

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121418\
 Data File : BE098435.D
 Acq On : 14 Dec 2018 14:41
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

Sohil
 12/17/2018 5:16:13 PM

Quant Time: Dec 17 16:46:51 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Dec 10 14:59:55 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1403	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	5901	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	3806	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	10480	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	12877	0.40	ng	-0.01
34) Perylene-d12	24.00	264	12253	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.45	112	1324	0.40	ng	0.00
5) Phenol-d6	7.04	99	1980	0.43	ng	-0.01
8) Nitrobenzene-d5	9.02	82	2112	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	3671	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	16.02	330	626	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5752	0.36	ng	0.00
25) Fluoranthene-d10	19.30	212	53745	0.40	ng	0.00
29) Terphenyl-d14	19.90	244	10194m	0.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	795	0.328	ng	98
3) n-Nitrosodimethylamine	3.70	42	679	0.311	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1548	0.350	ng	88
9) Naphthalene	10.70	128	23022	0.388	ng	99
10) Hexachlorobutadiene	10.99	225	1578	0.417	ng	99
12) 2-Methylnaphthalene	12.32	142	3587	0.372	ng	98
16) Acenaphthylene	14.24	152	6886	0.386	ng	99
17) Acenaphthene	14.59	154	4129	0.386	ng	98
18) Fluorene	15.57	166	5484	0.383	ng	98
20) 4-Bromophenyl-phenylether	16.46	248	2058	0.365	ng	# 83
21) Hexachlorobenzene	16.57	284	2270	0.374	ng	94
22) Pentachlorophenol	16.94	266	433	0.438	ng	94
23) Phenanthrene	17.32	178	9510	0.373	ng	99
24) Anthracene	17.41	178	7874	0.347	ng	99
26) Fluoranthene	19.33	202	13515	0.401	ng	99
28) Pyrene	19.69	202	13842	0.343	ng	99
30) Benzo(a)anthracene	21.44	228	12812	0.349	ng	99
31) Chrysene	21.50	228	14756	0.384	ng	100
32) Bis(2-ethylhexyl)phthalate	21.35	149	26115	0.351	ng	99
33) Indeno(1,2,3-cd)pyrene	26.68	276	15010	0.393	ng	96
35) Benzo(b)fluoranthene	23.21	252	12503	0.373	ng	# 94
36) Benzo(k)fluoranthene	23.27	252	15851	0.406	ng	97
37) Benzo(a)pyrene	23.88	252	13508	0.391	ng	96
38) Dibenzo(a,h)anthracene	26.71	278	12446	0.382	ng	# 89
39) Benzo(g,h,i)perylene	27.50	276	12528	0.382	ng	97

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

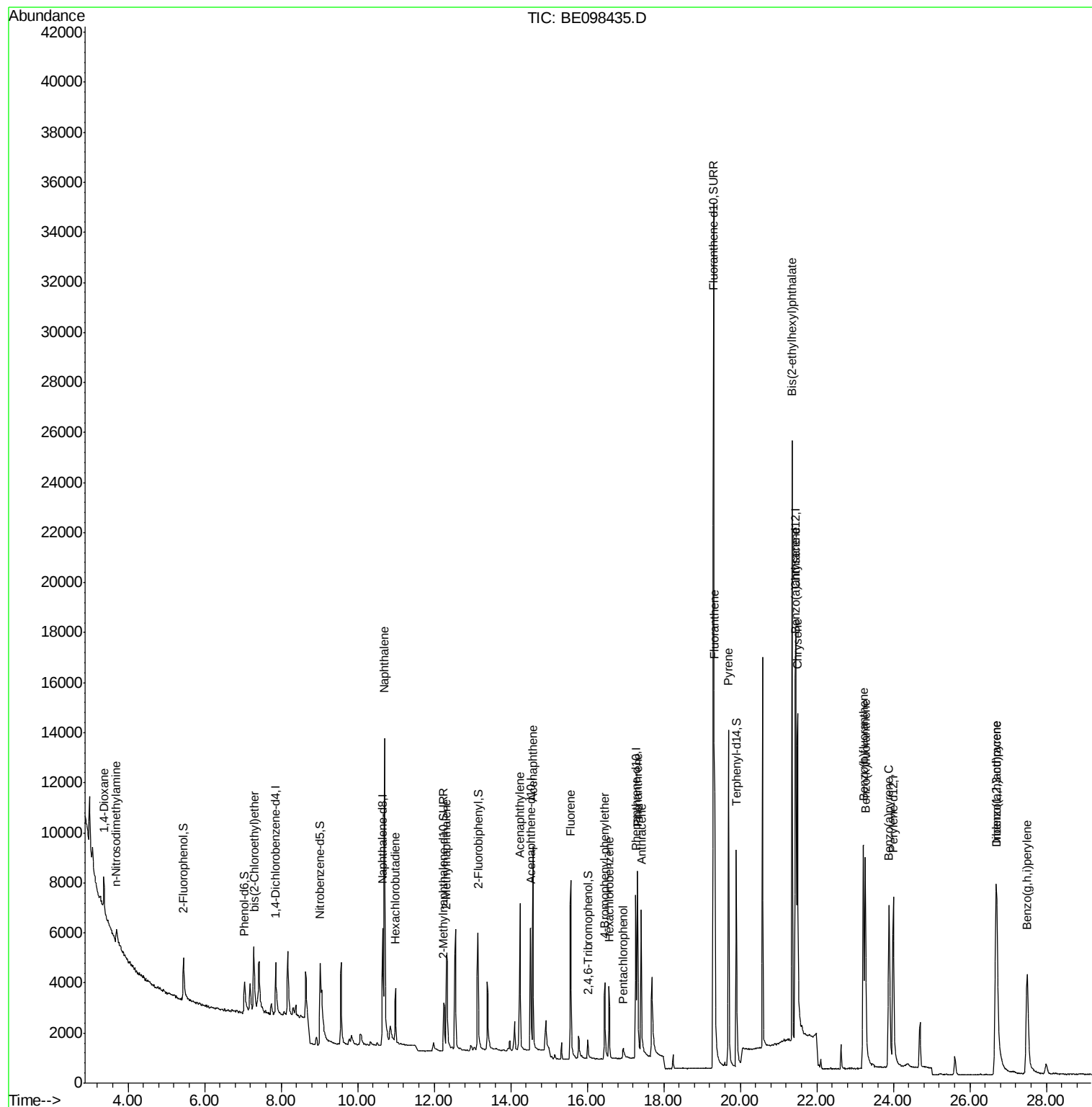
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121418\
Data File : BE098435.D
Acq On : 14 Dec 2018 14:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

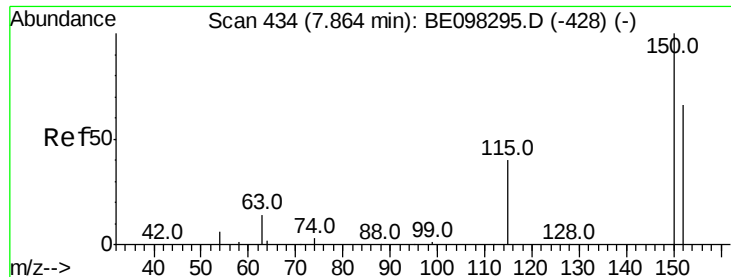
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations
APPROVED

Sohil
12/17/2018 5:16:13 PM

Quant Time: Dec 17 16:46:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:152 Resp: 1403

Ion Ratio Lower Upper

152 100

150 144.9 124.2 186.4

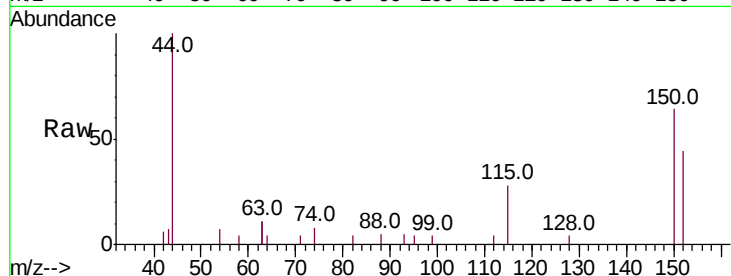
115 64.4 53.9 80.9

Manual Integrations

APPROVED

Sohil

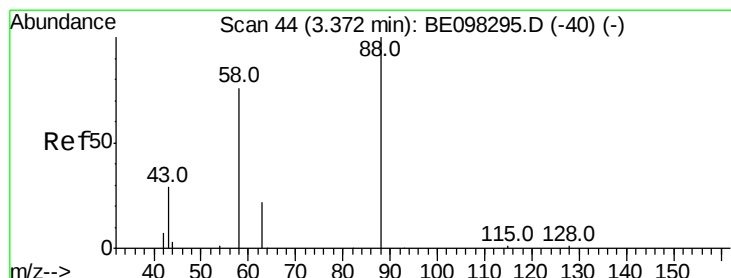
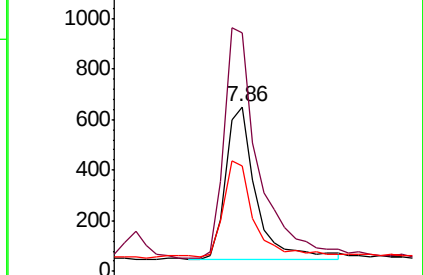
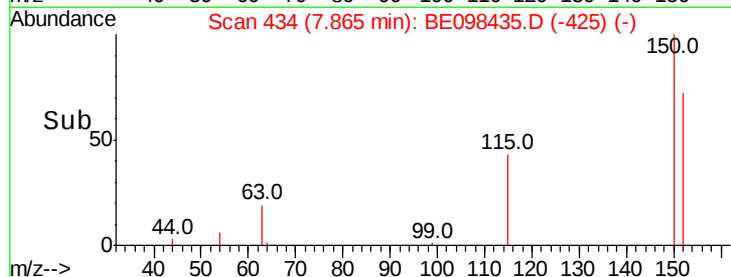
12/17/2018 5:16:13 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.328 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

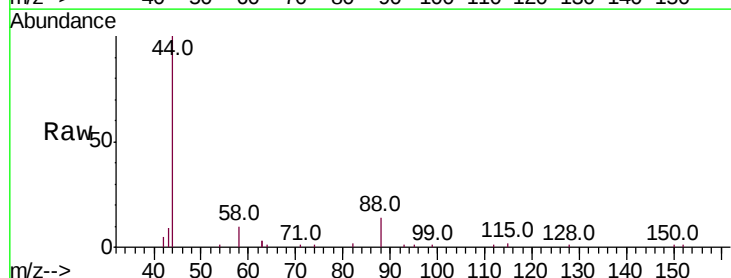
Tgt Ion: 88 Resp: 795

Ion Ratio Lower Upper

88 100

58 91.4 75.0 112.6

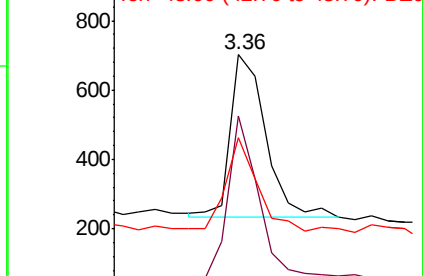
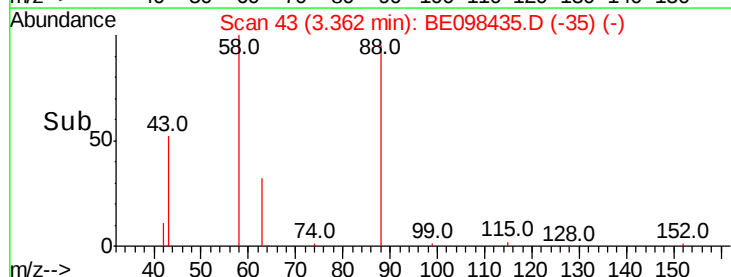
43 48.6 38.3 57.5

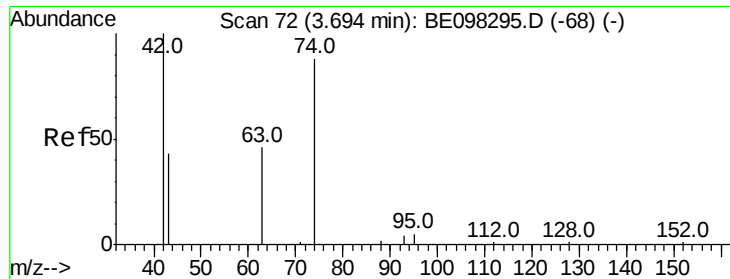


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

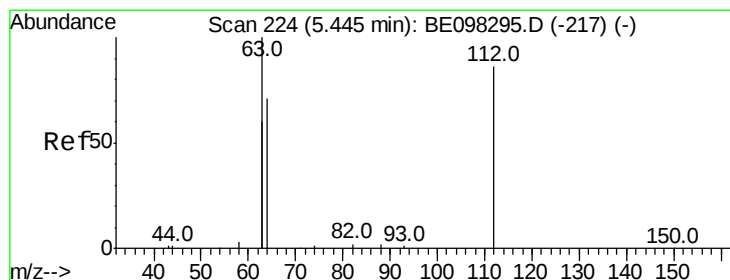
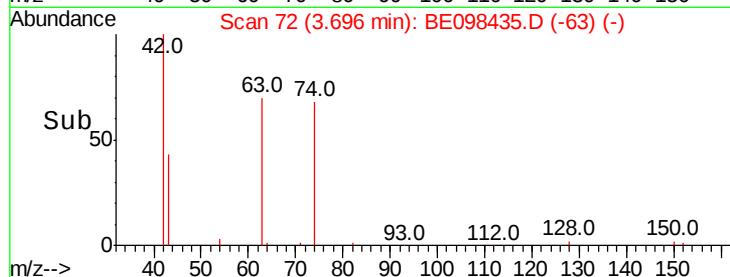
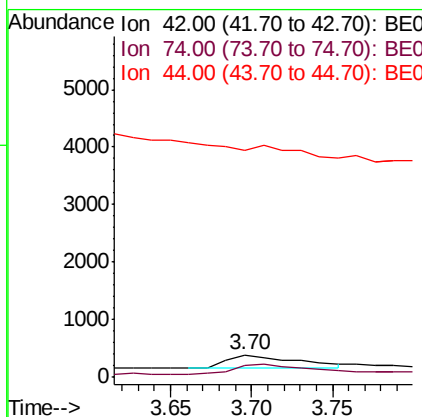
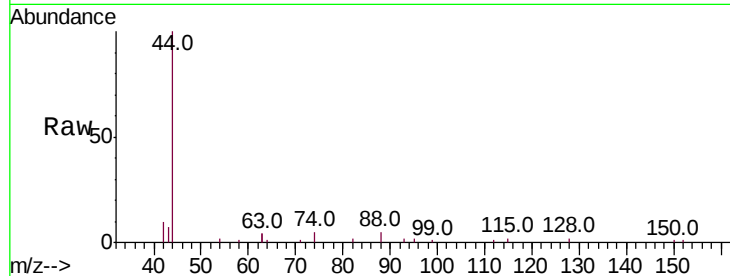
n-Nitrosodimethylamine
 Concen: 0.311 ng
 RT: 3.70 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098435.D
 Acq: 14 Dec 2018 14:41

