

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051718\
 Data File : BE096606.D
 Acq On : 17 May 2018 12:59
 Operator : SJ/JU
 Sample : J2923-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

Manual Integrations
 APPROVED

Sohil
 5/18/2018 4:33:02 PM

Quant Time: May 18 05:36:47 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 13:02:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	637	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2658	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1575	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3654	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3380	0.40	ng	0.00
34) Perylene-d12	24.33	264	3088	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.86	112	533	0.30	ng	0.00
5) Phenol-d6	7.50	99	706	0.28	ng	0.00
8) Nitrobenzene-d5	9.53	82	987	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1610	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	148	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2355	0.35	ng	0.00
25) Fluoranthene-d10	19.62	212	15979	0.36	ng	0.00
29) Terphenyl-d14	20.18	244	2516	0.33	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	100	0.105	ng	97
3) n-Nitrosodimethylamine	3.98	42	75	0.063	ng	# 74
6) bis(2-Chloroethyl)ether	7.75	93	198	0.085	ng	98
9) Naphthalene	11.22	128	2577	0.092	ng	# 93
10) Hexachlorobutadiene	11.49	225	126	0.081	ng	# 88
12) 2-Methylnaphthalene	12.79	142	428	0.089	ng	# 92
16) Acenaphthylene	14.66	152	697	0.085	ng	97
17) Acenaphthene	14.99	154	440	0.088	ng	92
18) Fluorene	15.96	166	550	0.088	ng	# 78
20) 4-Bromophenyl-phenylether	16.82	248	180	0.081	ng	# 60
21) Hexachlorobenzene	16.95	284	210	0.091	ng	# 83
22) Pentachlorophenol	17.32	266	22	0.212	ng	95
23) Phenanthrene	17.68	178	891	0.087	ng	99
24) Anthracene	17.76	178	785	0.082	ng	96
26) Fluoranthene	19.65	202	1048	0.085	ng	98
28) Pyrene	20.00	202	480	0.079	ng	# 94
30) Benzo(a)anthracene	21.72	228	900	0.087	ng	94
31) Chrysene	21.78	228	957m	0.088	ng	
32) Bis(2-ethylhexyl)phthalate	21.58	149	1803	0.081	ng	# 99
33) Indeno(1,2,3-cd)pyrene	27.11	276	818	0.079	ng	94
35) Benzo(b)fluoranthene	23.53	252	821	0.086	ng	# 88
36) Benzo(k)fluoranthene	23.58	252	879	0.087	ng	# 71
37) Benzo(a)pyrene	24.21	252	758	0.083	ng	# 68
38) Dibenzo(a,h)anthracene	27.12	278	657	0.079	ng	# 62
39) Benzo(g,h,i)perylene	27.96	276	702	0.081	ng	# 75

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

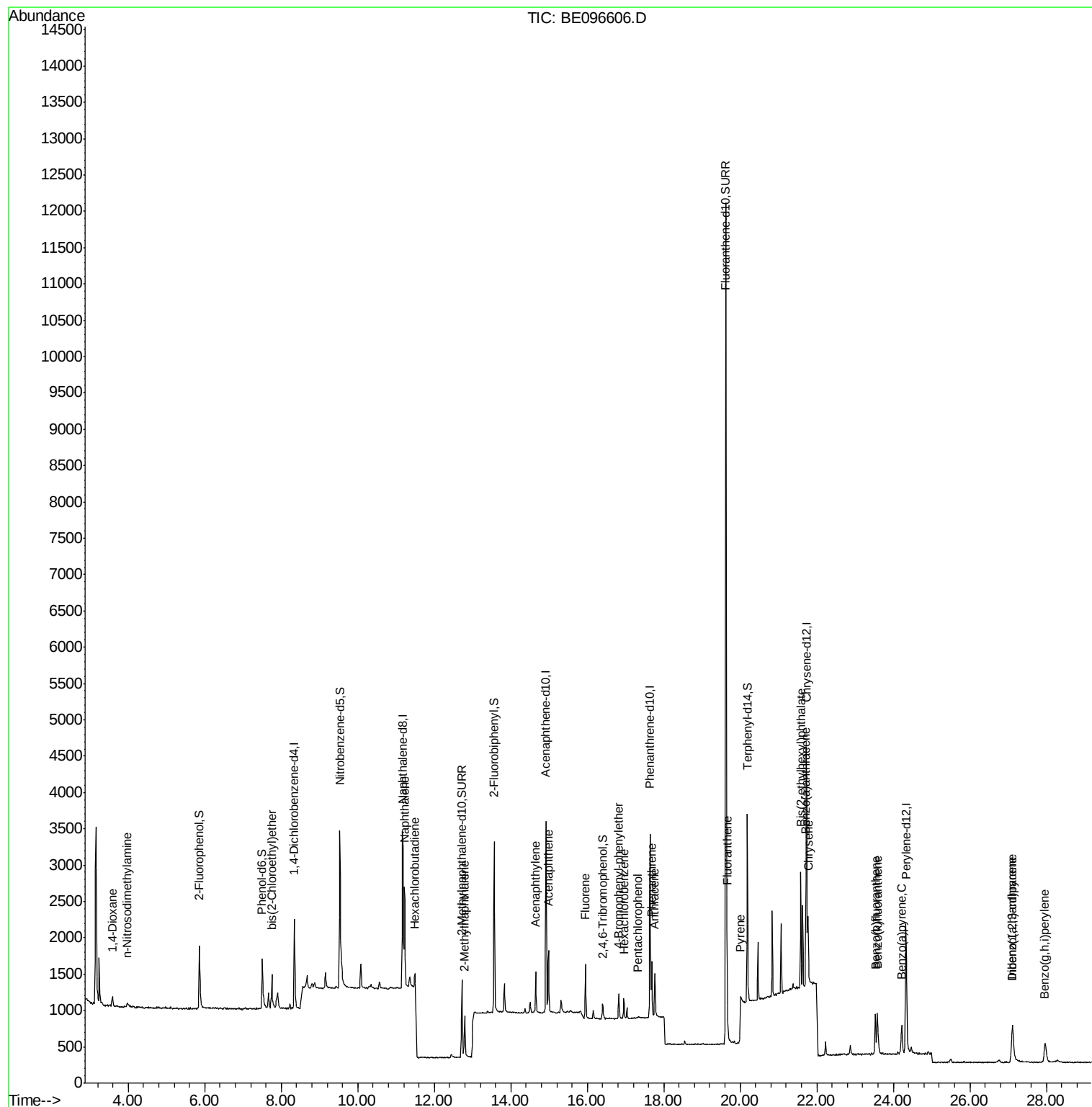
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051718\
Data File : BE096606.D
Acq On : 17 May 2018 12:59
Operator : SJ/JU
Sample : J2923-01
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Sohil
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Quant Time: May 18 05:36:47 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 13:02:03 2018
Response via : Initial Calibration

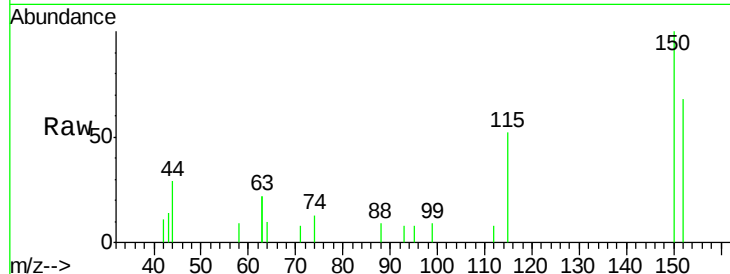




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.34 min Scan# 560
Delta R.T. 0.00 min
Lab File: BE096606.D
Acq: 17 May 2018 12:59

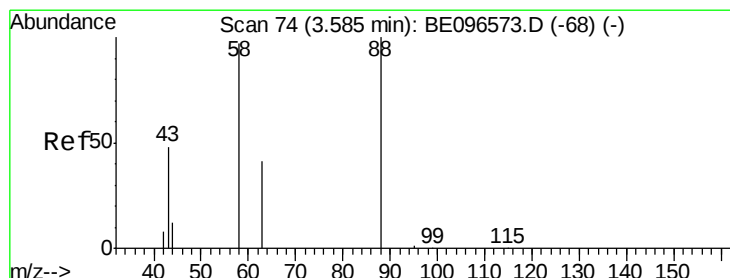
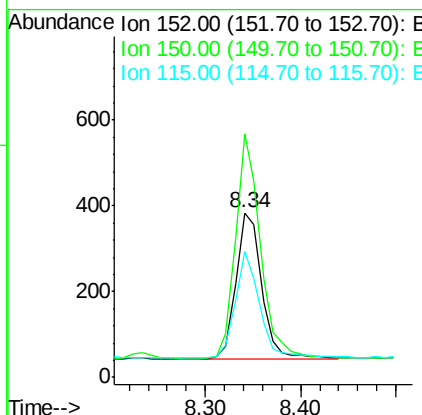
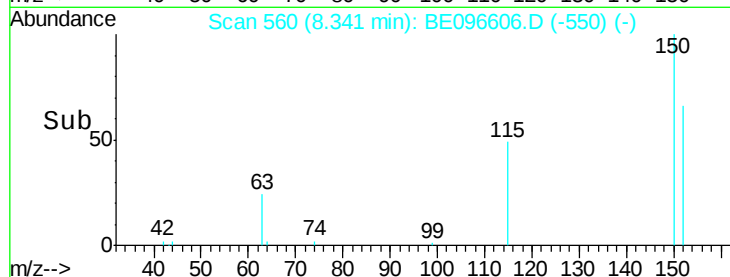
Instrument :
BNA_E
ClientSampleId :
LOQ-SCM-Precision-Bias-1



Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.9	117.2	175.8
115	76.8	57.0	85.6

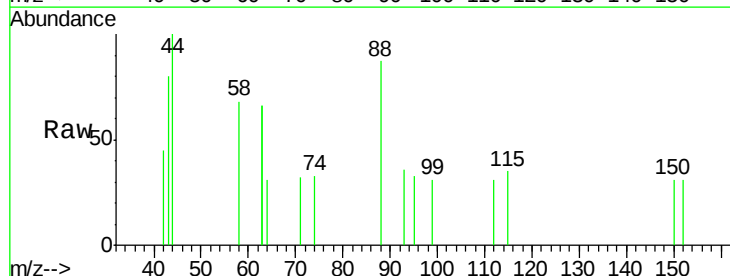
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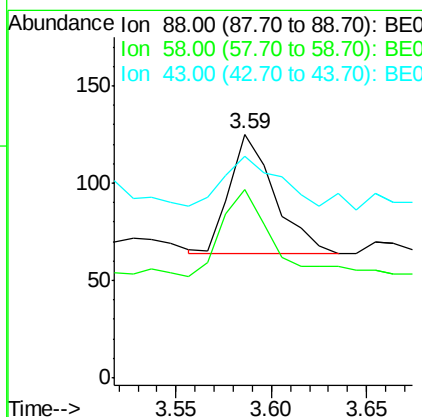
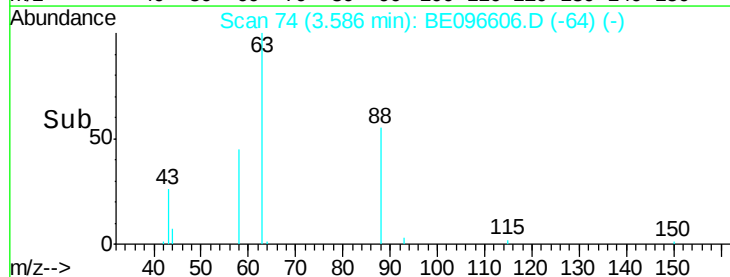


#2

1,4-Dioxane
Concen: 0.105 ng
RT: 3.59 min Scan# 74
Delta R.T. 0.00 min
Lab File: BE096606.D
Acq: 17 May 2018 12:59



Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	63.2	94.8
43	50.0	41.2	61.8





#3

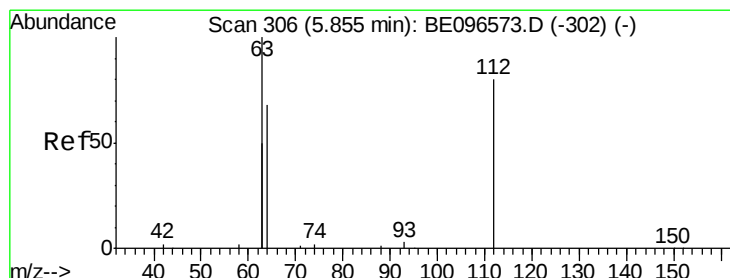
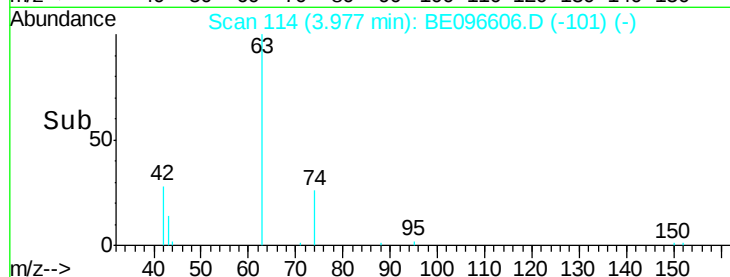
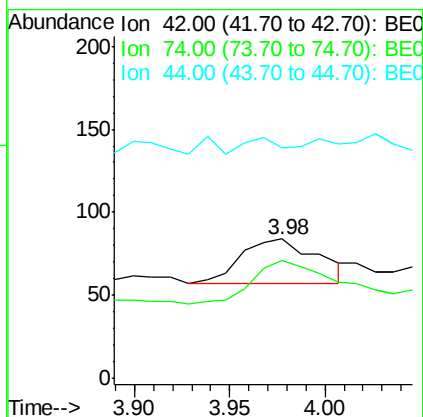
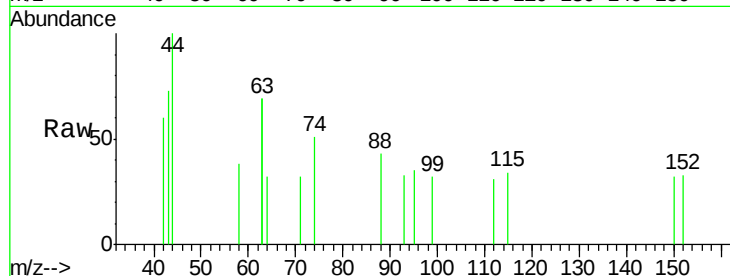
n-Nitrosodimethylamine
 Concen: 0.063 ng
 RT: 3.98 min Scan# 114
 Delta R.T. 0.03 min
 Lab File: BE096606.D
 Acq: 17 May 2018 12:59

