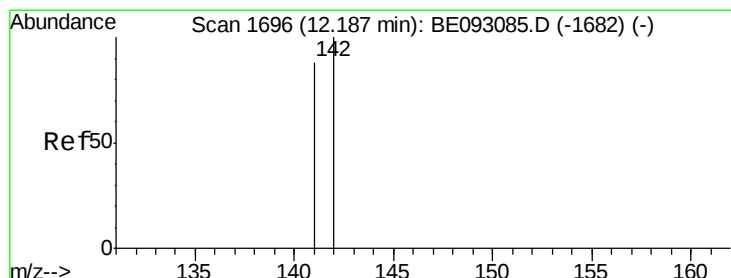
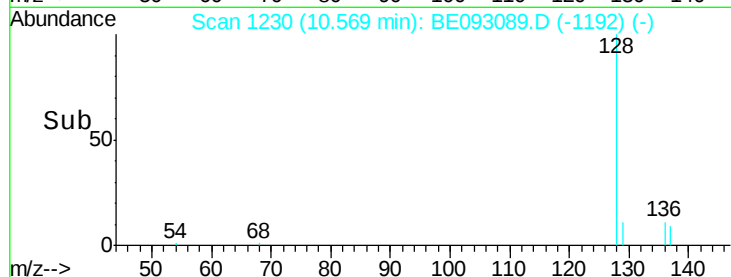
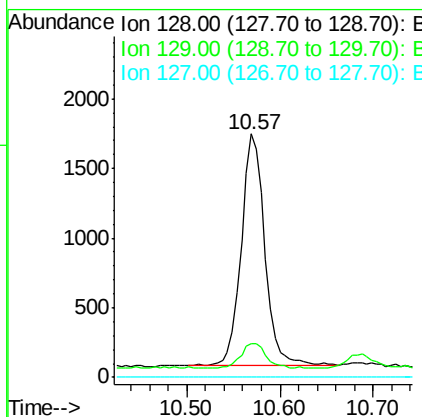
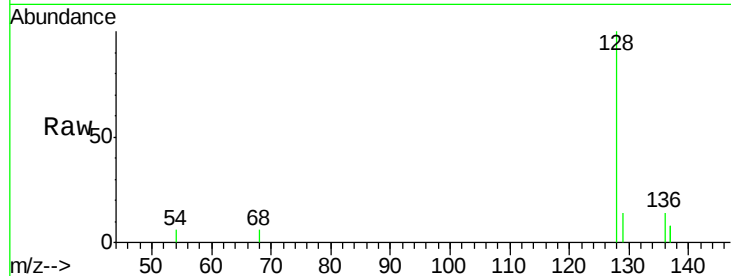
ClientSampleId :

MDL-S-04

Tgt Ion:	128	Resp:	2920
Ion Ratio	Lower	Upper	
128	100		
129	14.1	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.063 ng/ul

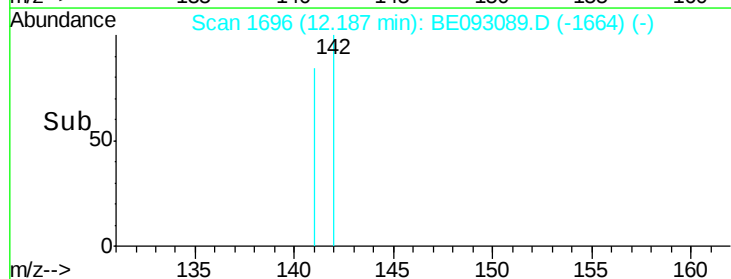
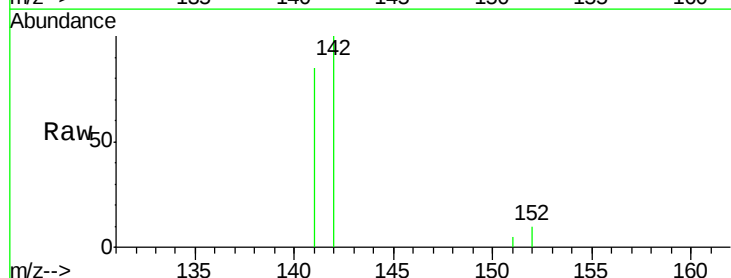
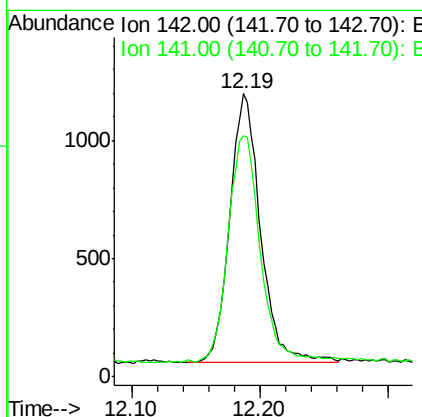
RT: 12.19 min Scan# 1696

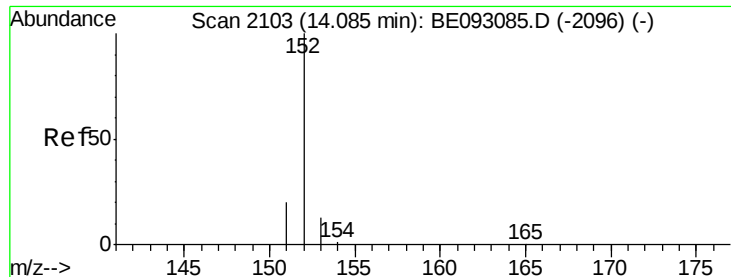
Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Tgt Ion:	142	Resp:	1904
Ion Ratio	Lower	Upper	
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.059 ng/ul

RT: 14.08 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Instrument :

