

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021646.D
 Acq On : 25 Jul 2019 21:04
 Operator : HP/JU
 Sample : K3850-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENR9

Manual Integrations
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mohammad
 7/26/2019 3:24:10 PM

Quant Time: Jul 26 01:29:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 01:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	142731	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	655356	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	470021	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1102206	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1264820	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1236746	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	8202	3.13	ng/uL	0.00
5) Phenol-d5	6.87	99	184347	15.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	123337	17.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	163555	17.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	110132	10.65	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	93145	19.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	102476	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	207229	17.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	158858	14.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	738463	18.34	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	871042	17.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	49765	7.20	ng/ul	0.01
57) Fluorene-d10	15.34	176	700445	19.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	40744	5.90	ng/ul	0.00
70) Anthracene-d10	17.20	188	1183900	21.83	ng/ul	0.00
78) Pyrene-d10	19.50	212	1486953	24.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	1465521	22.19	ng/ul	0.00

Target Compounds

				Ovalue	
4) Benzaldehyde	6.87	77	8446	1.655	ng/ul# 81
6) Phenol	6.90	94	15960	1.370	ng/ul 99
14) Acetophenone	8.53	105	47255	3.045	ng/ul 98
30) 4-Chloroaniline	10.66	127	21752	1.982	ng/ul 97
44) Dimethylphthalate	13.81	163	240859	6.230	ng/ul 99
69) Phenanthrene	17.14	178	242861	4.039	ng/ul 99
76) Fluoranthene	19.16	202	670514	8.994	ng/ul 99
79) Pyrene	19.52	202	585276	7.768	ng/ul 100
82) Benzo(a)anthracene	21.27	228	348628	4.205	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.20	149	91925	2.659	ng/ul 99
84) Chrysene	21.33	228	392535	4.964	ng/ul 97
87) Benzo(b)fluoranthene	22.86	252	555323	7.427	ng/ul# 95
88) Benzo(k)fluoranthene	22.90	252	180493m	2.461	ng/ul
90) Benzo(a)pyrene	23.44	252	348396	4.852	ng/ul# 96
91) Indeno(1,2,3-cd)pyrene	25.79	276	240842	2.762	ng/ul 97
93) Benzo(g,h,i)perylene	26.49	276	241761	3.424	ng/ul 99

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

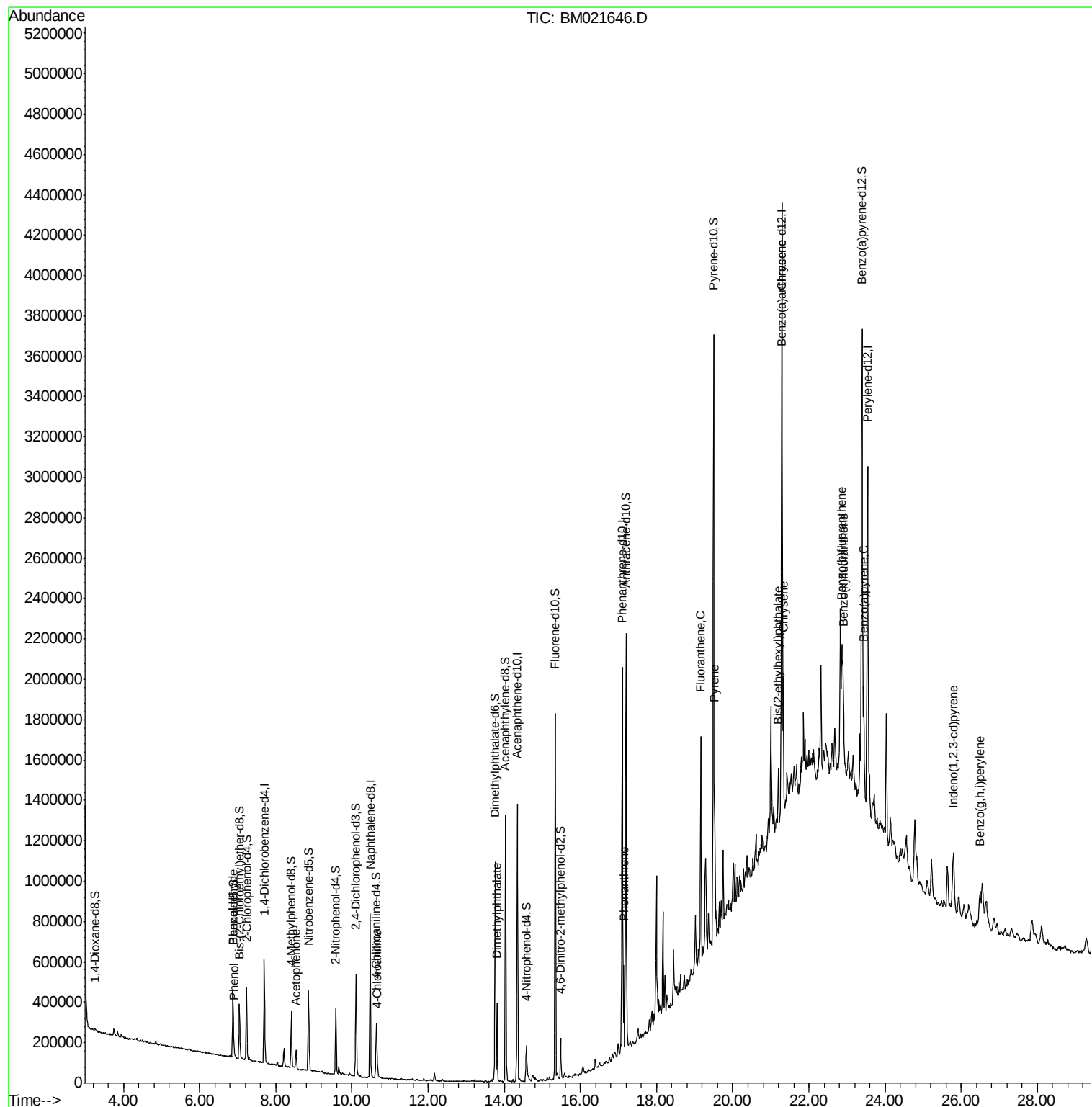
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021646.D
Acq On : 25 Jul 2019 21:04
Operator : HP/JU
Sample : K3850-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

