

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
 Data File : BM014496.D
 Acq On : 06 Mar 2018 12:06
 Operator : SJ/JU
 Sample : J1631-10DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BE5Z1DL

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:49:21 PM

Quant Time: Mar 06 16:43:46 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	7.50	152	109222	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	404502	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	212829	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	444630	20.00	ng/ul	-0.01
75) Chrysene-d12	21.15	240	402763	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	393284	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	3092	1.21	ng/uL	0.00
5) Phenol-d5	6.74	99	42760	4.63	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	33558m	6.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	39364	5.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	30408m	3.76	ng/ul	0.01
19) Nitrobenzene-d5	8.69	128	17713	5.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	21365m	6.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	35138m	5.48	ng/ul	0.04
29) 4-Chloroaniline-d4	10.49	131	18126m	2.87	ng/ul	0.03
43) Dimethylphthalate-d6	13.60	166	112622	6.41	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	128302	5.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	6288m	2.59	ng/ul	0.06
57) Fluorene-d10	15.17	176	92617	5.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	2349	0.88	ng/ul	0.01
70) Anthracene-d10	17.04	188	134415	6.27	ng/ul	0.00
76) Pyrene-d10	19.34	212	144410	6.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	120784	6.31	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.33	128	25957	1.249	ng/ul#	95
44) Dimethylphthalate	13.64	163	64354	3.713	ng/ul	96
69) Phenanthrene	16.97	178	358797	14.006	ng/ul	99
71) Anthracene	17.07	178	73599	2.857	ng/ul	96
72) Carbazole	17.36	167	30130	1.391	ng/ul	97
74) Fluoranthene	19.01	202	587793	19.205	ng/ul#	96
77) Pyrene	19.37	202	514863	19.235	ng/ul#	96
80) Benzo(a)anthracene	21.14	228	271417	10.798	ng/ul	98
82) Chrysene	21.19	228	266833	11.379	ng/ul	96
85) Benzo(b)fluoranthene	22.69	252	333869	12.678	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	102373m	4.089	ng/ul	
88) Benzo(a)pyrene	23.24	252	231177	9.824	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.51	276	167810	7.349	ng/ul	97
90) Dibenzo(a,h)anthracene	25.50	278	52451m	2.764	ng/ul	
91) Benzo(g,h,i)perylene	26.17	276	126986	6.865	ng/ul	95

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

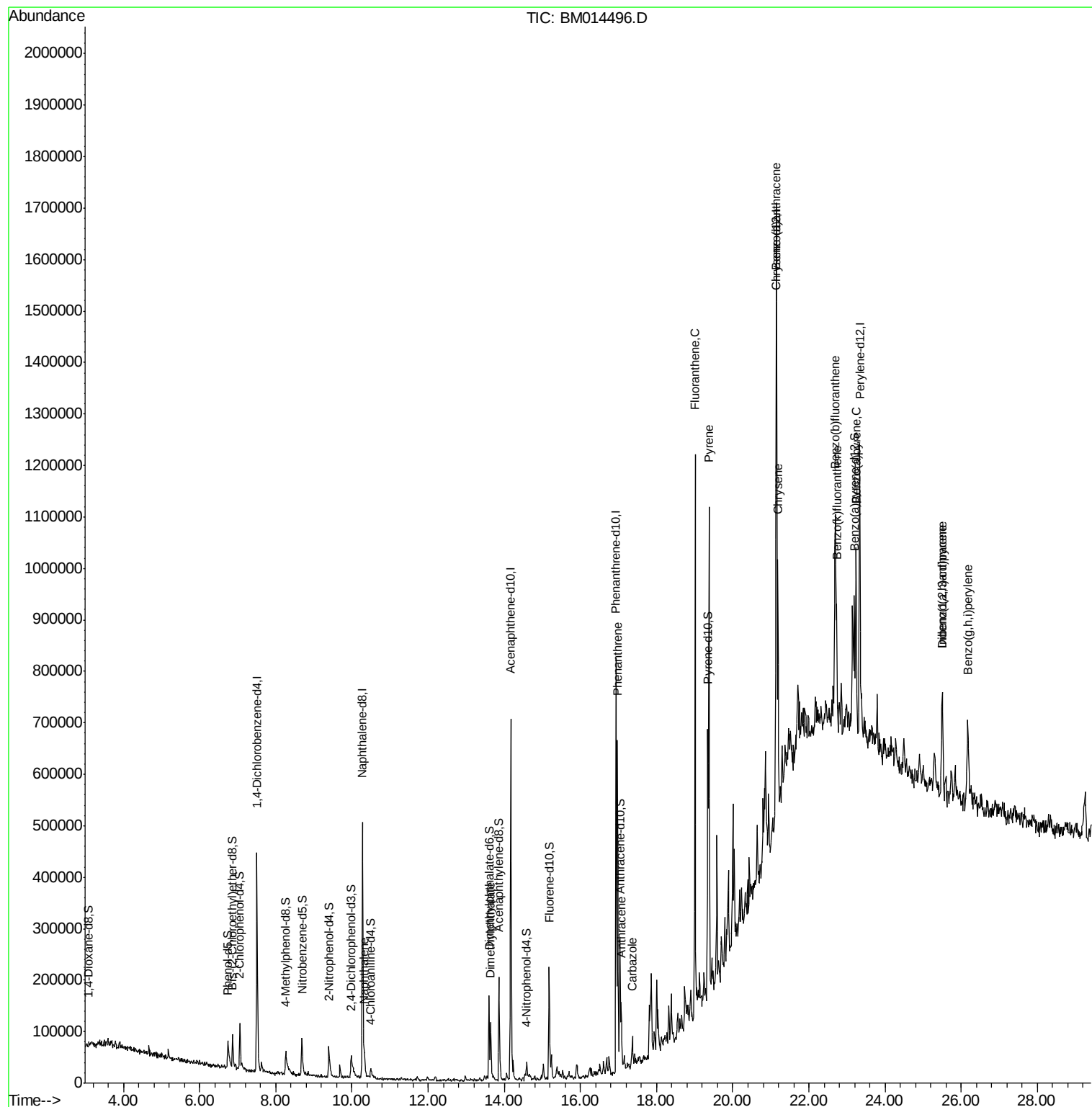
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
Data File : BM014496.D
Acq On : 06 Mar 2018 12:06
Operator : SJ/JU
Sample : J1631-10DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

