

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021294.D
 Acq On : 30 Jun 2019 12:20
 Operator : HP/JU
 Sample : K3590-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BB4

Manual Integrations
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mohammad
 7/1/2019 2:44:21 PM

Quant Time: Jul 01 01:42:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 30 03:35:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	327558	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1387959	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	812181	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1553669	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1247647	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	1526158	20.00	ng/ul	0.01

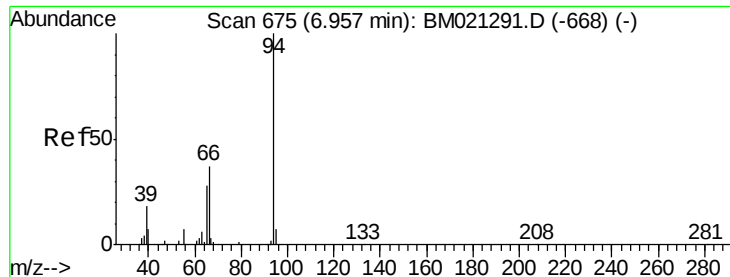
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	17554	2.54	ng/uL	0.00
5) Phenol-d5	6.93	99	462332	16.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	266701	15.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	390745	16.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	333504	14.01	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	204429	18.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	244793	19.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	458046	18.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	158268	5.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1385910	18.89	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1641707	18.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	161219	13.51	ng/ul	0.00
57) Fluorene-d10	15.39	176	1149816	18.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	89924	9.42	ng/ul	0.00
70) Anthracene-d10	17.25	188	1550279	19.20	ng/ul	0.00
78) Pyrene-d10	19.54	212	1443894	19.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1711632	19.01	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.96	94	32566	1.208	ng/ul	94
44) Dimethylphthalate	13.86	163	387382	5.799	ng/ul	98
69) Phenanthrene	17.19	178	1714830	19.957	ng/ul	100
71) Anthracene	17.28	178	273458	3.123	ng/ul	99
74) Carbazole	17.56	167	172110	2.385	ng/ul	99
76) Fluoranthene	19.21	202	5266051	56.719	ng/ul	99
79) Pyrene	19.58	202	4303945	48.795	ng/ul	98
82) Benzo(a)anthracene	21.32	228	2409266	28.325	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	75551	1.625	ng/ul	99
84) Chrysene	21.37	228	2882674	36.186	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	4895218	50.636	ng/ul#	97
88) Benzo(k)fluoranthene	22.97	252	1560660m	16.781	ng/ul	
90) Benzo(a)pyrene	23.52	252	2921486	32.107	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	2486814	23.209	ng/ul	95
92) Dibenzo(a,h)anthracene	25.91	278	612260	6.793	ng/ul#	89
93) Benzo(g,h,i)perylene	26.63	276	2303074	26.098	ng/ul	98

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



#6

Phenol

Concen: 1.208 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

Instrument :

BNA_M

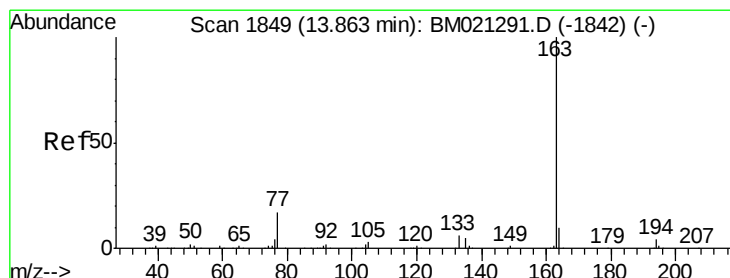
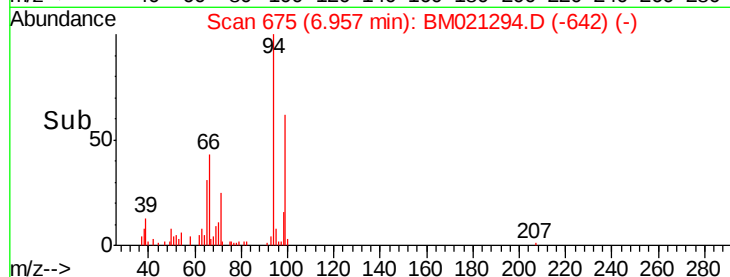
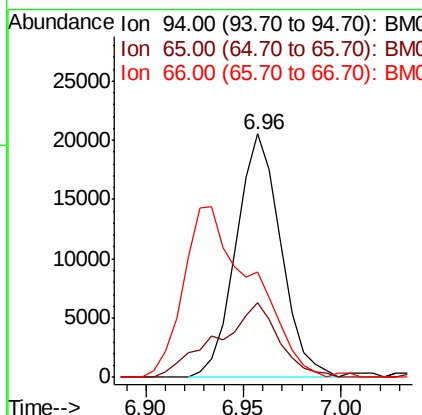
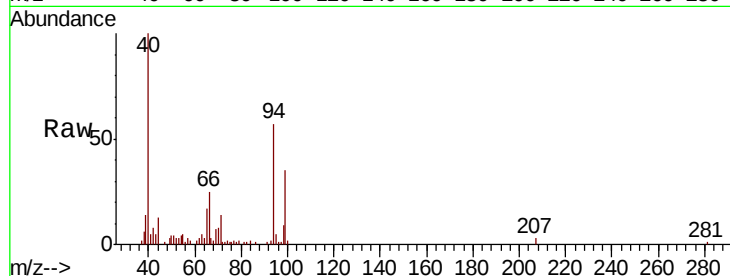
ClientSampleId :

C5BB4

Tot Ion:	94	Resp:	32566
Ion	Ratio	Lower	Upper
94	100		
65	30.7	22.6	34.0
66	43.4	31.2	46.8