BNA_E

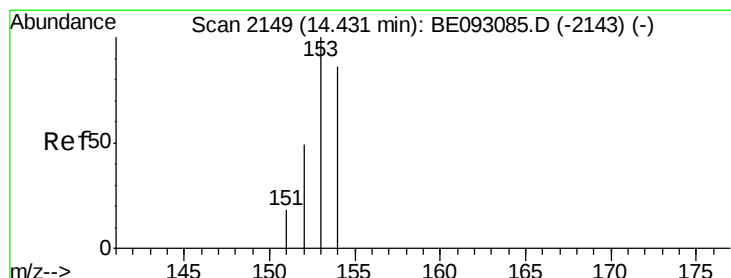
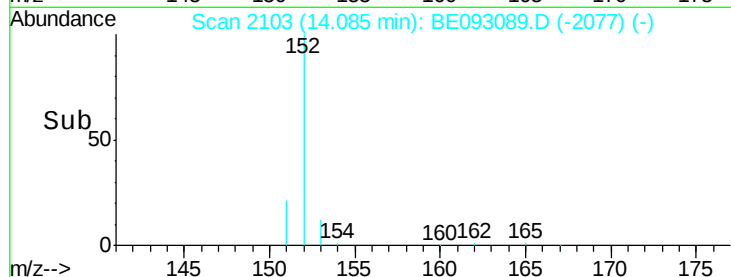
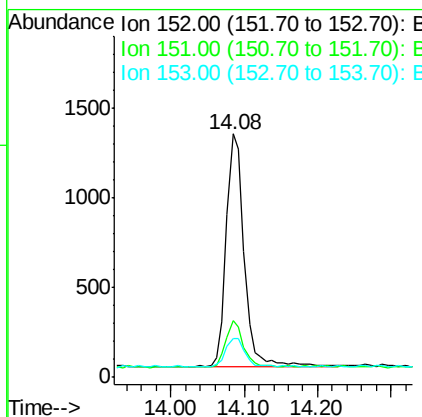
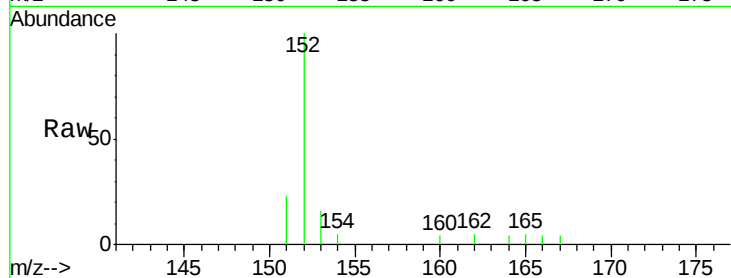
ClientSampleId :

MDL-S-04

Tgt Ion:	152	Resp:	2242
Ion Ratio	Lower	Upper	
152	100		
151	23.4	17.1	25.7
153	16.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.064 ng/ul

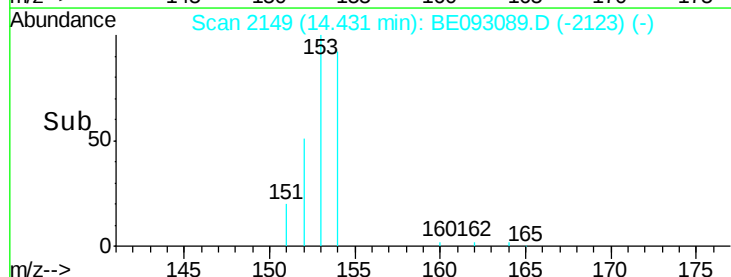
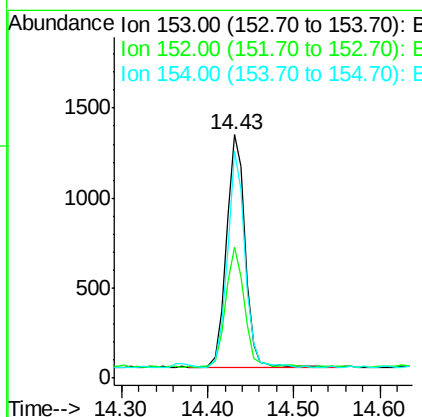
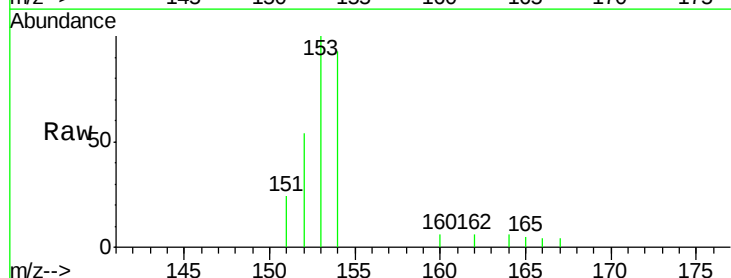
RT: 14.43 min Scan# 2149

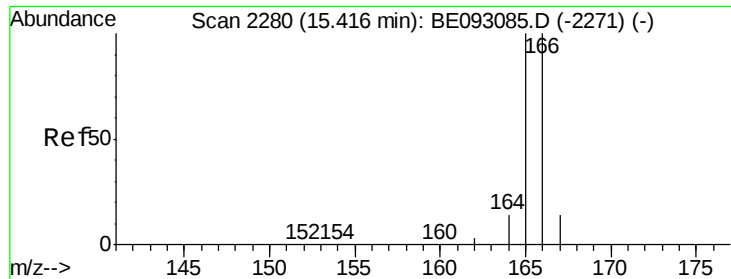
Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Tgt Ion:	153	Resp:	1967
Ion Ratio	Lower	Upper	
153	100		
152	53.9	40.3	60.5
154	93.1	71.4	107.2





#9

Fluorene

Concen: 0.062 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Instrument :

