

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
 Data File : BM014493.D
 Acq On : 06 Mar 2018 10:18
 Operator : SJ/JU
 Sample : J1678-08DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T8DL

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:49:16 PM

Quant Time: Mar 06 13:15:38 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 06 12:22:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	87018	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	329491	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	181448	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	392209	20.00	ng/ul	-0.01
75) Chrysene-d12	21.15	240	366169	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	341331	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	2107	1.04	ng/uL	0.00
5) Phenol-d5	6.75	99	34744	4.72	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.87	67	22426	5.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	30156	5.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	25971m	4.04	ng/ul	0.02
19) Nitrobenzene-d5	8.69	128	12509	5.14	ng/ul	0.01
22) 2-Nitrophenol-d4	9.40	143	13179	5.23	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.99	165	29662m	5.68	ng/ul	0.05
29) 4-Chloroaniline-d4	10.52	131	22995m	4.47	ng/ul	0.06
43) Dimethylphthalate-d6	13.60	166	98230m	6.56	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	117466	6.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	6158m	2.98	ng/ul	0.07
57) Fluorene-d10	15.18	176	77315	5.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	4370	1.86	ng/ul	0.02
70) Anthracene-d10	17.04	188	119559	6.32	ng/ul	0.00
76) Pyrene-d10	19.34	212	132987	7.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	112306	6.76	ng/ul	-0.01

Target Compounds

					Ovalue	
69) Phenanthrene	16.98	178	280068	12.394	ng/ul	96
71) Anthracene	17.07	178	50642	2.228	ng/ul	98
74) Fluoranthene	19.01	202	482957	17.889	ng/ul	97
77) Pyrene	19.37	202	421651	17.327	ng/ul#	96
80) Benzo(a)anthracene	21.14	228	204826	8.963	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.06	149	491537	34.110	ng/ul#	95
82) Chrysene	21.19	228	184413	8.650	ng/ul	97
84) Di-n-octyl phthalate	21.93	149	47652	1.627	ng/ul#	57
85) Benzo(b)fluoranthene	22.69	252	234677	10.268	ng/ul#	99
86) Benzo(k)fluoranthene	22.72	252	65790m	3.028	ng/ul	
88) Benzo(a)pyrene	23.23	252	160719	7.869	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.50	276	103280	5.211	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.49	278	30525m	1.854	ng/ul	
91) Benzo(g,h,i)perylene	26.17	276	78746	4.905	ng/ul#	97

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

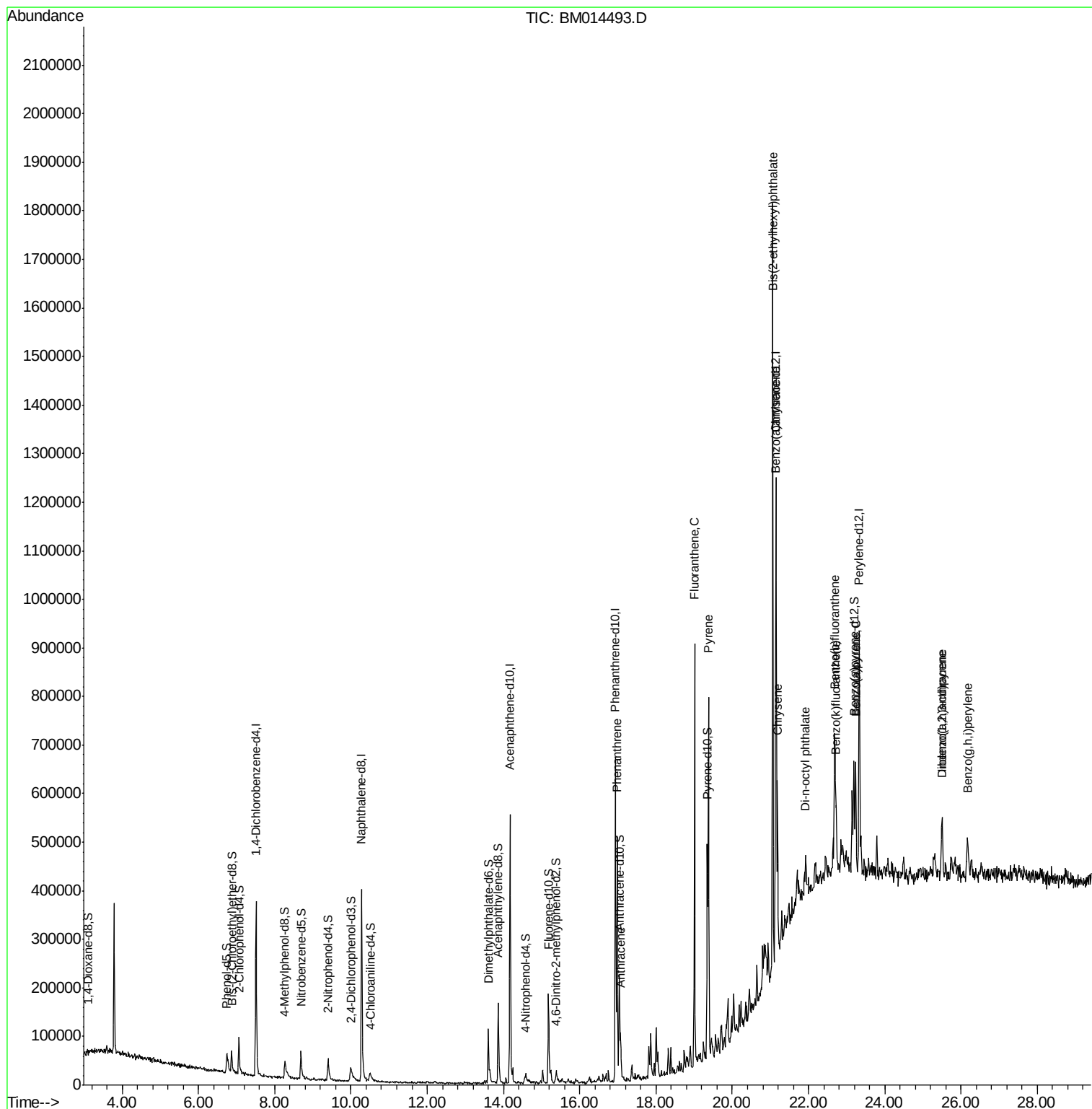
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
Data File : BM014493.D
Acq On : 06 Mar 2018 10:18
Operator : SJ/JU
Sample : J1678-08DL 5X
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ALS Vial : 3 Sample Multiplier: 1