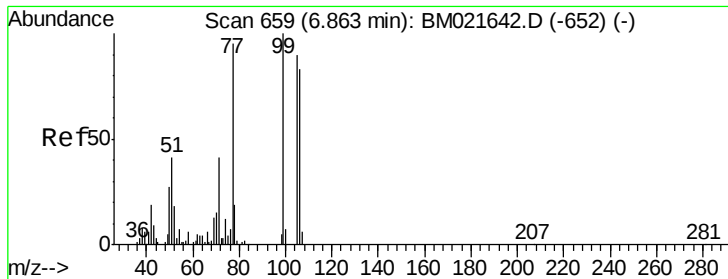
Instrument :
BNA_M
ClientSampleId :
BENR9

Quant Time: Jul 26 01:29:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

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#4

Benzaldehyde

Concen: 1.655 ng/ul

RT: 6.87 min Scan# 660

Delta R.T. 0.01 min

Lab File: BM021646.D

Acq: 25 Jul 2019 21:04

Instrument :

BNA_M

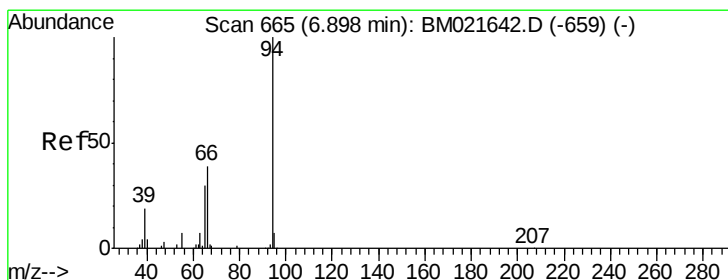
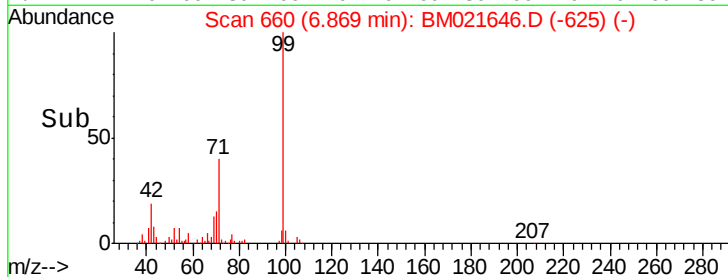
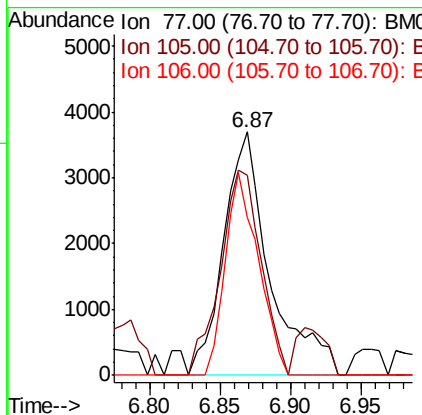
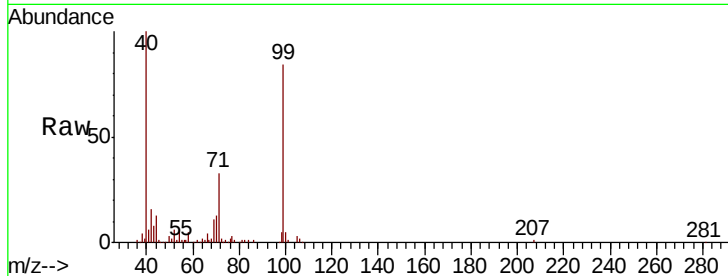
ClientSampled :