BNA_E

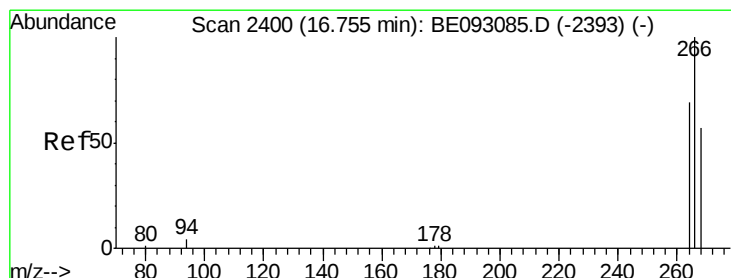
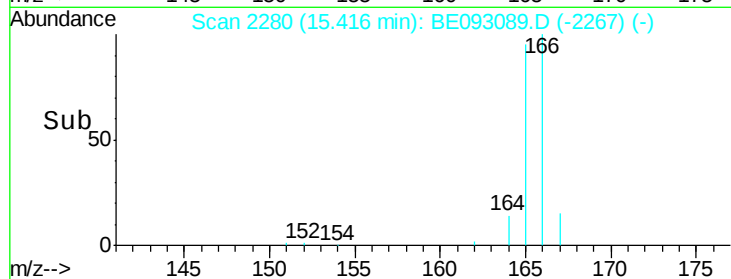
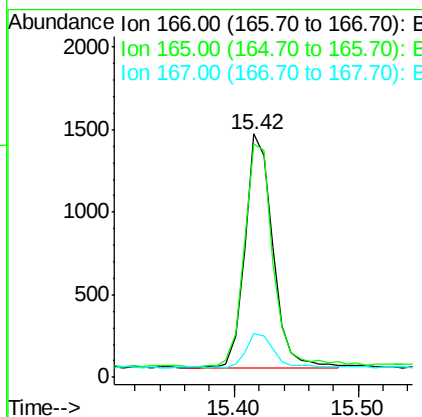
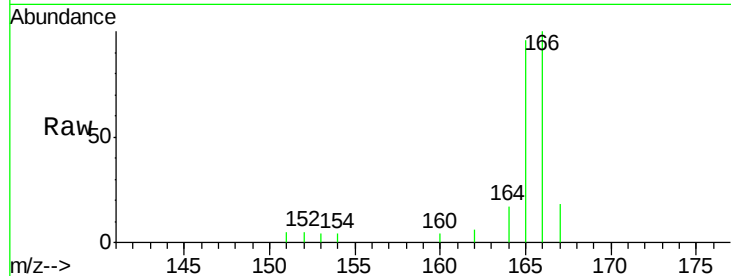
ClientSampleId :

MDL-S-04

Tgt Ion:	166	Resp:	2215
Ion Ratio	Lower	Upper	
166	100		
165	95.8	73.4	110.2
167	18.2	14.6	22.0

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#11

Pentachlorophenol

Concen: 0.052 ng/ul

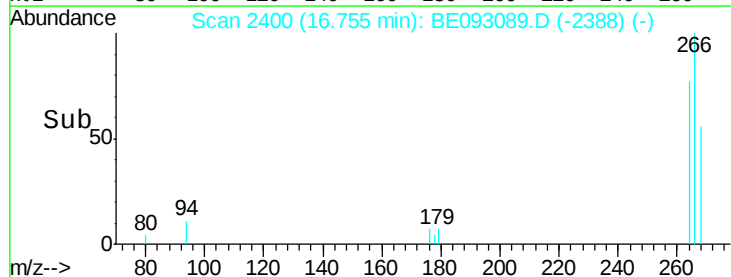
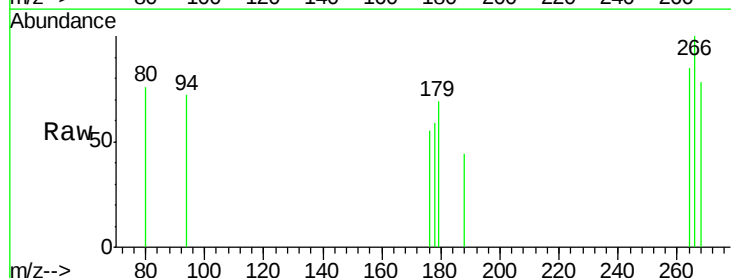
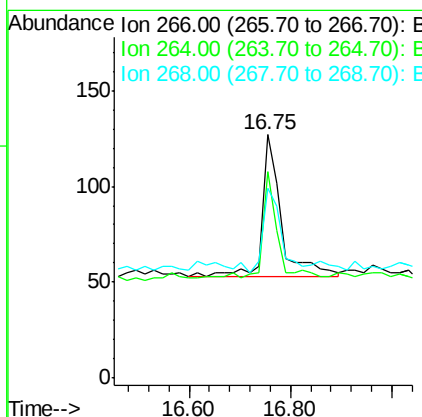
RT: 16.75 min Scan# 2400

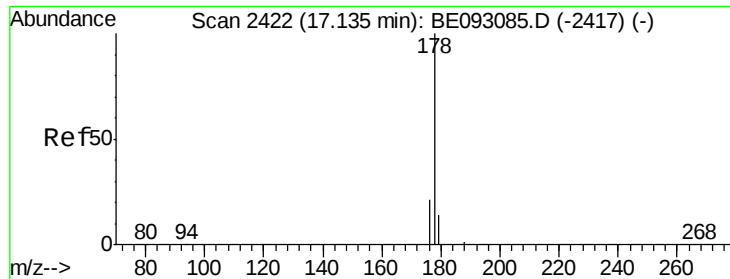
Delta R.T. 0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Tgt Ion:	266	Resp:	188
Ion Ratio	Lower	Upper	
266	100		
264	55.9	47.9	71.9
268	51.1	49.8	74.8