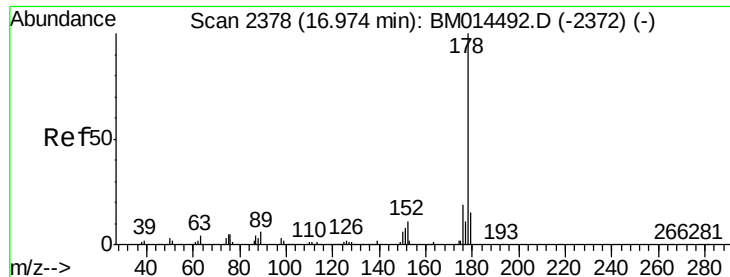
Instrument :
BNA_M
ClientSampled :
BE5T8DL

Manual Integrations
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Quant Time: Mar 06 13:15:38 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 06 12:22:39 2018
Response via : Initial Calibration





#69

Phenanthrene

Concen: 12.394 ng/ul

RT: 16.98 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM014493.D

Acq: 06 Mar 2018 10:18

Instrument :

BNA_M

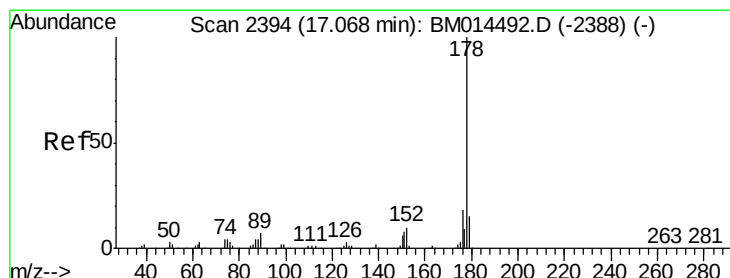
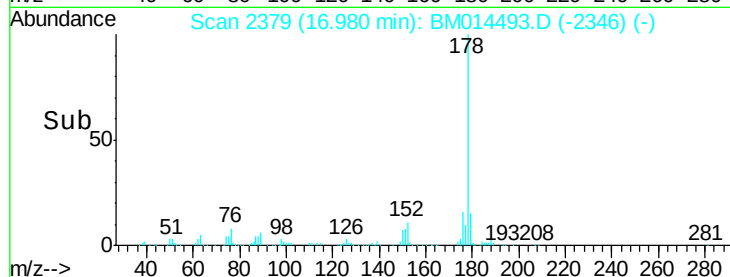
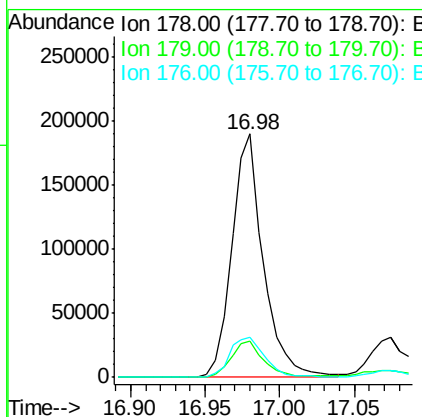
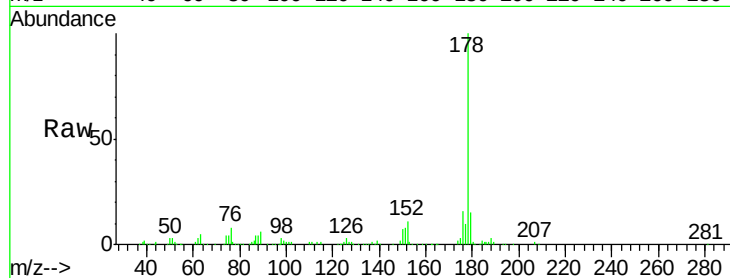
ClientSampleID :

BE5T8DL

Tot Ion:178	Resp:	280068
Ion Ratio	Lower	Upper
178	100	
179	14.9	12.6 19.0
176	16.5	14.9 22.3

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#71

Anthracene

Concen: 2.228 ng/ul

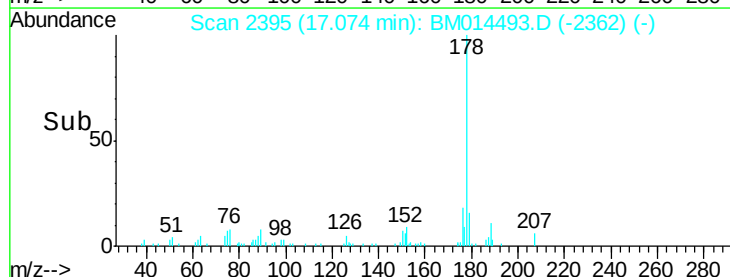
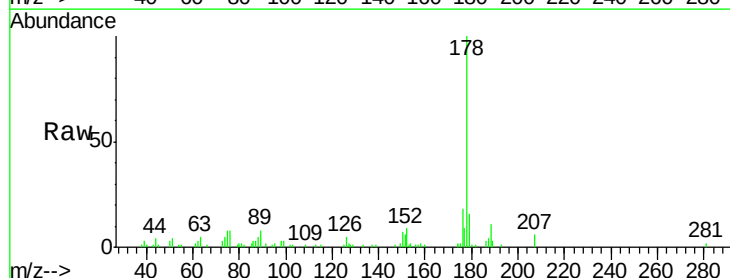
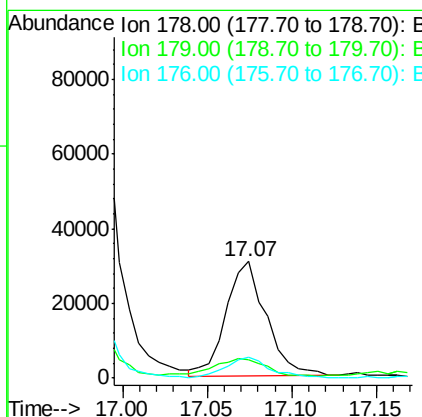
RT: 17.07 min Scan# 2395