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

Tgt Ion	Ratio	Lower	Upper
42	100		
74	88.0	96.0	144.0#
44	16.0	12.0	18.0

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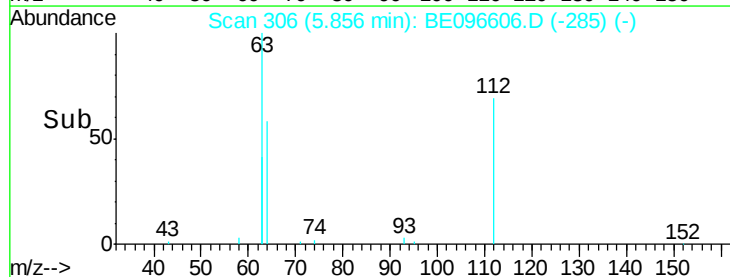
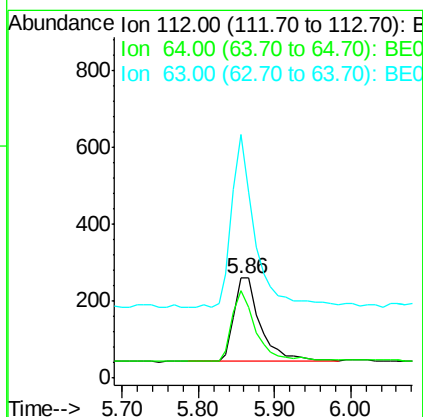
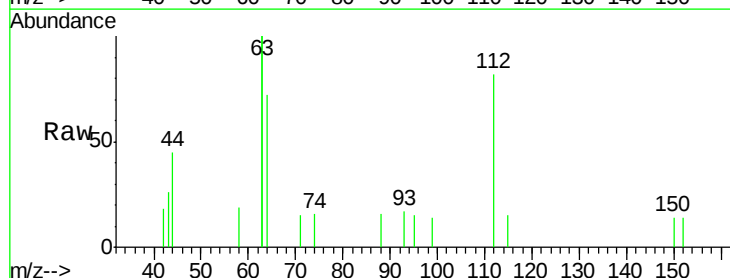
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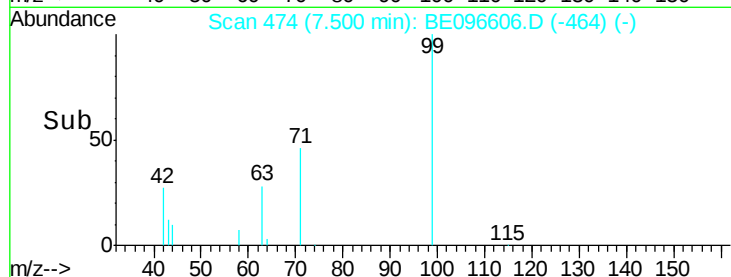
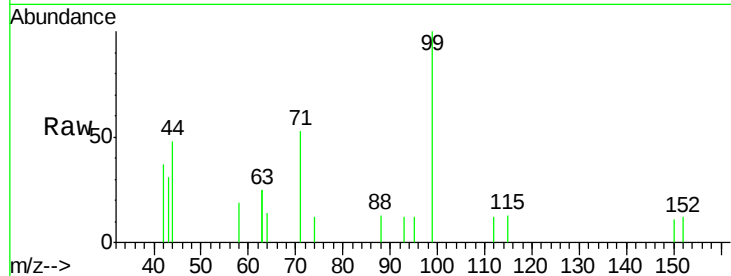
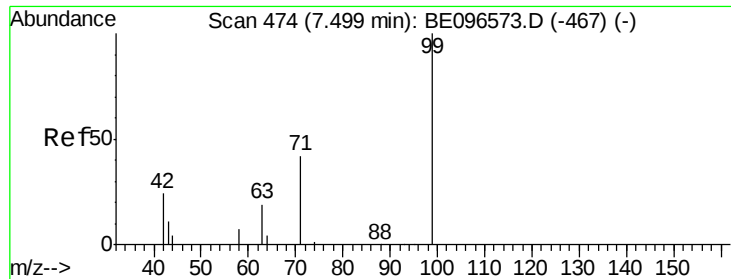


#4

2-Fluorophenol
 Concen: 0.303 ng
 RT: 5.86 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: BE096606.D
 Acq: 17 May 2018 12:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.7	60.1	90.1
63	178.6	116.8	175.2#





#5

Phenol-d6

Concen: 0.284 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.00 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

Tgt Ion:	99	Resp:	706
Ion	Ratio	Lower	Upper
99	100		
42	27.8	20.2	30.2
71	45.2	28.4	42.6

Instrument :

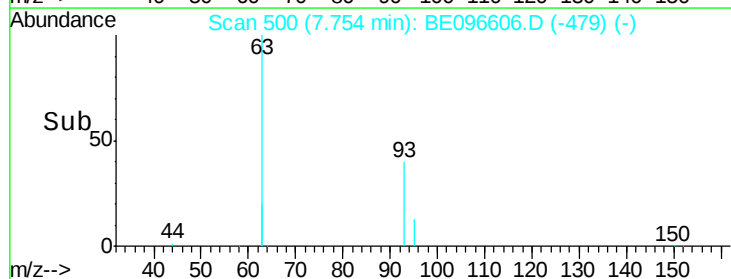
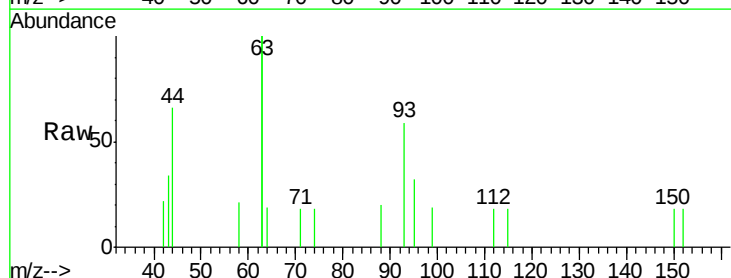
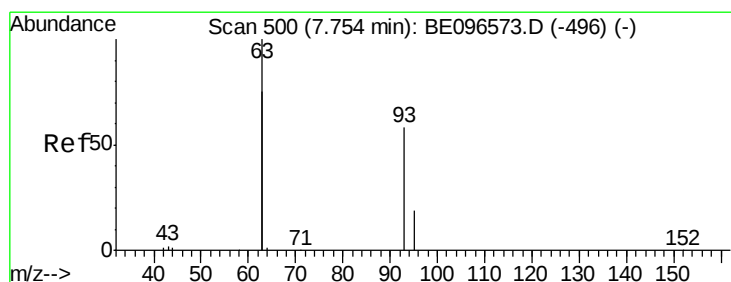
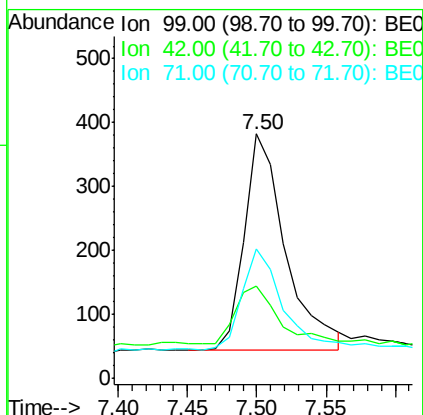
BNA_E

ClientSampleId :

LOQ-SCM-Precision-Bias-1

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#6

bis(2-Chloroethyl)ether

Concen: 0.085 ng

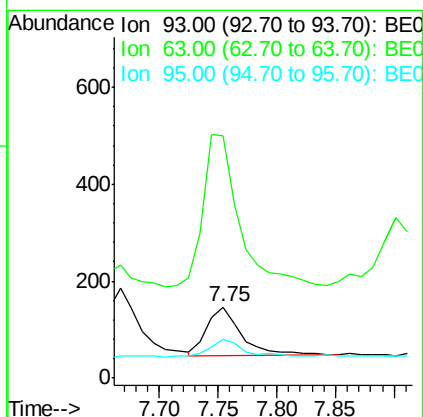
RT: 7.75 min Scan# 500

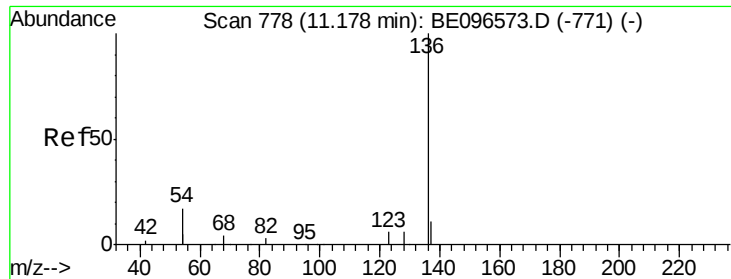
Delta R.T. 0.00 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

Tgt Ion:	93	Resp:	198
Ion	Ratio	Lower	Upper
93	100		
63	341.9	275.3	412.9
95	37.4	25.2	37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.18 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE096606.D

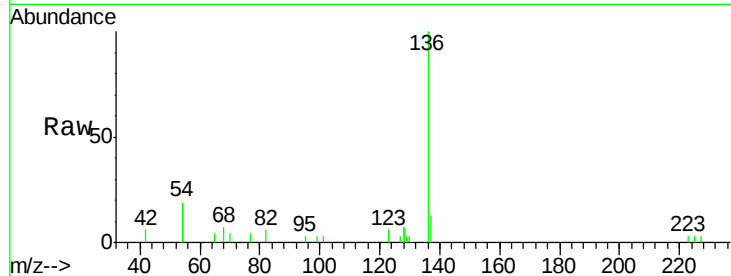
Acq: 17 May 2018 12:59

Instrument :

BNA_E

ClientSampleId :

LOQ-SCM-Precision-Bias-1



Tgt Ion: 136 Resp: 2658

Ion Ratio Lower Upper

136 100

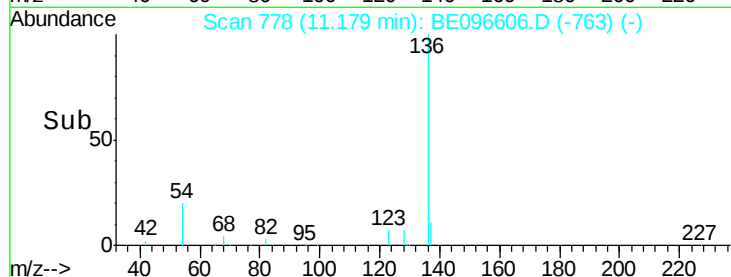
137 13.4 9.5 14.3

54 37.9 29.1 43.7

68 7.3 6.2 9.2

Manual Integrations
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Abundance Ion 136.00 (135.70 to 136.70): E

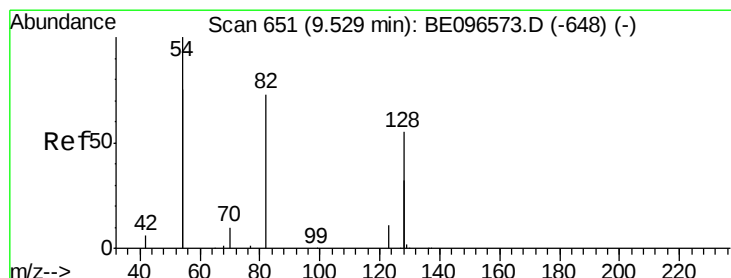
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->

11.10 11.20 11.30



#8

Nitrobenzene-d5

Concen: 0.349 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

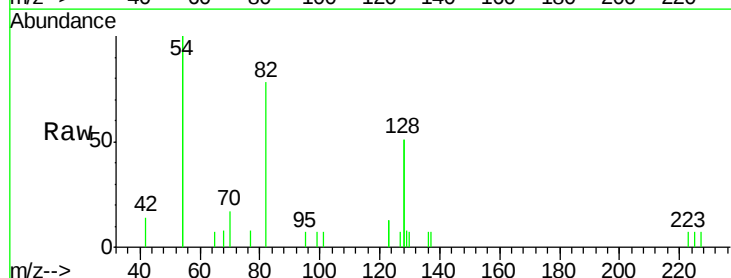
Tgt Ion: 82 Resp: 987

Ion Ratio Lower Upper

82 100

128 131.5 150.0 225.0#

54 255.4 154.2 231.4#



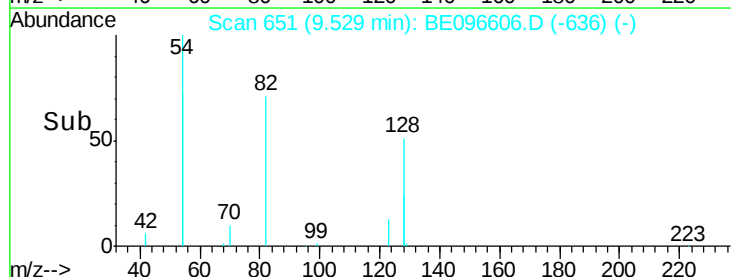
Abundance Ion 82.00 (81.70 to 82.70): BE0