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#44

Dimethylphthalate

Concen: 5.799 ng/ul

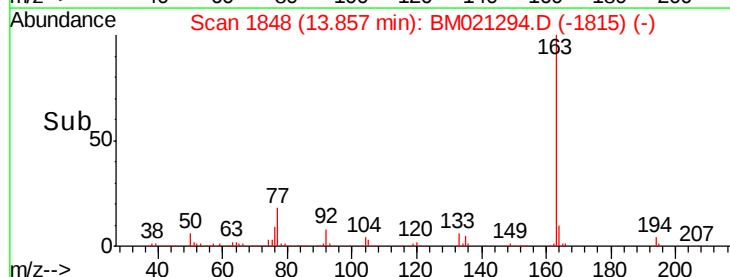
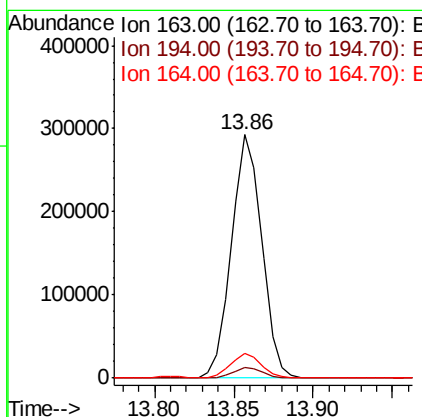
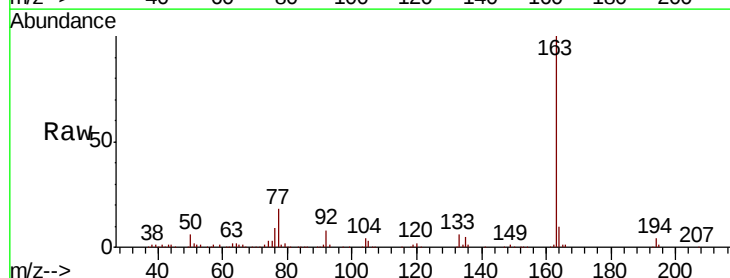
RT: 13.86 min Scan# 1848

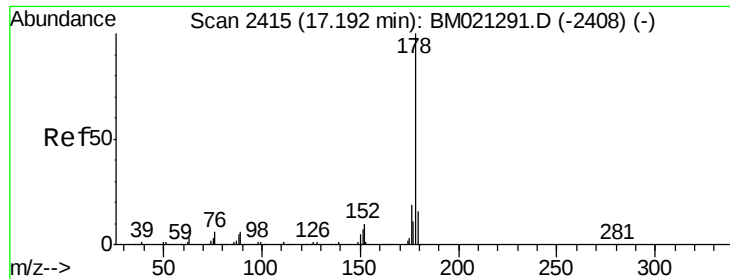
Delta R.T. -0.01 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

Tgt Ion:	163	Resp:	387382
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.4	7.7	11.5





#69

Phenanthrene

Concen: 19.957 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

Instrument :

BNA_M

ClientSampleId :

C5BB4

Tot Ion:178 Resp: 1714830

Ion Ratio Lower Upper

178 100

179 15.1 11.8 17.8

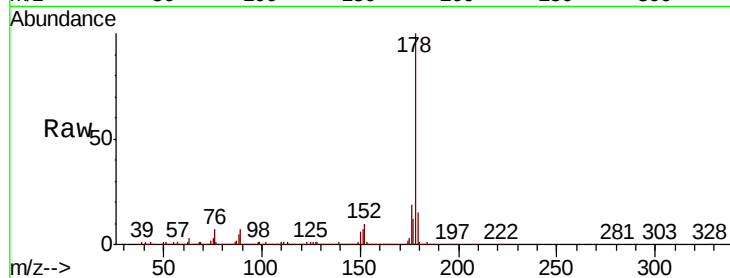
176 18.9 15.0 22.6

Manual Integrations

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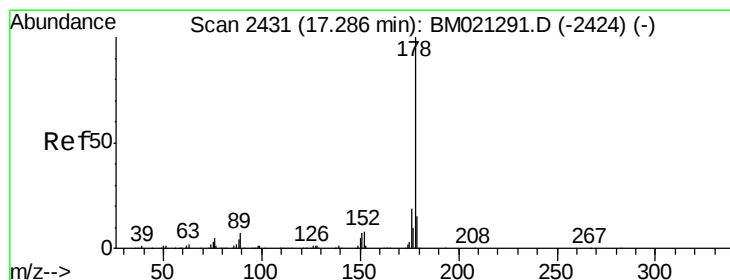
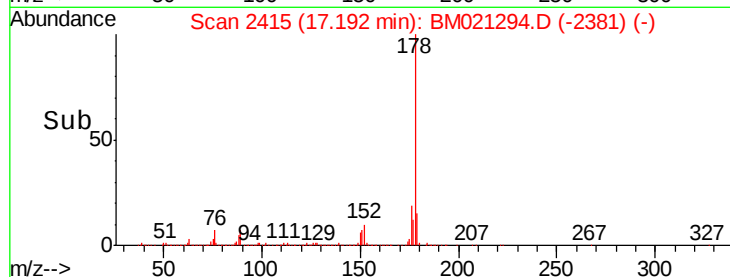
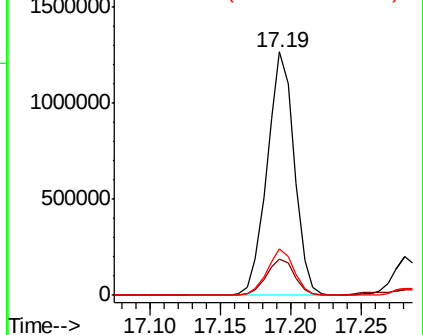
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 3.123 ng/ul