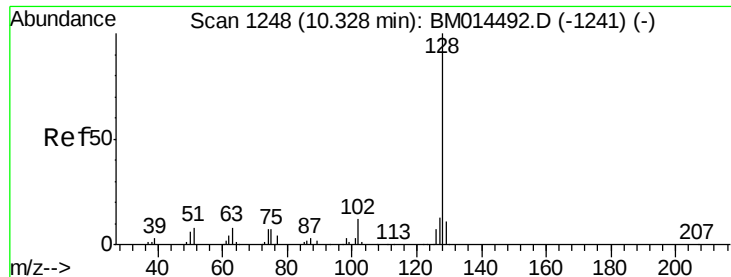
Instrument :
BNA_M
ClientSampleId :
BE5Z1DL

Manual Integrations
APPROVED

Sohil
3/6/2018 5:49:21 PM

Quant Time: Mar 06 16:43:46 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





#28

Naphthalene

Concen: 1.249 ng/ul

RT: 10.33 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

Instrument :

BNA_M

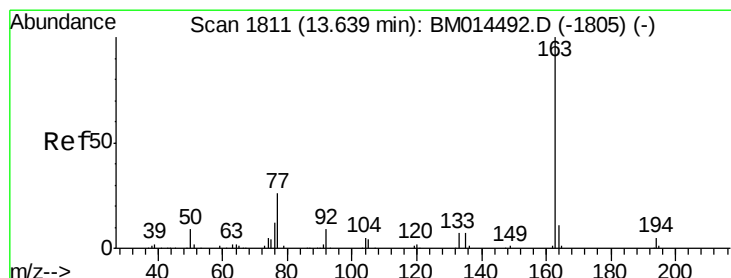
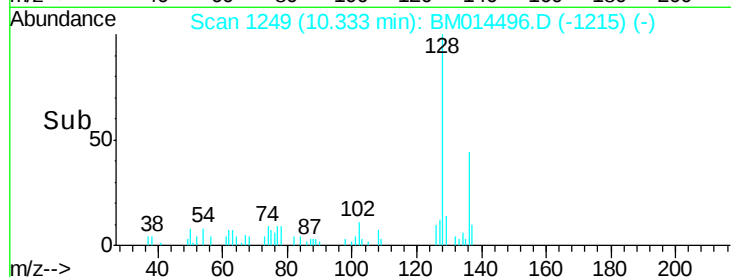
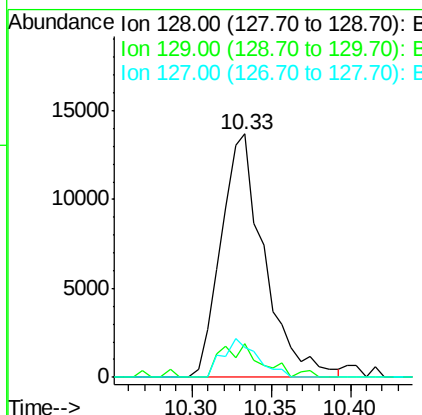
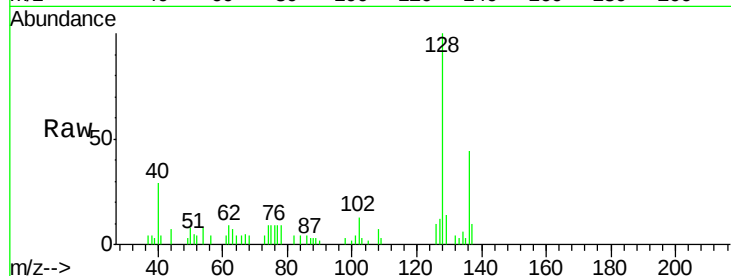
ClientSampleId :

BE5Z1DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.7	8.8	13.2#
127	12.0	10.6	16.0

Manual Integrations
APPROVED

Sohil
3/6/2018 5:49:21 PM



#44

Dimethylphthalate

Concen: 3.713 ng/ul

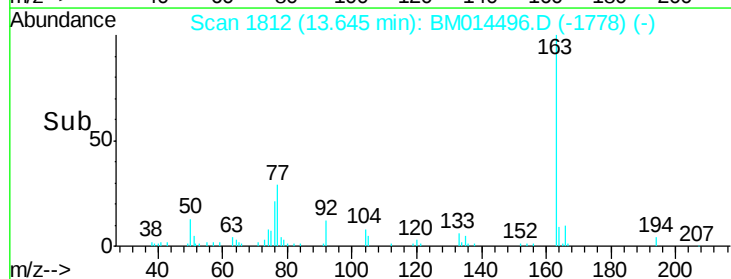
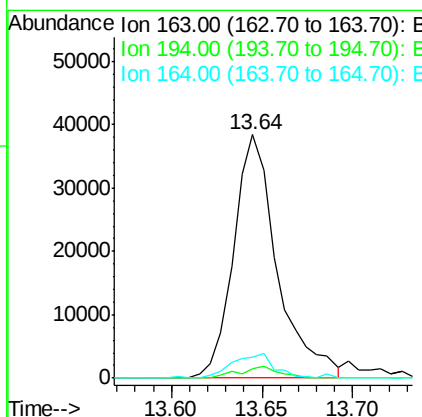
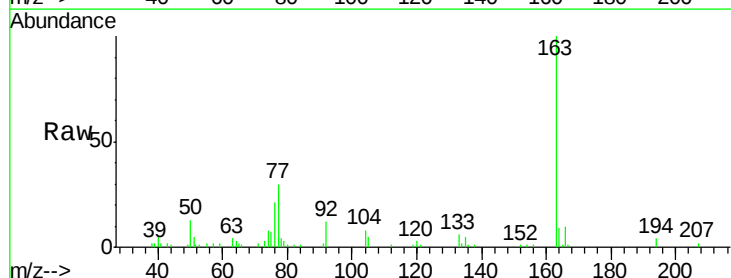
RT: 13.64 min Scan# 1812