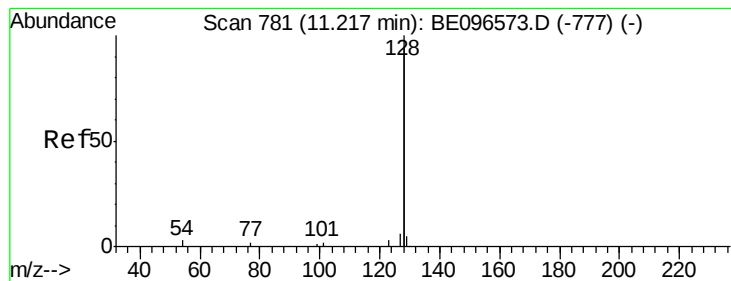
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->

9.40 9.50 9.60 9.70





#9

Naphthalene

Concen: 0.092 ng

RT: 11.22 min Scan# 781

Delta R.T. 0.00 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

Instrument :

BNA_E

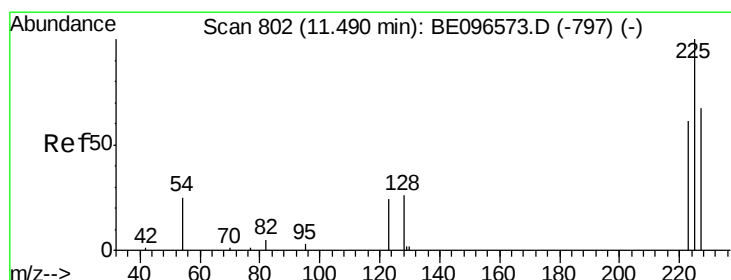
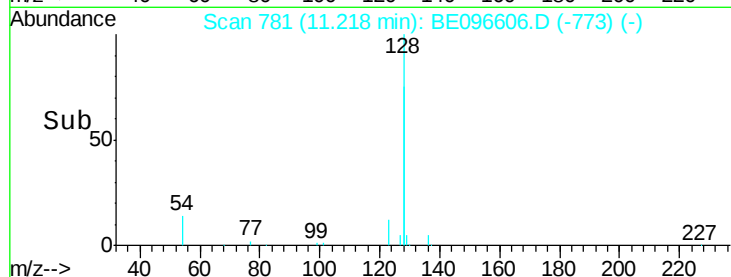
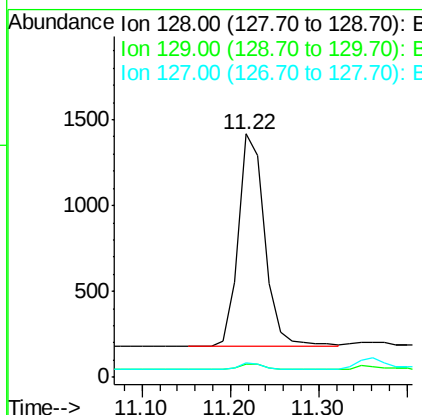
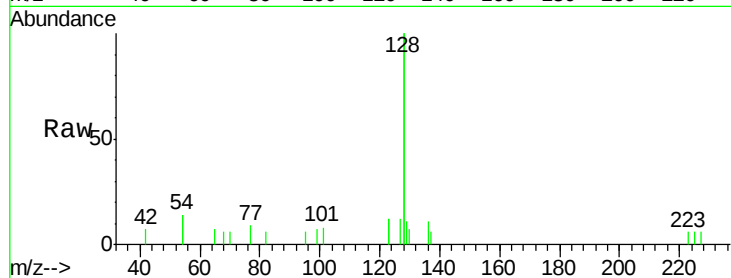
ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tgt Ion:	128	Resp:	2577
Ion Ratio	Lower	Upper	
128	100		
129	5.5	2.6	3.8#
127	5.8	2.8	4.2#

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.081 ng

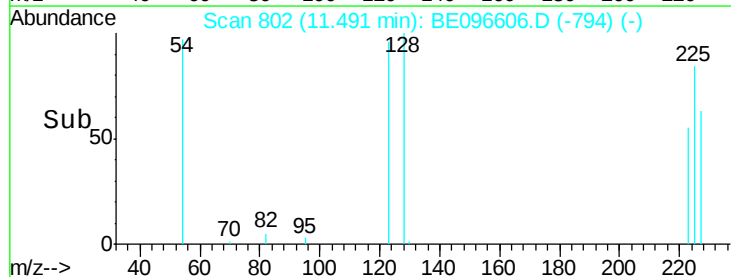
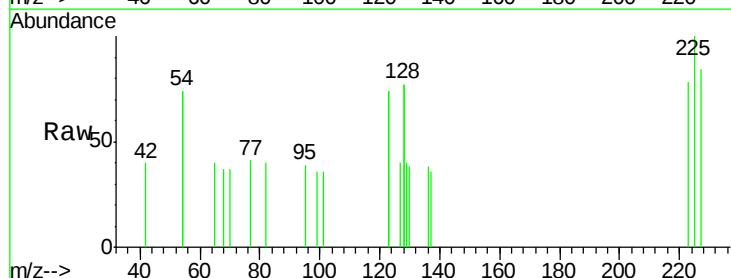
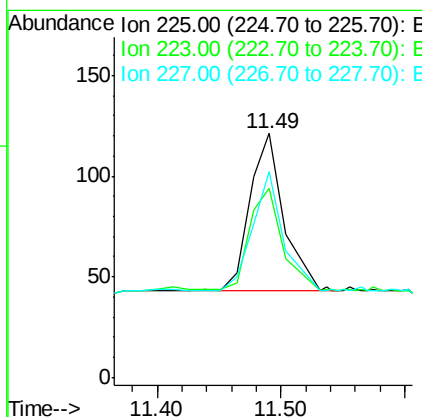
RT: 11.49 min Scan# 802

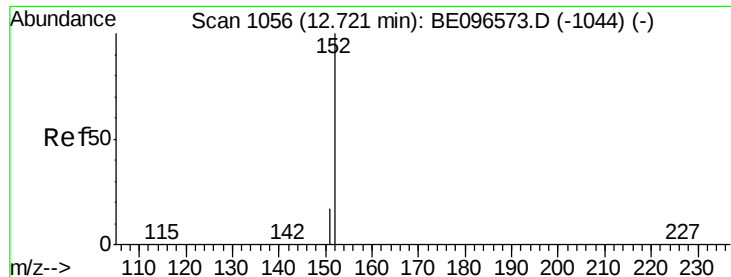
Delta R.T. 0.00 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

Tgt Ion:	225	Resp:	126
Ion Ratio	Lower	Upper	
225	100		
223	70.6	53.0	79.6
227	79.4	51.4	77.2#





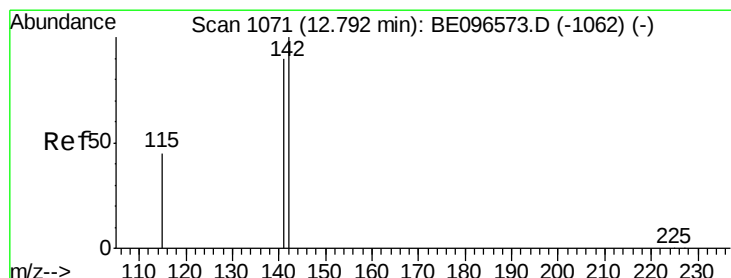
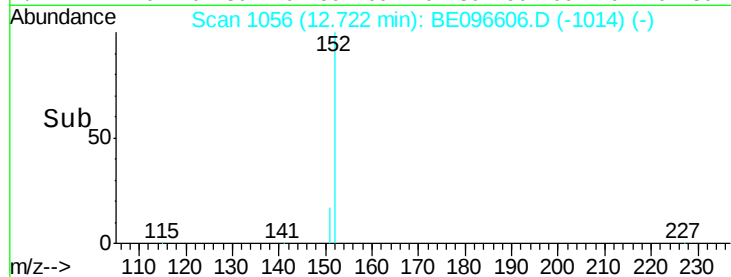
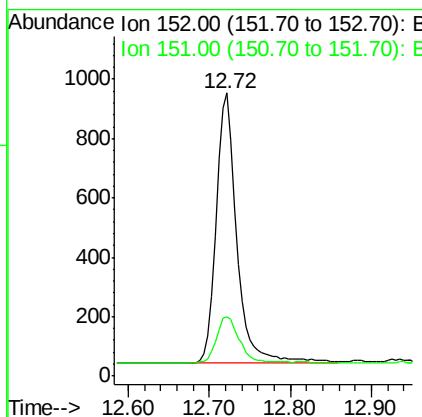
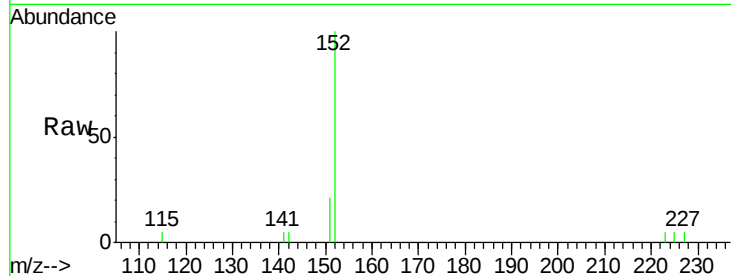
#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 12.72 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BE096606.D
Acq: 17 May 2018 12:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

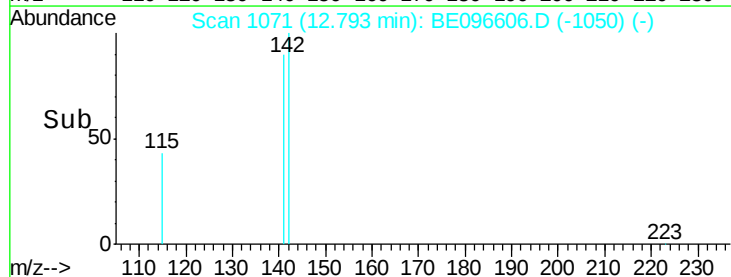
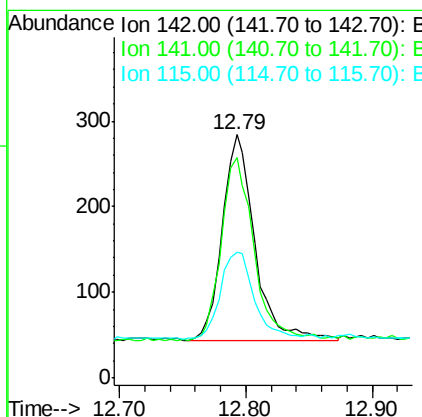
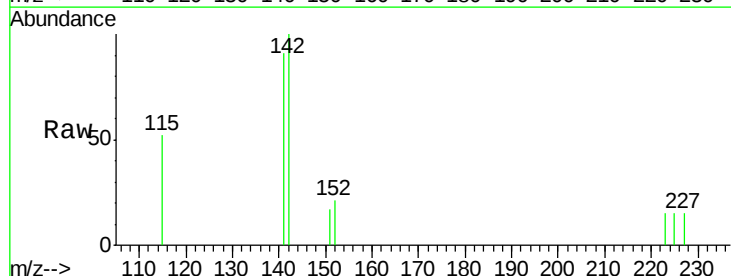
Manual Integrations
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#12
2-Methylnaphthalene
Concen: 0.089 ng
RT: 12.79 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE096606.D
Acq: 17 May 2018 12:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.4	105.6
115	51.8	31.7	47.5#





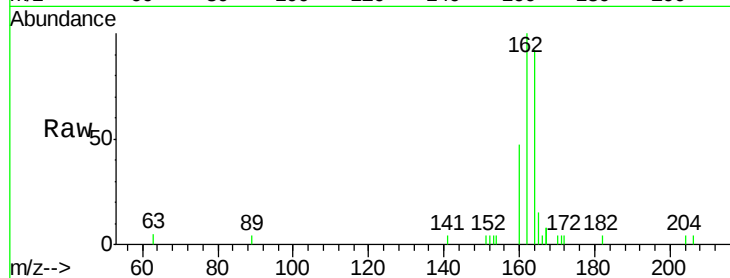
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.92 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BE096606.D
Acq: 17 May 2018 12:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	109.3	83.1	124.7	
160	51.4	37.1	55.7	

Manual Integrations
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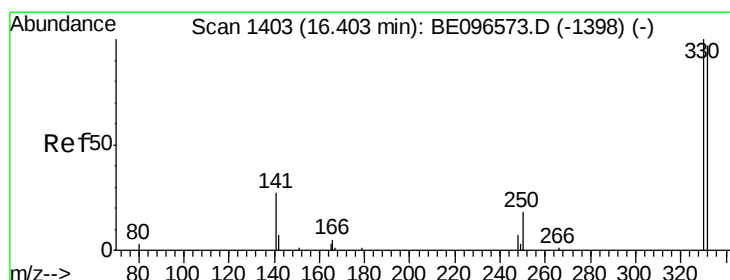
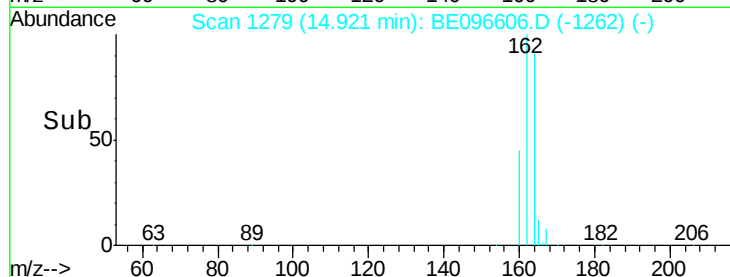
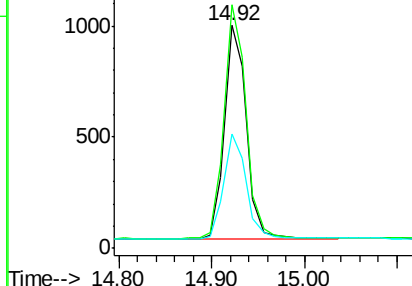