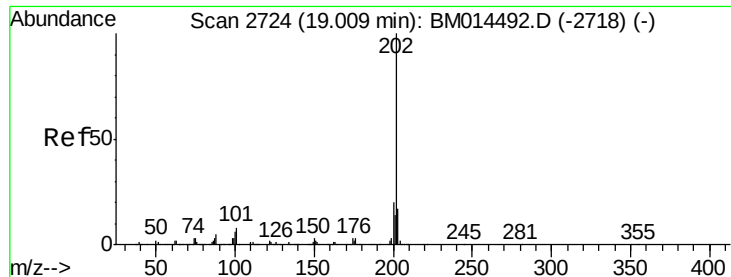
Delta R.T. -0.01 min

Lab File: BM014493.D

Acq: 06 Mar 2018 10:18

Tgt Ion:178	Resp:	50642
Ion Ratio	Lower	Upper
178	100	
179	16.1	11.7 17.5
176	18.3	14.6 21.8





#74

Fluoranthene

Concen: 17.889 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM014493.D

Acq: 06 Mar 2018 10:18

Instrument :

BNA_M

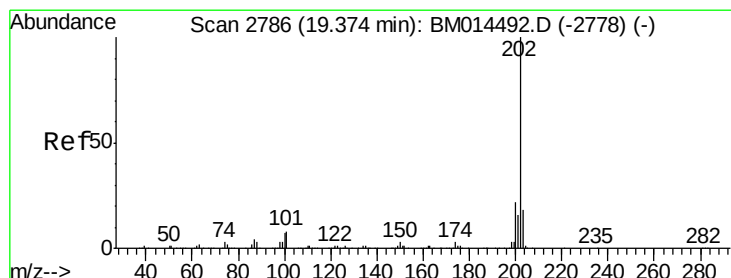
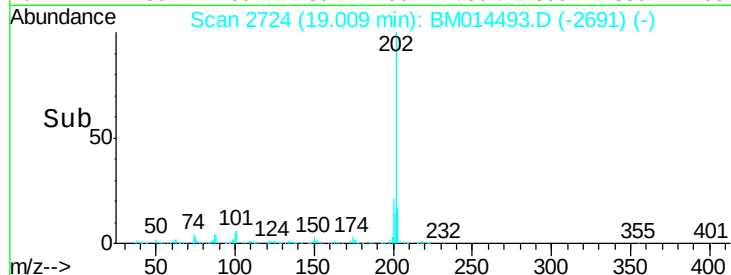
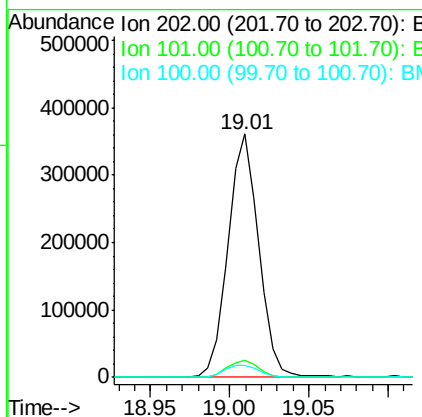
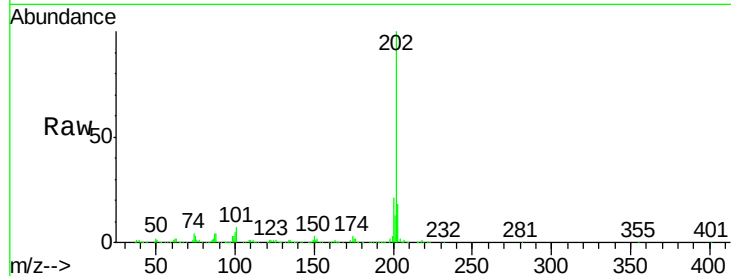
ClientSampleId :

BE5T8DL

Tot Ion:	202	Resp:	482957
Ion Ratio	Lower	Upper	
202	100		
101	6.8	4.6	7.0
100	5.1	3.4	5.2