RT: 17.28 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

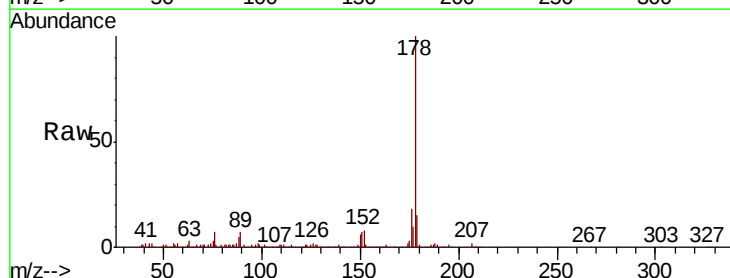
Tgt Ion:178 Resp: 273458

Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

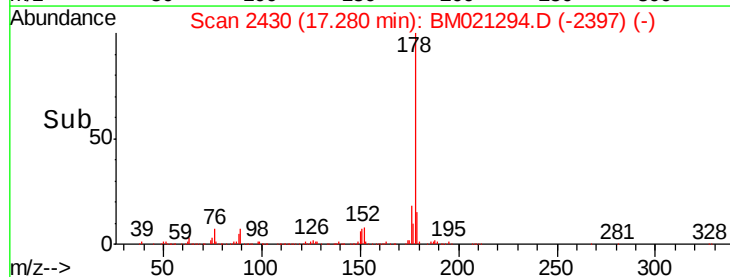
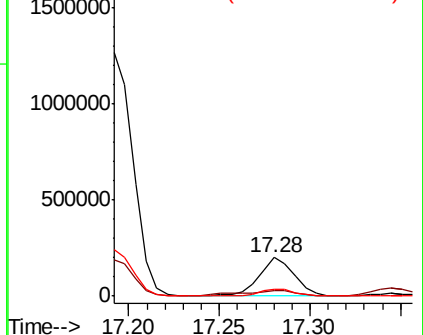
176 18.2 14.6 21.8

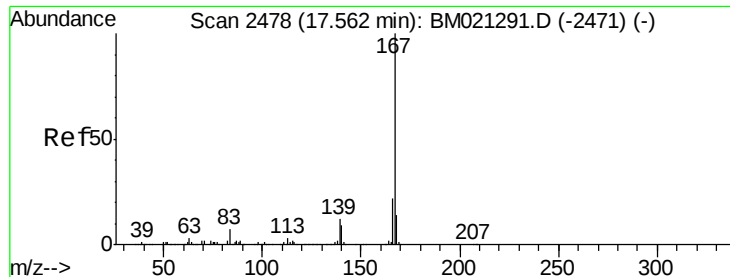


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





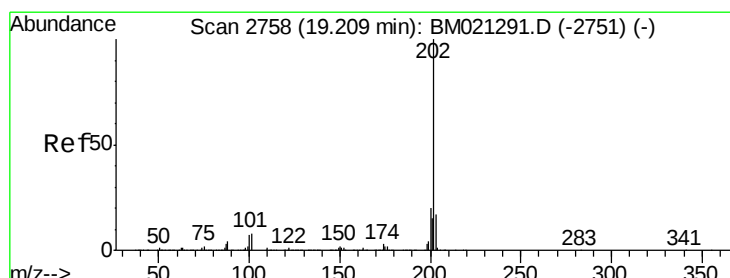
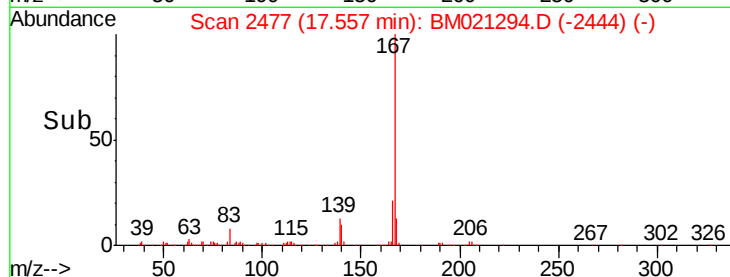
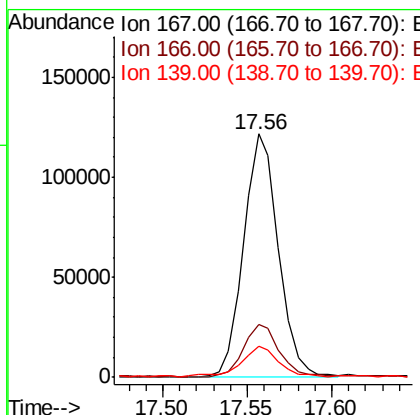
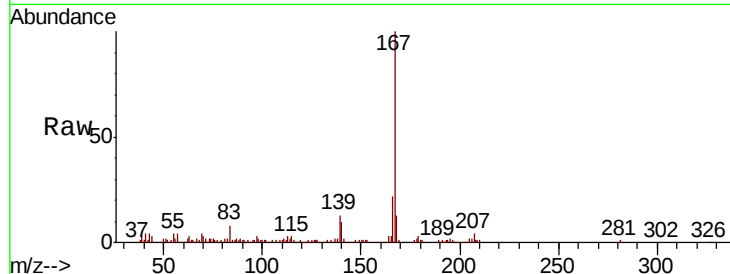
#74
 Carbazole
 Concen: 2.385 ng/ul
 RT: 17.56 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BM021294.D
 Acq: 30 Jun 2019 12:20