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
42	100		
74	71.0	0.0	0.0#
44	0.0	0.0	0.0

Manual Integrations
 APPROVED

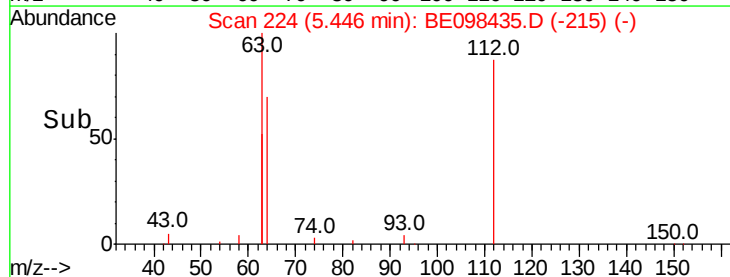
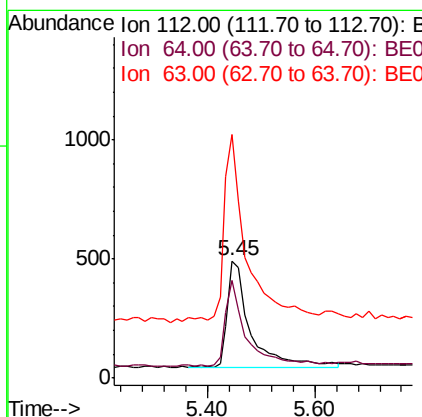
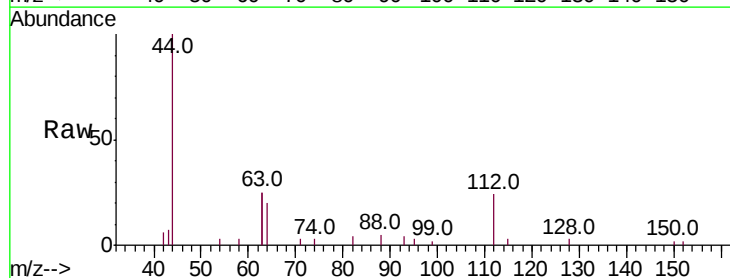
Sohil
 12/17/2018 5:16:13 PM

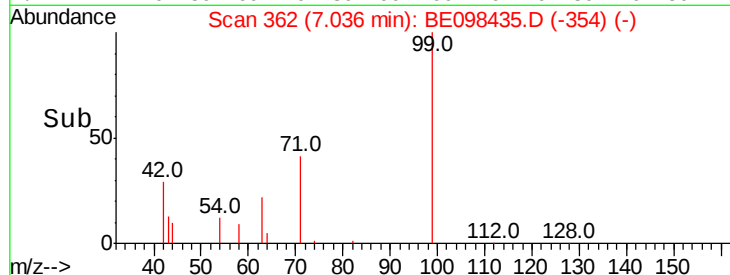
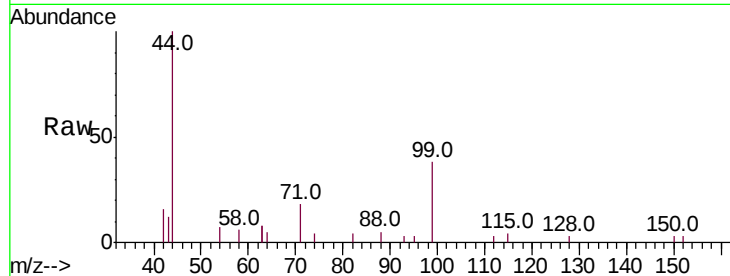
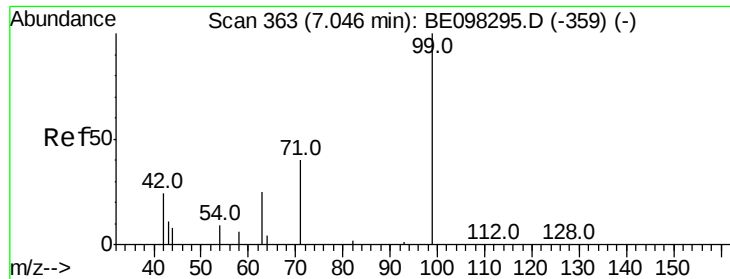


#4

2-Fluorophenol
 Concen: 0.403 ng
 RT: 5.45 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BE098435.D
 Acq: 14 Dec 2018 14:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.5	59.8	89.8
63	167.6	133.7	200.5





#5

Phenol-d6

Concen: 0.426 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Tot Ion:	99	Resp:	1980
Ion	Ratio	Lower	Upper
99	100		
42	26.9	26.3	39.5
71	35.3	33.6	50.4

Instrument :

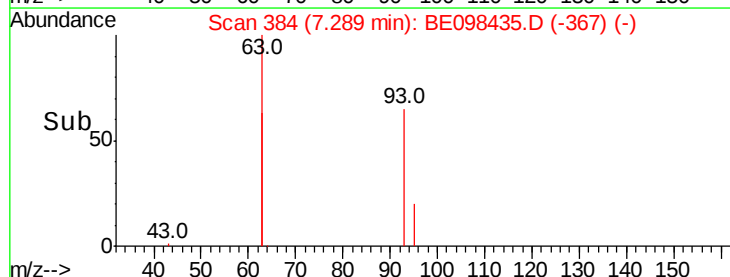
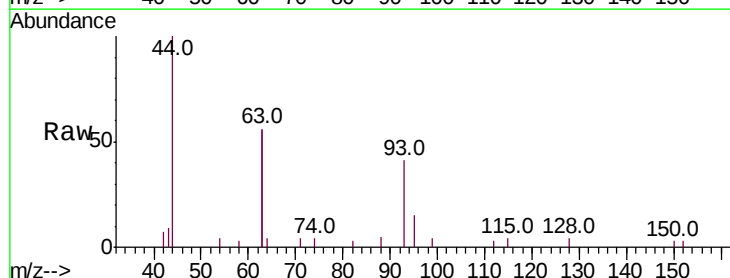
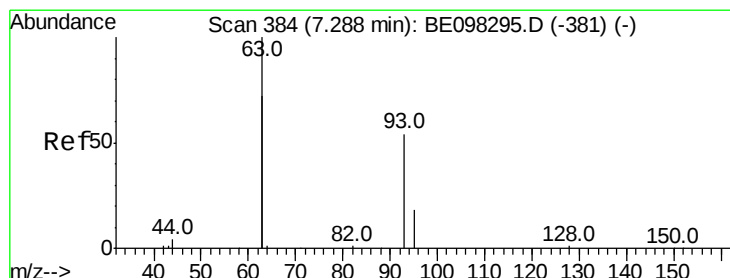
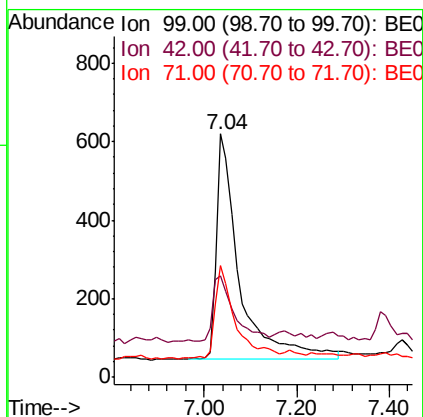
BNA_E

ClientSampleId :

SSTDCCC0.4

Manual Integrations
APPROVED

Sohil
12/17/2018 5:16:13 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.350 ng

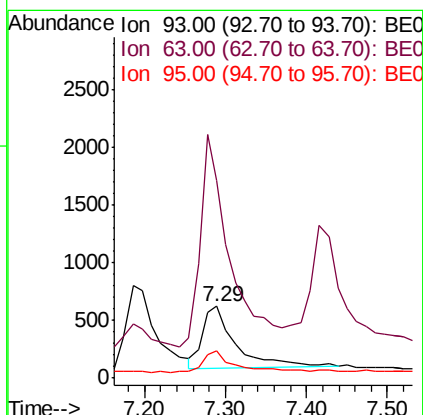
RT: 7.29 min Scan# 384

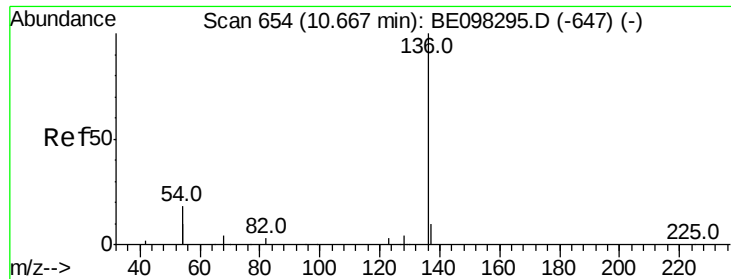
Delta R.T. 0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Tgt Ion:	93	Resp:	1548
Ion	Ratio	Lower	Upper
93	100		
63	304.1	264.4	396.6
95	31.5	26.6	40.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_E

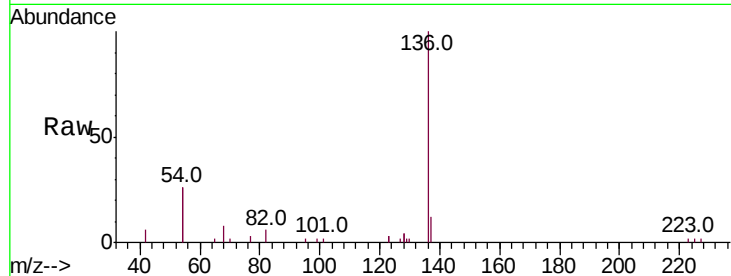
ClientSampleId :

SSTDCCC0.4

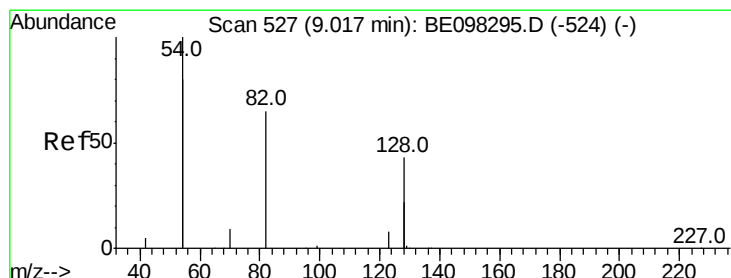
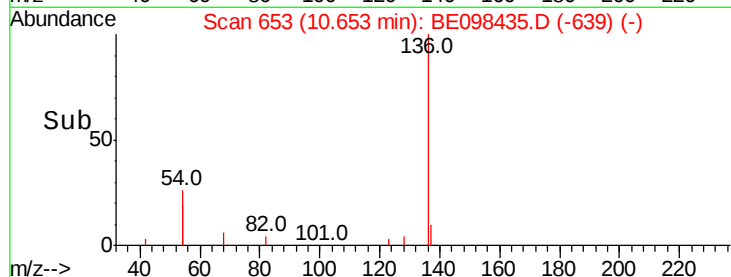
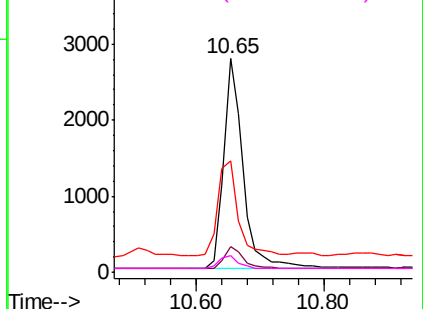
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	52.0	28.4	42.6
68	7.7	5.4	8.0

Manual Integrations
APPROVED

Sohil
12/17/2018 5:16:13 PM



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



#8

Nitrobenzene-d5

Concen: 0.393 ng

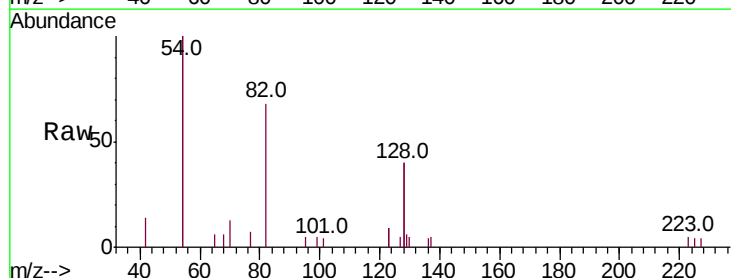
RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