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 16.40 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BE096606.D
Acq: 17 May 2018 12:59

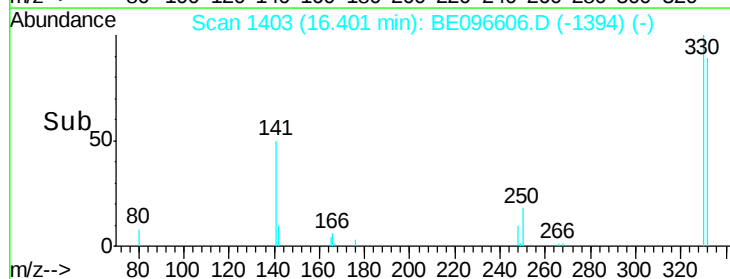
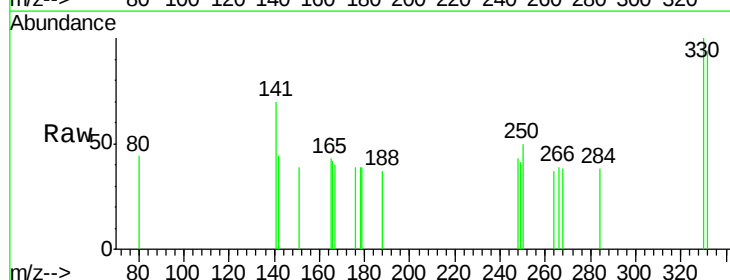
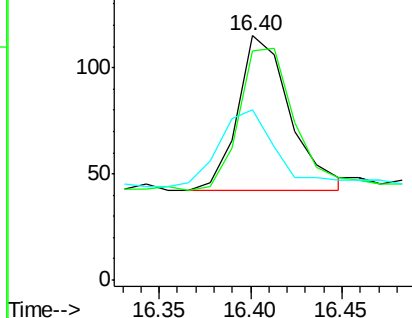
Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	152.7	229.1#	
141	52.7	33.7	50.5#	

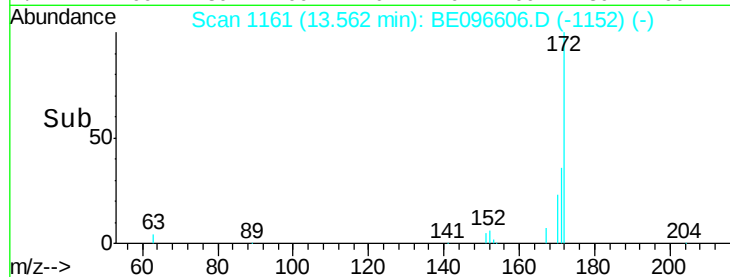
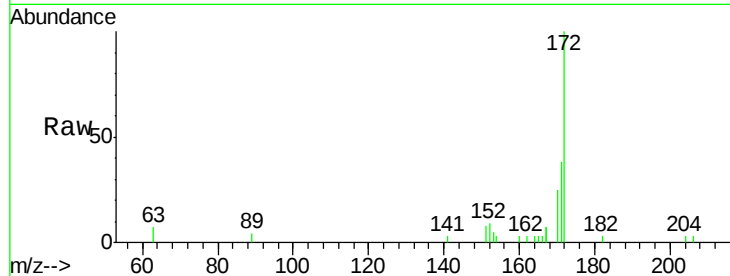
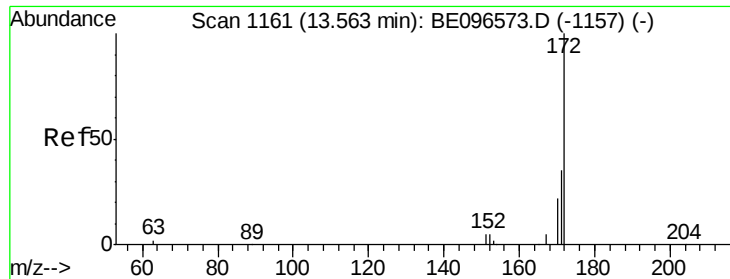
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





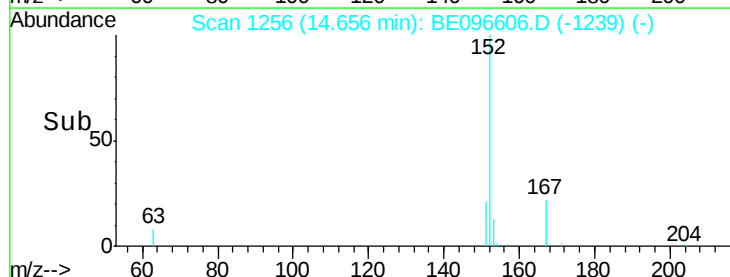
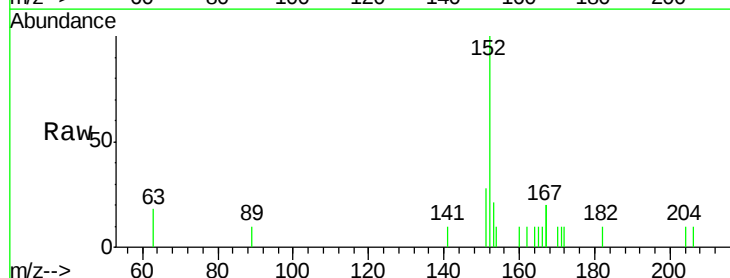
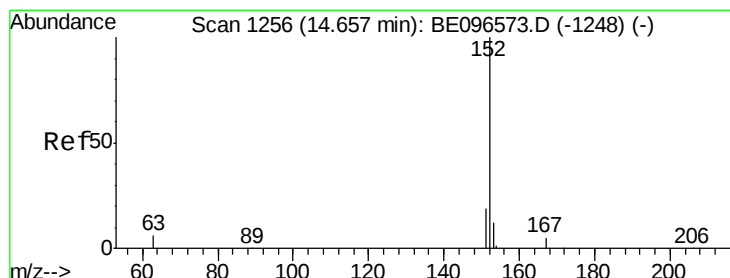
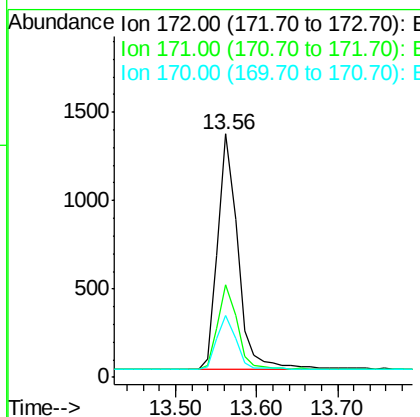
#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096606.D
Acq: 17 May 2018 12:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.9	44.9
170	25.5	21.8	32.8

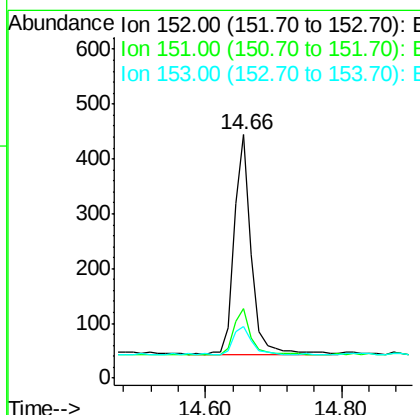
Manual Integrations
APPROVED

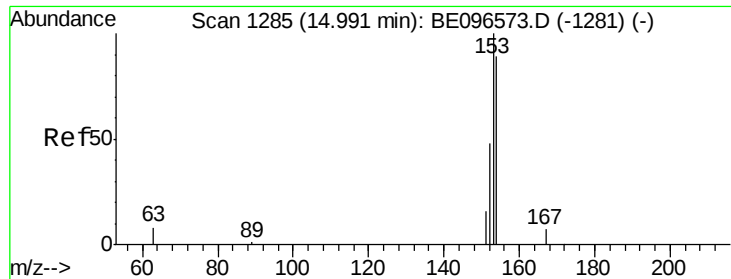
Sohil
5/18/2018 4:33:02 PM



#16
Acenaphthylene
Concen: 0.085 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096606.D
Acq: 17 May 2018 12:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.7	23.5
153	13.9	10.5	15.7





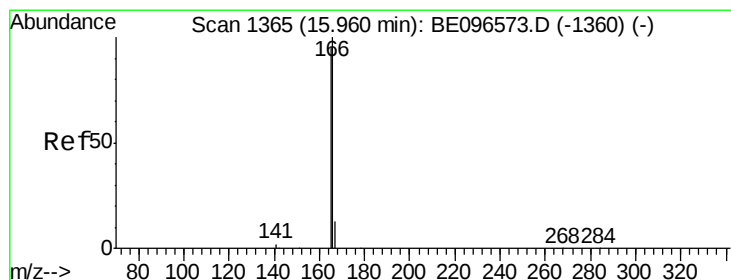
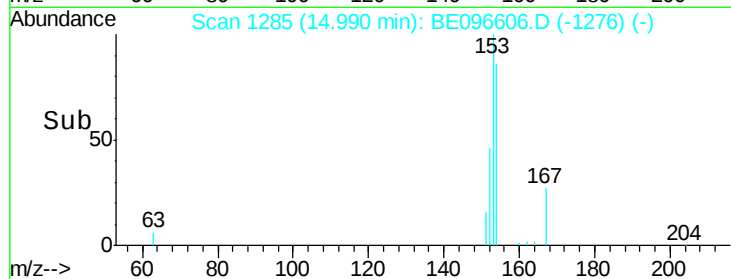
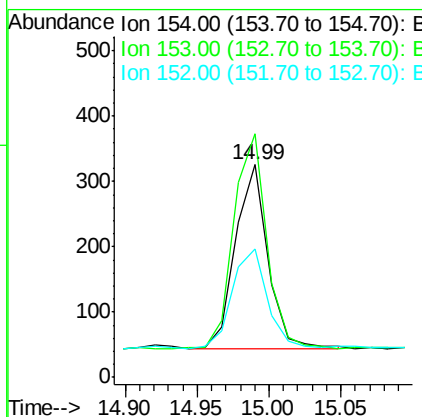
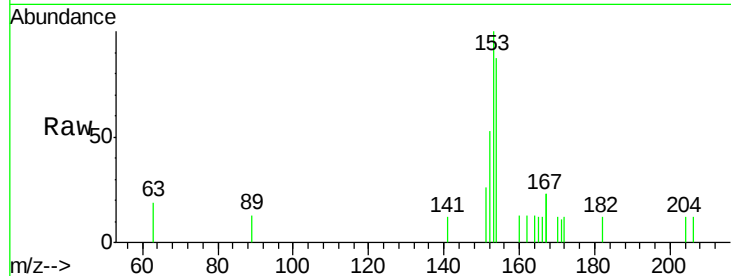
#17
Acenaphthene
Concen: 0.088 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE096606.D
Acq: 17 May 2018 12:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.9	89.2	133.8
152	59.1	42.0	63.0

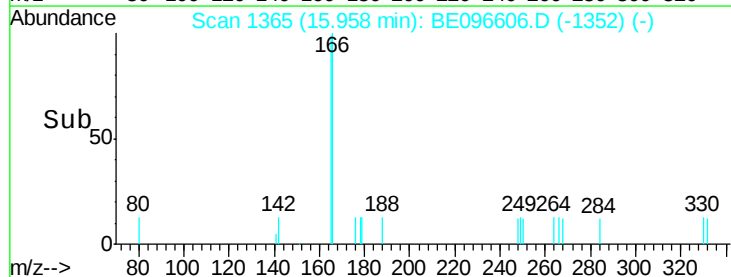
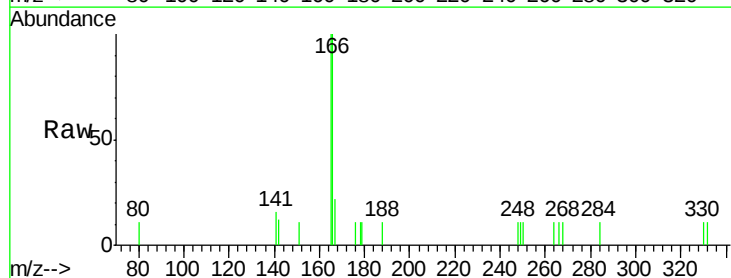
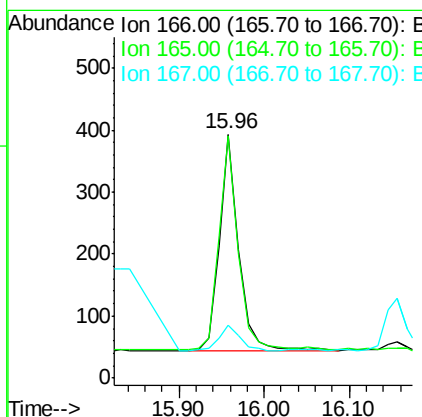
Manual Integrations
APPROVED

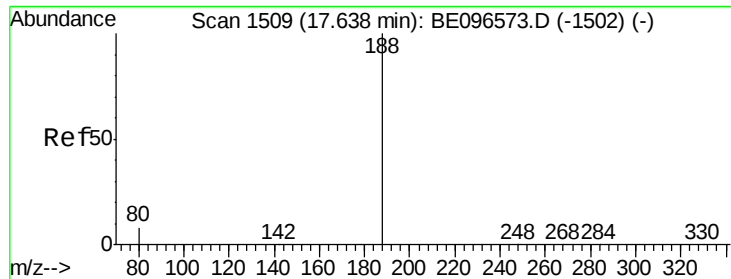
Sohil
5/18/2018 4:33:02 PM



#18
Fluorene
Concen: 0.088 ng
RT: 15.96 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE096606.D
Acq: 17 May 2018 12:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.8	116.6
167	12.7	42.4	63.6#