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#77

Pyrene

Concen: 17.327 ng/ul

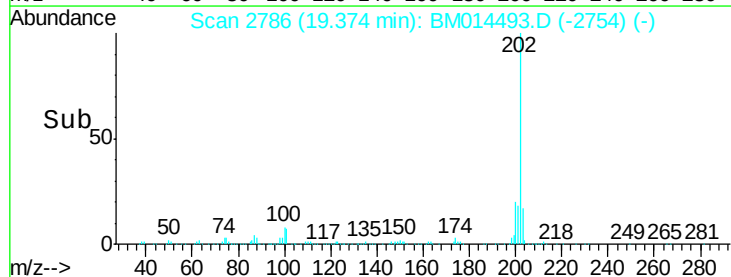
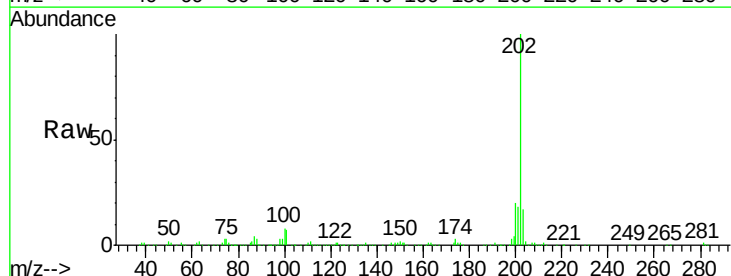
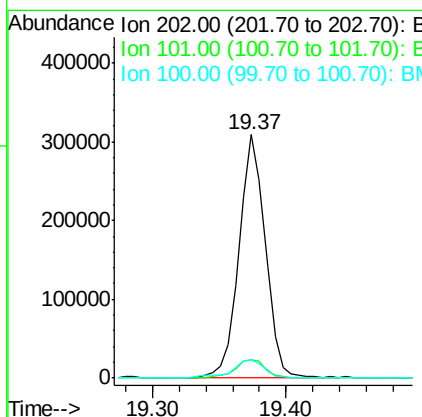
RT: 19.37 min Scan# 2786

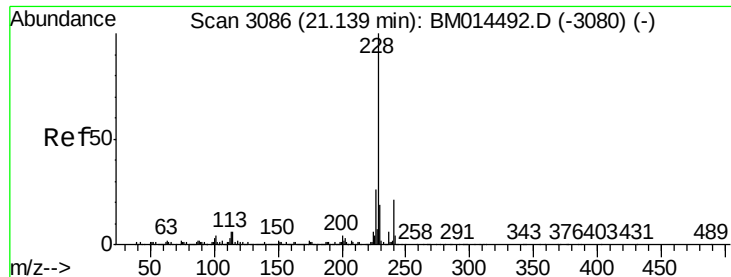
Delta R.T. -0.01 min

Lab File: BM014493.D

Acq: 06 Mar 2018 10:18

Tgt Ion:	202	Resp:	421651
Ion Ratio	Lower	Upper	
202	100		
101	7.4	5.1	7.7
100	7.6	4.9	7.3#





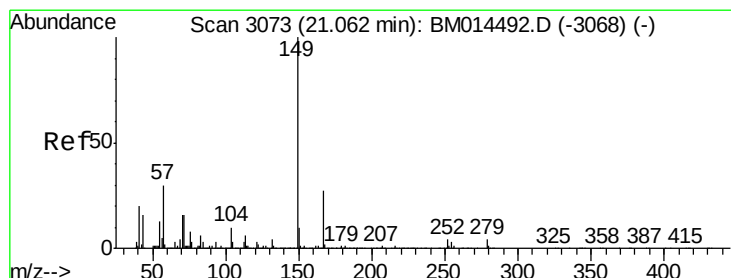
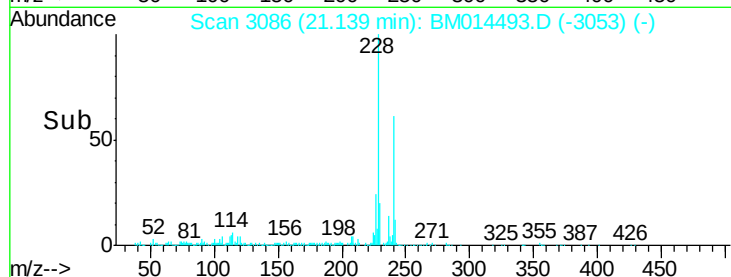
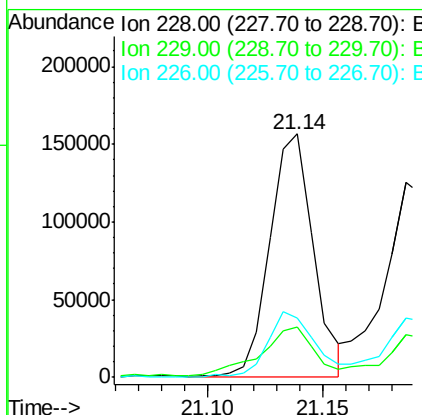
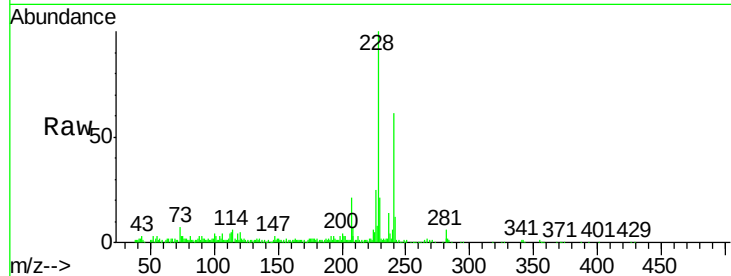
#80
Benzo(a)anthracene
Concen: 8.963 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM014493.D
Acq: 06 Mar 2018 10:18

Instrument :
BNA_M
ClientSampleId :
BE5T8DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	24.6	21.4	32.0