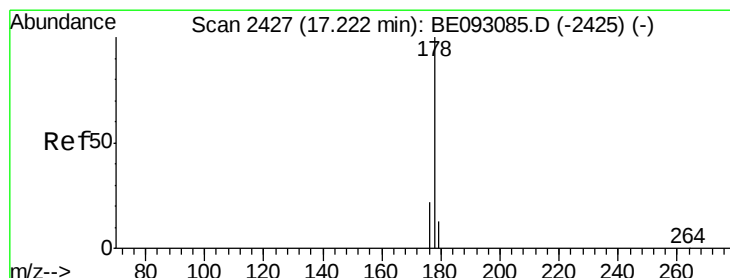
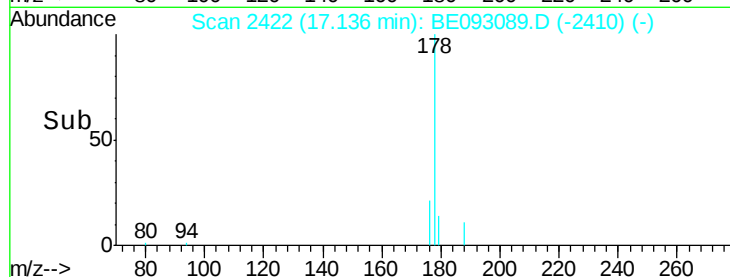
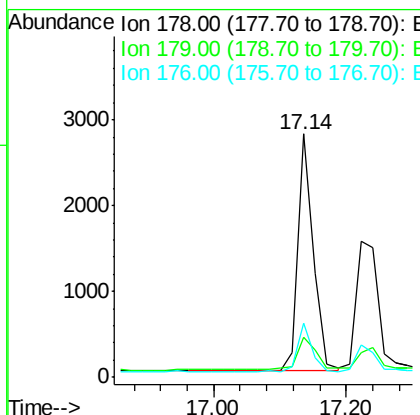
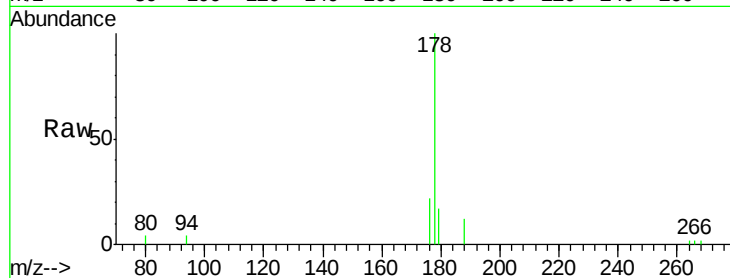
#12
Phenanthrene
Concen: 0.066 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093089.D
Acq: 9 Jun 2017 13:45

Instrument :
BNA_E
ClientSampleId :
MDL-S-04

Tgt Ion:178 Resp: 4435
Ion Ratio Lower Upper
178 100
179 16.5 18.4 27.6#
176 22.4 13.6 20.4#

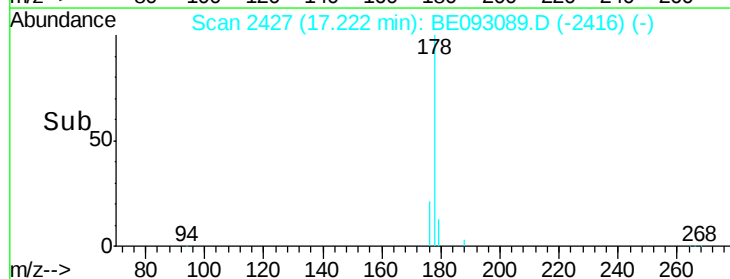
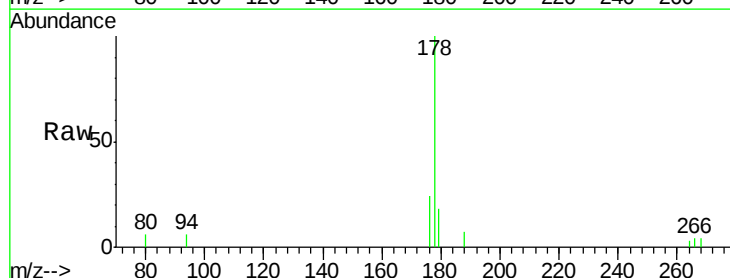
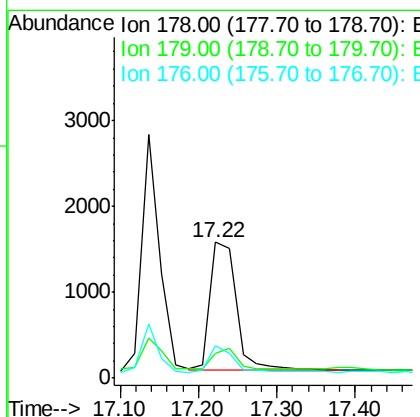
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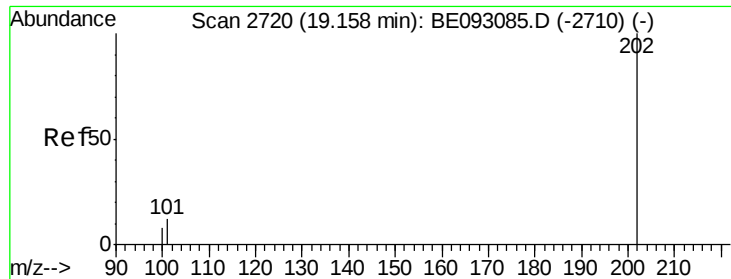
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#13
Anthracene
Concen: 0.059 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. -0.02 min
Lab File: BE093089.D
Acq: 9 Jun 2017 13:45

Tgt Ion:178 Resp: 3448
Ion Ratio Lower Upper
178 100
179 18.0 18.1 27.1#
176 24.1 14.7 22.1#





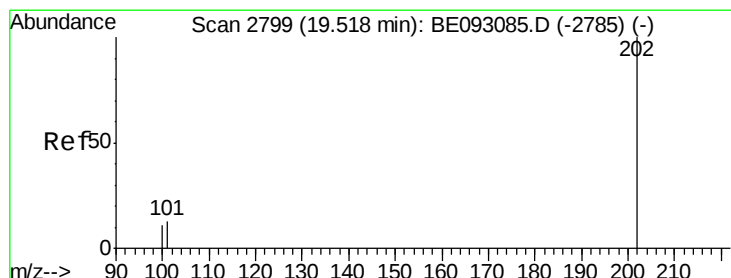
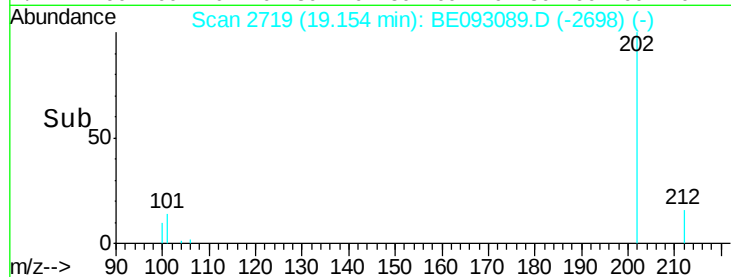
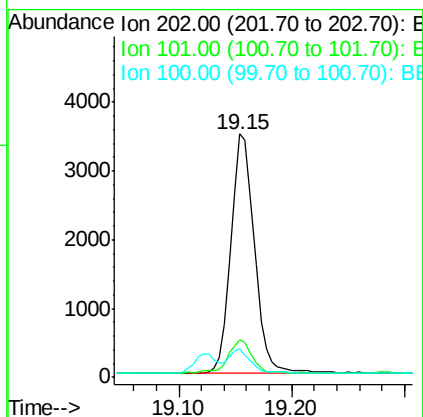
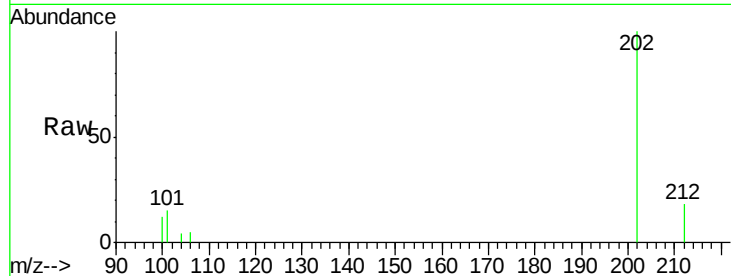
#15
Fluoranthene
Concen: 0.059 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093089.D
Acq: 9 Jun 2017 13:45