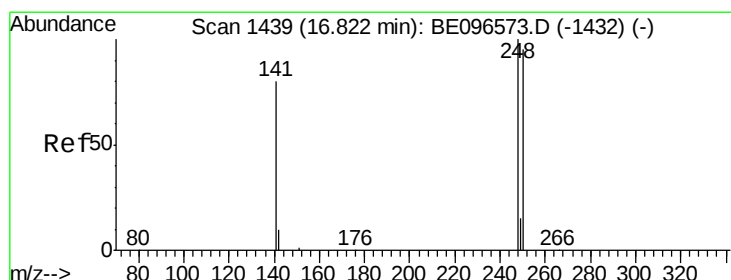
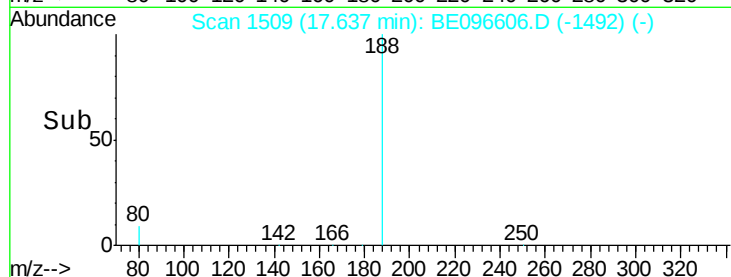
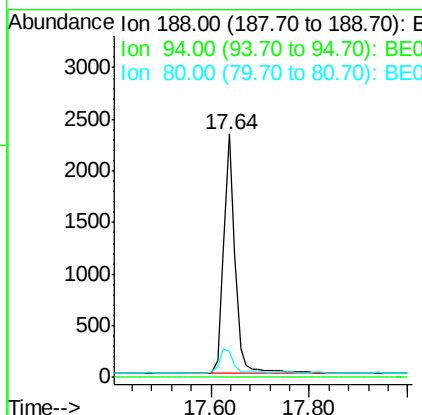
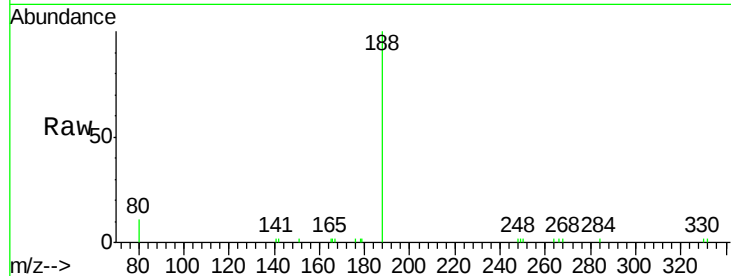
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.64 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096606.D
Acq: 17 May 2018 12:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	3654		
94	0.0	3.9	5.9#	
80	10.7	3.6	5.4#	

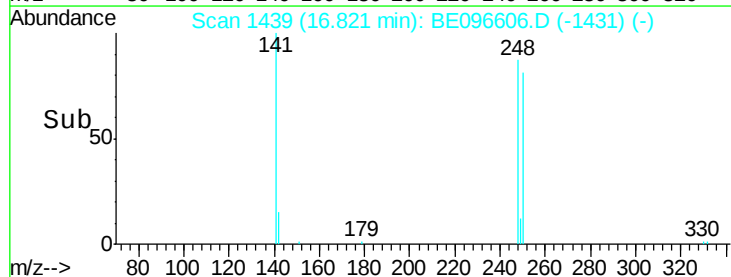
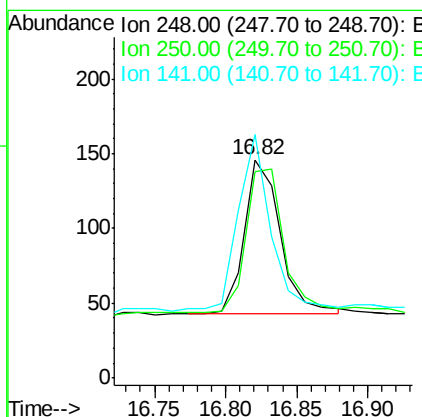
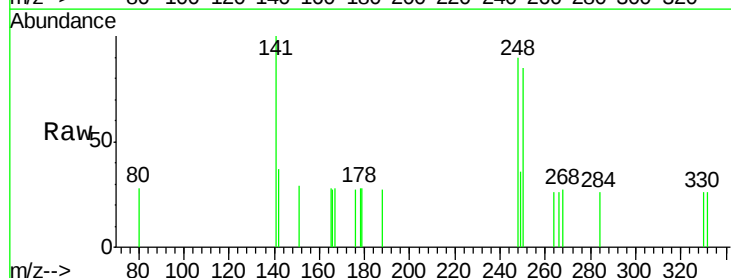
Manual Integrations
APPROVED

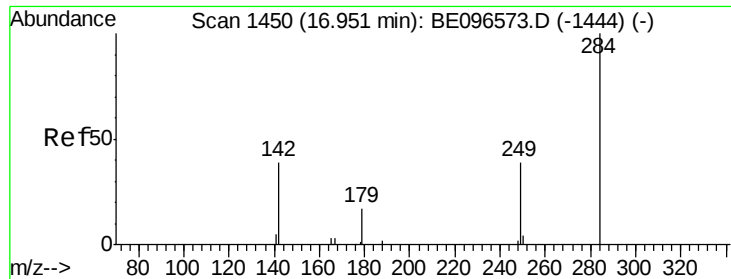
Sohil
5/18/2018 4:33:02 PM



#20
4-Bromophenyl-phenylether
Concen: 0.081 ng
RT: 16.82 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE096606.D
Acq: 17 May 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	180		
250	94.5	62.7	94.1#	
141	111.6	48.2	72.2#	





#21

Hexachlorobenzene

Concen: 0.091 ng

RT: 16.95 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

Instrument :

BNA_E

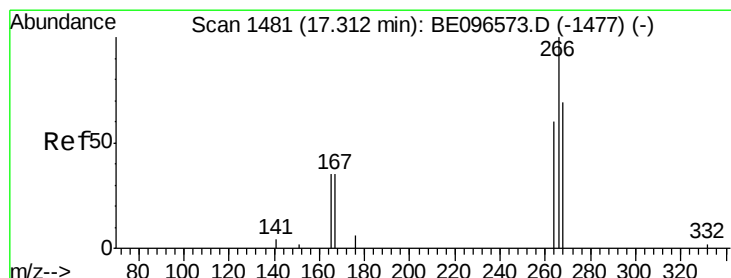
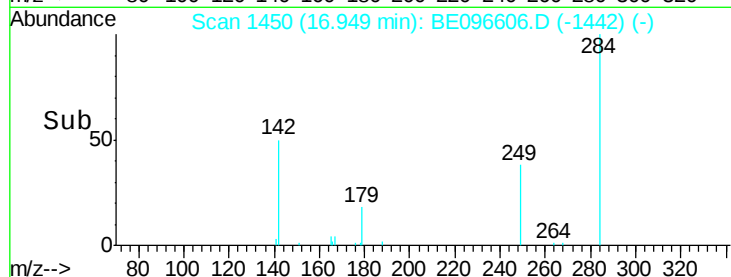
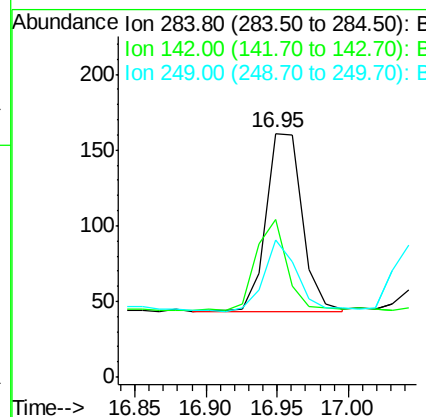
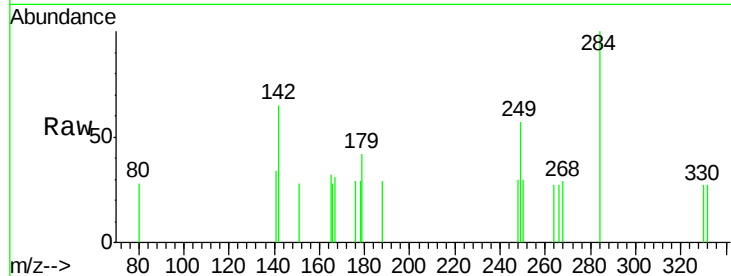
ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tgt Ion:	284	Resp:	210
Ion Ratio	Lower	Upper	
284	100		
142	43.8	22.1	33.1#
249	38.6	34.8	52.2

Manual Integrations
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#22

Pentachlorophenol

Concen: 0.212 ng

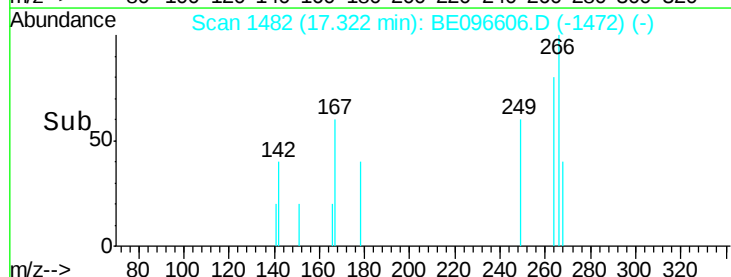
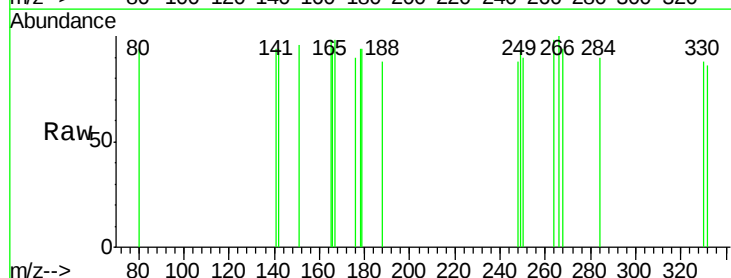
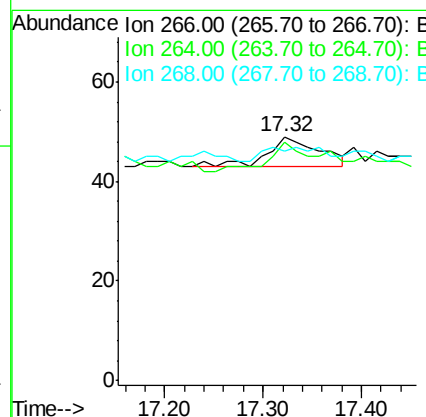
RT: 17.32 min Scan# 1482

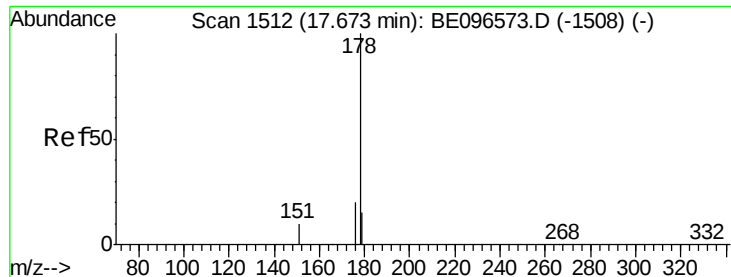
Delta R.T. 0.01 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

Tgt Ion:	266	Resp:	22
Ion Ratio	Lower	Upper	
266	100		
264	98.0	72.5	108.7
268	93.9	73.8	110.6





#23

Phenanthrene

Concen: 0.087 ng

RT: 17.68 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

Instrument :

BNA_E

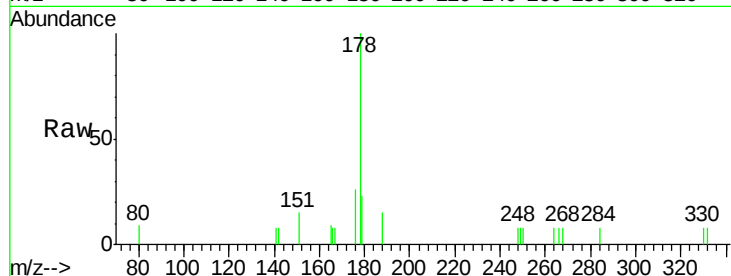
ClientSampleId :

LOQ-SCM-Precision-Bias-1

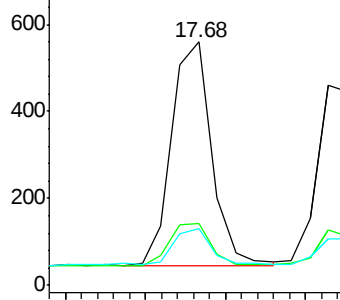
Tgt Ion:	178	Resp:	891
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.1	22.7
179	14.6	11.8	17.6

Manual Integrations
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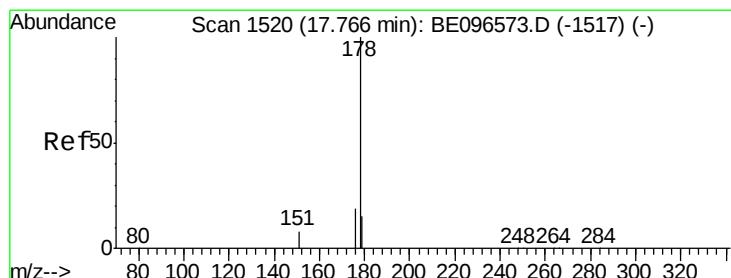
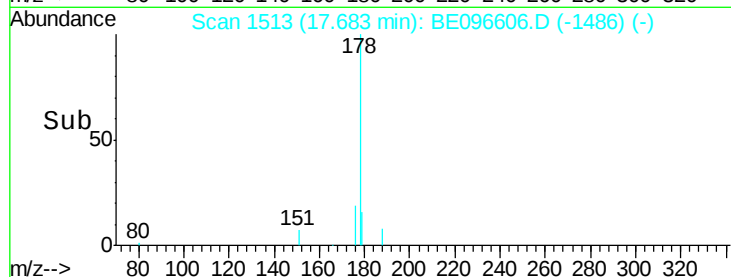
Sohil
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time--> 17.60 17.65 17.70 17.75