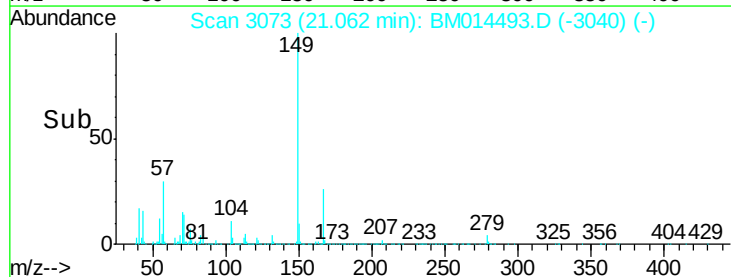
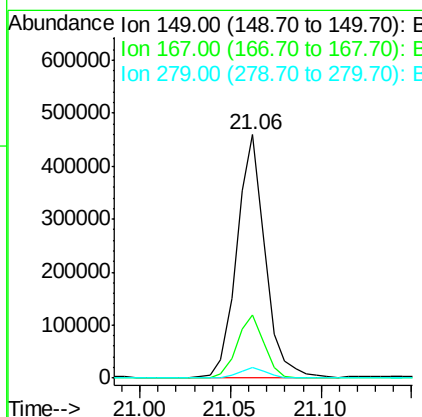
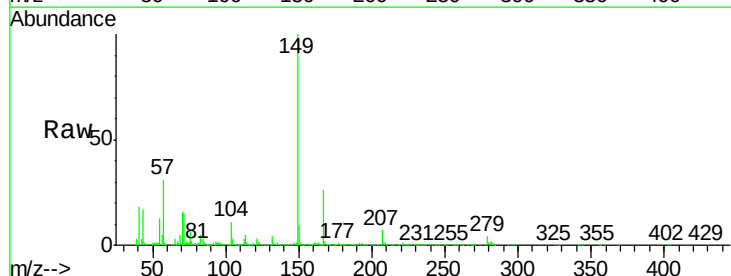
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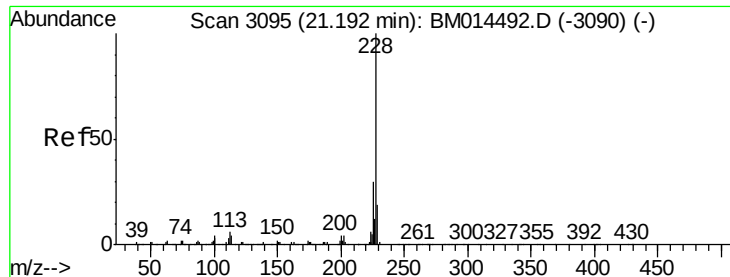
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#81
Bis(2-ethylhexyl)phthalate
Concen: 34.110 ng/ul
RT: 21.06 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BM014493.D
Acq: 06 Mar 2018 10:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	22.8	34.2
279	4.3	4.9	7.3





#82

Chrysene

Concen: 8.650 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM014493.D

Acq: 06 Mar 2018 10:18

Instrument :

BNA_M

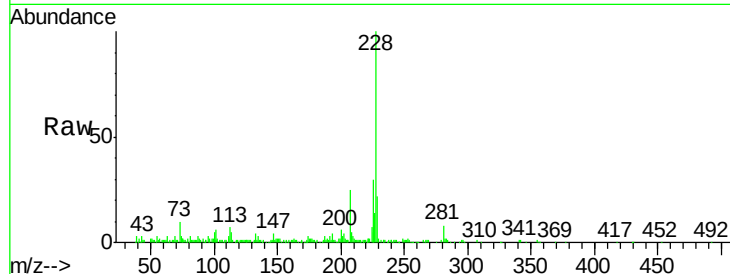
ClientSampleId :

BE5T8DL

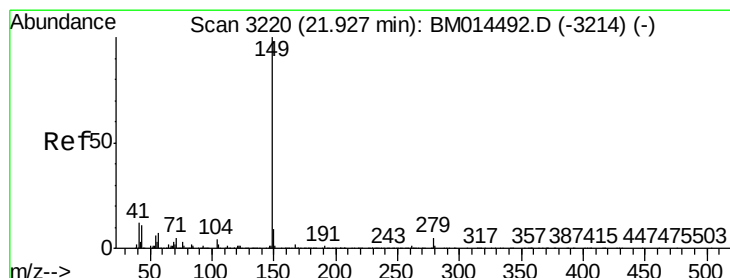
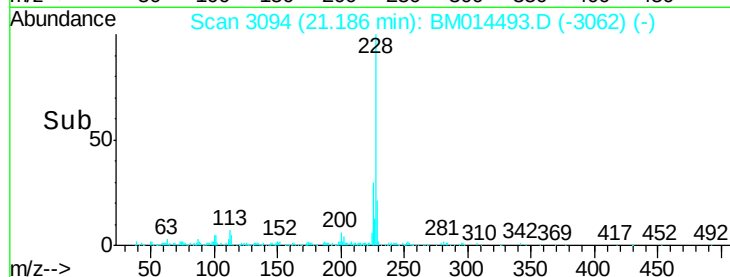
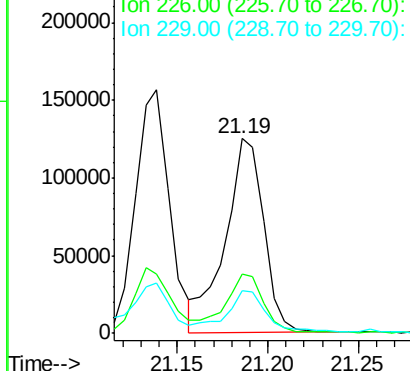
Tot Ion:	228	Resp:	184413
Ion Ratio		Lower	Upper
228	100		
226	30.2	23.4	35.2
229	21.6	15.5	23.3

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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