BENR9

Tot Ion	Ratio	Lower	Upper
77	100		
105	82.2	75.8	113.8
106	64.7	70.9	106.3

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#6

Phenol

Concen: 1.370 ng/ul

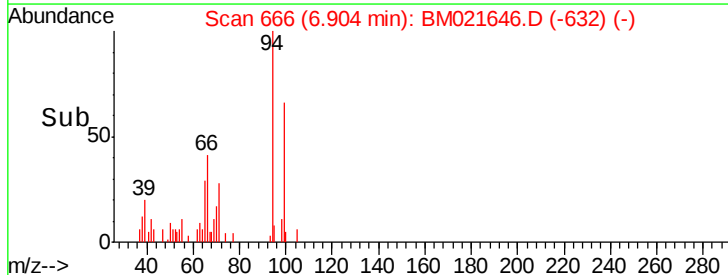
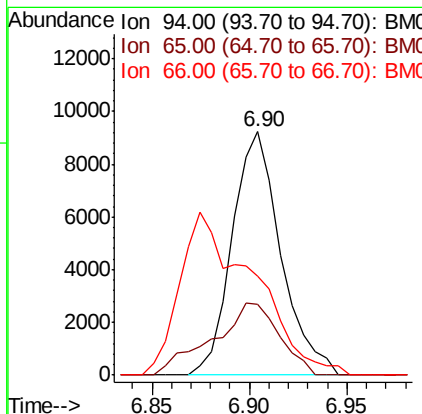
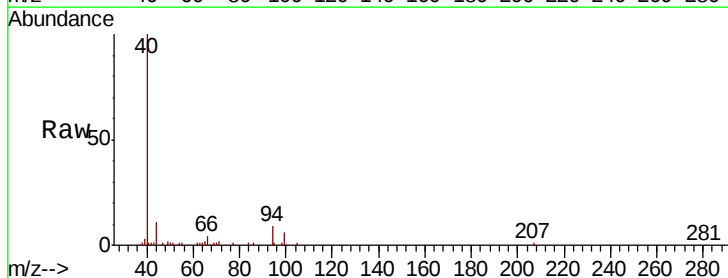
RT: 6.90 min Scan# 666

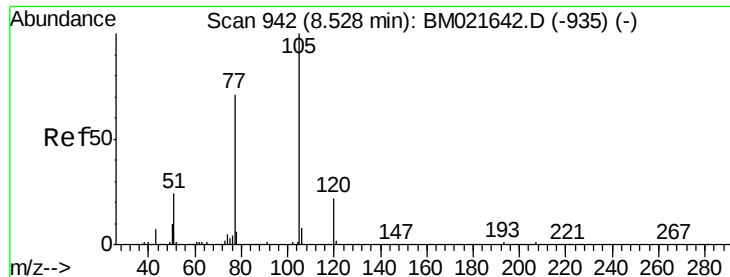
Delta R.T. -0.00 min

Lab File: BM021646.D

Acq: 25 Jul 2019 21:04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.9	23.3	34.9
66	40.8	33.2	49.8