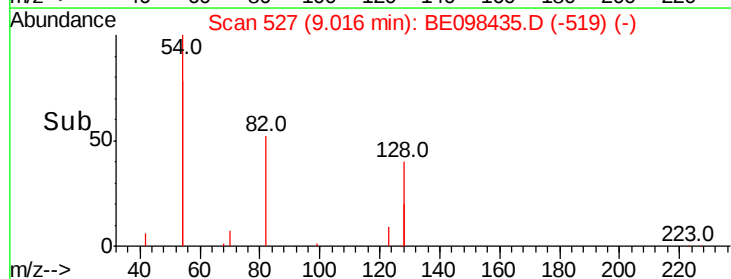
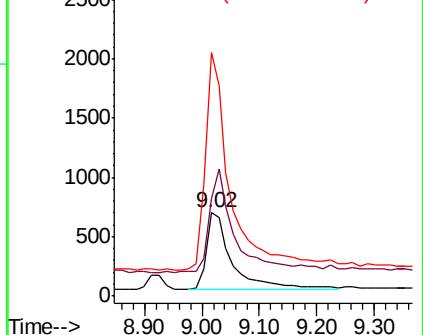
Lab File: BE098435.D

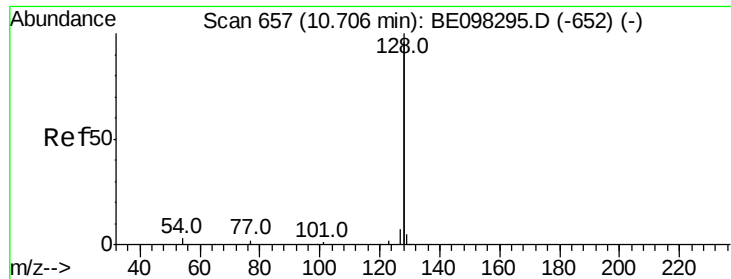
Acq: 14 Dec 2018 14:41

Tgt Ion	Ratio	Lower	Upper
82	100		
128	117.4	102.4	153.6
54	292.3	221.8	332.8



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





#9

Naphthalene

Concen: 0.388 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_E

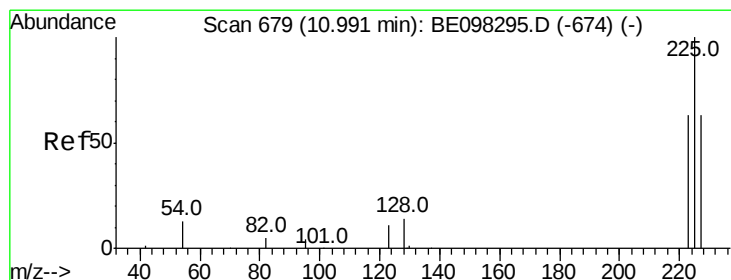
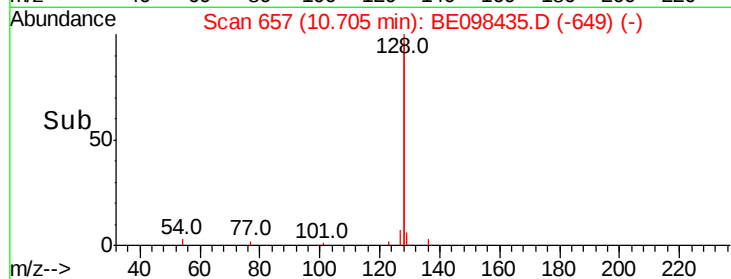
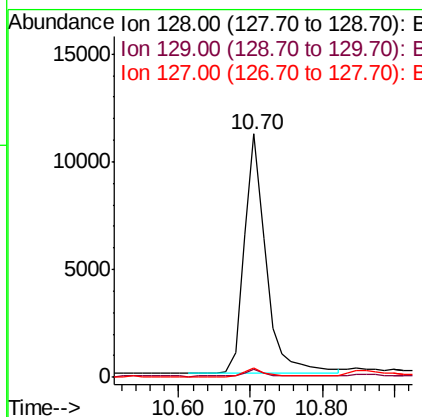
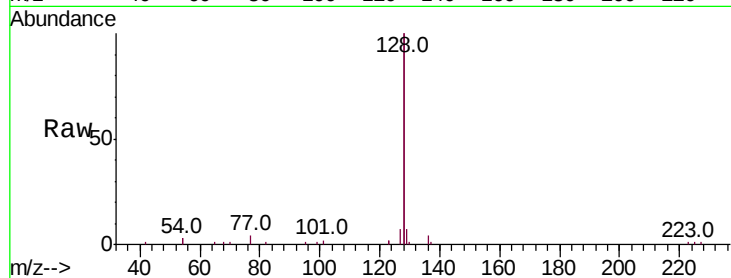
ClientSampleId :

SSTDCCC0.4

Tot Ion:	128	Resp:	23022
Ion Ratio	Lower	Upper	
128	100		
129	3.3	2.5	3.7
127	3.7	2.7	4.1

Manual Integrations
APPROVED

Sohil
12/17/2018 5:16:13 PM



#10

Hexachlorobutadiene

Concen: 0.417 ng

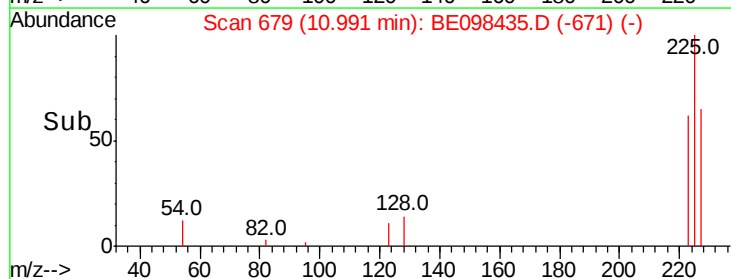
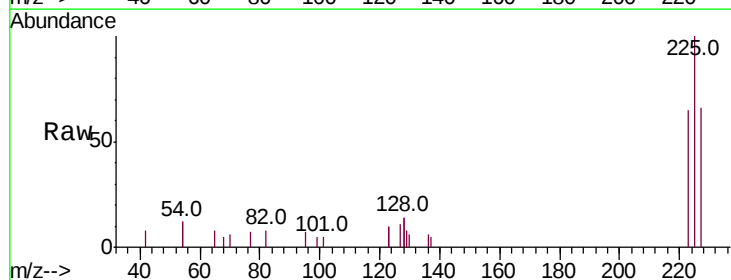
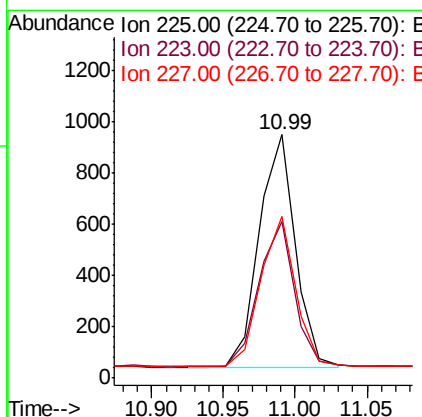
RT: 10.99 min Scan# 679

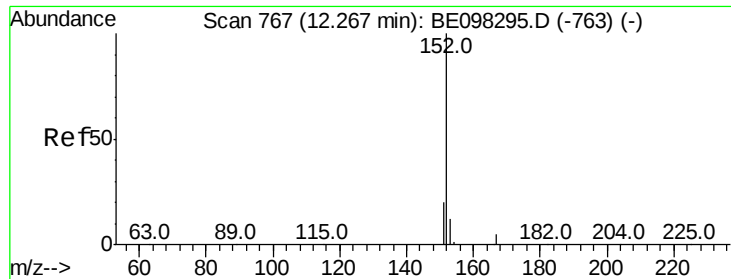
Delta R.T. -0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Tgt Ion:	225	Resp:	1578
Ion Ratio	Lower	Upper	
225	100		
223	62.4	49.4	74.0
227	63.6	52.0	78.0





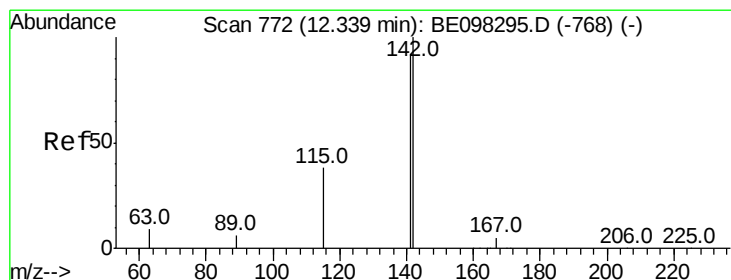
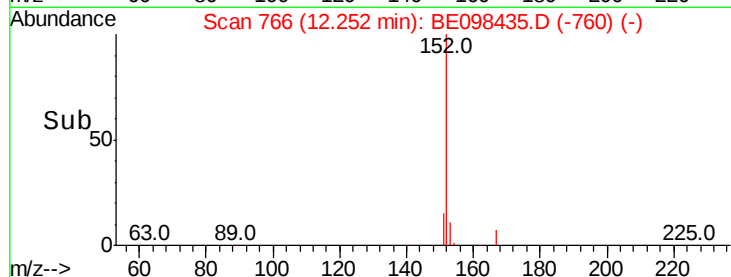
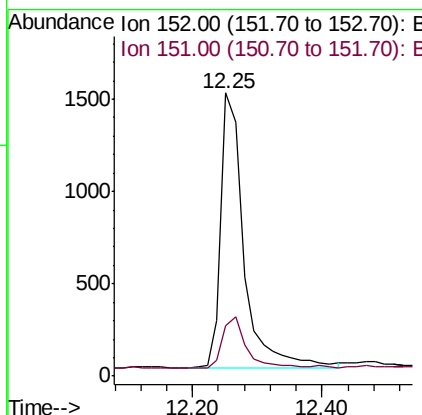
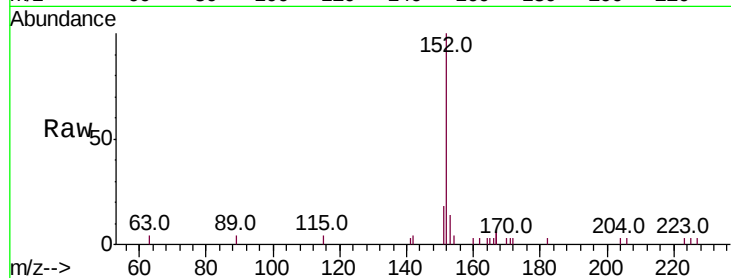
#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.02 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4

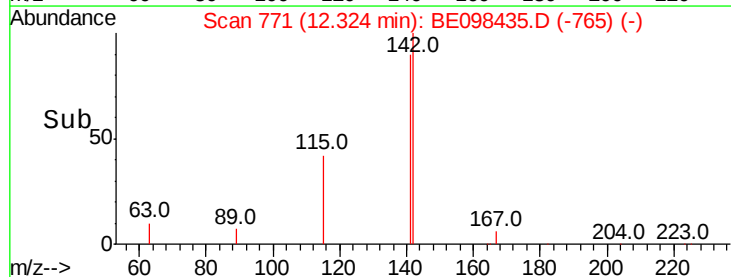
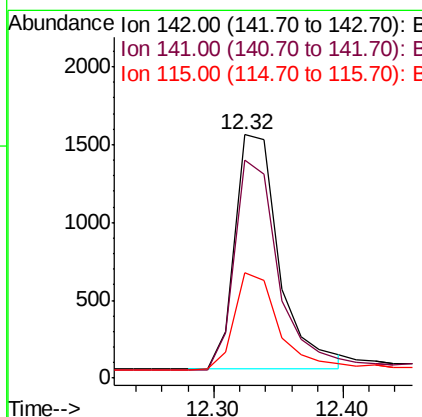
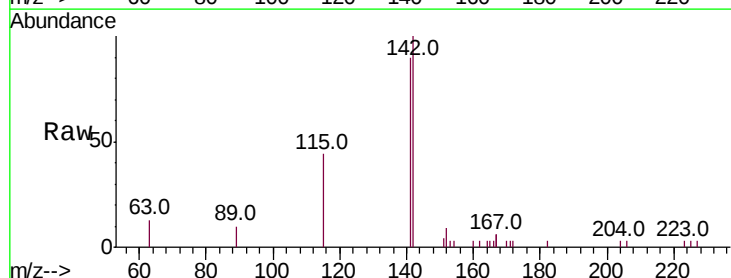
Manual Integrations
APPROVED

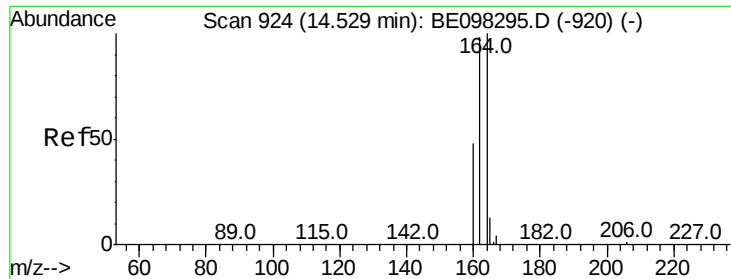
Sohil
12/17/2018 5:16:13 PM



#12
2-Methylnaphthalene
Concen: 0.372 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.02 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	43.5	32.2	48.2





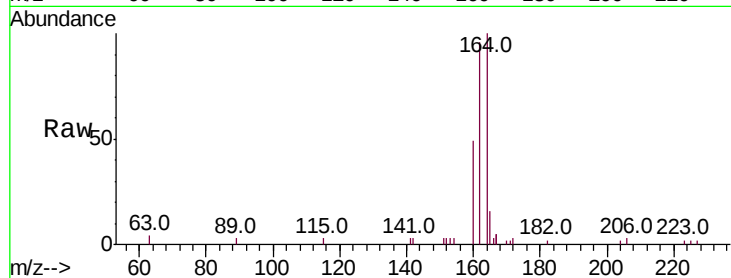
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.3	77.6	116.4
160	49.2	36.0	54.0