#84

Di-n-octyl phthalate

Concen: 1.627 ng/ul

RT: 21.93 min Scan# 3220

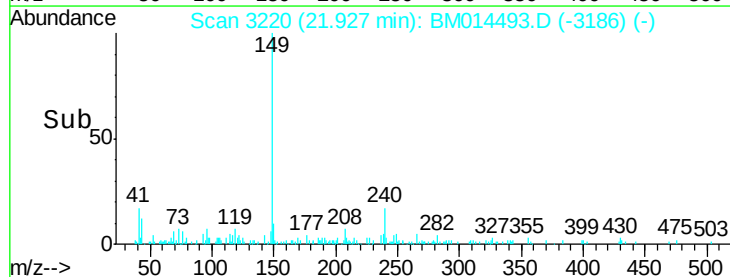
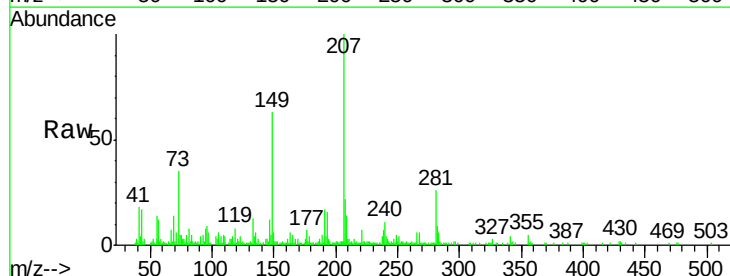
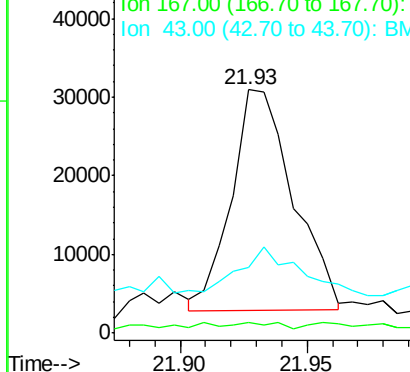
Delta R.T. -0.00 min

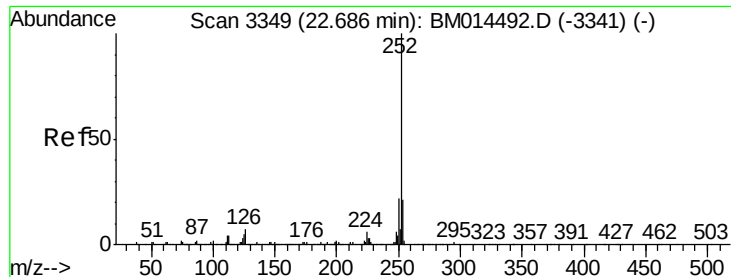
Lab File: BM014493.D

Acq: 06 Mar 2018 10:18

Tgt Ion:	149	Resp:	47652
Ion Ratio		Lower	Upper
149	100		
167	4.2	1.3	1.9#
43	26.9	7.3	10.9#

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 10.268 ng/ul

RT: 22.69 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM014493.D

Acq: 06 Mar 2018 10:18

Instrument :

BNA_M

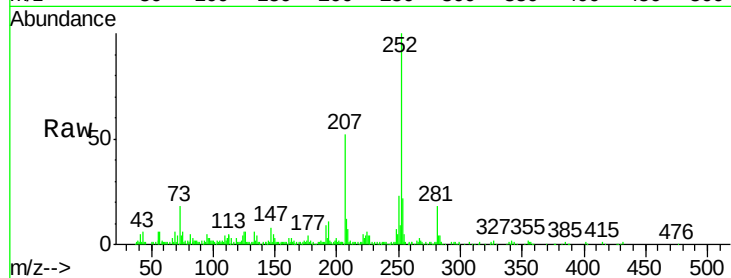
ClientSampleId :

BE5T8DL

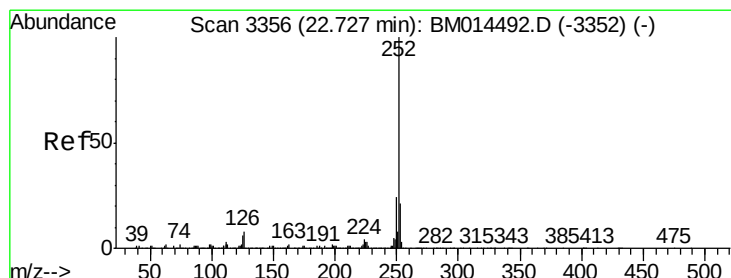
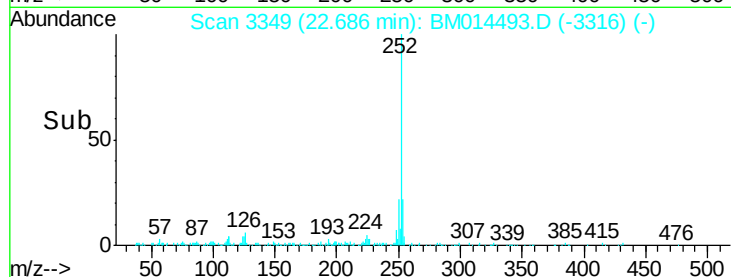
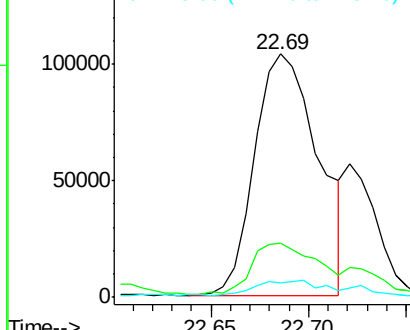
Tot Ion:	252	Resp:	234677
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.9	26.9
125	5.7	3.6	5.4#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 3.028 ng/ul m