Instrument :
BNA_E
ClientSampleId :
MDL-S-04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4901		
101	15.4	0.0	30.3	
100	11.8	0.0	39.5	

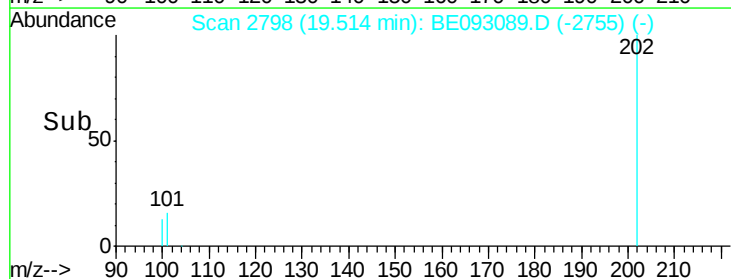
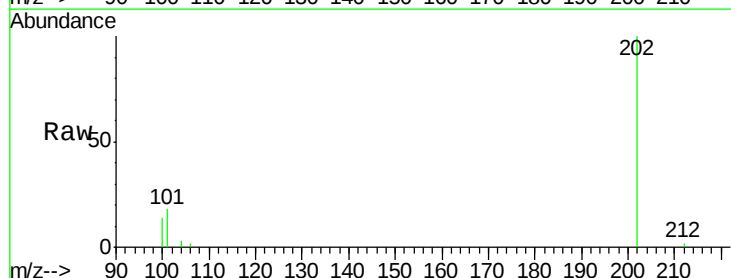
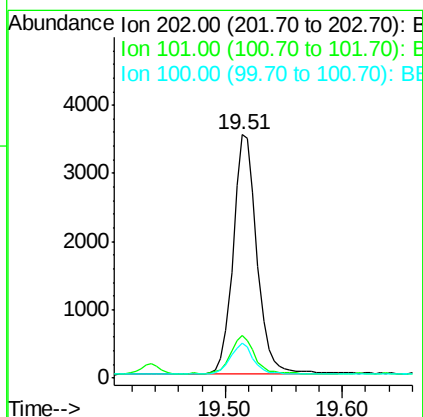
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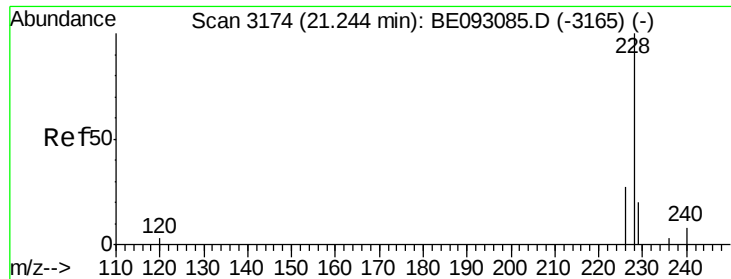
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#17
Pyrene
Concen: 0.060 ng/ul
RT: 19.51 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093089.D
Acq: 9 Jun 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4994		
101	17.7	18.2	27.4#	
100	14.4	15.6	23.4#	





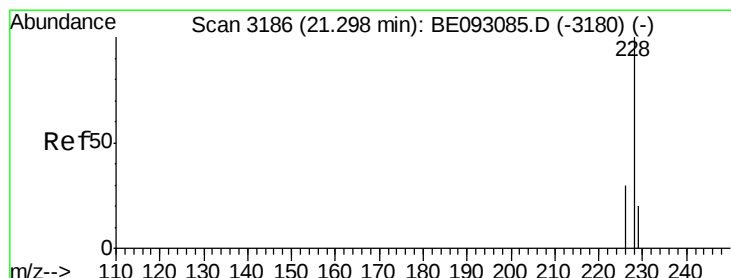
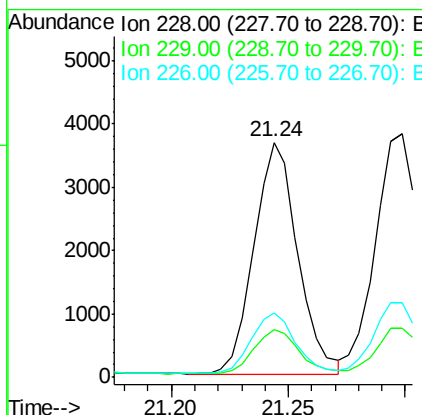
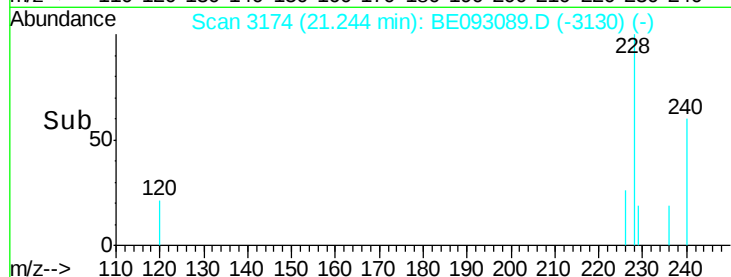
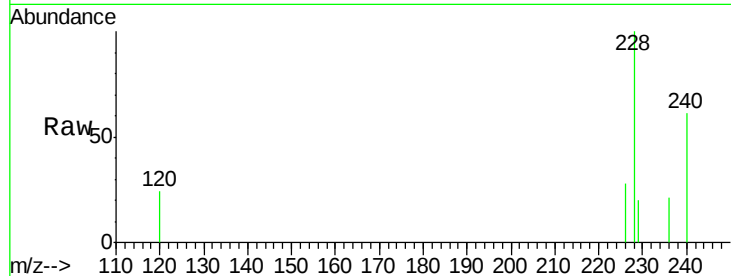
#18
Benzo(a)anthracene
Concen: 0.064 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093089.D
Acq: 9 Jun 2017 13:45