#24

Anthracene

Concen: 0.082 ng

RT: 17.76 min Scan# 1520

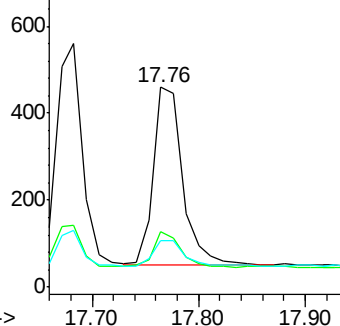
Delta R.T. -0.00 min

Lab File: BE096606.D

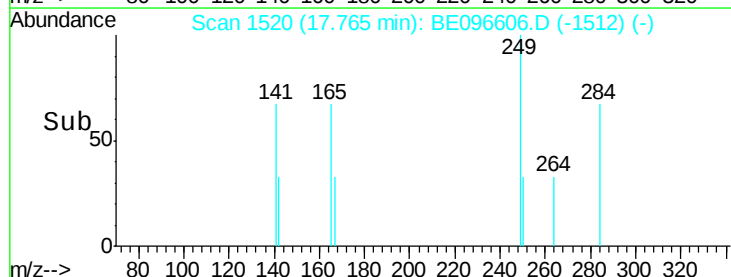
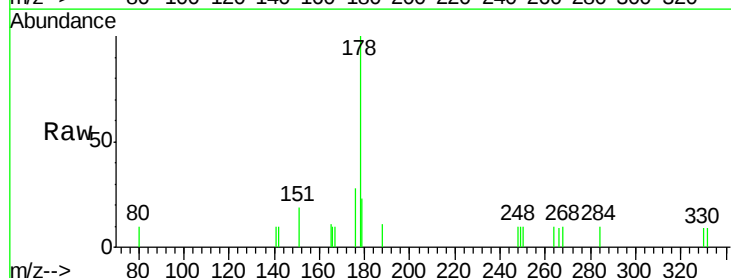
Acq: 17 May 2018 12:59

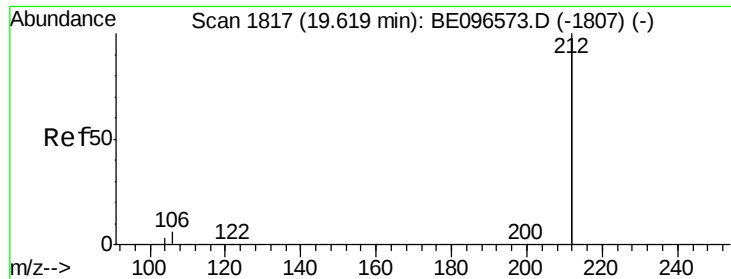
Tgt Ion:	178	Resp:	785
Ion Ratio	Lower	Upper	
178	100		
176	18.5	12.8	19.2
179	15.7	13.0	19.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time--> 17.70 17.80 17.90





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

Instrument :

BNA_E

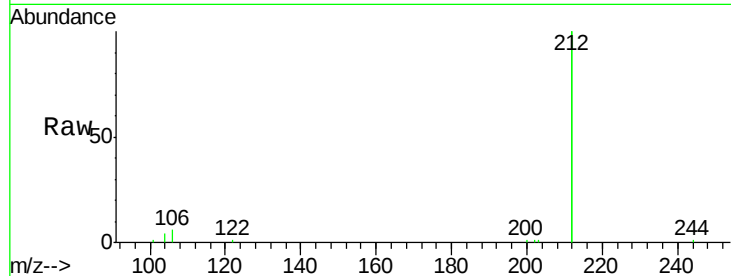
ClientSampleId :

LOQ-SCM-Precision-Bias-1

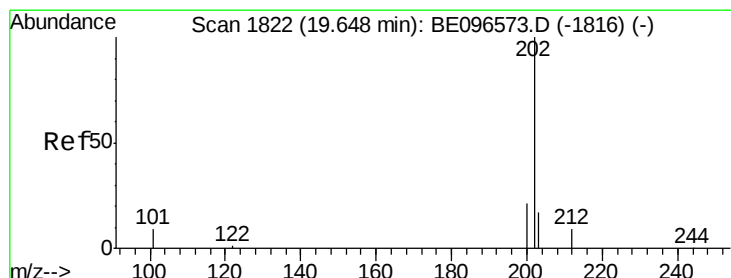
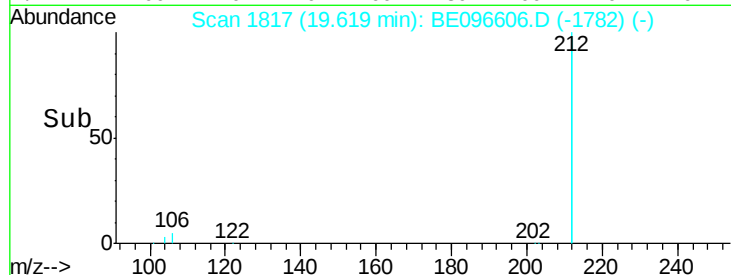
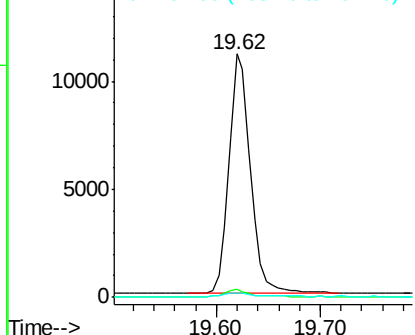
Tgt Ion:	212	Resp:	15979
Ion Ratio	Lower	Upper	
212	100		
106	2.8	2.8	4.2#
104	1.7	1.6	2.4

Manual Integrations
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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.085 ng

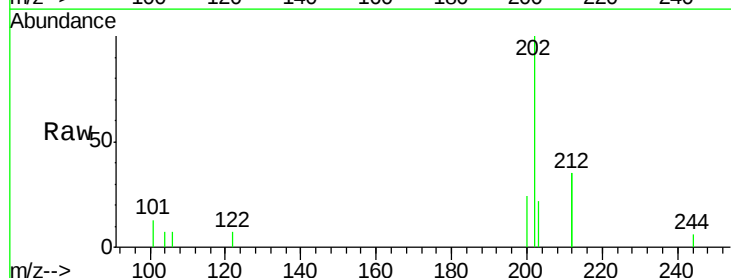
RT: 19.65 min Scan# 1823

Delta R.T. 0.01 min

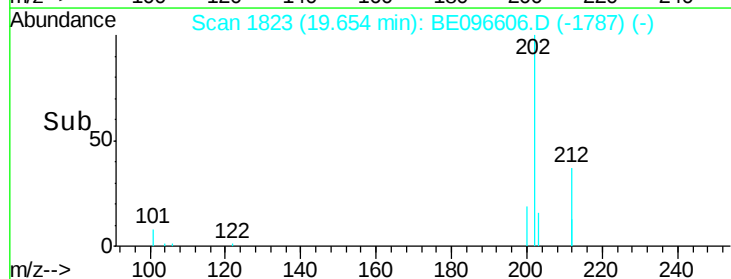
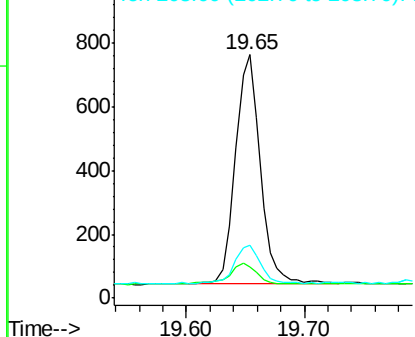
Lab File: BE096606.D

Acq: 17 May 2018 12:59

Tgt Ion:	202	Resp:	1048
Ion Ratio	Lower	Upper	
202	100		
101	10.5	9.8	14.8
203	17.1	13.7	20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.73 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

Instrument :

BNA_E

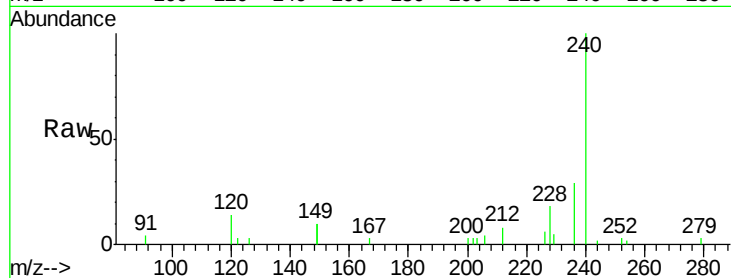
ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.5	8.3#
236	29.2	20.7	31.1

Manual Integrations
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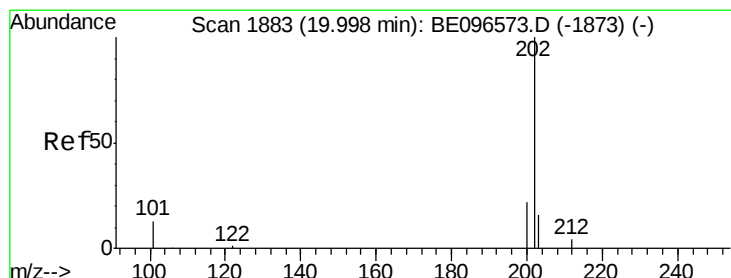
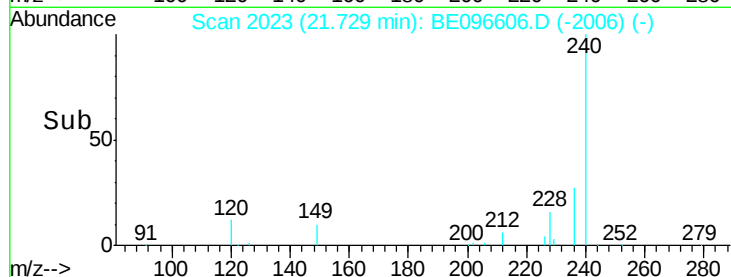
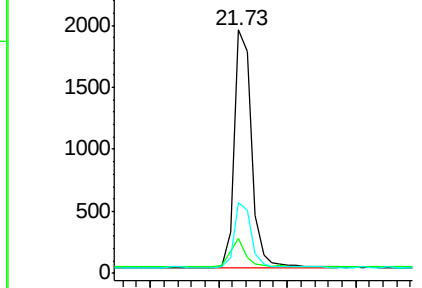
Sohil
5/18/2018 4:33:02 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.079 ng

RT: 20.00 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BE096606.D

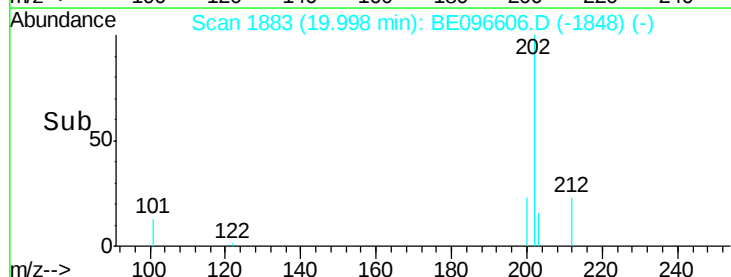
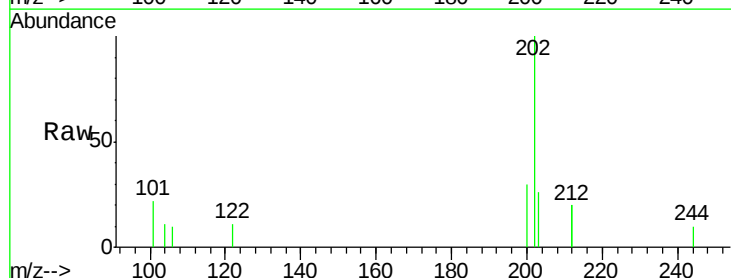
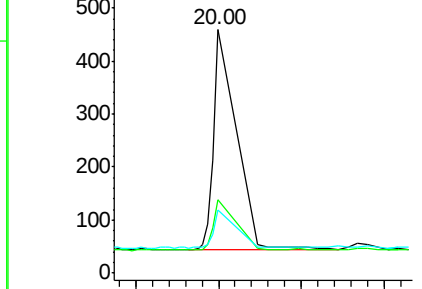
Acq: 17 May 2018 12:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.6	16.6	25.0#
203	17.9	13.8	20.8

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.329 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

Instrument :

BNA_E

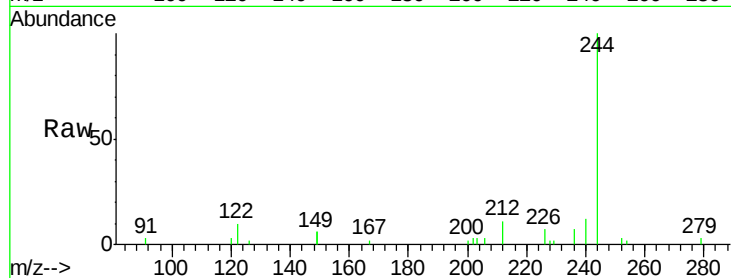
ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.3	25.4	38.0#
122	10.0	8.1	12.1