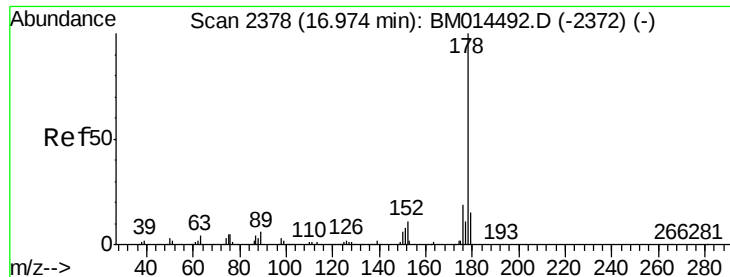
Delta R.T. -0.00 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	8.7	8.2	12.4





#69

Phenanthrene

Concen: 14.006 ng/ul

RT: 16.97 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

Instrument :

BNA_M

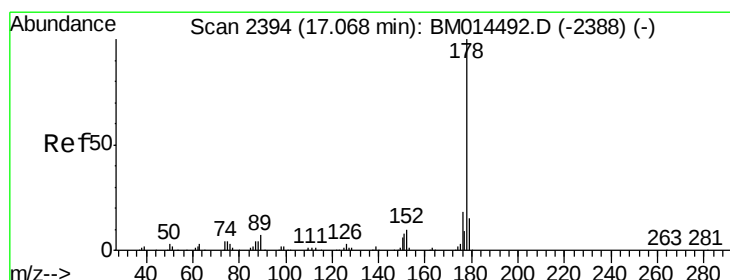
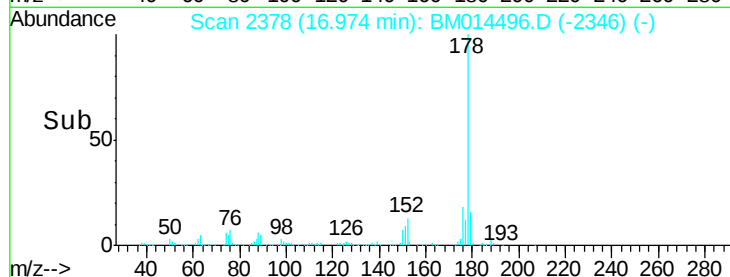
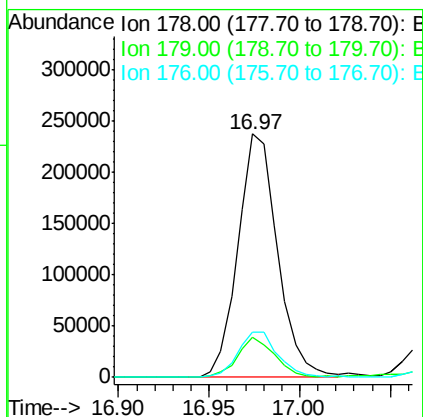
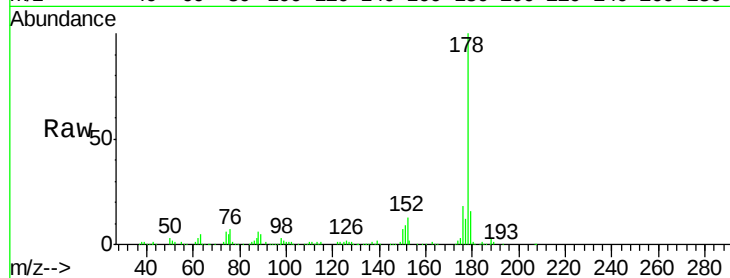
ClientSampleId :

BE5Z1DL

Tot Ion:178	Resp:	358797
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.6 19.0
176	18.4	14.9 22.3

Manual Integrations
APPROVED

Sohil
3/6/2018 5:49:21 PM



#71

Anthracene

Concen: 2.857 ng/ul

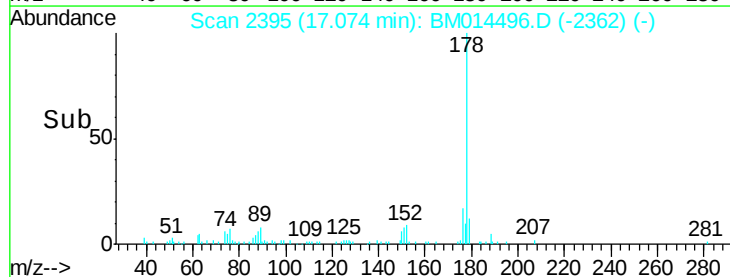
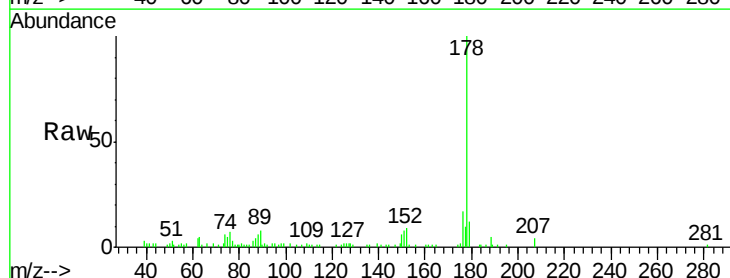
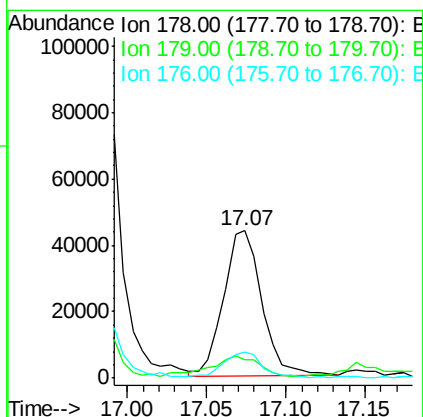
RT: 17.07 min Scan# 2395