Instrument :
 BNA_M
 ClientSampleId :
 C5BB4

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.0	9.8	14.6

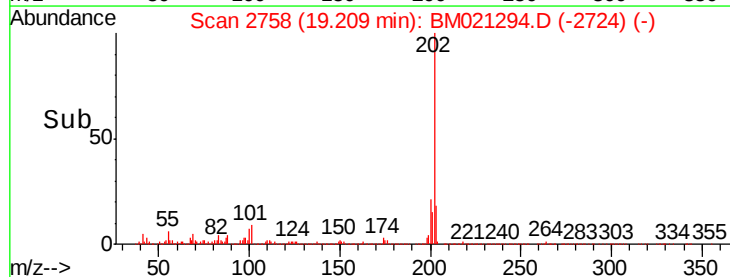
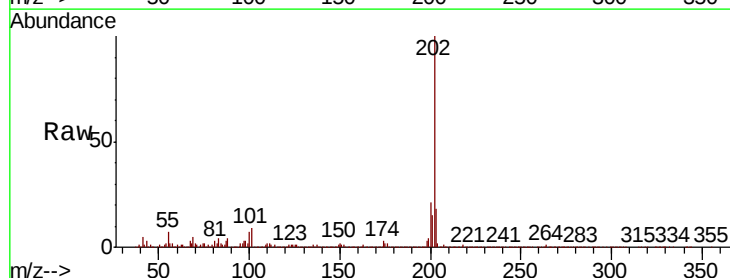
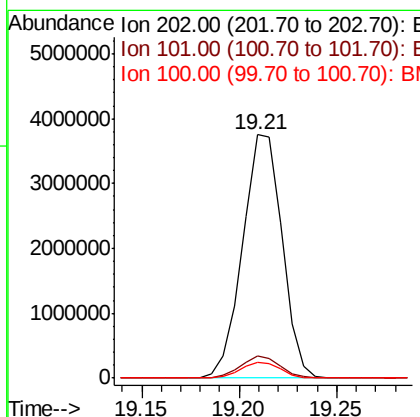
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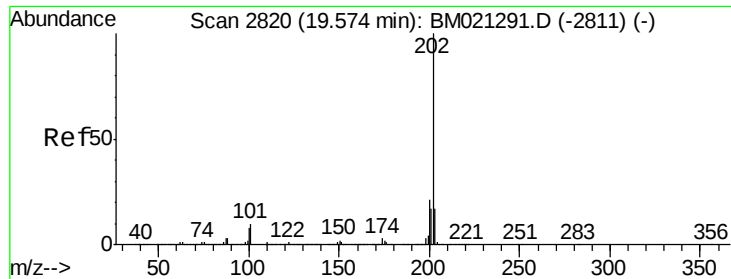
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#76
 Fluoranthene
 Concen: 56.719 ng/ul
 RT: 19.21 min Scan# 2758
 Delta R.T. -0.00 min
 Lab File: BM021294.D
 Acq: 30 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.7	10.1
100	6.7	5.5	8.3





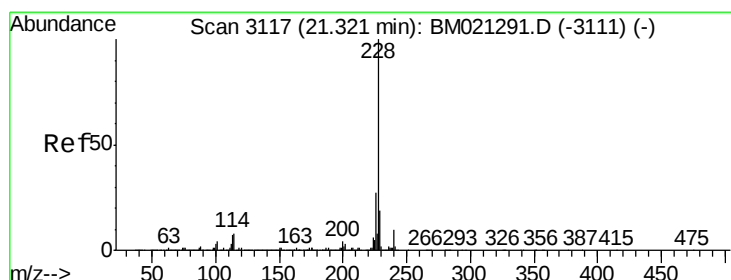
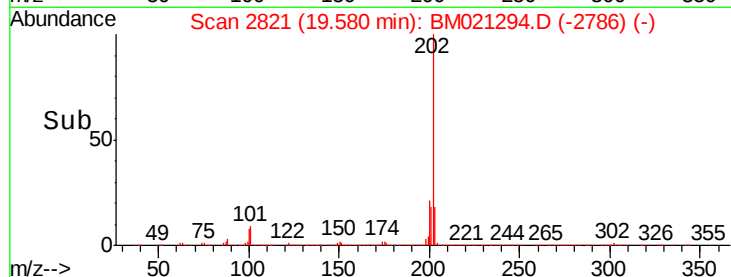
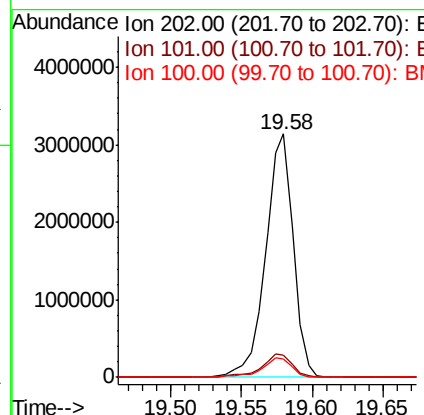
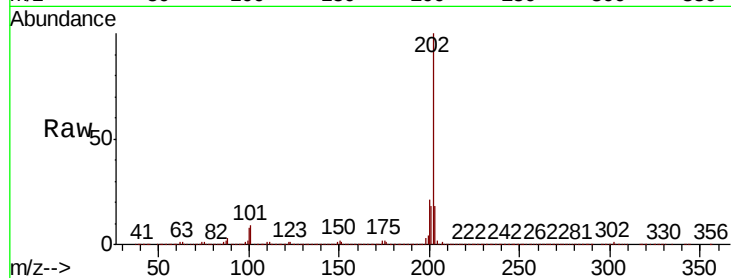
#79
Pvrene
Concen: 48.795 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. 0.01 min
Lab File: BM021294.D
Acq: 30 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
C5BB4