Manual Integrations
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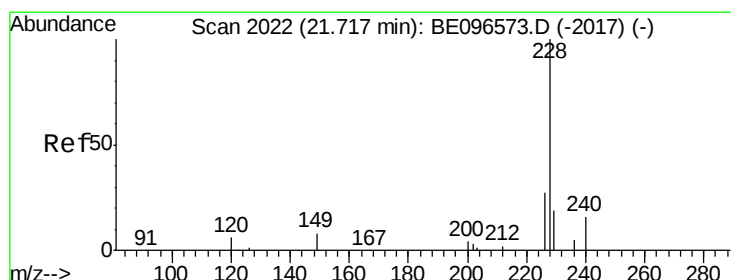
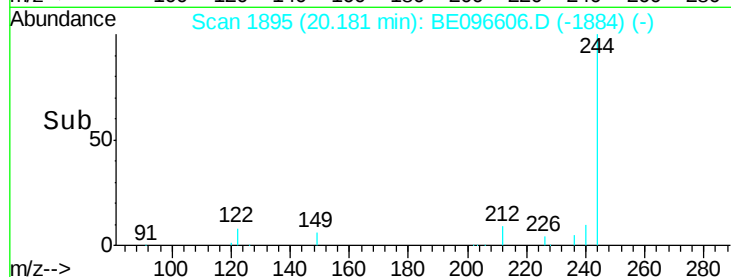
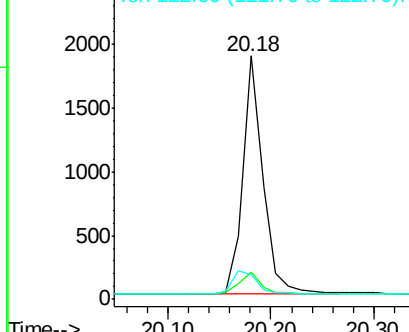


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.087 ng

RT: 21.72 min Scan# 222

Delta R.T. 0.00 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

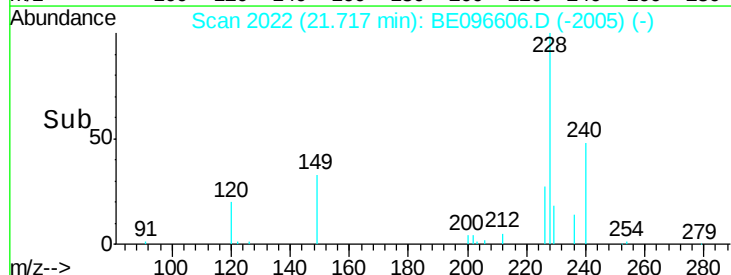
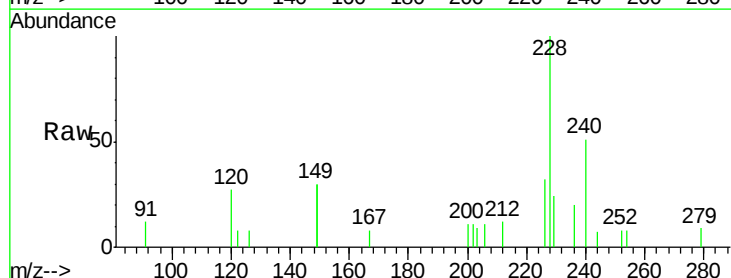
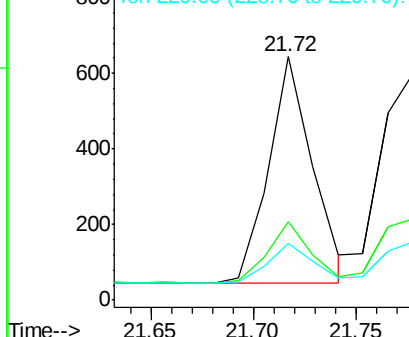
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.0	36.0
229	23.6	16.0	24.0

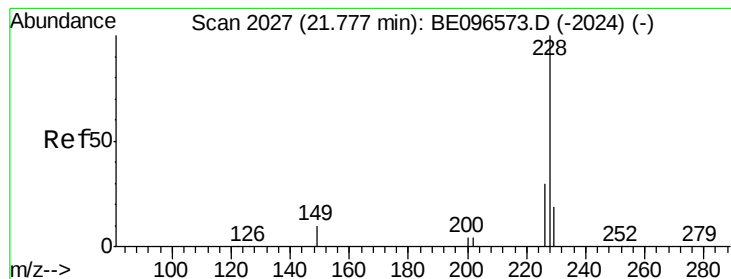
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.088 ng m

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

Instrument :

BNA_E

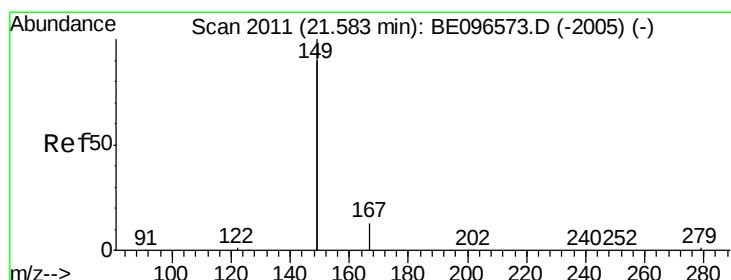
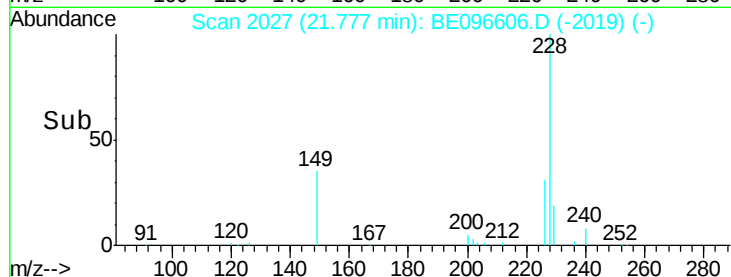
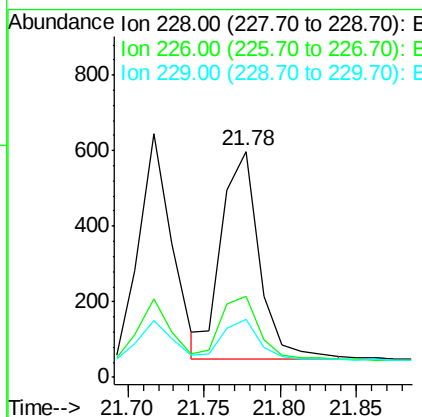
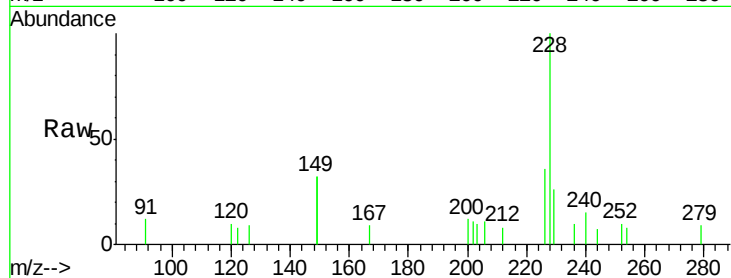
ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tgt Ion:	228	Resp:	957
Ion Ratio	Lower	Upper	
228	100		
226	36.0	24.0	36.0
229	25.6	16.0	24.0#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.081 ng

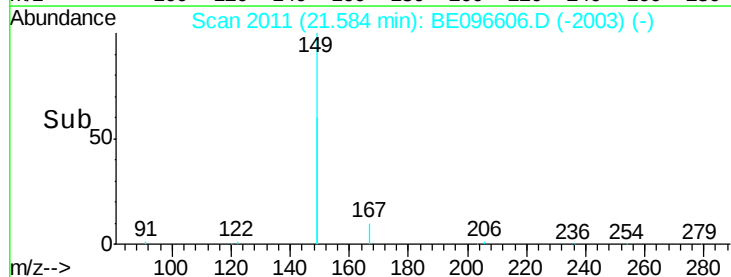
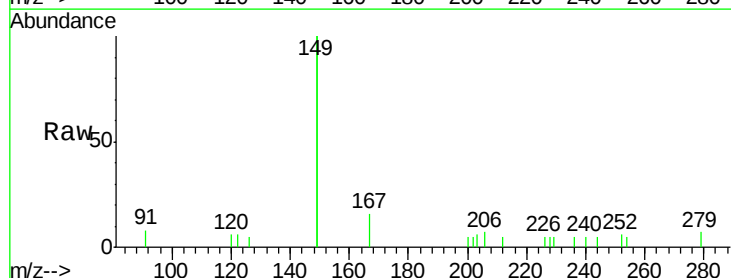
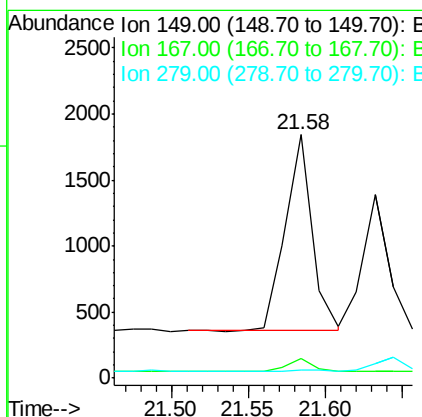
RT: 21.58 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

Tgt Ion:	149	Resp:	1803
Ion Ratio	Lower	Upper	
149	100		
167	6.5	5.4	8.0
279	0.0	0.7	1.1#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.079 ng

RT: 27.11 min Scan# 3467

Delta R.T. 0.00 min

Lab File: BE096606.D

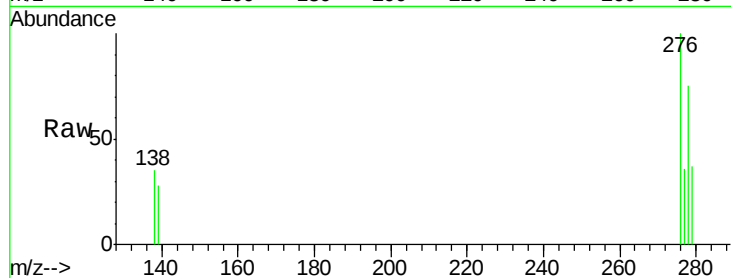
Acq: 17 May 2018 12:59

Instrument :

BNA_E

ClientSampleId :

LOQ-SCM-Precision-Bias-1



Tgt Ion: 276 Resp: 818

Ion Ratio Lower Upper

276 100

138 22.5 22.5 33.7

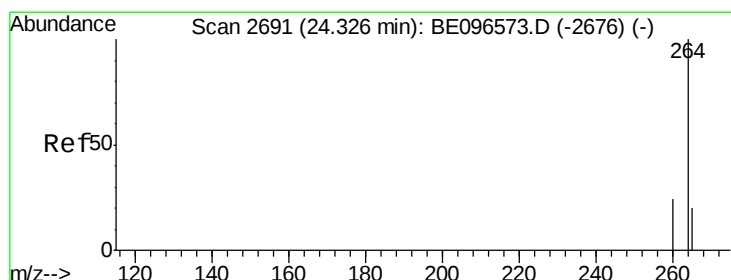
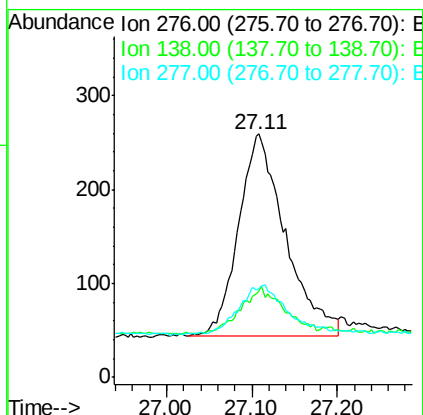
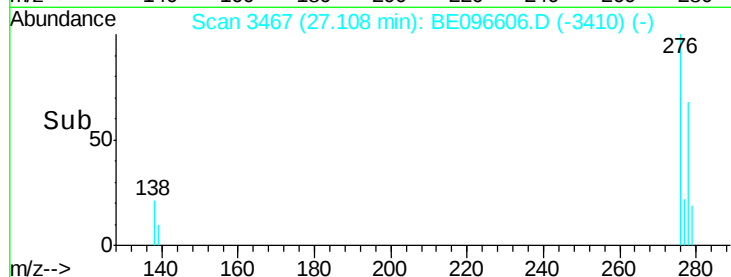
277 24.8 19.9 29.9

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#34

Perylene-d12

Concen: 0.400 ng

RT: 24.33 min Scan# 2693

Delta R.T. 0.01 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

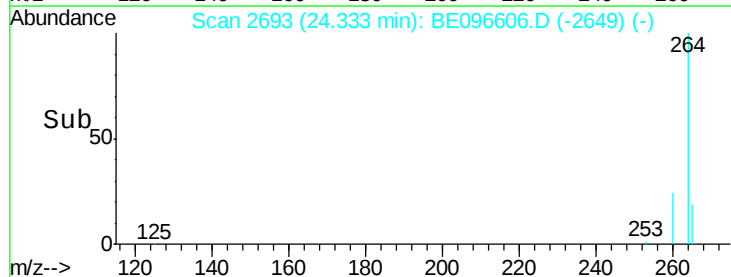
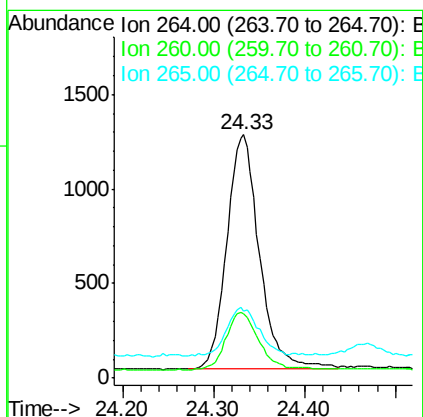
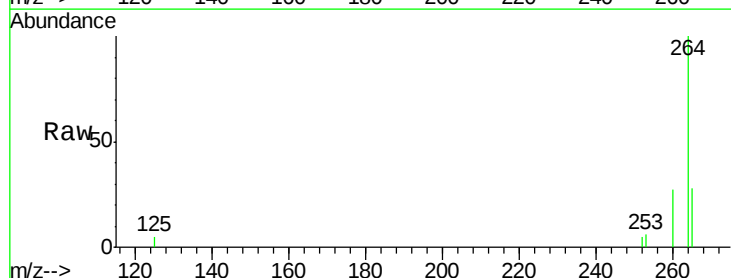
Tgt Ion: 264 Resp: 3088