RT: 22.72 min Scan# 3355

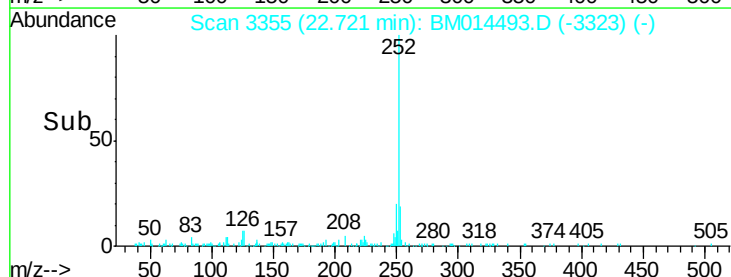
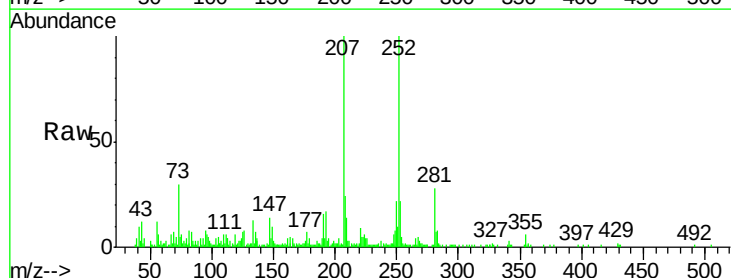
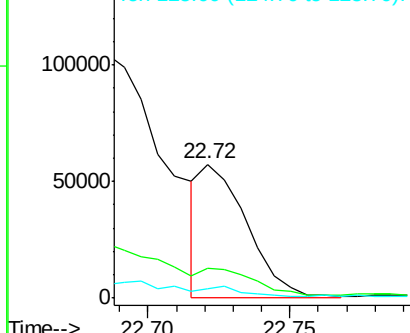
Delta R.T. -0.01 min

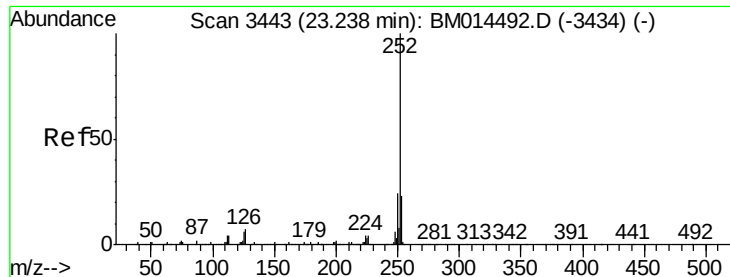
Lab File: BM014493.D

Acq: 06 Mar 2018 10:18

Tgt Ion:	252	Resp:	65790
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	6.8	3.4	5.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 7.869 ng/ul

RT: 23.23 min Scan# 3442

Delta R.T. -0.02 min

Lab File: BM014493.D

Acq: 06 Mar 2018 10:18

Instrument :

BNA_M

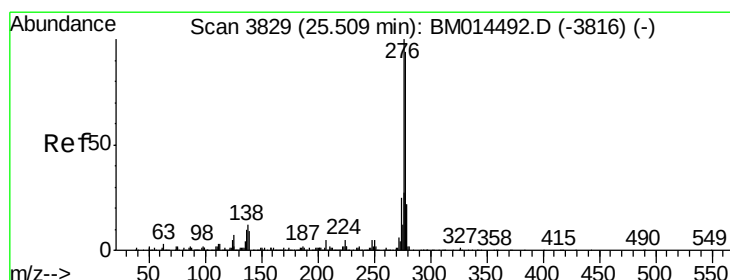
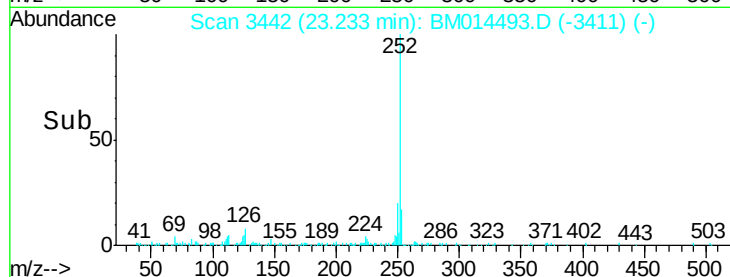
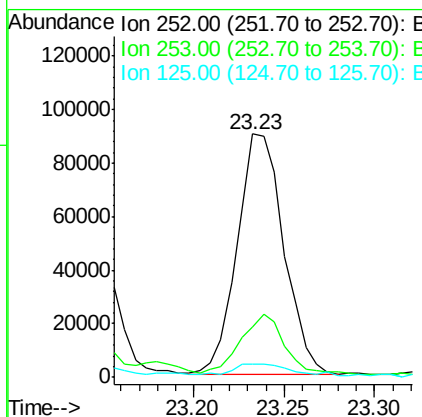
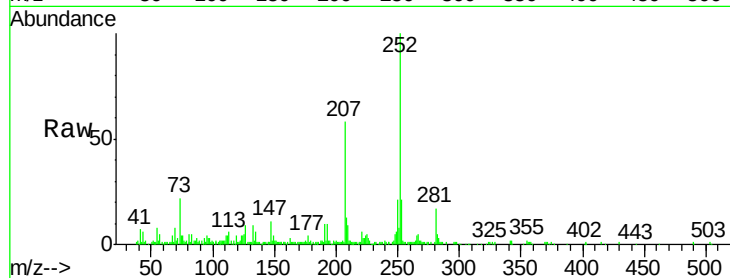
ClientSampleId :

BE5T8DL

Tot Ion:	252	Resp:	160719
Ion Ratio	Lower	Upper	
252	100		
253	20.8	18.2	27.2
125	5.5	4.0	6.0