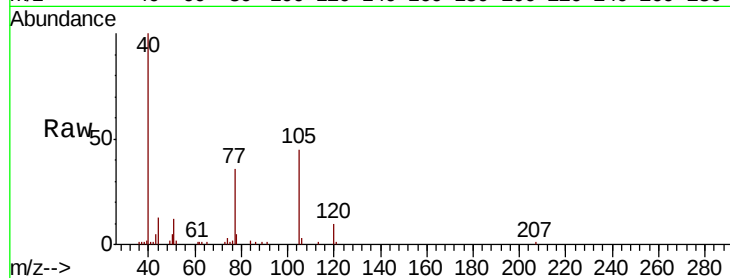
#14
Acetophenone
Concen: 3.045 ng/ul
RT: 8.53 min Scan# 942
Delta R.T. -0.00 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

Instrument :
BNA_M
ClientSampleId :
BENR9

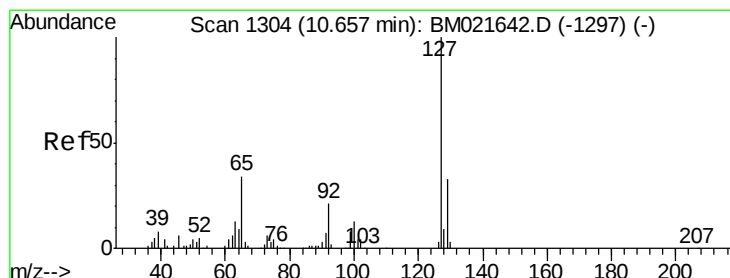
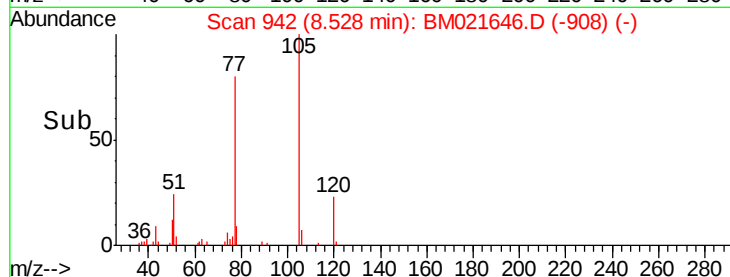
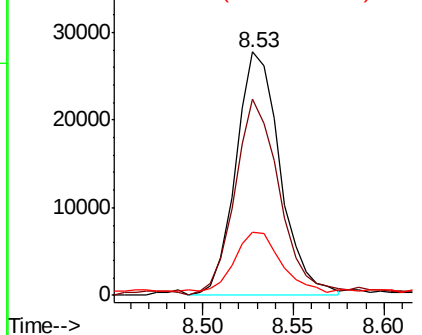
Tot Ion	Ratio	Resp	Lower	Upper
105	100	47255		
77	80.4	66.3	99.5	
51	25.9	20.2	30.2	

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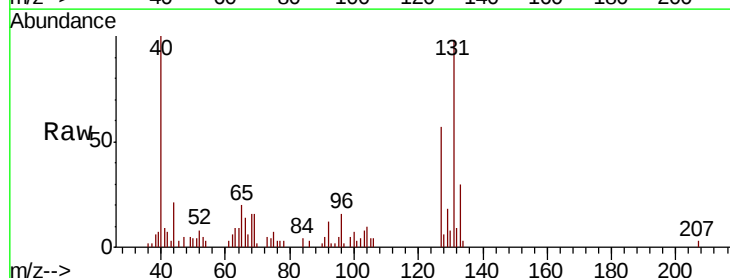


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Ion 77.00 (76.70 to 77.70): BM
Ion 51.00 (50.70 to 51.70): BM

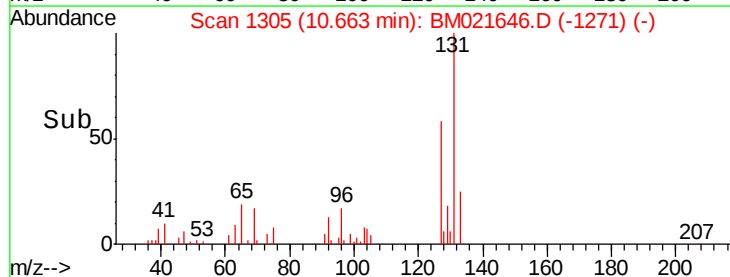
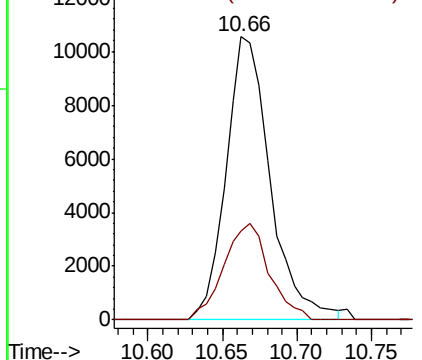