Instrument :
BNA_E
ClientSampleId :
MDL-S-04

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	22.8	34.2#
226	27.6	17.0	25.6#

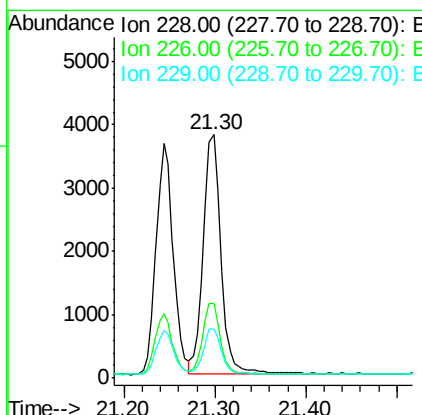
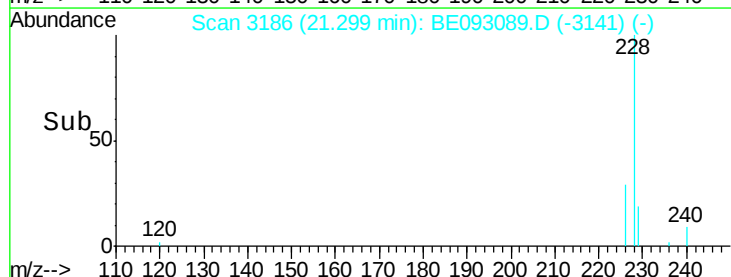
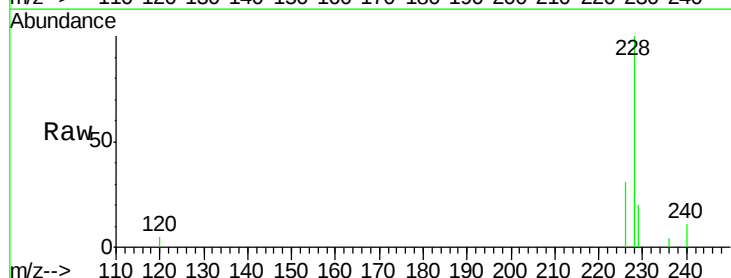
Manual Integrations
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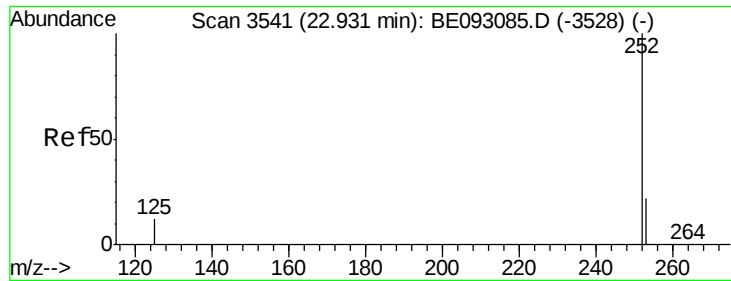
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#19
Chrysene
Concen: 0.067 ng/ul
RT: 21.30 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BE093089.D
Acq: 9 Jun 2017 13:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	19.9	17.7	26.5





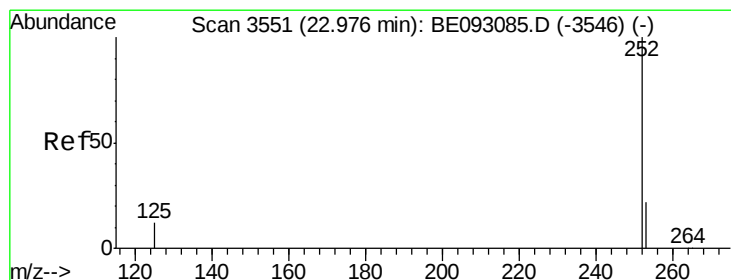
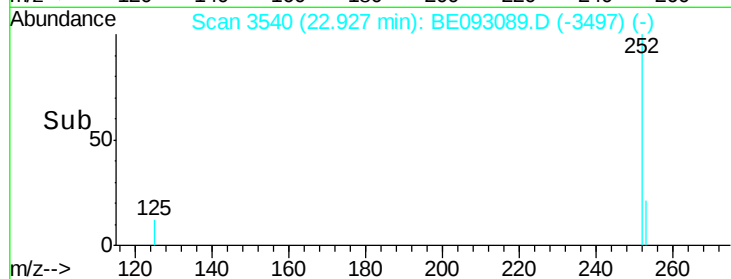
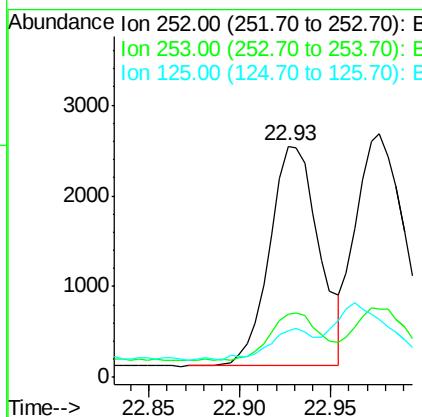
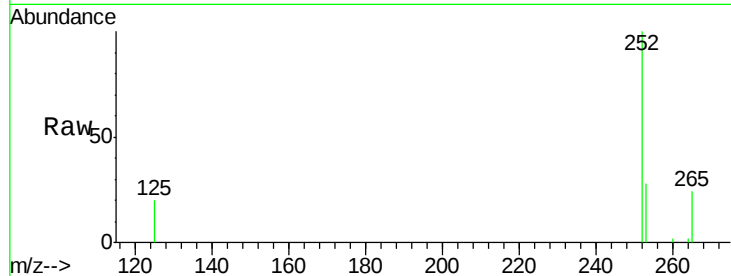
#21
Benzo(b)fluoranthene
Concen: 0.058 ng/u1
RT: 22.93 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BE093089.D
Acq: 9 Jun 2017 13:45