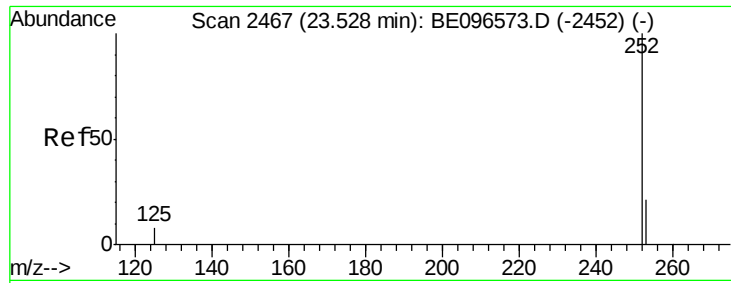
Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

265 27.7 22.8 34.2





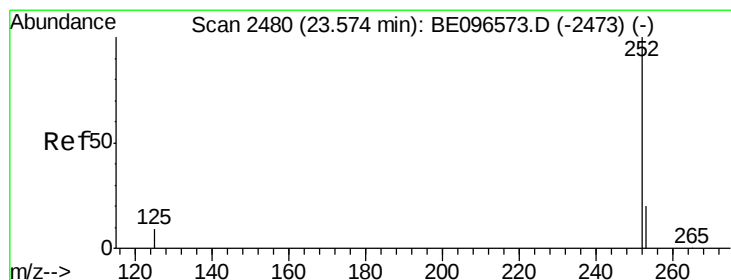
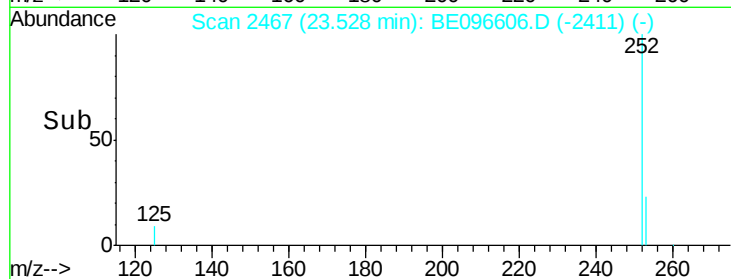
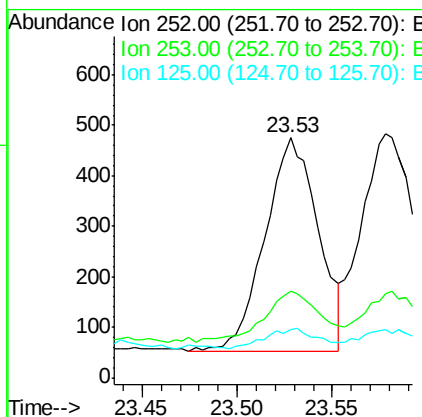
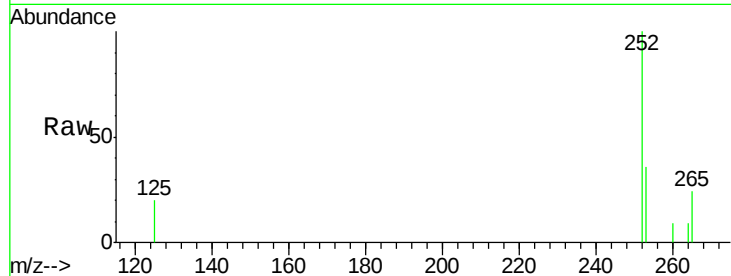
#35
Benzo(b)fluoranthene
Concen: 0.086 ng
RT: 23.53 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BE096606.D
Acq: 17 May 2018 12:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.0	20.0	30.0#
125	20.0	16.0	24.0

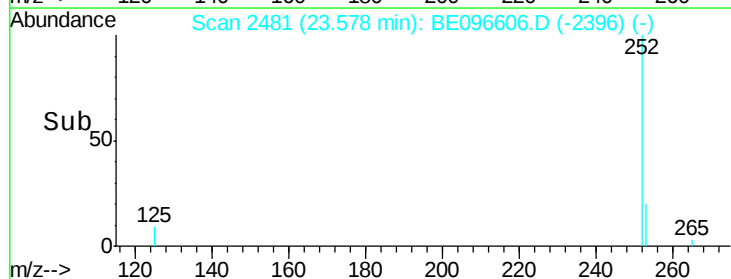
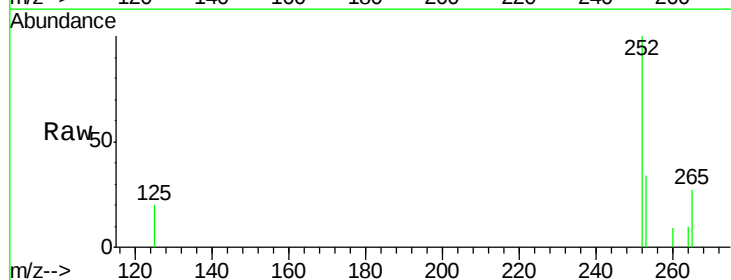
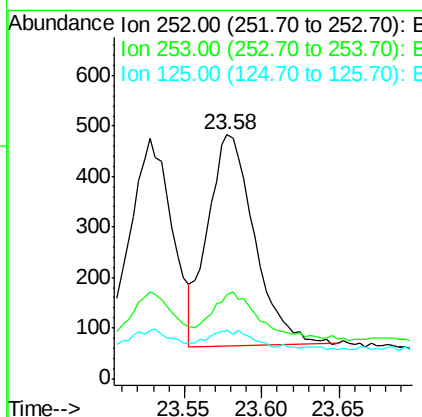
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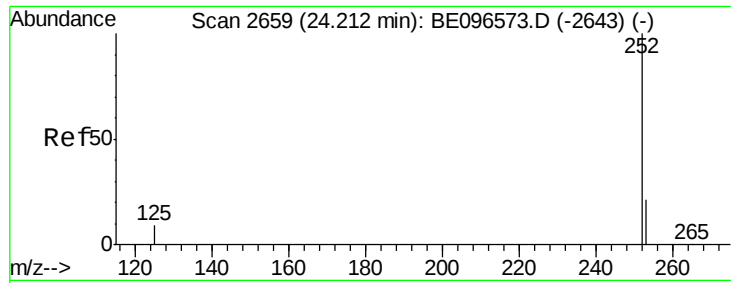
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#36
Benzo(k)fluoranthene
Concen: 0.087 ng
RT: 23.58 min Scan# 2481
Delta R.T. 0.00 min
Lab File: BE096606.D
Acq: 17 May 2018 12:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.2	16.0	24.0#
125	19.9	8.0	12.0#





#37

Benzo(a)pyrene

Concen: 0.083 ng

RT: 24.21 min Scan# 2659

Delta R.T. -0.00 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

Instrument :

BNA_E

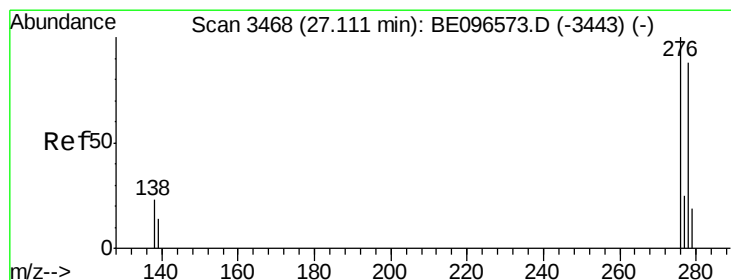
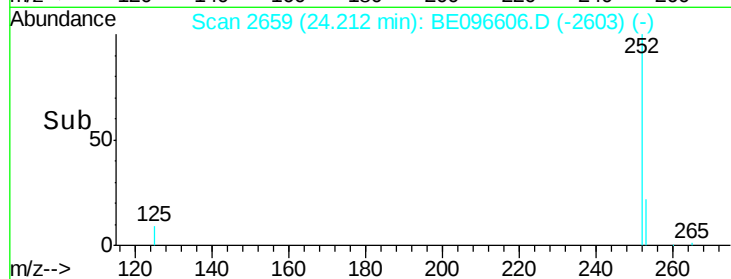
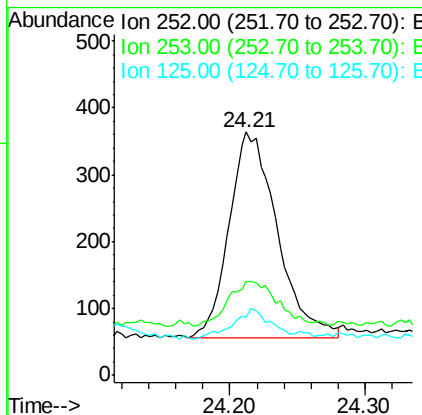
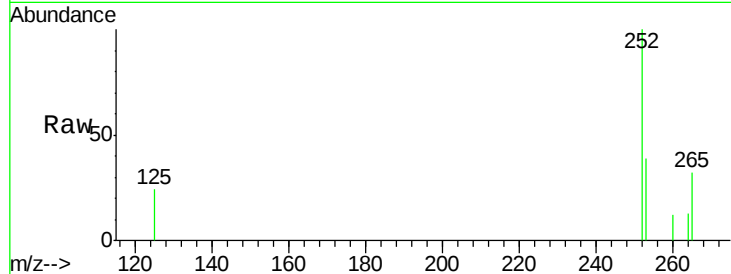
ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tgt Ion:	252	Resp:	758
Ion Ratio	Lower	Upper	
252	100		
253	38.7	16.0	24.0#
125	23.6	12.0	18.0#

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#38

Dibenzo(a,h)anthracene

Concen: 0.079 ng

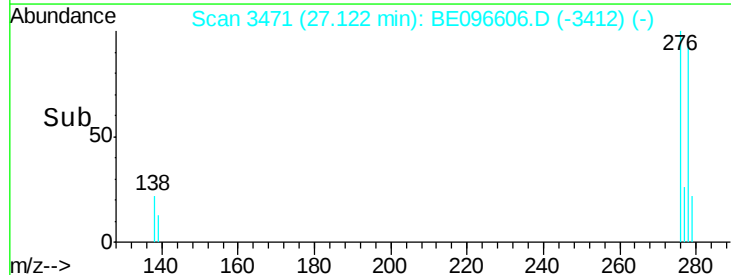
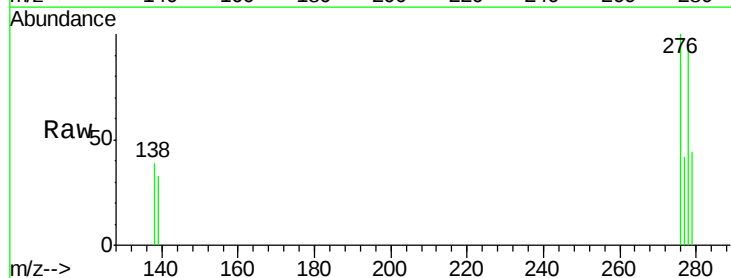
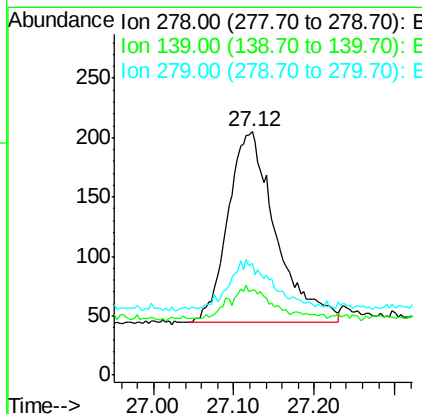
RT: 27.12 min Scan# 3471

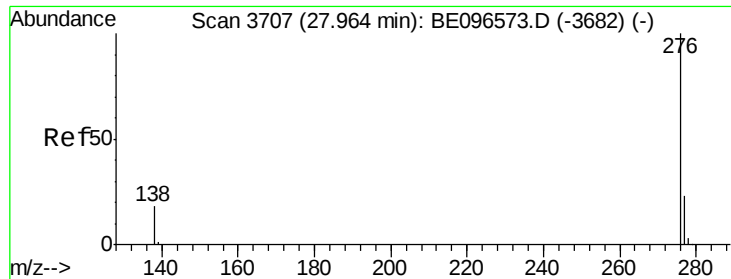
Delta R.T. 0.01 min

Lab File: BE096606.D

Acq: 17 May 2018 12:59

Tgt Ion:	278	Resp:	657
Ion Ratio	Lower	Upper	
278	100		
139	35.1	16.0	24.0#
279	45.9	20.0	30.0#





#39

Benzo(g,h,i)perylene

Concen: 0.081 ng

RT: 27.96 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BE096606.D

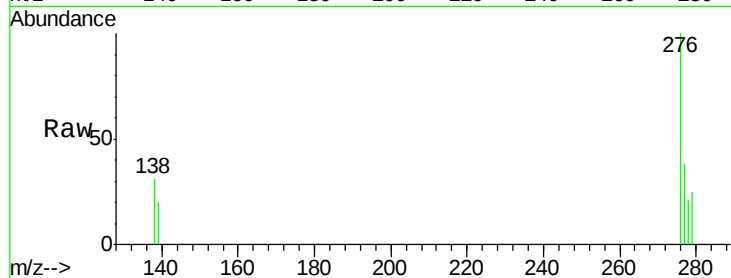
Acq: 17 May 2018 12:59

Instrument :

BNA_E

ClientSampleId :

LOQ-SCM-Precision-Bias-1



Tgt Ion: 276 Resp: 702

Ion Ratio Lower Upper

276 100

277 38.4 16.0 24.0#

138 31.4 20.0 30.0#

Manual Integrations
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