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.1	12.1
100	7.8	6.6	10.0

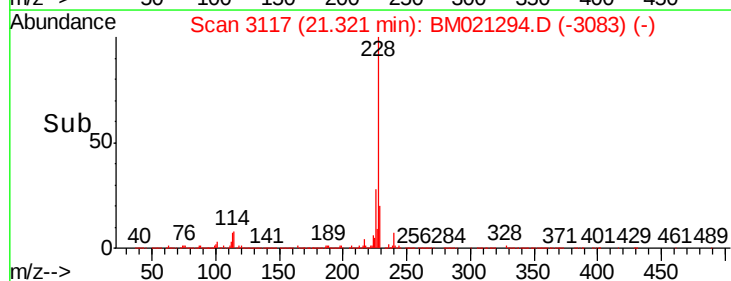
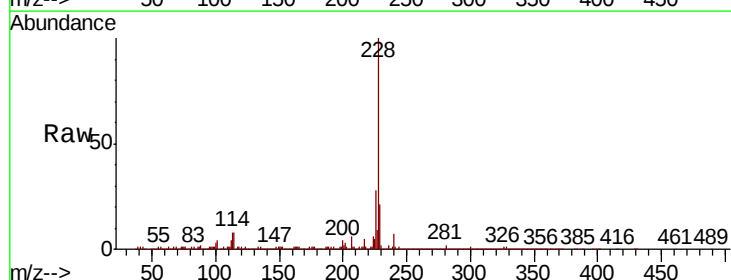
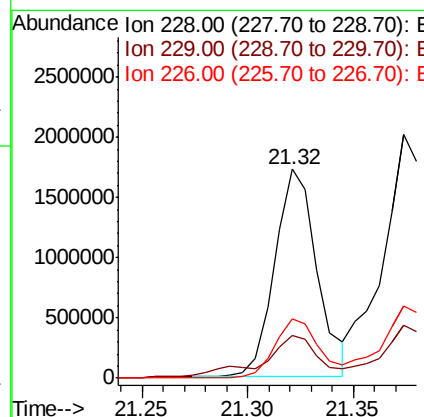
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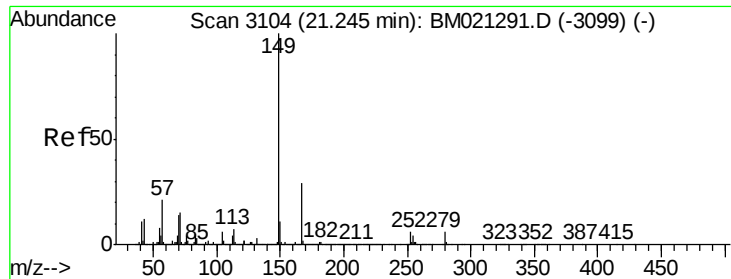
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#82
Benzo(a)anthracene
Concen: 28.325 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BM021294.D
Acq: 30 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	28.2	21.4	32.2





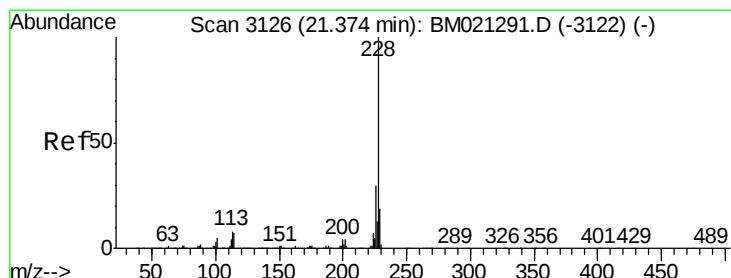
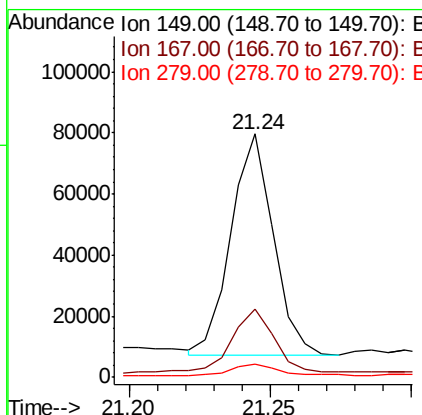
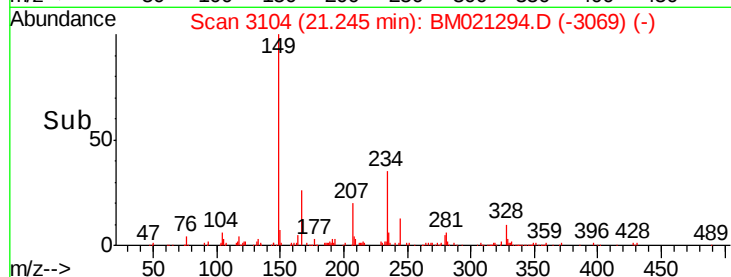
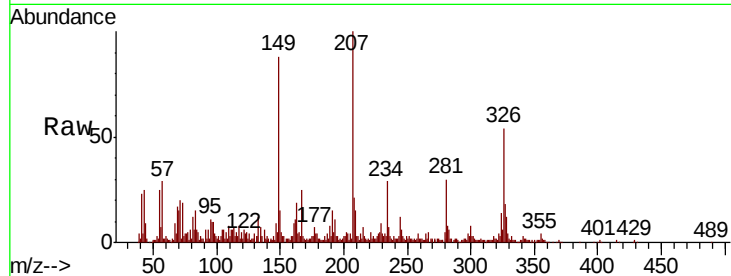
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.625 ng/ul
 RT: 21.24 min Scan# 3104
 Delta R.T. 0.01 min
 Lab File: BM021294.D
 Acq: 30 Jun 2019 12:20