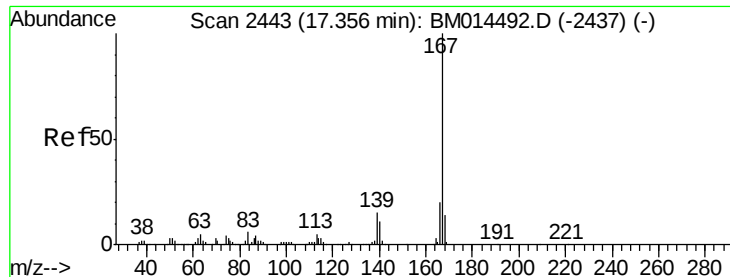
Delta R.T. -0.01 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

Tgt Ion:178	Resp:	73599
Ion Ratio	Lower	Upper
178	100	
179	12.1	11.7 17.5
176	17.3	14.6 21.8





#72

Carbazole

Concen: 1.391 ng/ul

RT: 17.36 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

Instrument :

BNA_M

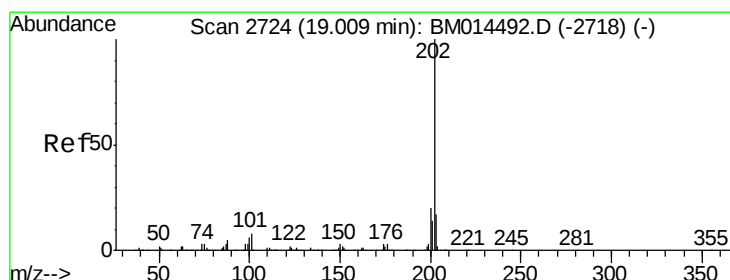
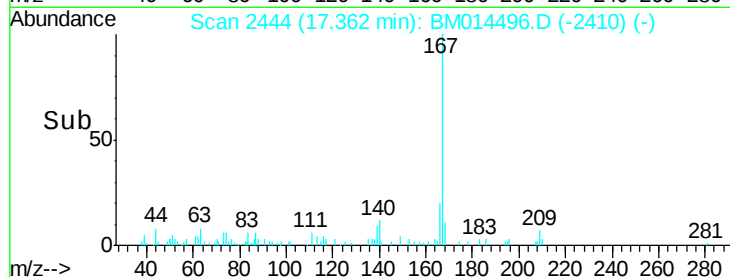
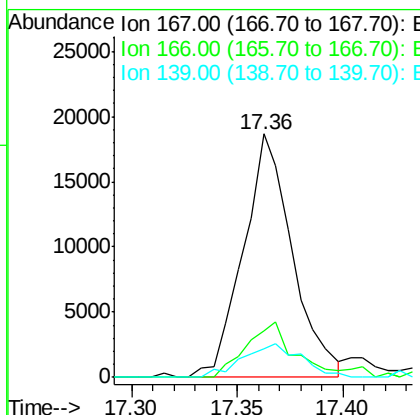
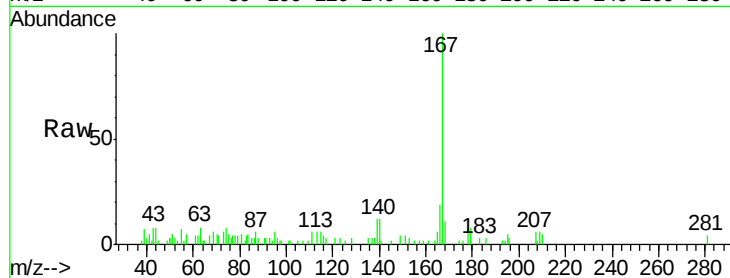
ClientSampleId :

BE5Z1DL

Tot Ion:	167	Resp:	30130
Ion Ratio	Lower	Upper	
167	100		
166	19.2	17.1	25.7
139	12.0	10.0	15.0

Manual Integrations
APPROVED

Sohil
3/6/2018 5:49:21 PM



#74

Fluoranthene

Concen: 19.205 ng/ul

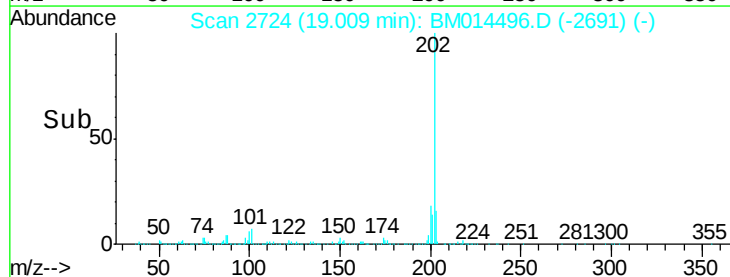
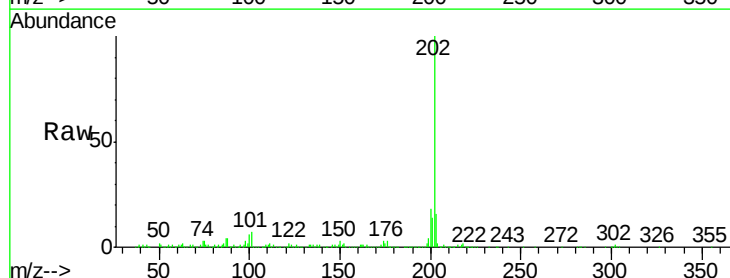
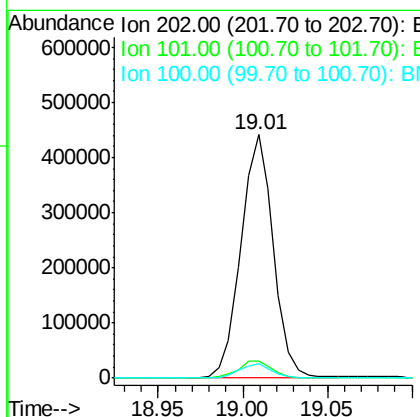
RT: 19.01 min Scan# 2724