Manual Integrations
APPROVED

Sohil
12/17/2018 5:16:13 PM

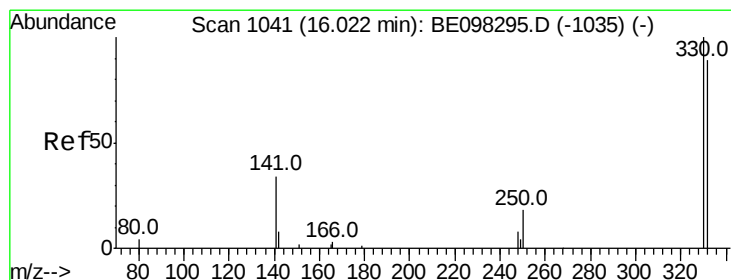
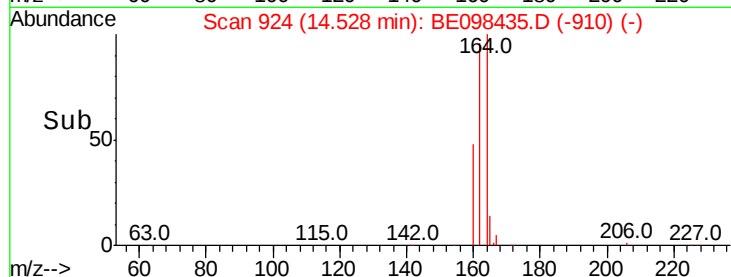
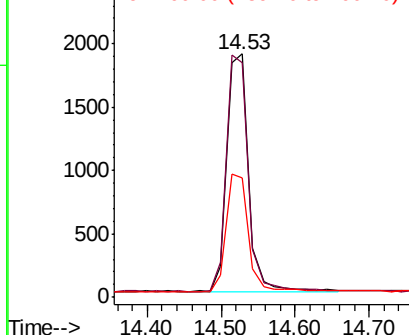


Abundance

Ion 164.00 (163.70 to 164.70): E

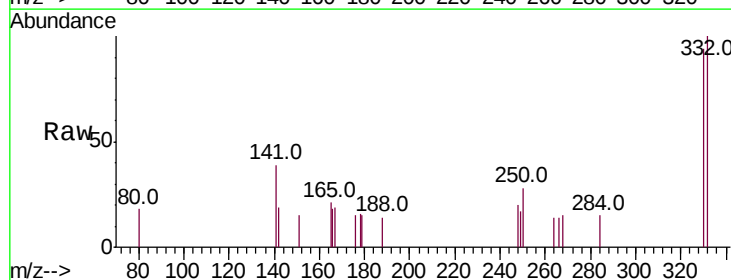
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.448 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.2	76.2	114.4
141	38.8	39.0	58.4#

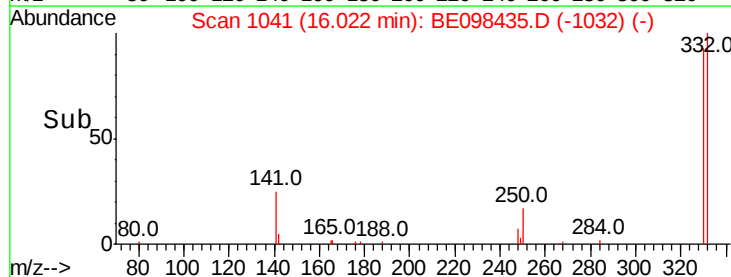
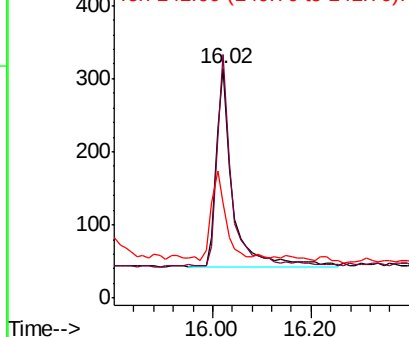


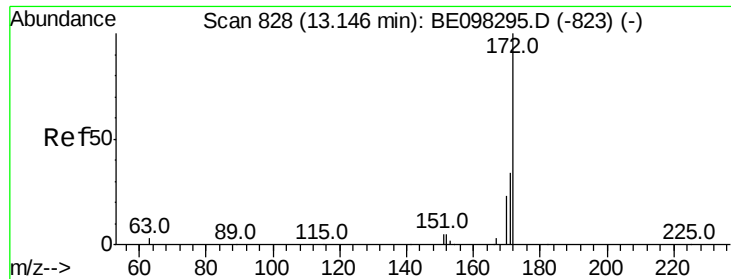
Abundance

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





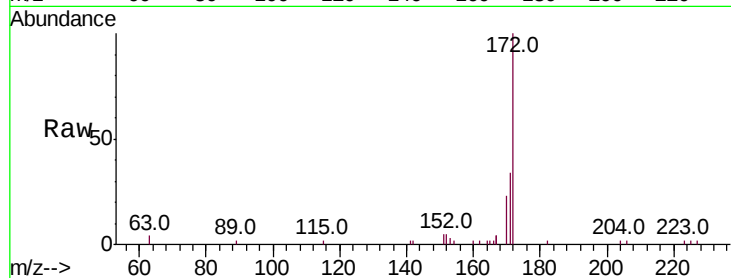
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.5	41.3
170	23.2	19.6	29.4

Manual Integrations
APPROVED

Sohil
12/17/2018 5:16:13 PM

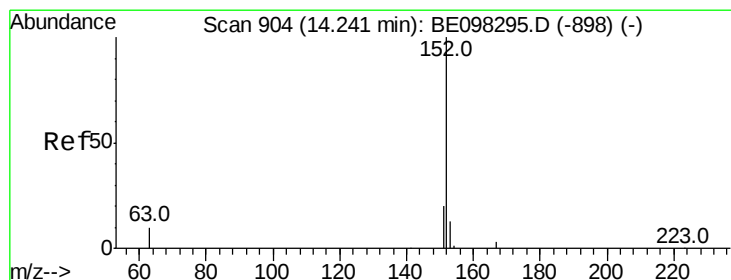
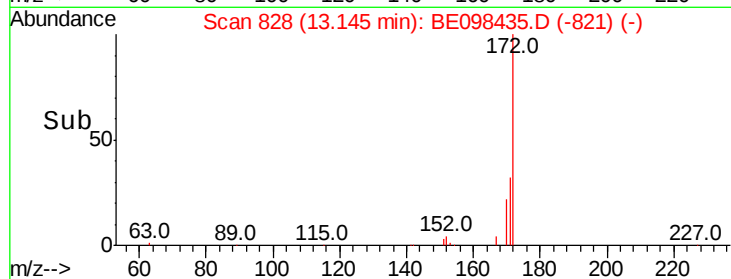
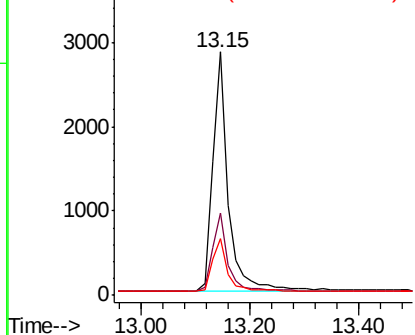


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

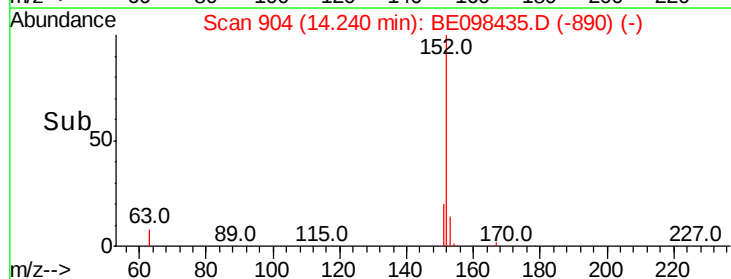
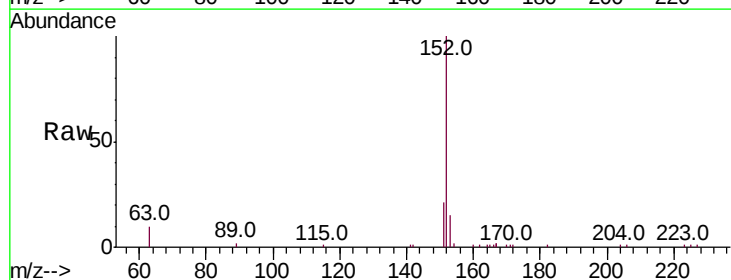
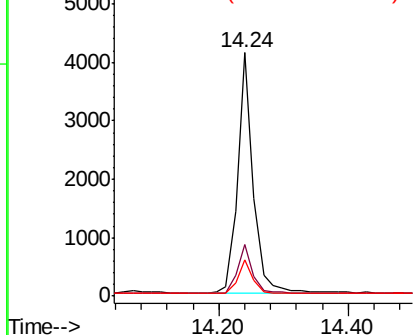
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.2	10.6	16.0

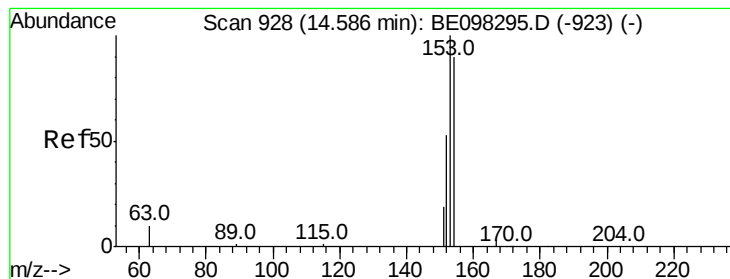
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.386 ng

RT: 14.59 min Scan# 928

Delta R.T. -0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_E

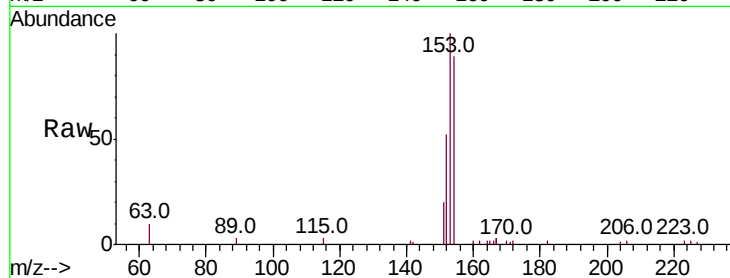
ClientSampleId :

SSTDCCC0.4

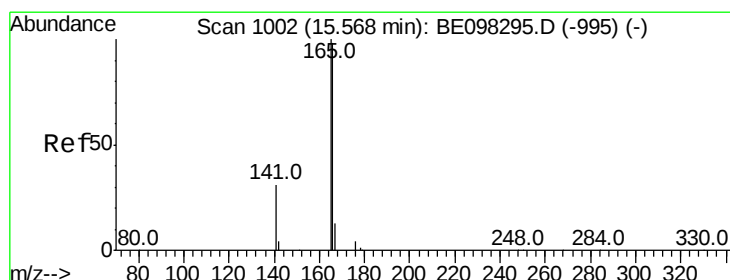
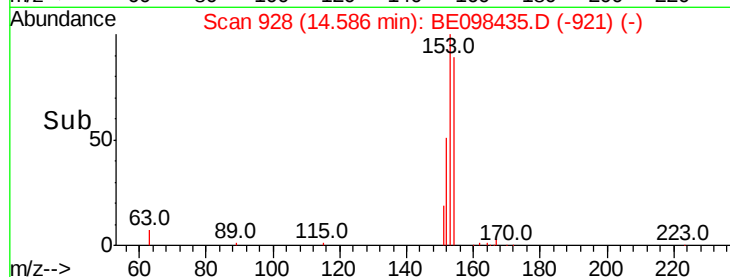
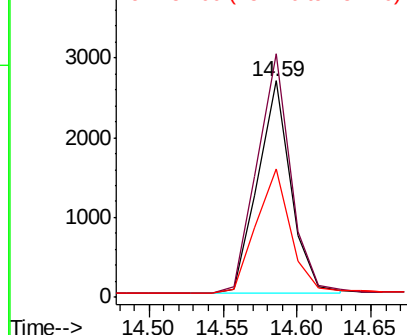
Tot Ion:	154	Resp:	4129
Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.8	137.6
152	60.2	45.5	68.3

Manual Integrations
APPROVED

Sohil
12/17/2018 5:16:13 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.383 ng

RT: 15.57 min Scan# 1002

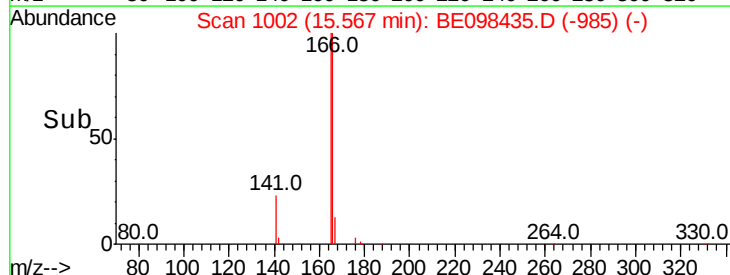
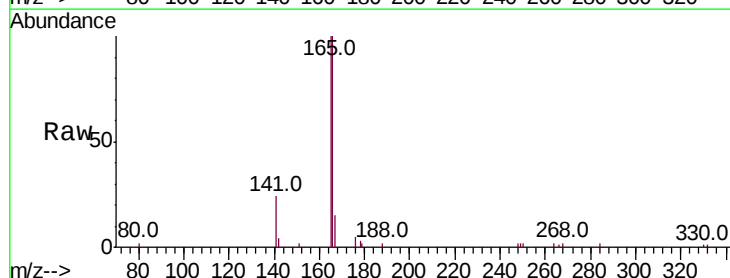
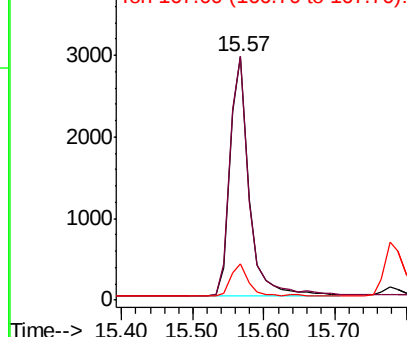
Delta R.T. -0.00 min