Instrument :
BNA_E
ClientSampleId :
MDL-S-04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	0.0	64.2
125	20.0	0.0	35.0

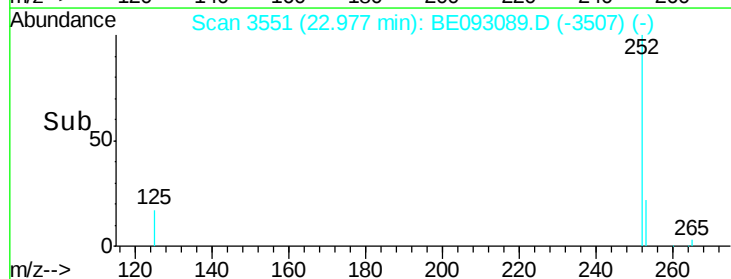
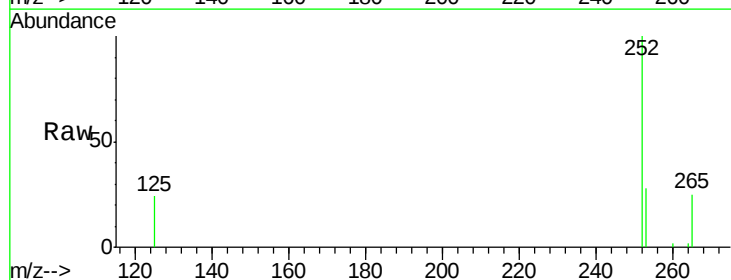
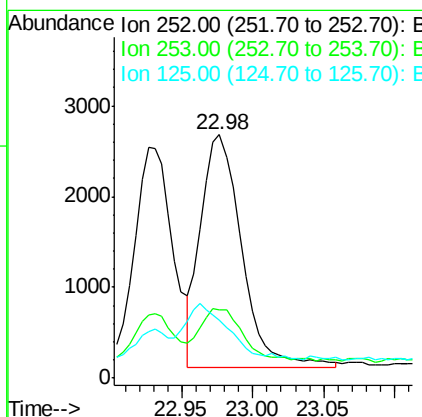
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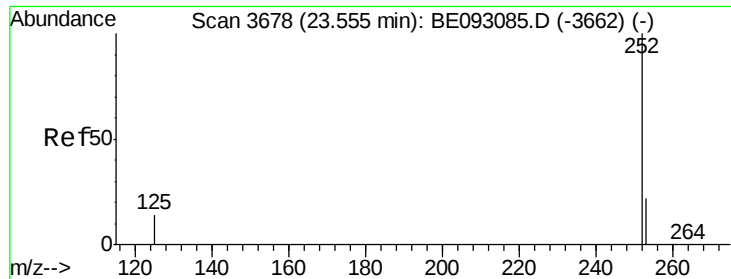
mohammad
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#22
Benzo(k)fluoranthene
Concen: 0.061 ng/u1 m
RT: 22.98 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BE093089.D
Acq: 9 Jun 2017 13:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	24.5	36.7
125	23.9	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.061 ng/u1

RT: 23.56 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Instrument :

BNA_E

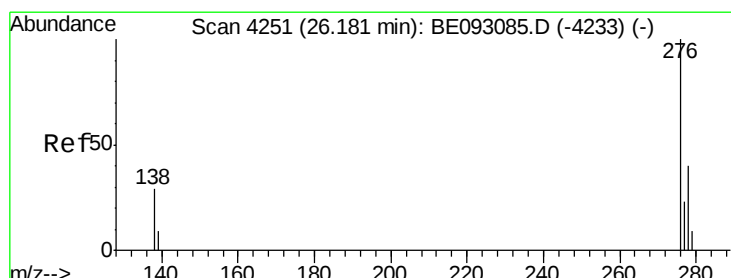
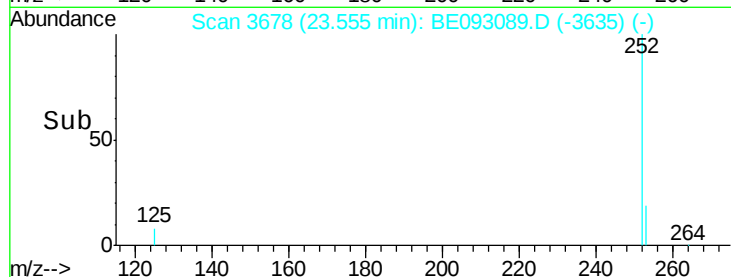
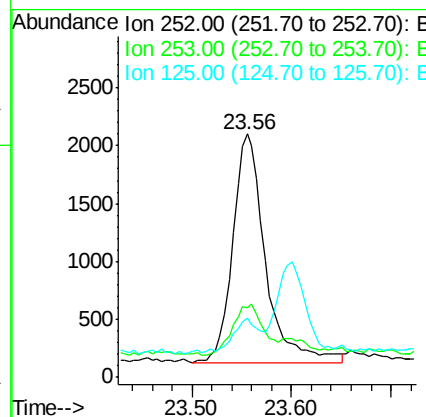
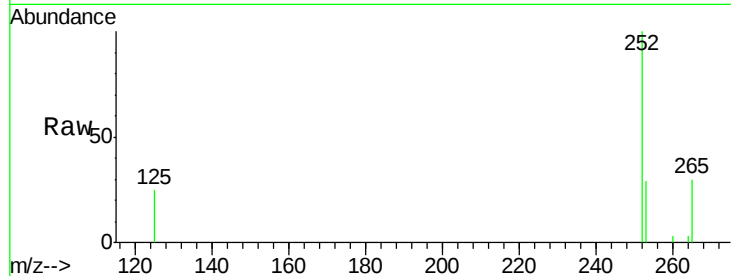
ClientSampleId :

MDL-S-04

Tgt Ion:	252	Resp:	4514
Ion Ratio	Lower	Upper	
252	100		
253	28.6	28.5	42.7
125	24.6	18.1	27.1