Instrument :
 BNA_M
 ClientSampled :
 C5BB4

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	5.6	3.8	5.6

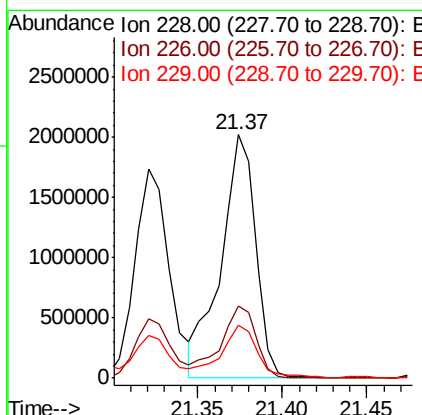
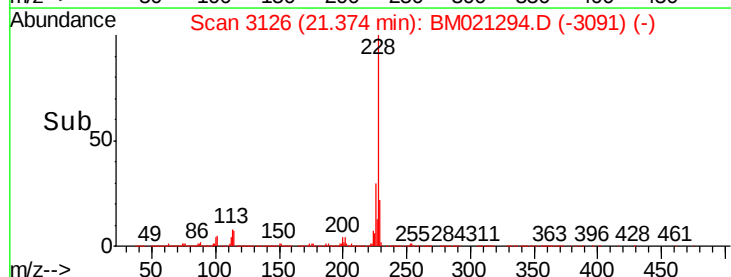
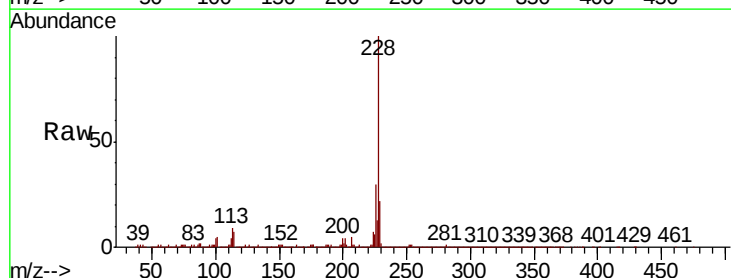
Manual Integrations
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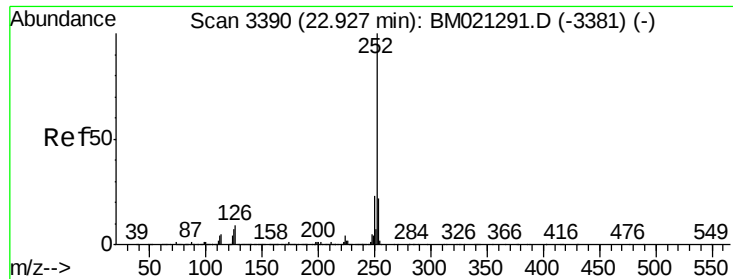
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#84
 Chrysene
 Concen: 36.186 ng/ul
 RT: 21.37 min Scan# 3126
 Delta R.T. 0.01 min
 Lab File: BM021294.D
 Acq: 30 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	21.9	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 50.636 ng/ul

RT: 22.93 min Scan# 3391

Delta R.T. 0.01 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

Instrument :

BNA_M

ClientSampled :

C5BB4

Tot Ion:252 Resp: 4895218

Ion Ratio Lower Upper

252 100

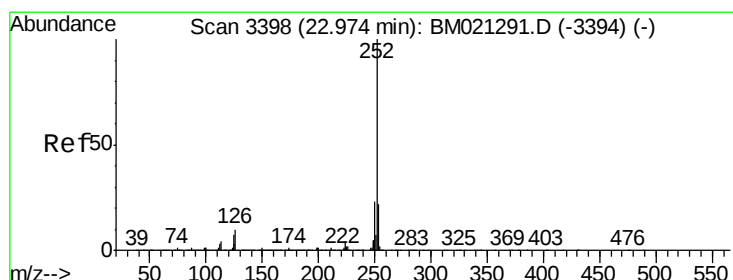
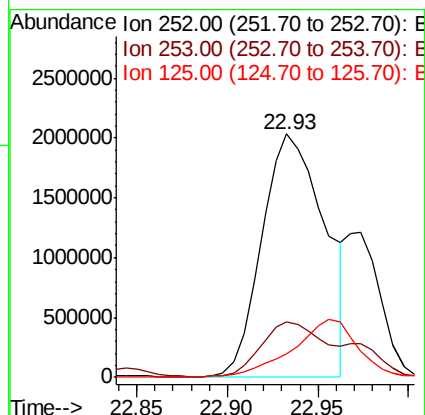
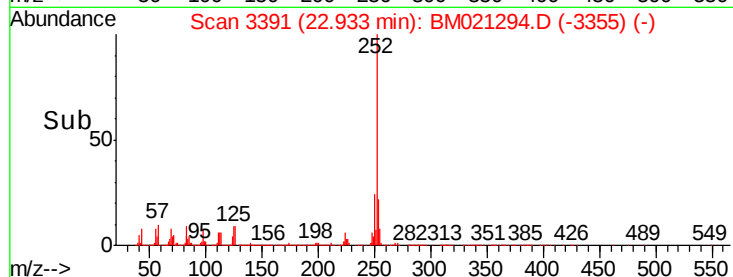
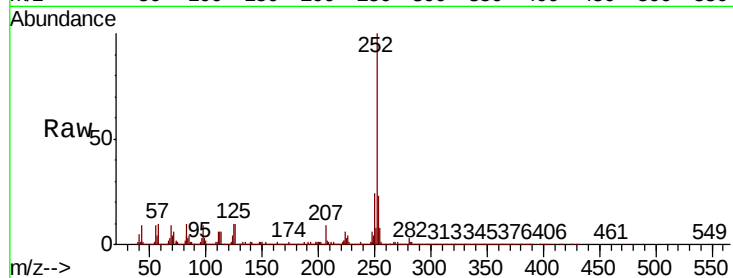
253 22.7 17.5 26.3

125 9.7 6.3 9.5#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 16.781 ng/ul m