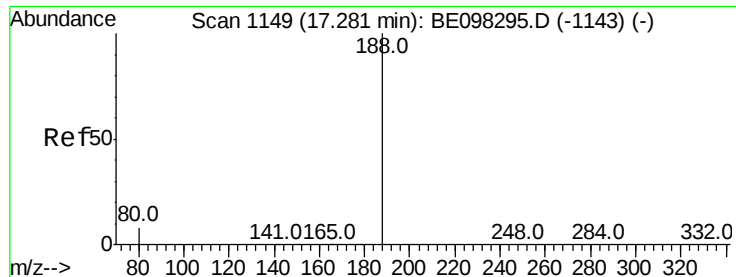
Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Tgt Ion:	166	Resp:	5484
Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.3	118.9
167	13.7	11.3	16.9

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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

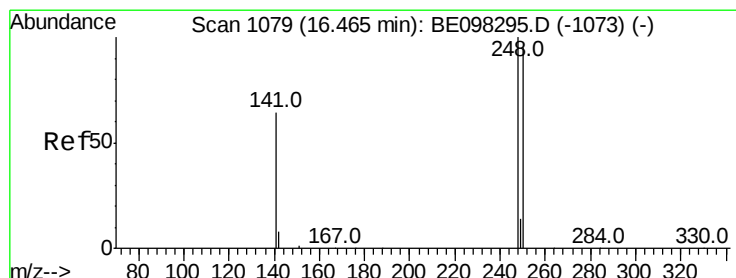
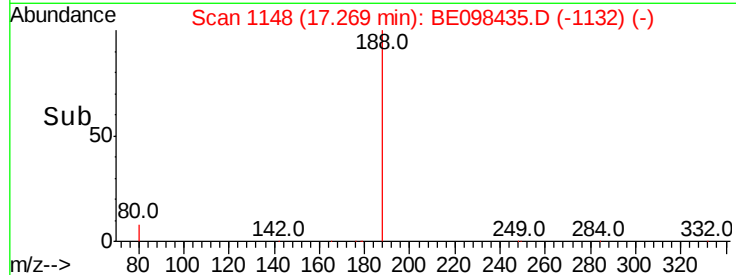
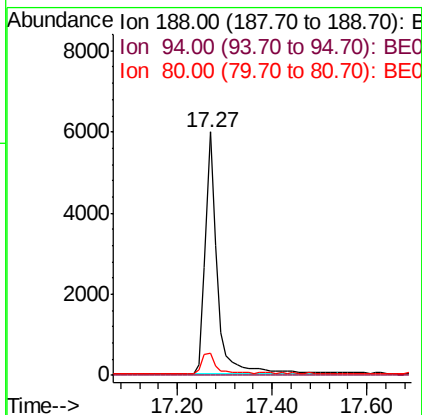
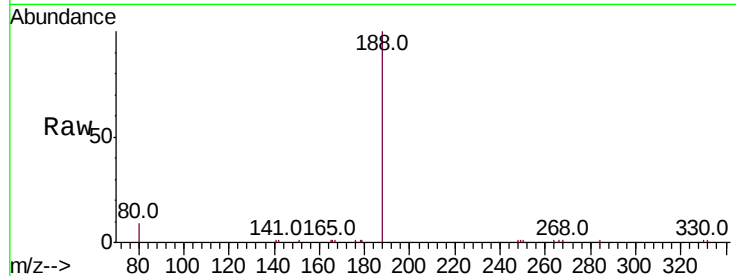
Instrument :
BNA_E

ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.2	10.8

Manual Integrations
APPROVED

Sohil
12/17/2018 5:16:13 PM



#20

4-Bromophenyl-phenylether

Concen: 0.365 ng

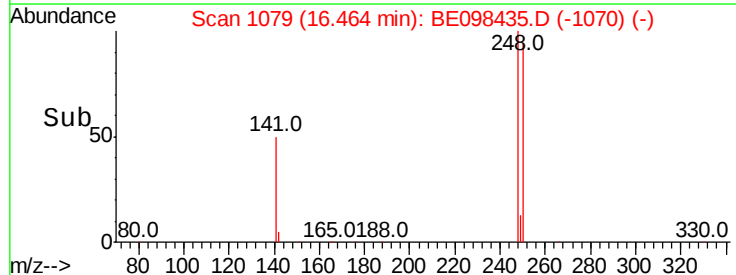
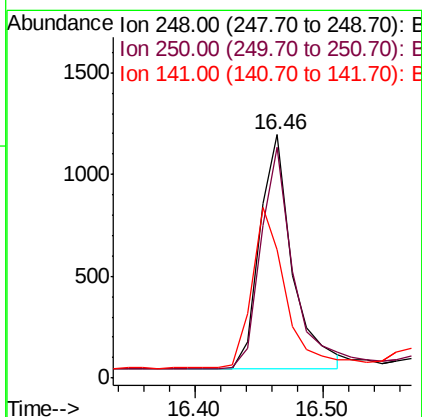
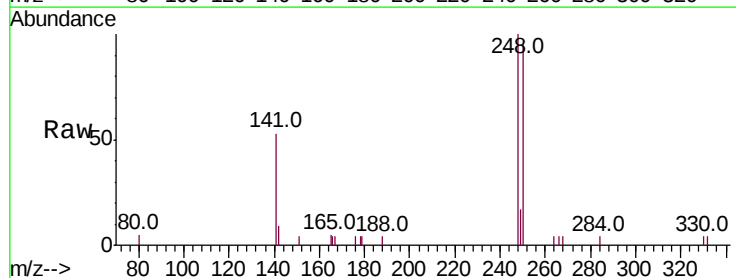
RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	94.8	71.0	106.6
141	52.5	62.1	93.1





#21

Hexachlorobenzene

Concen: 0.374 ng

RT: 16.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_E

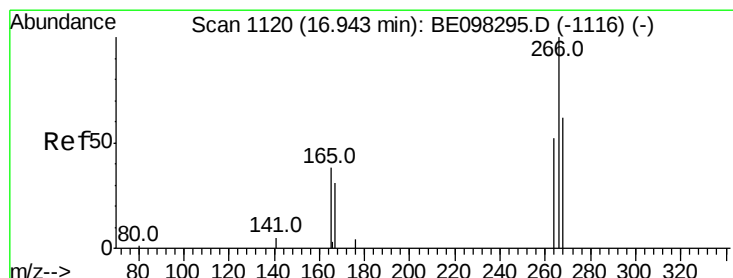
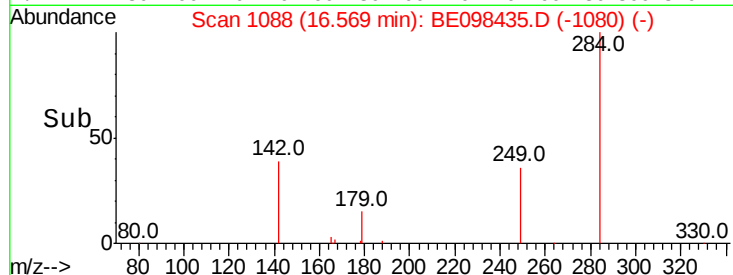
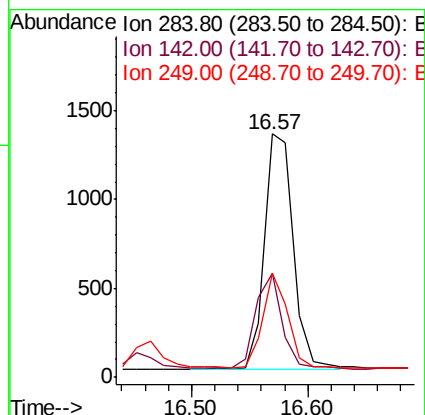
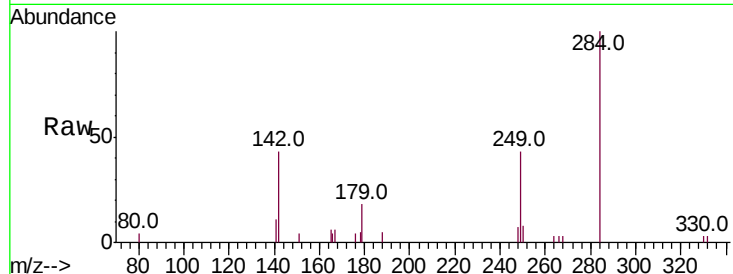
ClientSampleId :

SSTDCCC0.4

Tot Ion:	284	Resp:	2270
Ion Ratio	Lower	Upper	
284	100		
142	37.2	26.3	39.5
249	35.0	26.0	39.0

Manual Integrations
APPROVED

Sohil
12/17/2018 5:16:13 PM



#22

Pentachlorophenol

Concen: 0.438 ng

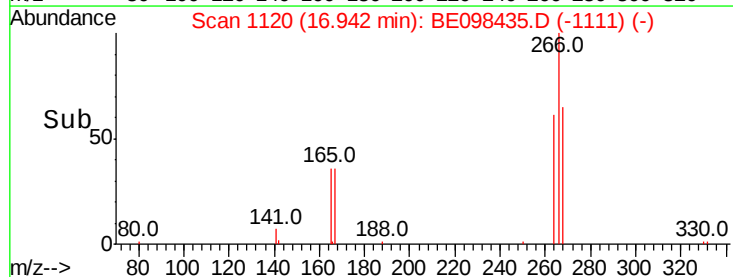
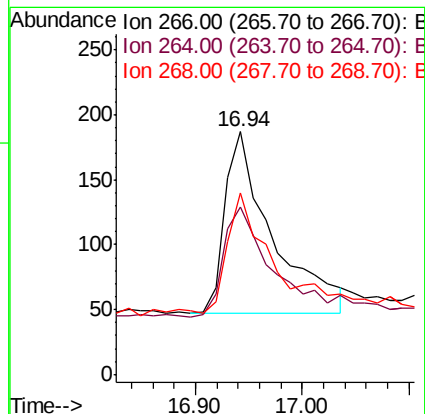
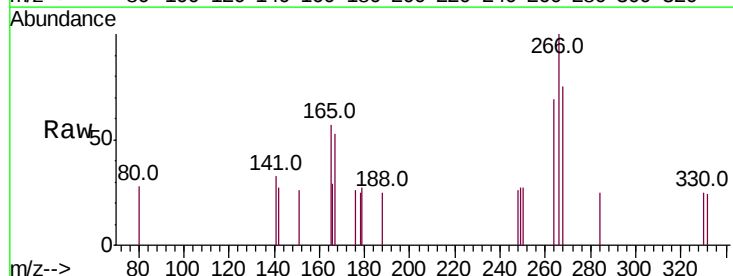
RT: 16.94 min Scan# 1120

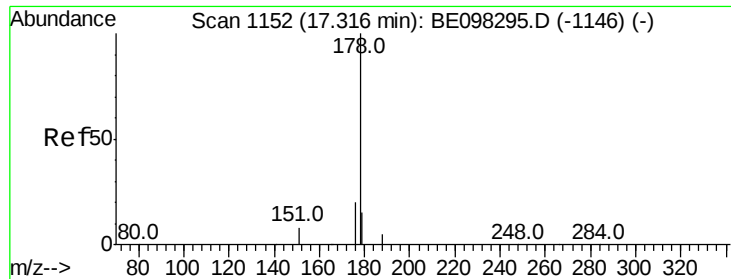
Delta R.T. 0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Tgt Ion:	266	Resp:	433
Ion Ratio	Lower	Upper	
266	100		
264	69.0	59.0	88.4
268	74.9	55.1	82.7





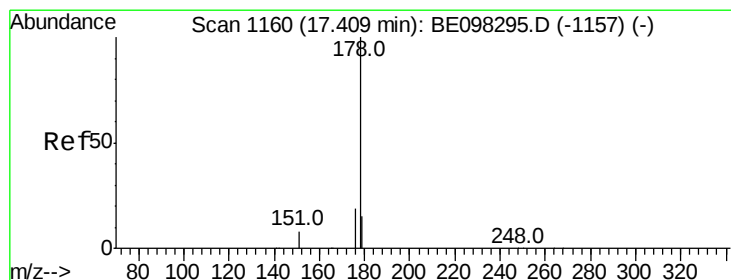
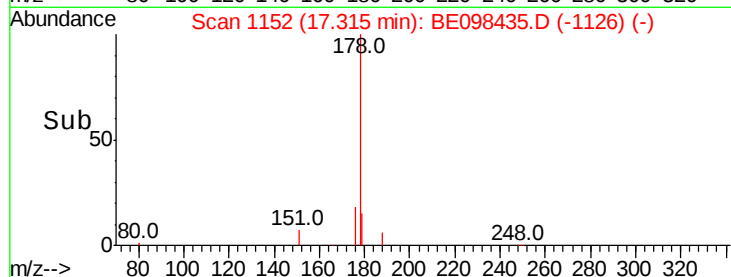
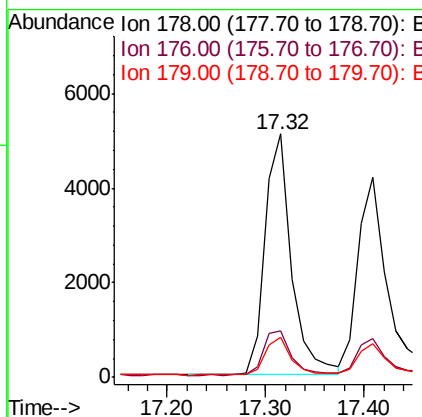
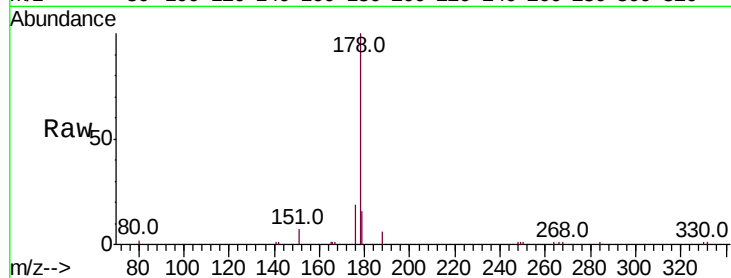
#23
Phenanthrene
Concen: 0.373 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.5	12.3	18.5