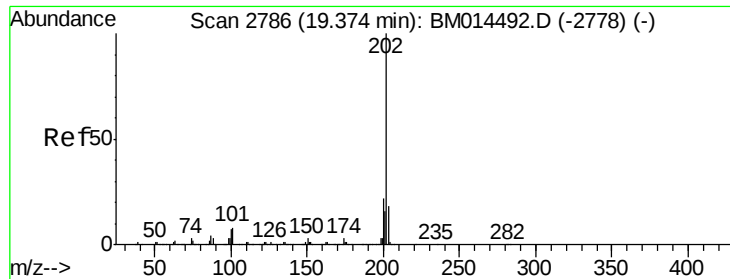
Delta R.T. -0.01 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

Tgt Ion:	202	Resp:	587793
Ion Ratio	Lower	Upper	
202	100		
101	7.2	4.6	7.0#
100	5.9	3.4	5.2#





#77

Pvrene

Concen: 19.235 ng/ul

RT: 19.37 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

Instrument :

BNA_M

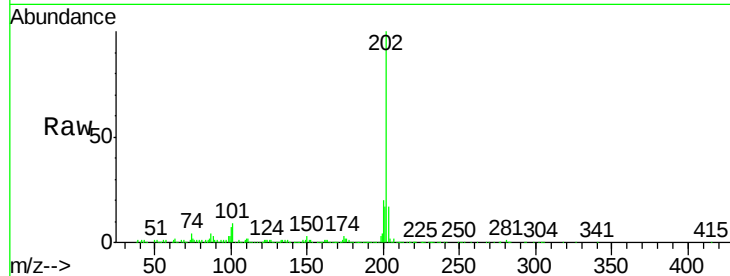
ClientSampled :

BE5Z1DL

Tot Ion:	202	Resp:	514863
Ion Ratio	Lower	Upper	
202	100		
101	8.5	5.1	7.7#
100	6.9	4.9	7.3

Manual Integrations
APPROVED

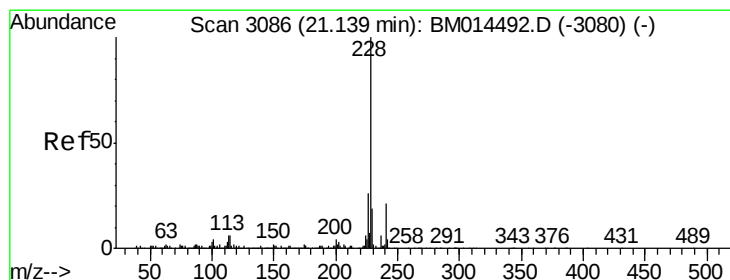
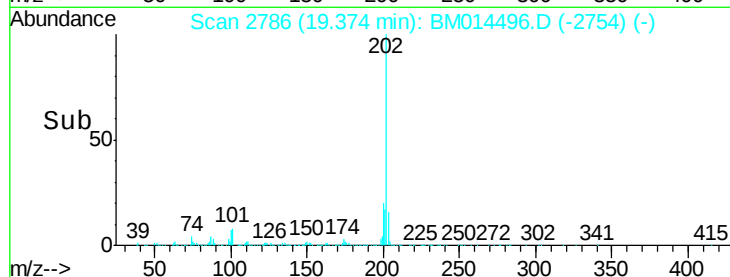
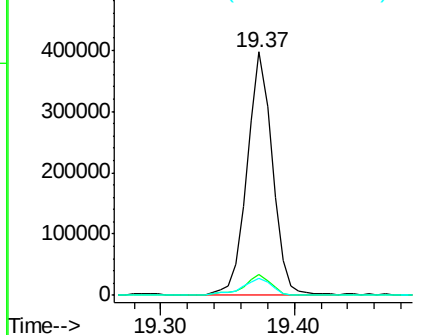
Sohil
3/6/2018 5:49:21 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 10.798 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM014496.D

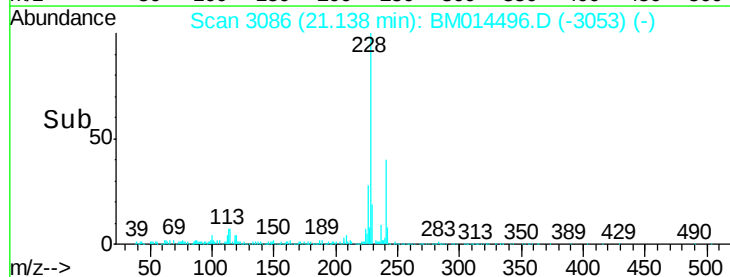
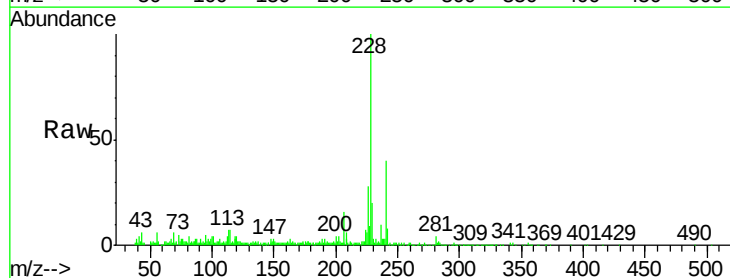
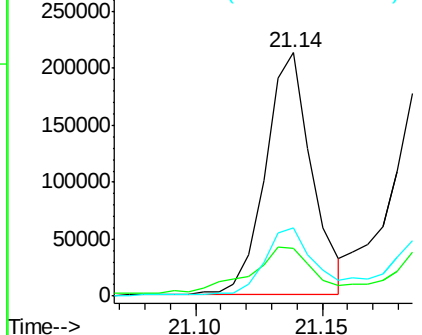
Acq: 06 Mar 2018 12:06

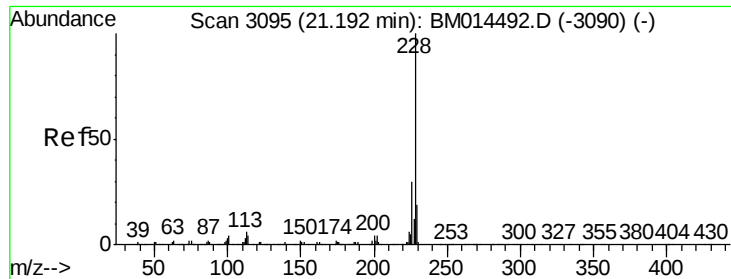
Tgt Ion:	228	Resp:	271417
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.4	23.0
226	28.1	21.4	32.0