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.060 ng/u1

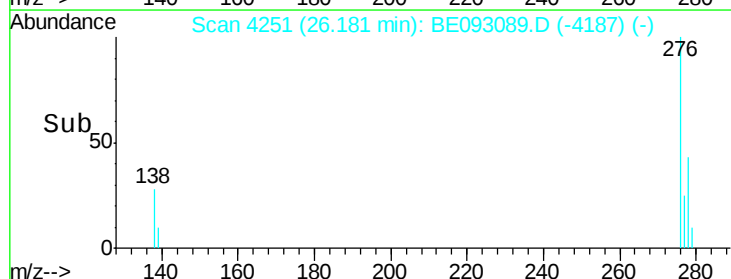
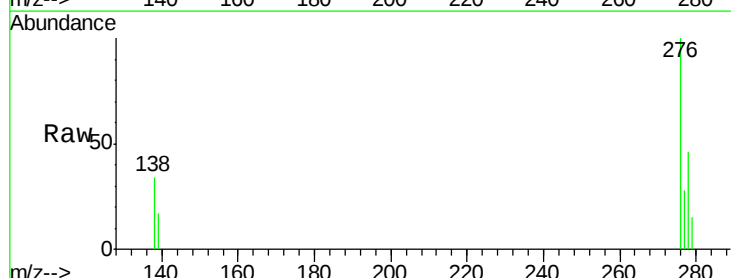
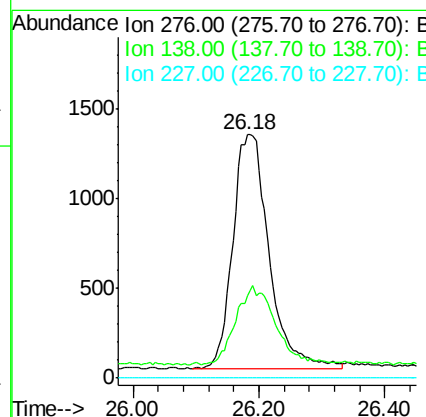
RT: 26.18 min Scan# 4251

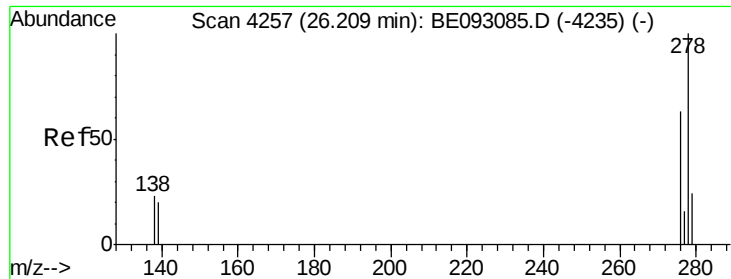
Delta R.T. -0.01 min

Lab File: BE093089.D

Acq: 9 Jun 2017 13:45

Tgt Ion:	276	Resp:	5188
Ion Ratio	Lower	Upper	
276	100		
138	37.3	28.0	42.0
227	0.0	8.0	12.0#





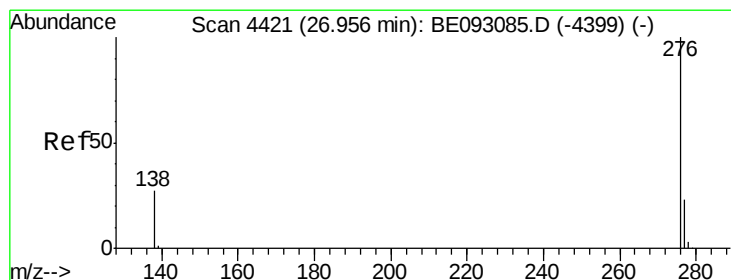
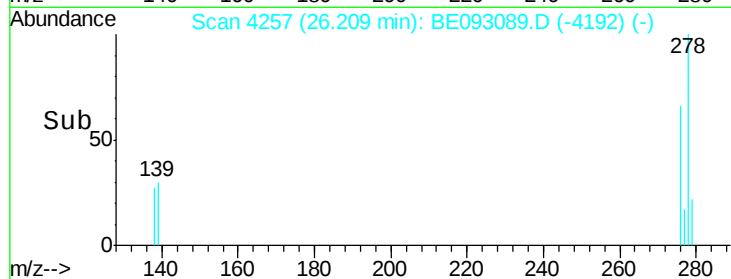
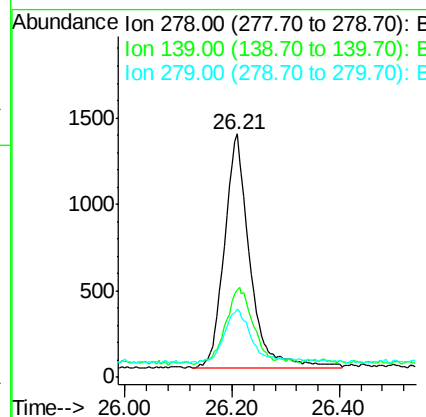
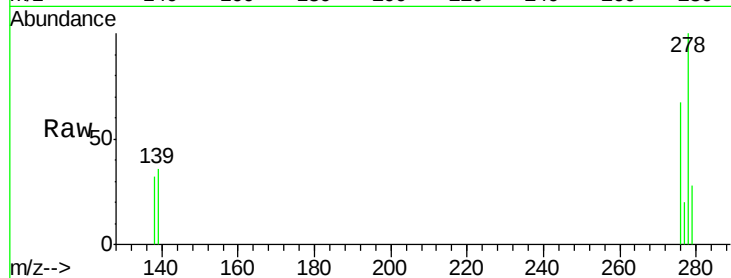
#25
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 26.21 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BE093089.D
Acq: 9 Jun 2017 13:45

Instrument :
BNA_E
ClientSampleId :
MDL-S-04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.9	17.4	26.0#
279	28.1	25.9	38.9

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.062 ng/ul
RT: 26.95 min Scan# 4420
Delta R.T. -0.00 min
Lab File: BE093089.D
Acq: 9 Jun 2017 13:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.5	21.8	32.8#
277	27.9	20.5	30.7