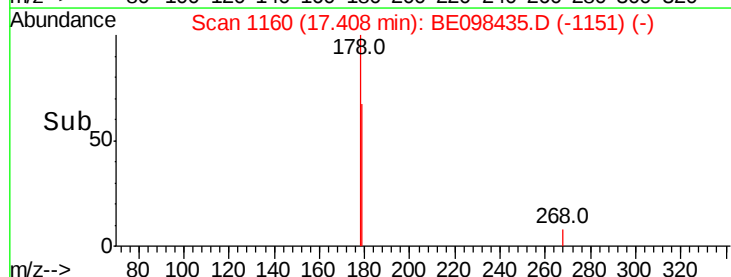
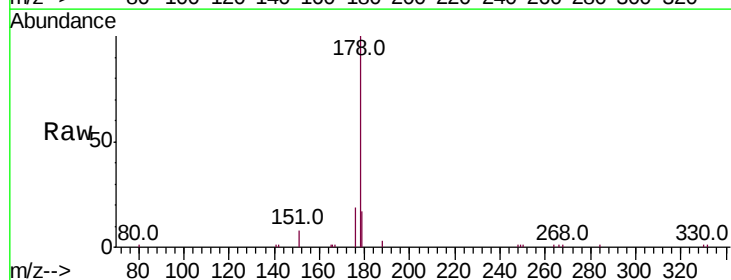
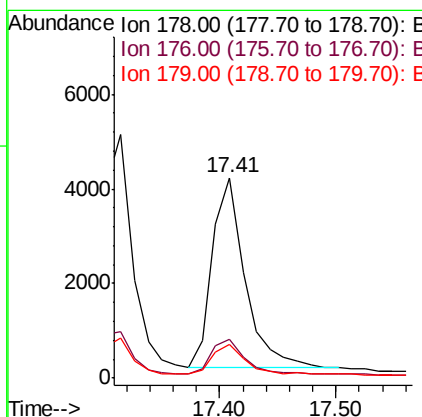
Manual Integrations
APPROVED

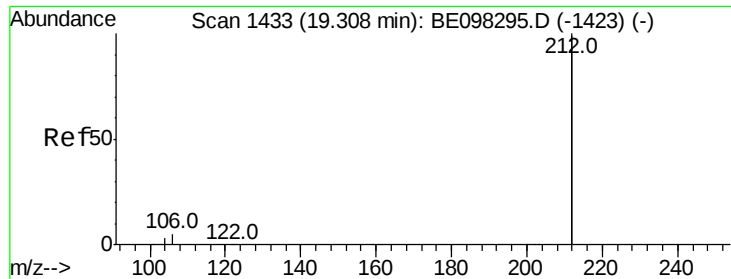
Sohil
12/17/2018 5:16:13 PM



#24
Anthracene
Concen: 0.347 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.1	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.400 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_E

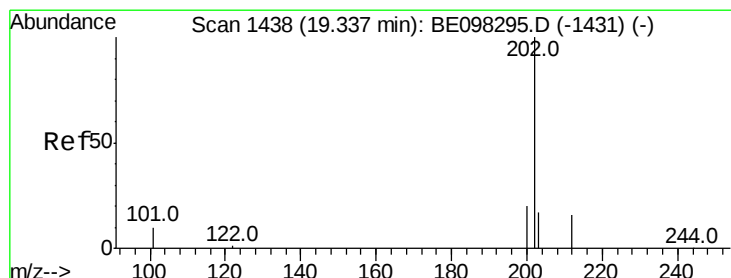
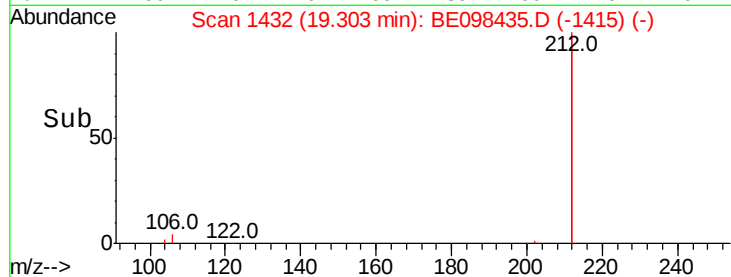
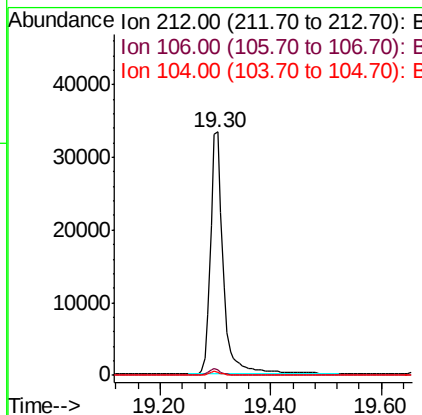
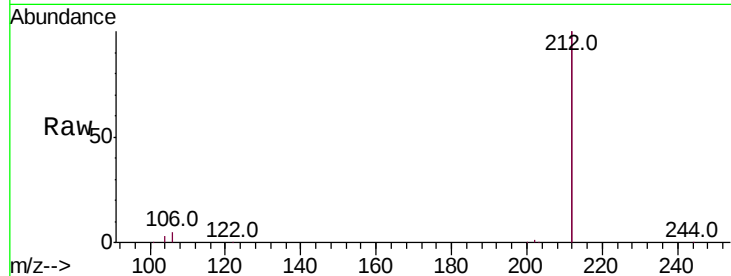
ClientSampleId :

SSTDCCC0.4

Tot Ion:	212	Resp:	53745
Ion Ratio	Lower	Upper	
212	100		
106	2.5	2.2	3.2
104	1.4	1.3	1.9

Manual Integrations
APPROVED

Sohil
12/17/2018 5:16:13 PM



#26

Fluoranthene

Concen: 0.401 ng

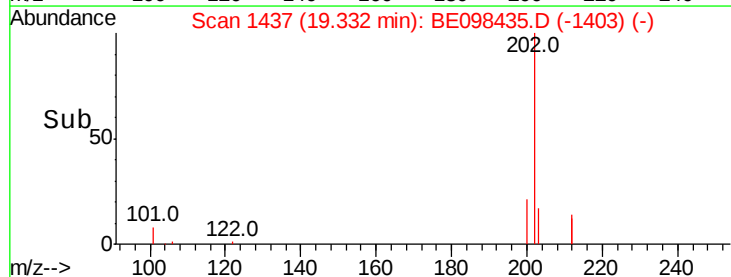
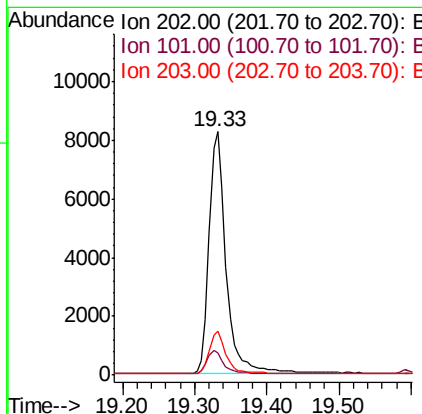
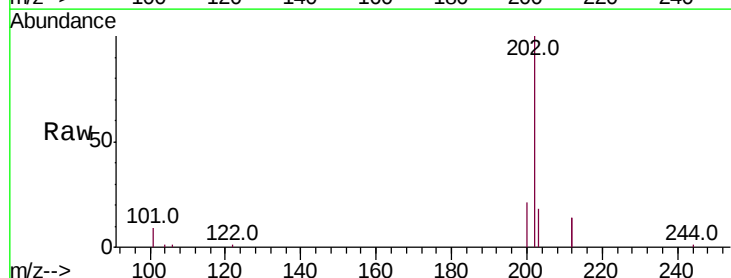
RT: 19.33 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Tgt Ion:	202	Resp:	13515
Ion Ratio	Lower	Upper	
202	100		
101	9.4	8.0	12.0
203	16.8	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_E

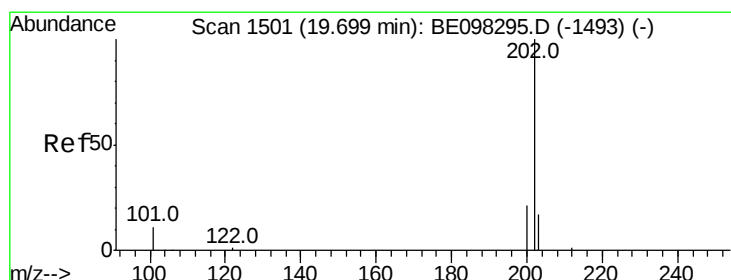
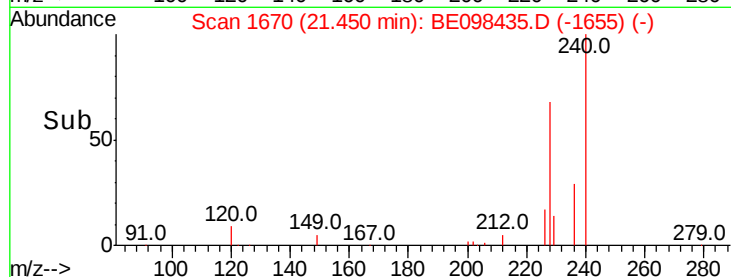
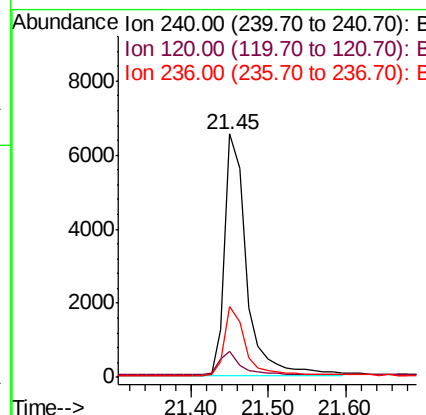
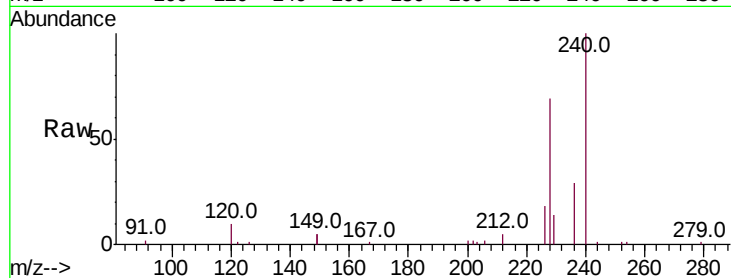
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	29.2	22.7	34.1

Manual Integrations
APPROVED

Sohil
12/17/2018 5:16:13 PM



#28

Pyrene

Concen: 0.343 ng

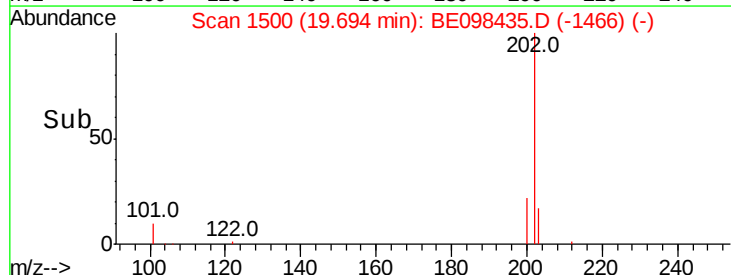
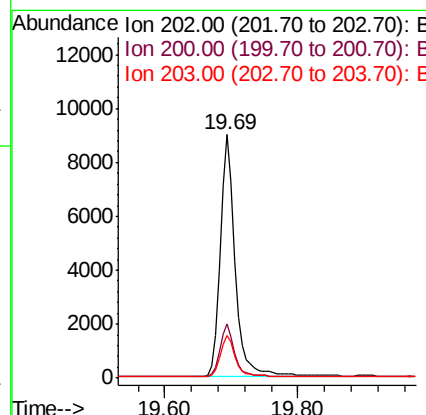
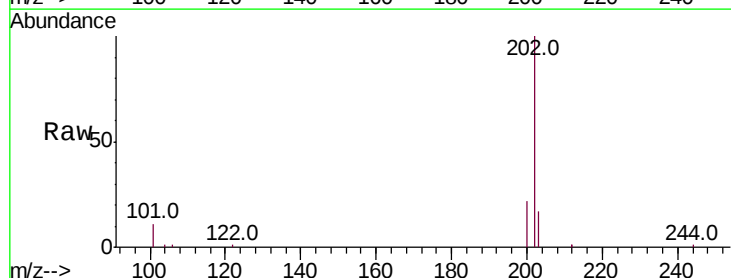
RT: 19.69 min Scan# 1500