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





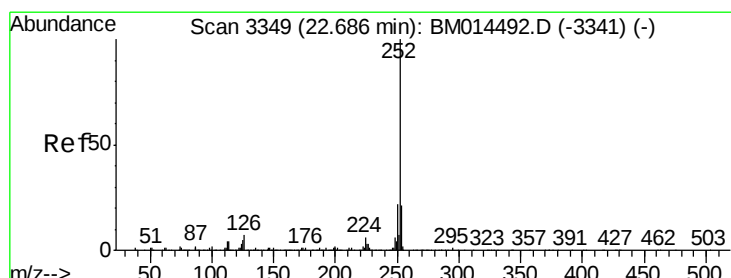
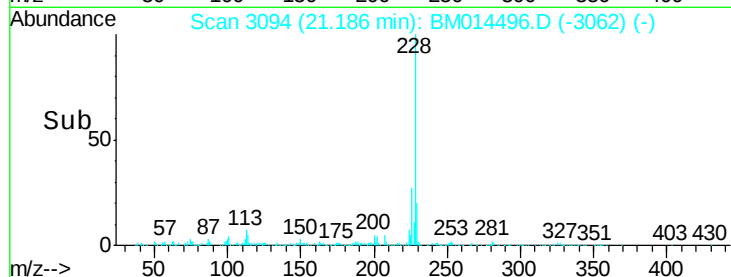
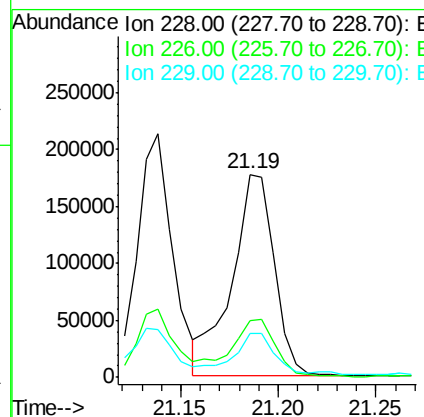
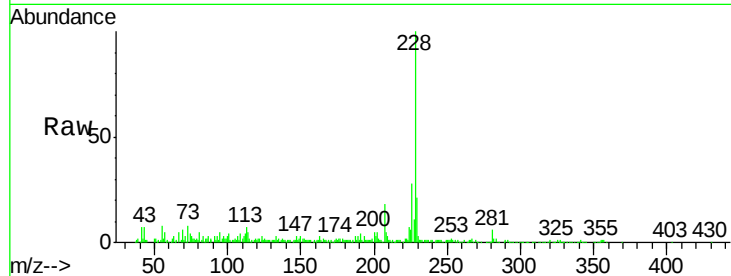
#82
Chrysene
Concen: 11.379 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM014496.D
Acq: 06 Mar 2018 12:06

Instrument :
BNA_M
ClientSampleId :
BE5Z1DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.4	35.2
229	21.4	15.5	23.3

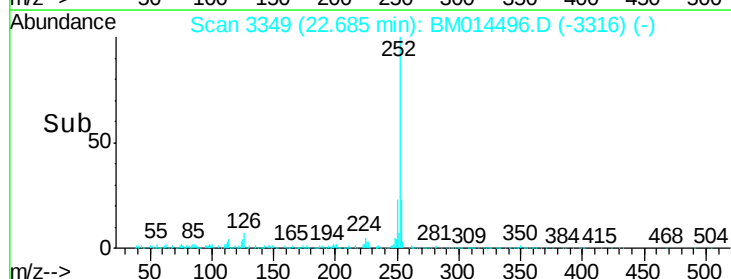
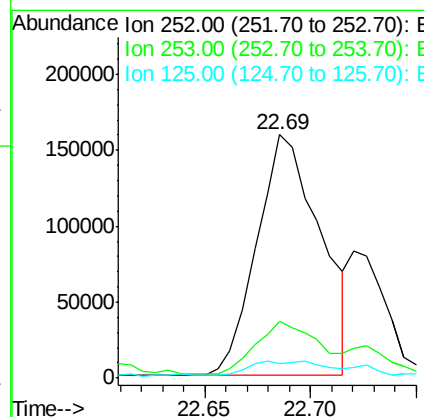
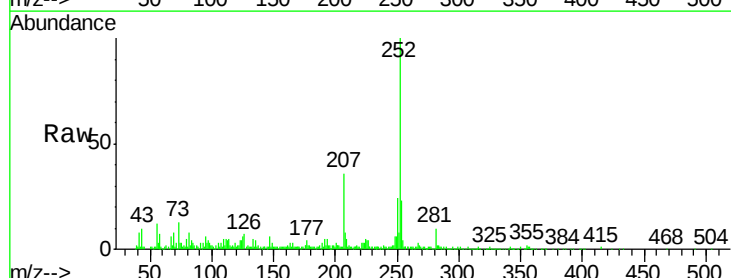
Manual Integrations
APPROVED

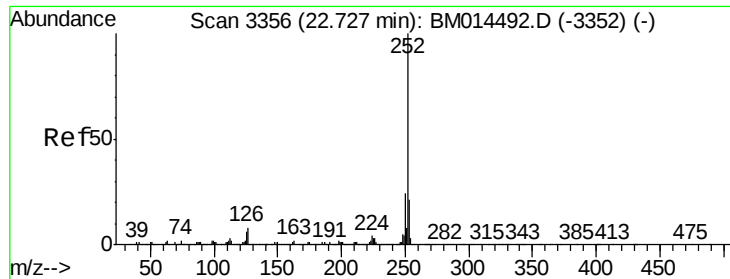
Sohil
3/6/2018 5:49:21 PM



#85
Benzo(b)fluoranthene
Concen: 12.678 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM014496.D
Acq: 06 Mar 2018 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	5.8	3.6	5.4