RT: 22.97 min Scan# 3398

Delta R.T. 0.01 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

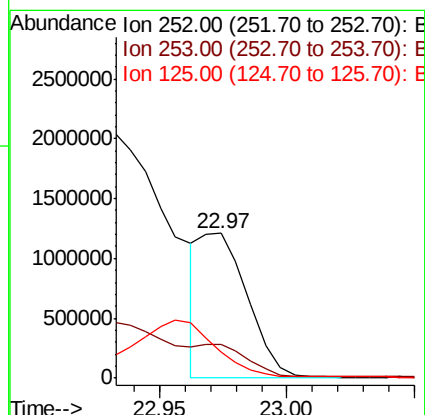
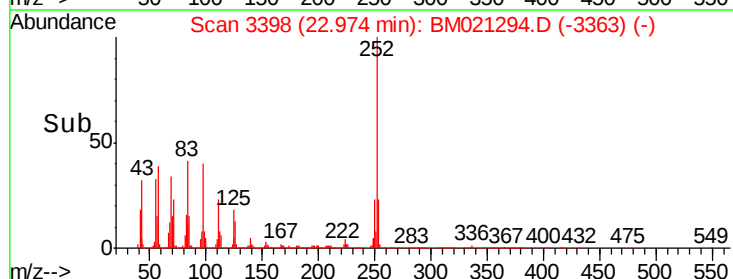
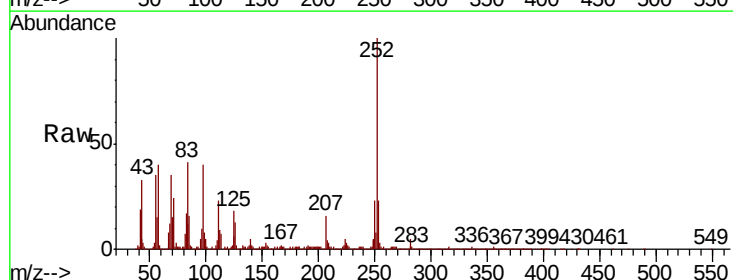
Tgt Ion:252 Resp: 1560660

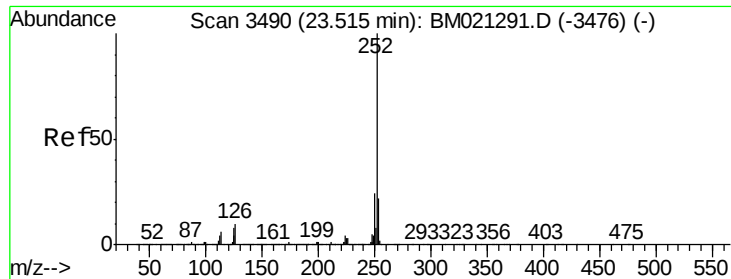
Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

125 18.0 6.6 9.8#





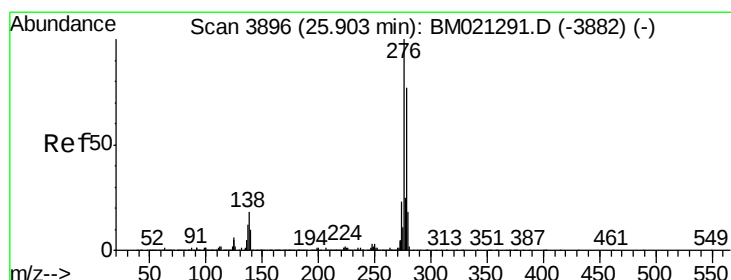
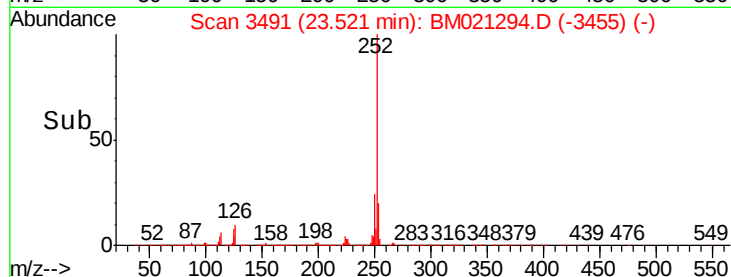
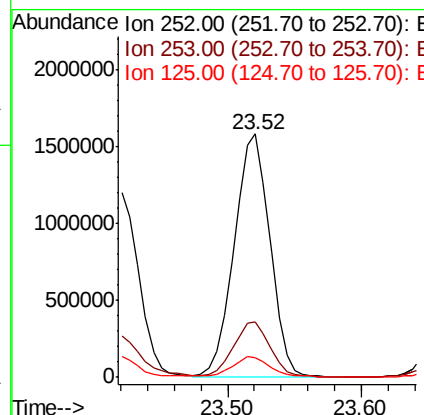
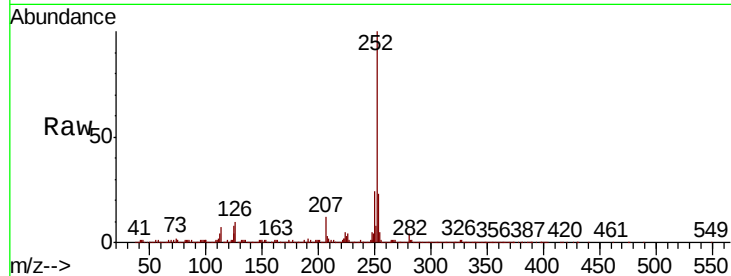
#90
Benzo(a)pyrene
Concen: 32.107 ng/ul
RT: 23.52 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BM021294.D
Acq: 30 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
C5BB4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	8.1	7.2	10.8