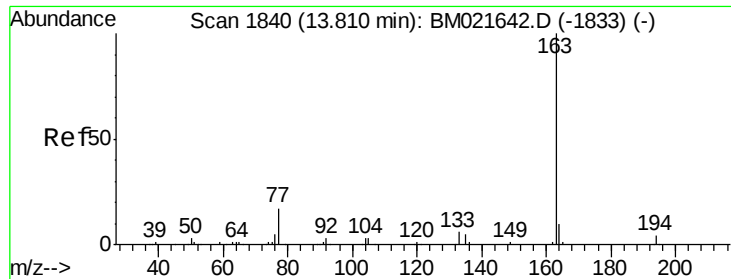
#30
4-Chloroaniline
Concen: 1.982 ng/ul
RT: 10.66 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	21752		
129	31.4	26.6	39.8	



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E





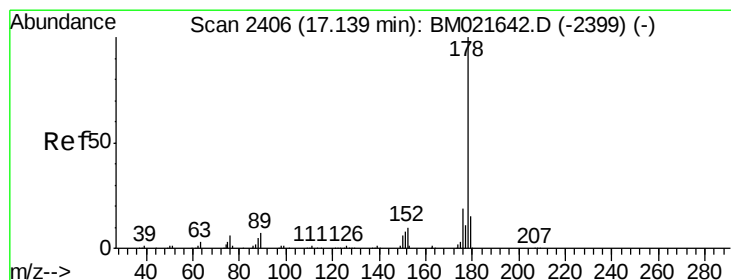
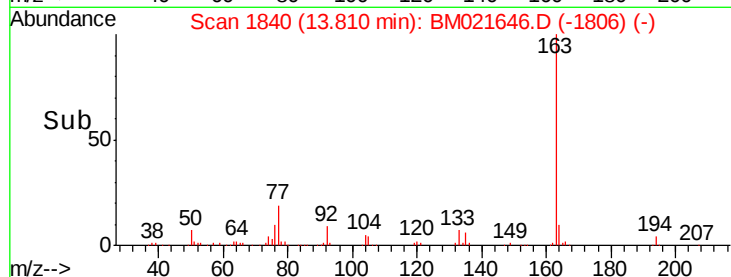
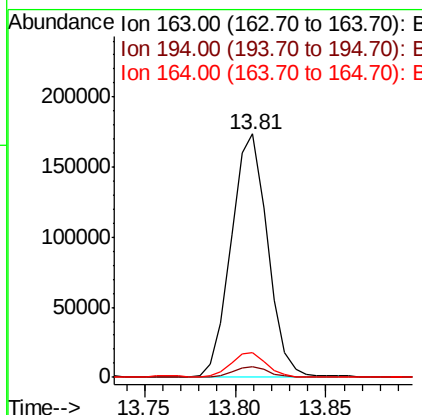
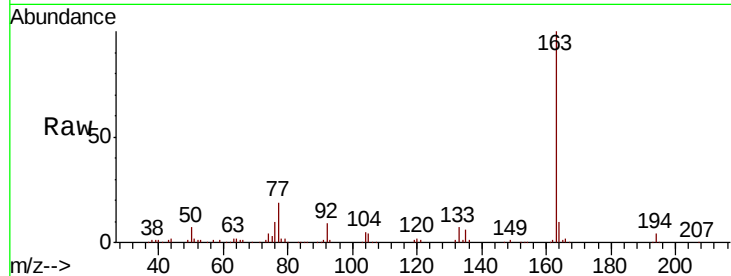
#44
Dimethylphthalate
Concen: 6.230 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

Instrument :
BNA_M
ClientSampleId :
BENR9

Tot Ion	Ratio	Resp	Lower	Upper
163	100	240859		
194	4.3		3.2	4.8
164	10.1		8.2	12.4