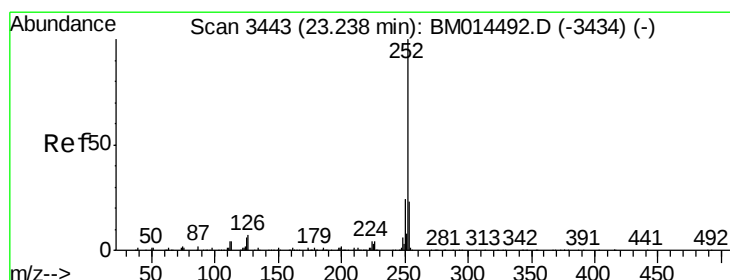
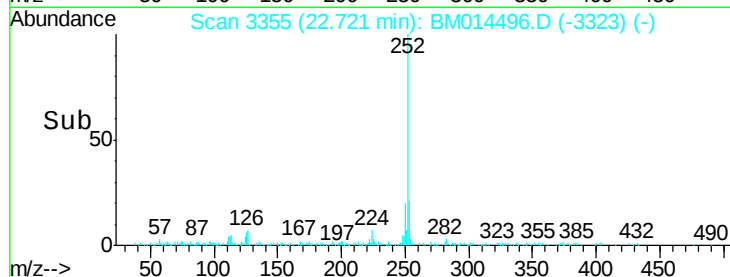
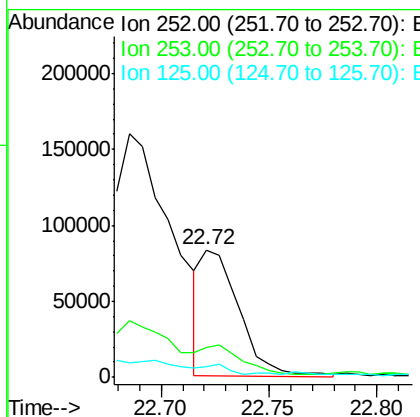
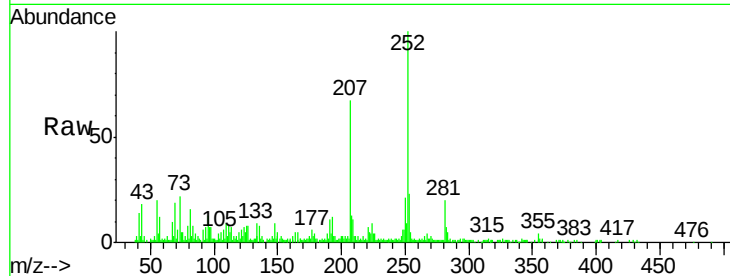
#86
Benzo(k)fluoranthene
Concen: 4.089 ng/ul m
RT: 22.72 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BM014496.D
Acq: 06 Mar 2018 12:06

Instrument :
BNA_M
ClientSampleId :
BE5Z1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	8.2	3.4	5.2#

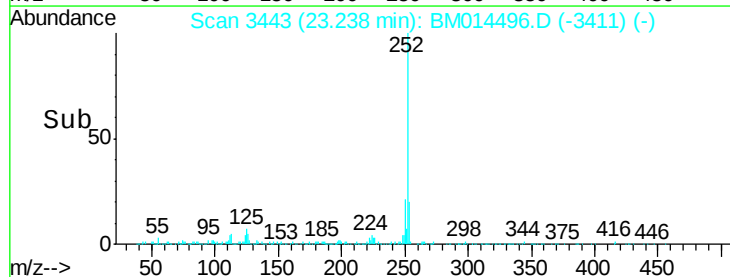
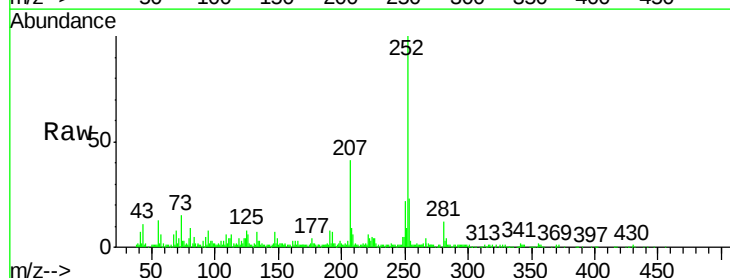
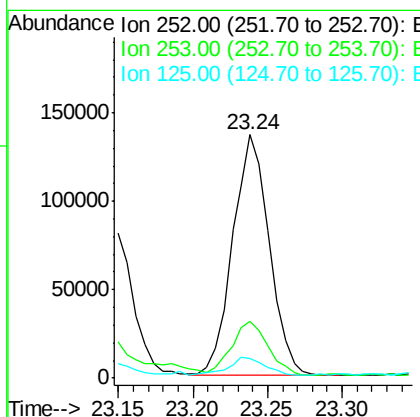
Manual Integrations
APPROVED

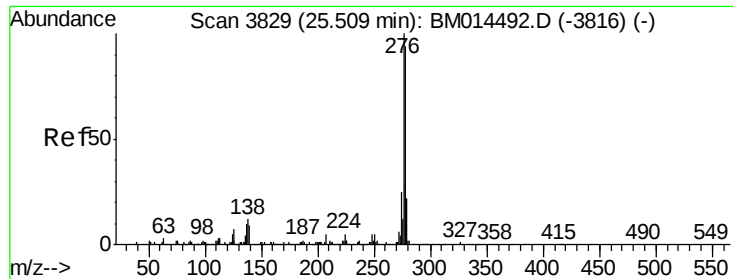
Sohil
3/6/2018 5:49:21 PM



#88
Benzo(a)pyrene
Concen: 9.824 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BM014496.D
Acq: 06 Mar 2018 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	8.1	4.0	6.0#