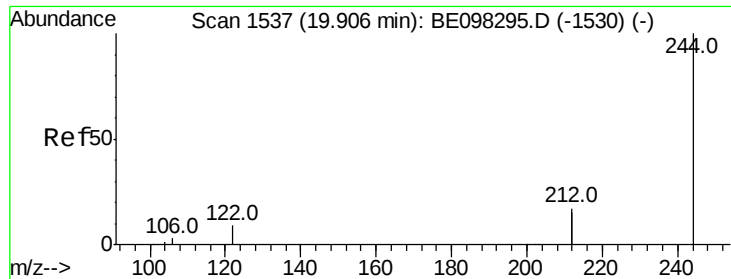
Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.1	14.1	21.1





#29

Terphenyl-d14

Concen: 0.326 ng/mL

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_E

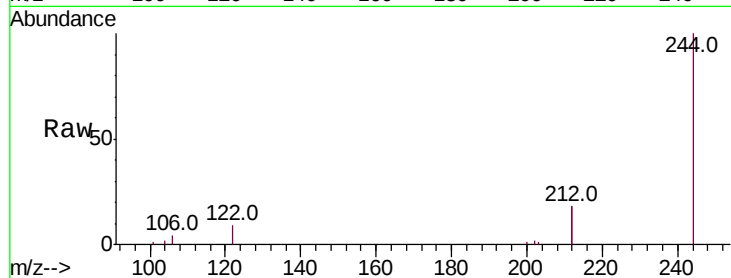
ClientSampleID :

SSTDCCC0.4

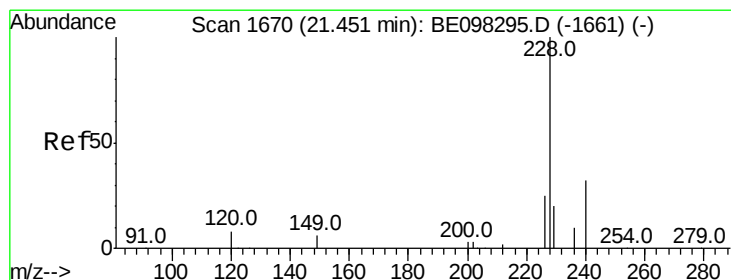
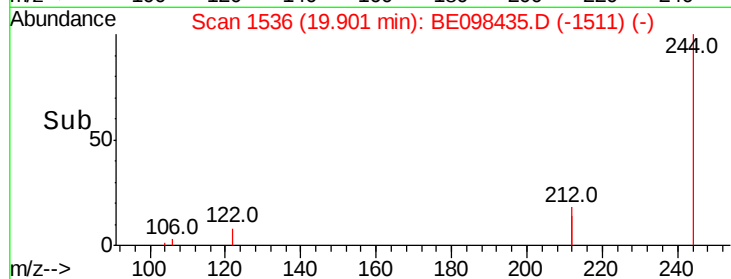
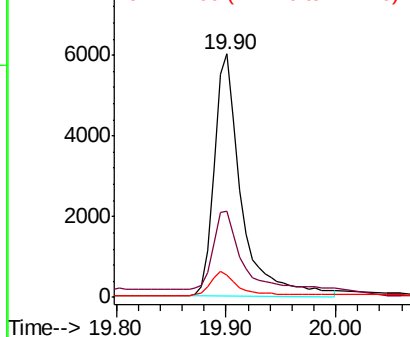
Tot Ion:	244	Resp:	10194
Ion Ratio	Lower	Upper	
244	100		
212	17.6	27.4	41.0#
122	9.2	8.3	12.5

Manual Integrations
APPROVED

Sohil
12/17/2018 5:16:13 PM



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: 0.349 ng/mL

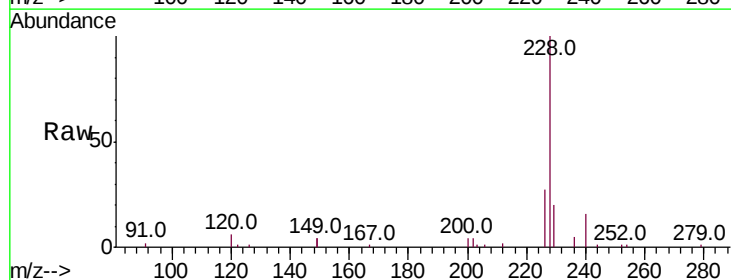
RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

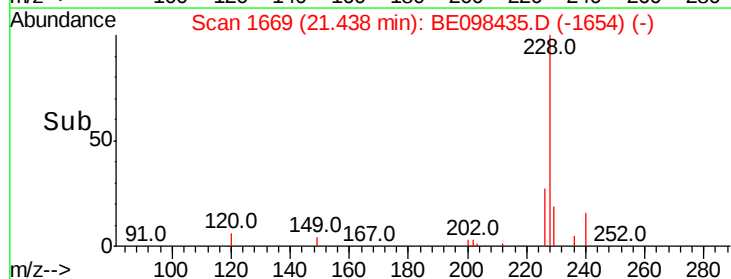
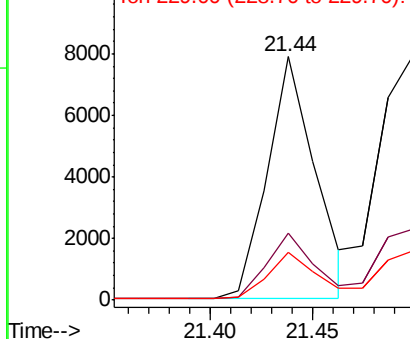
Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Tgt Ion:	228	Resp:	12812
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.8	32.8
229	19.9	16.3	24.5



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





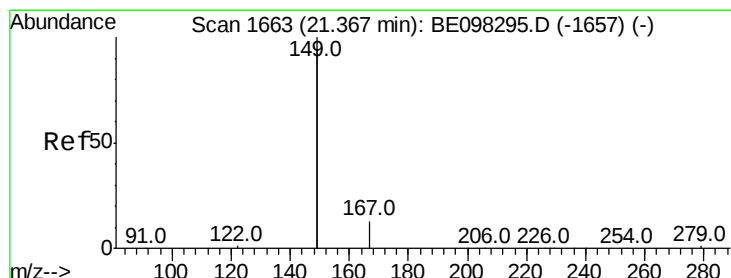
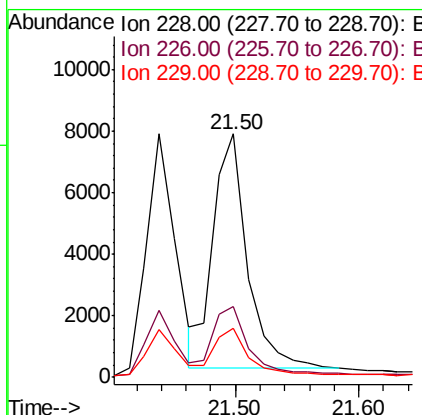
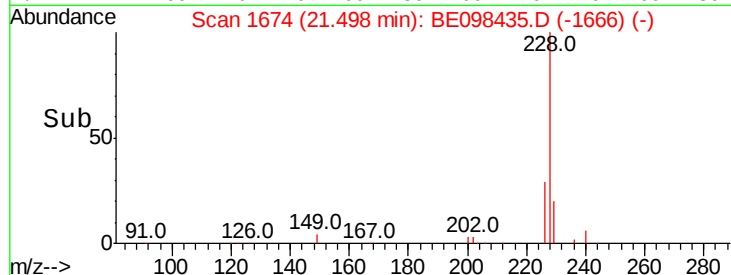
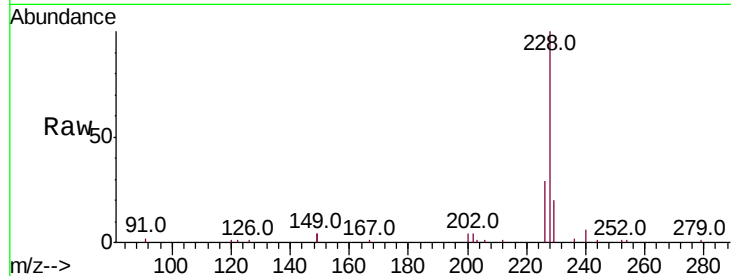
#31
 Chrysene
 Concen: 0.384 ng
 RT: 21.50 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BE098435.D
 Acq: 14 Dec 2018 14:41

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:	228	Resp:	14756
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.0
229	20.4	16.2	24.4

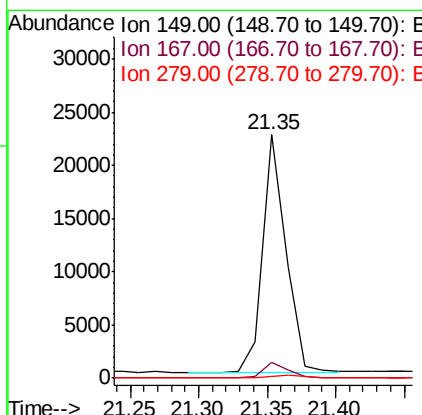
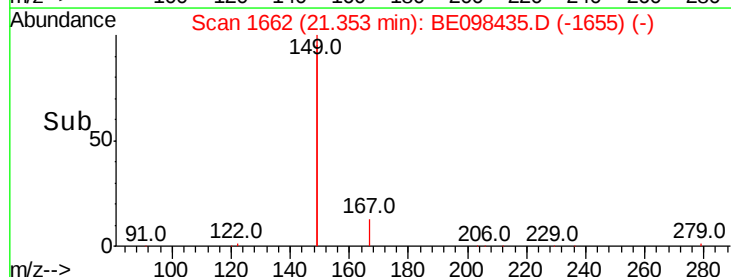
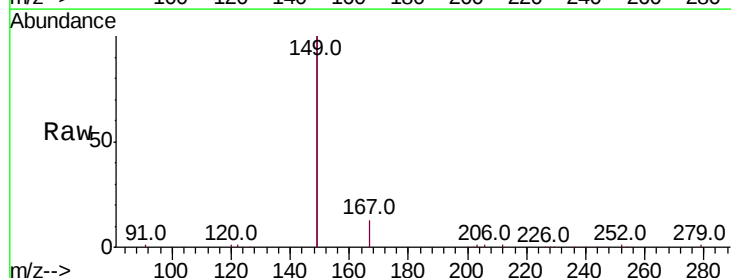
Manual Integrations
 APPROVED

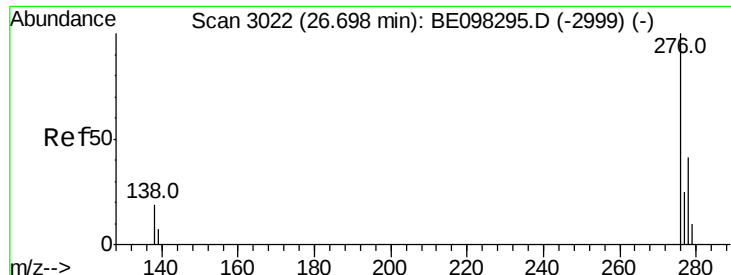
Sohil
 12/17/2018 5:16:13 PM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.351 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098435.D
 Acq: 14 Dec 2018 14:41

Tgt Ion:	149	Resp:	26115
Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.7	8.5
279	1.1	1.0	1.4





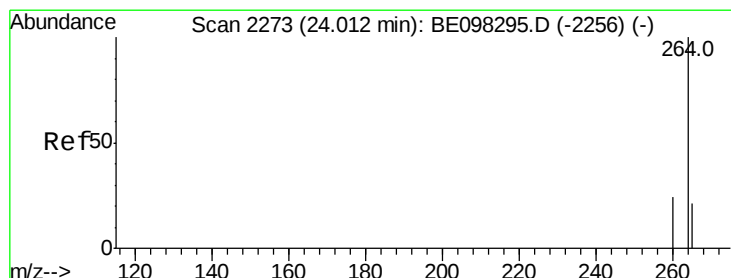
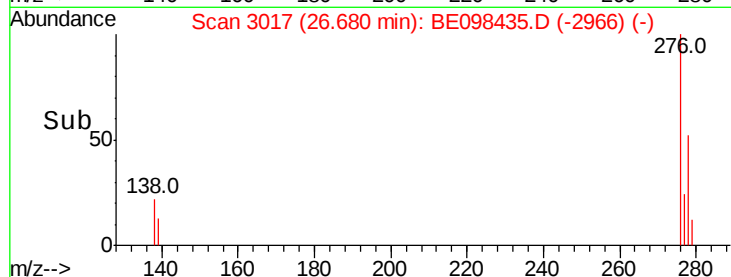
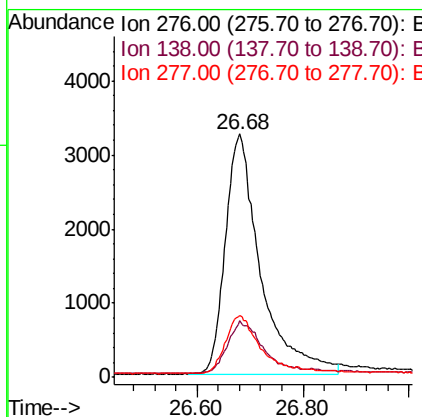
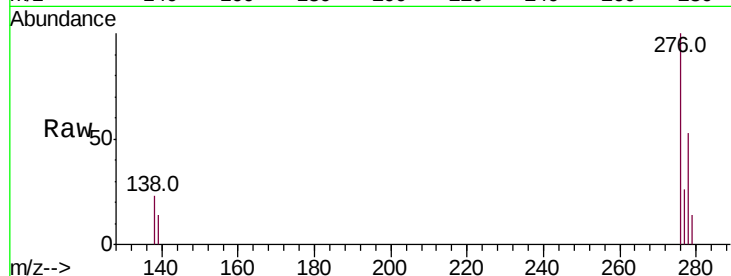
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 26.68 min Scan# 3017
Delta R.T. -0.02 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	16.3	24.5
277	23.2	20.2	30.4