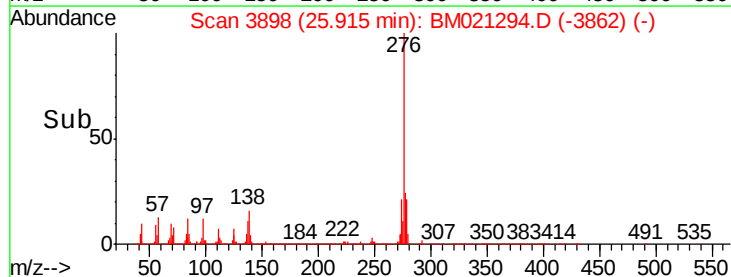
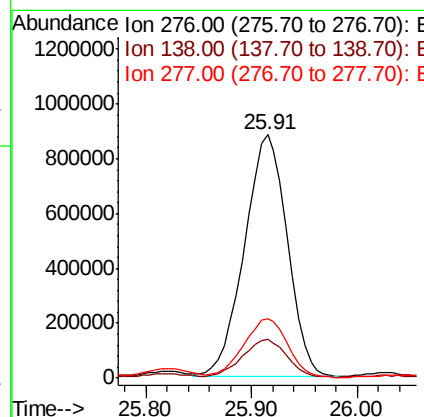
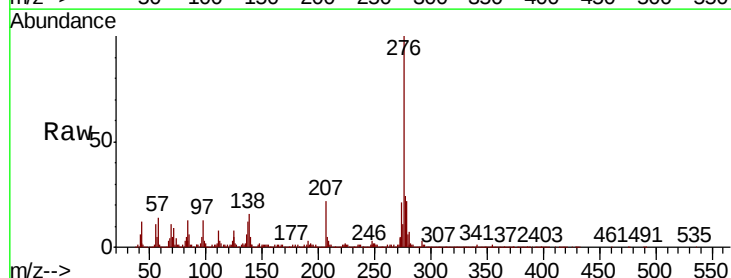
Manual Integrations
APPROVED

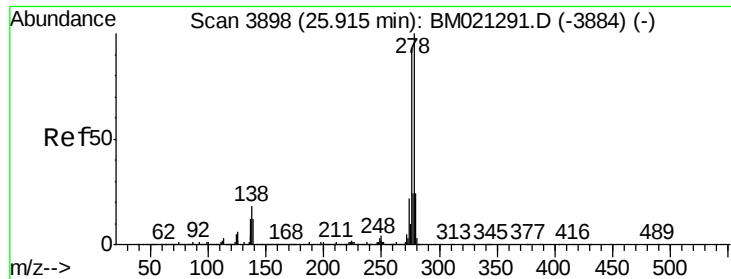
mohammad
7/1/2019 2:44:21 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 23.209 ng/ul
RT: 25.91 min Scan# 3898
Delta R.T. 0.01 min
Lab File: BM021294.D
Acq: 30 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	15.9	23.9
277	24.4	20.4	30.6





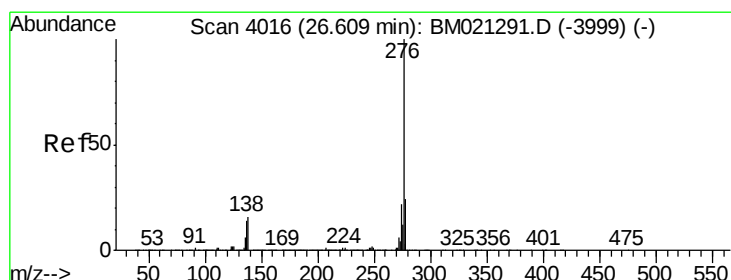
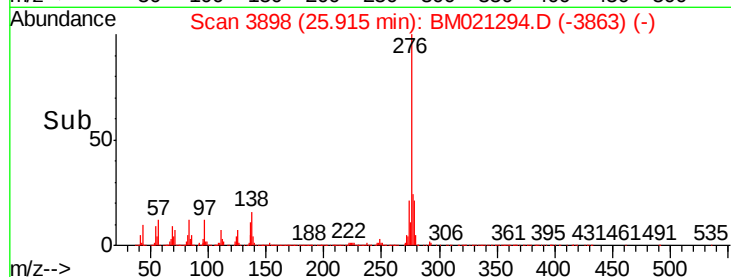
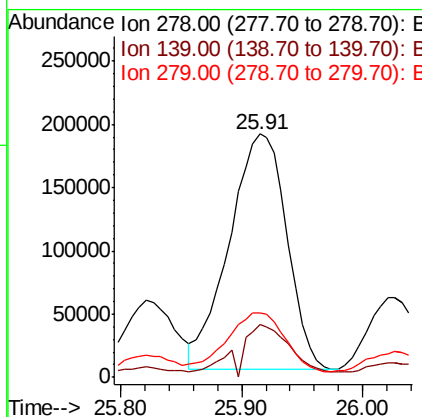
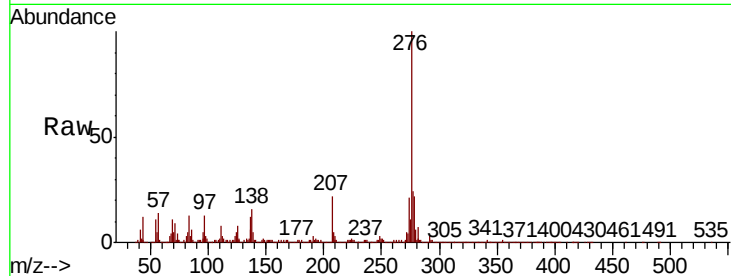
#92
Dibenzo(a,h)anthracene
Concen: 6.793 ng/ul
RT: 25.91 min Scan# 3898
Delta R.T. 0.01 min
Lab File: BM021294.D
Acq: 30 Jun 2019 12:20

Instrument :
BNA_M
ClientSampled :
C5BB4

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.7	10.6	15.8#
279	26.3	19.0	28.4

Manual Integrations
APPROVED

mohammad
7/1/2019 2:44:21 PM



#93
Benzo(g,h,i)perylene
Concen: 26.098 ng/ul
RT: 26.63 min Scan# 4019
Delta R.T. 0.02 min
Lab File: BM021294.D
Acq: 30 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	14.6	21.8
277	24.1	18.9	28.3