#89

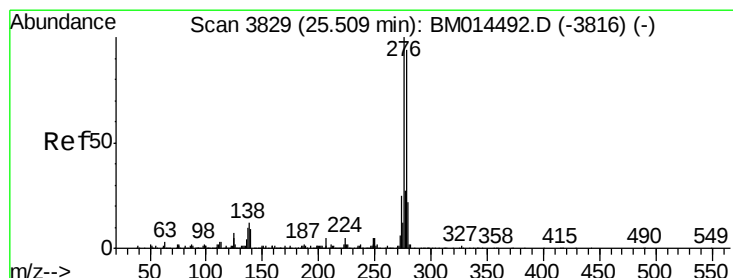
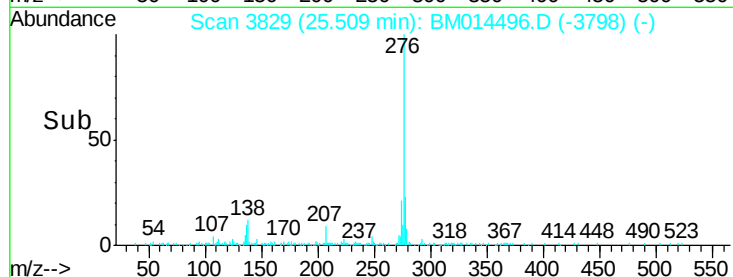
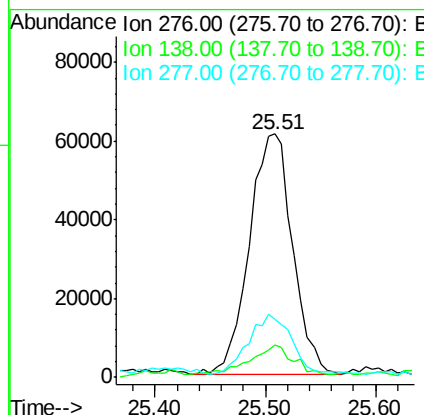
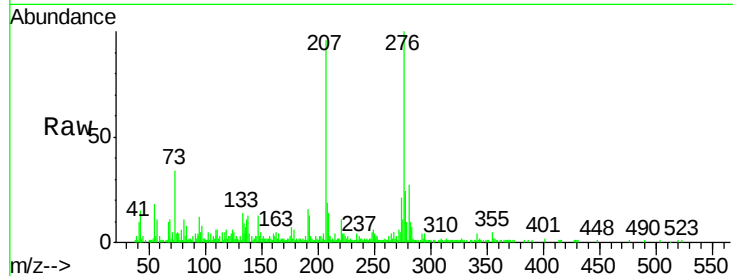
Indeno(1,2,3-cd)pyrene
Concen: 7.349 ng/ul
RT: 25.51 min Scan# 3829
Delta R.T. -0.02 min
Lab File: BM014496.D
Acq: 06 Mar 2018 12:06

Instrument :
BNA_M
ClientSampleId :
BE5Z1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.3	9.3	13.9
277	24.0	19.9	29.9

Manual Integrations
APPROVED

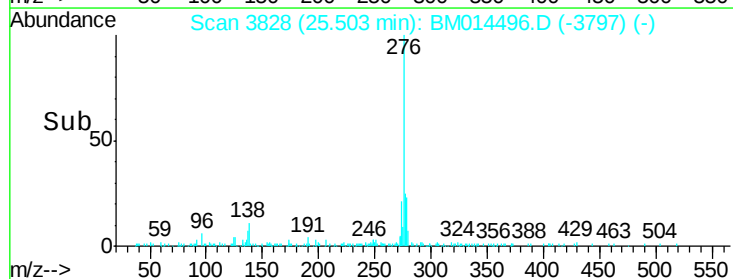
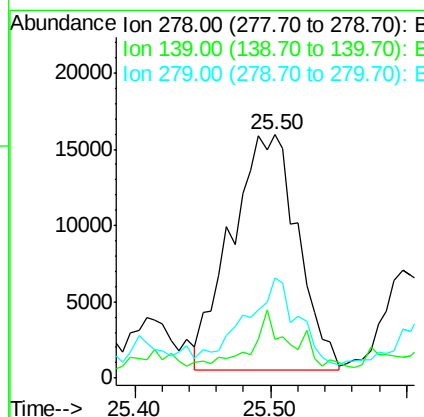
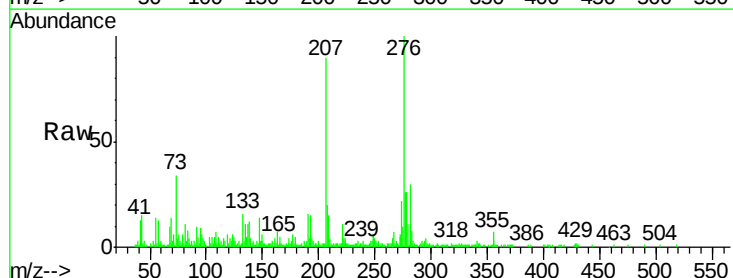
Sohil
3/6/2018 5:49:21 PM

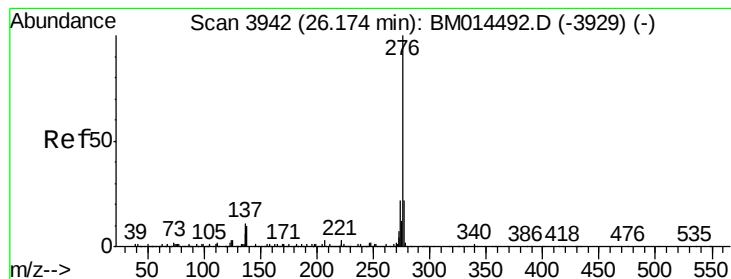


#90

Dibenzo(a,h)anthracene
Concen: 2.764 ng/ul m
RT: 25.50 min Scan# 3828
Delta R.T. -0.02 min
Lab File: BM014496.D
Acq: 06 Mar 2018 12:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	5.8	8.8#
279	41.0	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 6.865 ng/ul

RT: 26.17 min Scan# 3942

Delta R.T. -0.02 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

Instrument :

BNA_M

ClientSampleId :

BE5Z1DL

Tot Ion:	276	Resp:	126986
Ion Ratio	Lower	Upper	
276	100		
138	10.6	8.5	12.7
277	26.8	18.6	28.0

Manual Integrations
APPROVED

Sohil
3/6/2018 5:49:21 PM