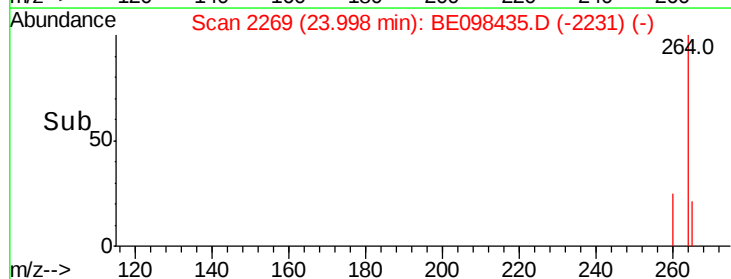
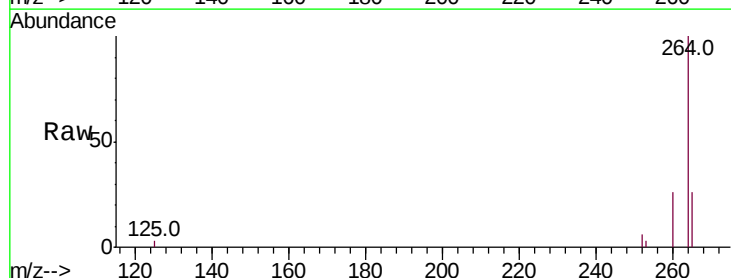
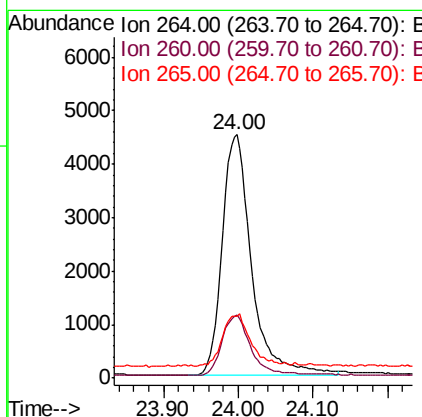
Manual Integrations
APPROVED

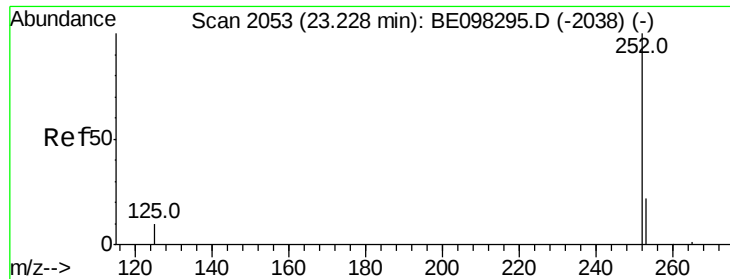
Sohil
12/17/2018 5:16:13 PM



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.2	30.2
265	25.6	25.2	37.8





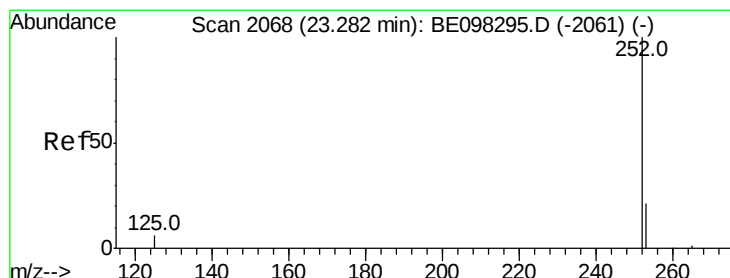
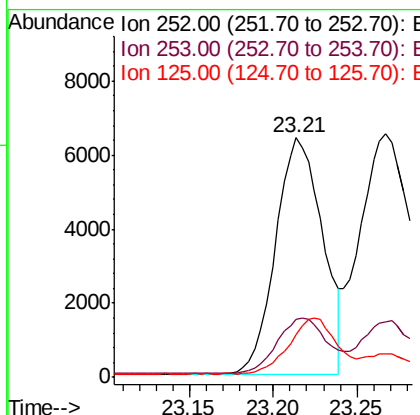
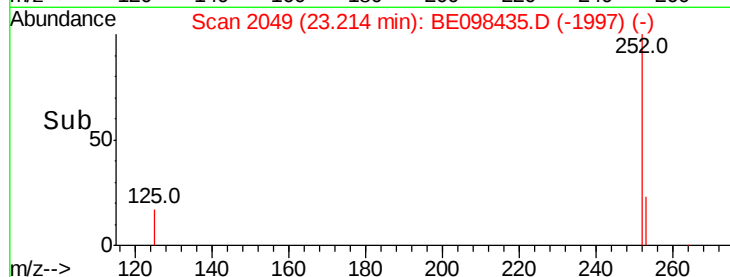
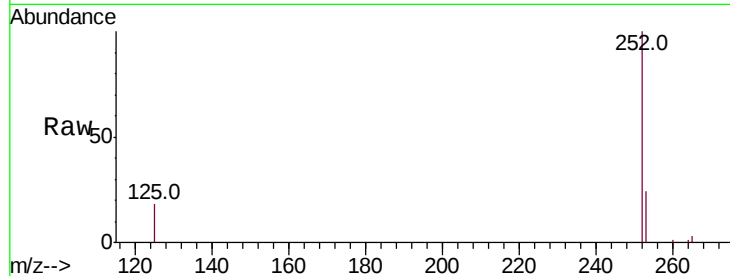
#35
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 23.21 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.0	30.0
125	17.8	9.6	14.4

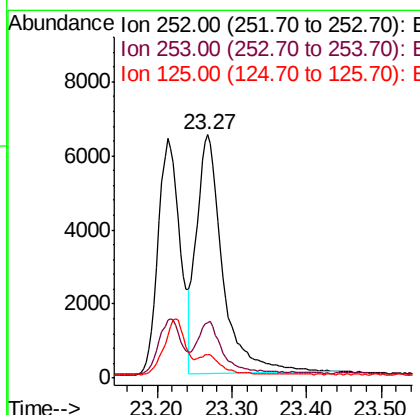
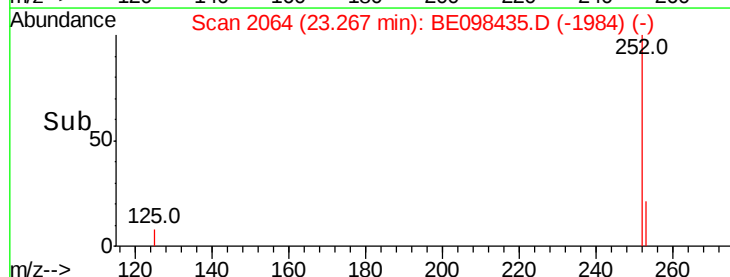
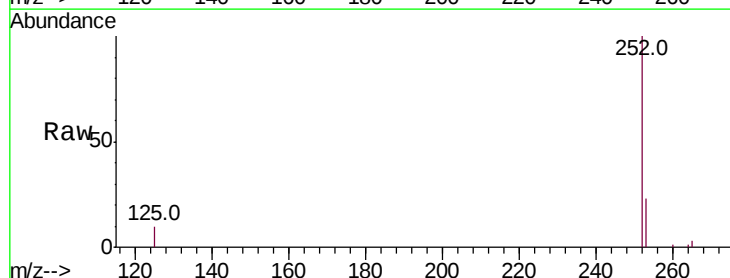
Manual Integrations
APPROVED

Sohil
12/17/2018 5:16:13 PM



#36
Benzo(k)fluoranthene
Concen: 0.406 ng
RT: 23.27 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.6
125	9.6	9.1	13.7





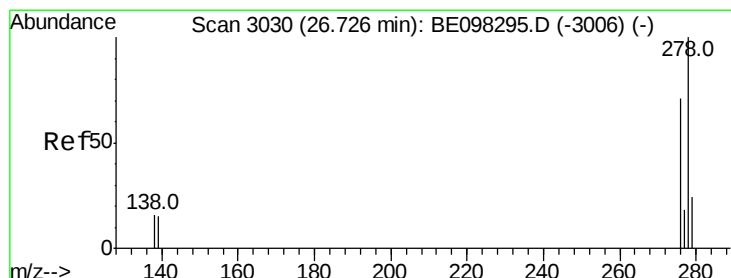
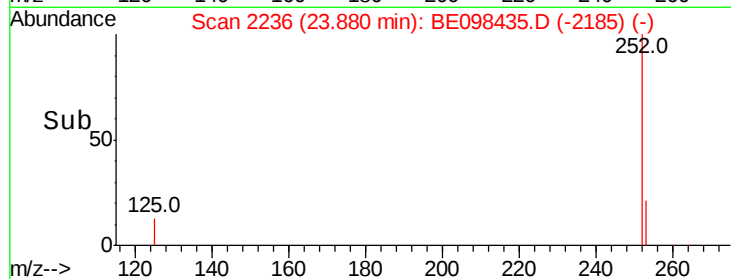
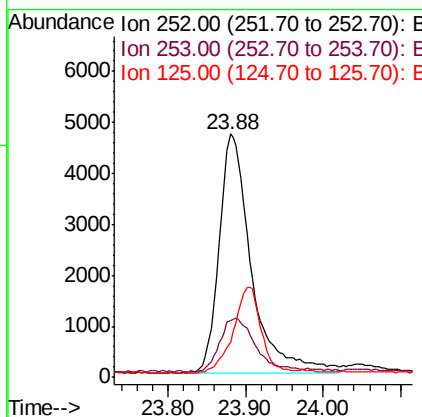
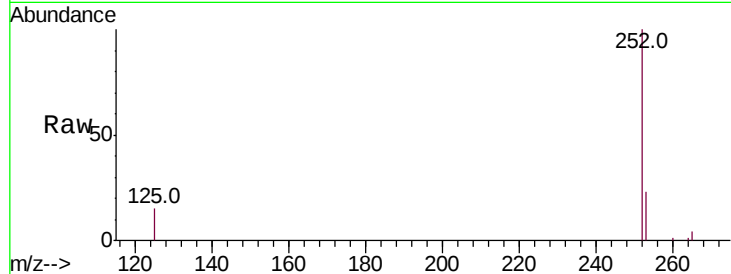
#37
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.88 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.6	30.8
125	14.5	10.5	15.7

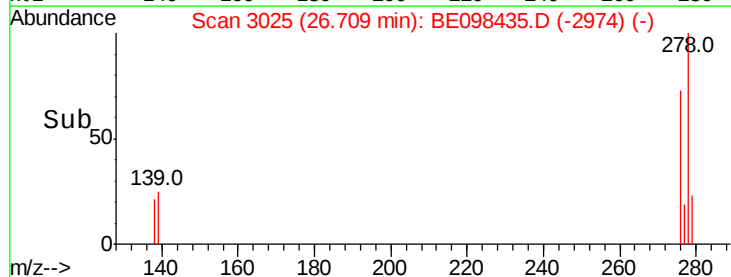
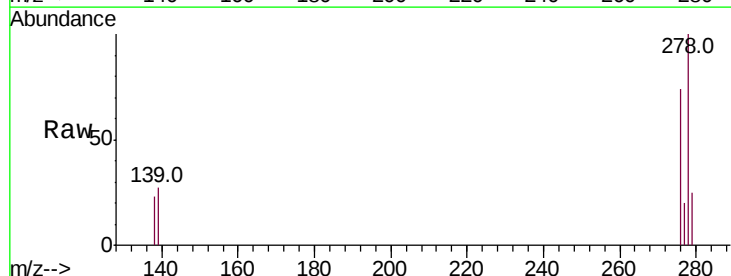
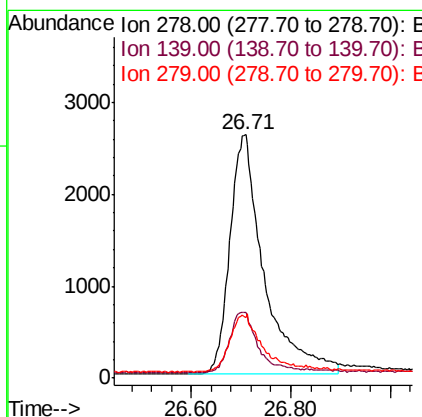
Manual Integrations
APPROVED

Sohil
12/17/2018 5:16:13 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 26.71 min Scan# 3025
Delta R.T. -0.02 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.1	14.5	21.7#
279	24.9	21.8	32.8





#39

Benzo(a,h,i)perylene

Concen: 0.382 ng

RT: 27.50 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_E

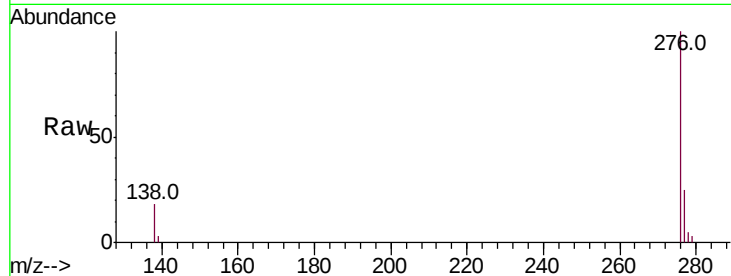
ClientSampleId :

SSTDCCC0.4

Tot Ion:	276	Resp:	12528
Ion Ratio	Lower	Upper	
276	100		
277	24.9	20.8	31.2
138	17.7	15.8	23.6

Manual Integrations
APPROVED

Sohil
12/17/2018 5:16:13 PM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