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#89

Indeno(1,2,3-cd)pyrene

Concen: 5.211 ng/ul

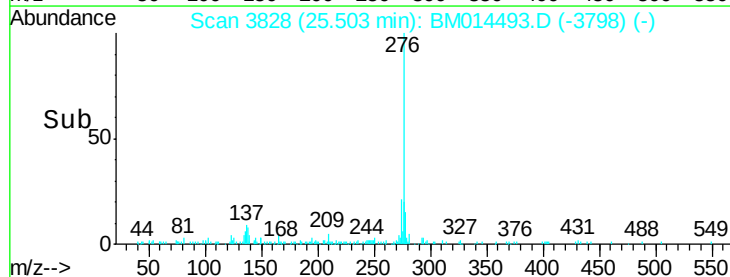
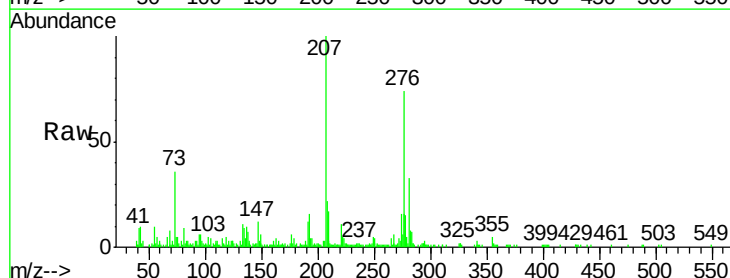
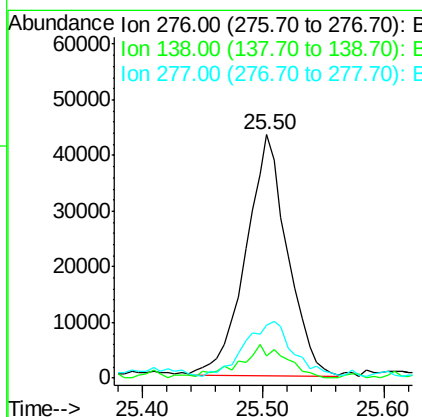
RT: 25.50 min Scan# 3828

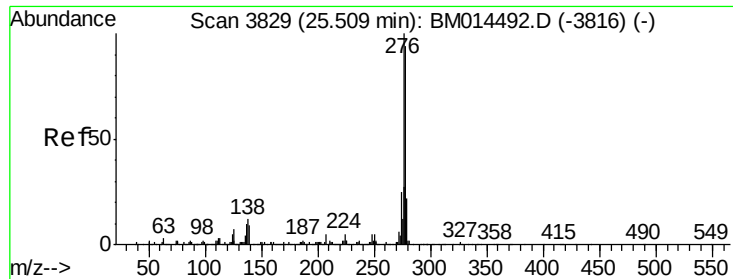
Delta R.T. -0.02 min

Lab File: BM014493.D

Acq: 06 Mar 2018 10:18

Tgt Ion:	276	Resp:	103280
Ion Ratio	Lower	Upper	
276	100		
138	9.0	9.3	13.9#
277	21.8	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 1.854 ng/ul m

RT: 25.49 min Scan# 3826

Delta R.T. -0.03 min

Lab File: BM014493.D

Acq: 06 Mar 2018 10:18

Instrument :

BNA_M

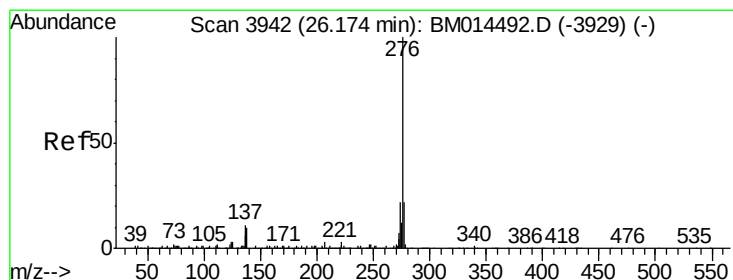
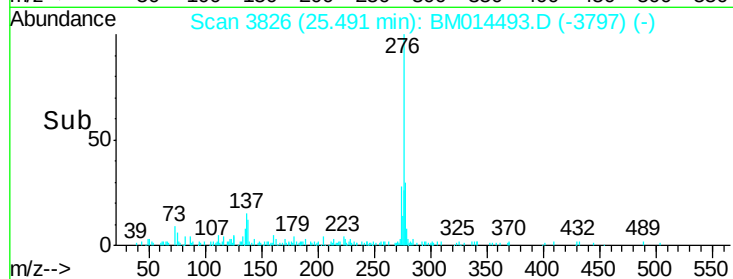
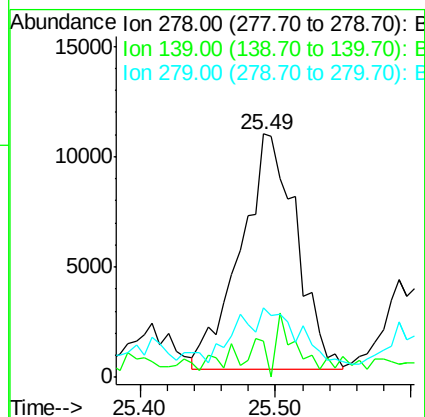
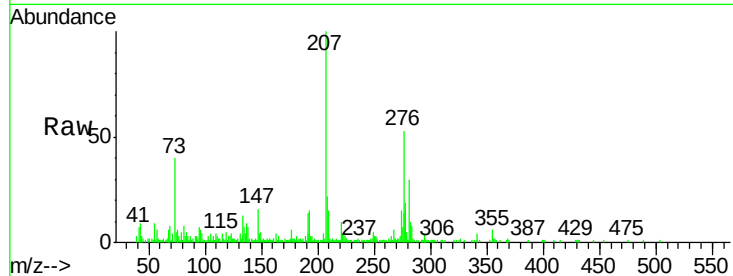
ClientSampled :

BE5T8DL

Tot Ion:	278	Resp:	30525
Ion Ratio	Lower	Upper	
278	100		
139	9.2	5.8	8.8#
279	28.4	18.6	27.8#

Manual Integrations
APPROVED

Sohil
3/6/2018 5:49:16 PM



#91

Benzo(g,h,i)perylene

Concen: 4.905 ng/ul

RT: 26.17 min Scan# 3942

Delta R.T. -0.02 min

Lab File: BM014493.D

Acq: 06 Mar 2018 10:18

Tgt Ion:	276	Resp:	78746
Ion Ratio	Lower	Upper	
276	100		
138	12.8	8.5	12.7#
277	22.5	18.6	28.0