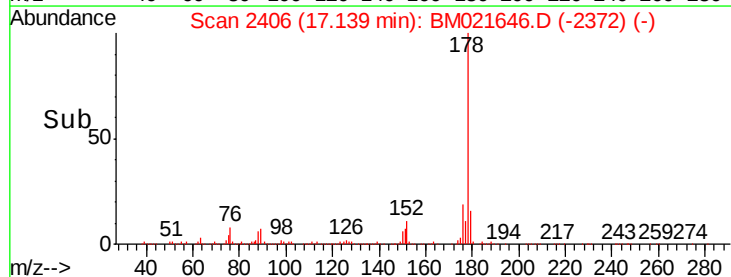
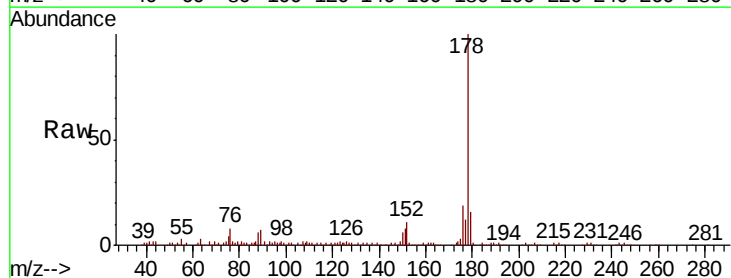
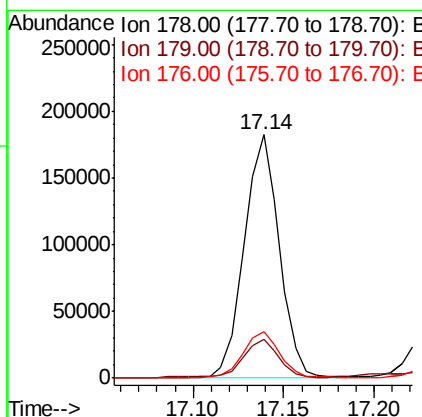
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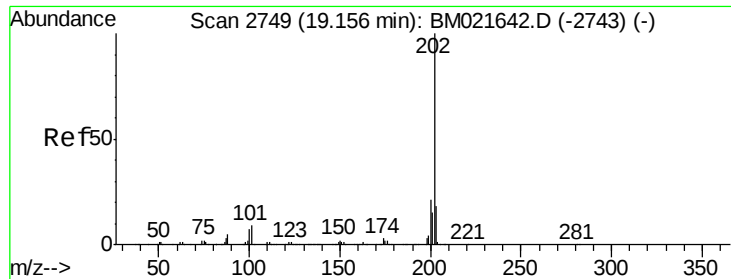
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#69
Phenanthrene
Concen: 4.039 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	242861		
179	15.7		12.2	18.2
176	19.1		15.0	22.4





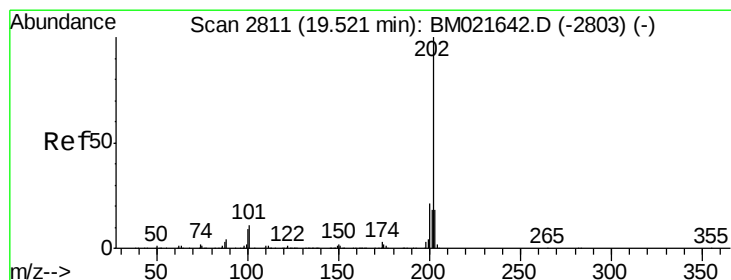
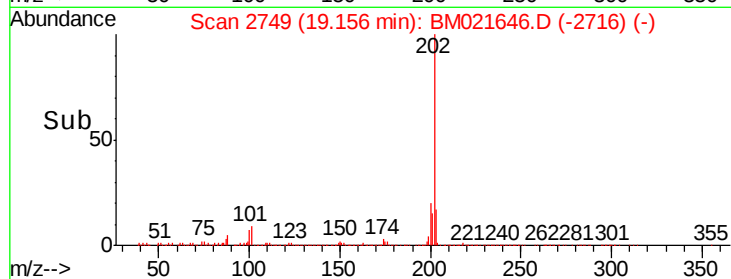
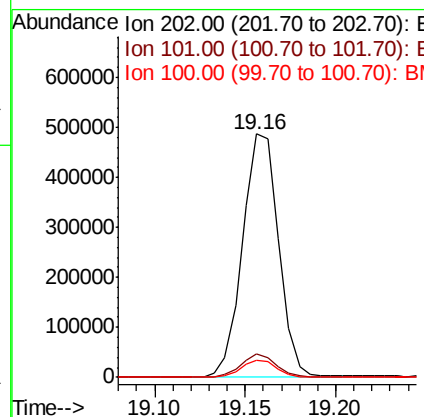
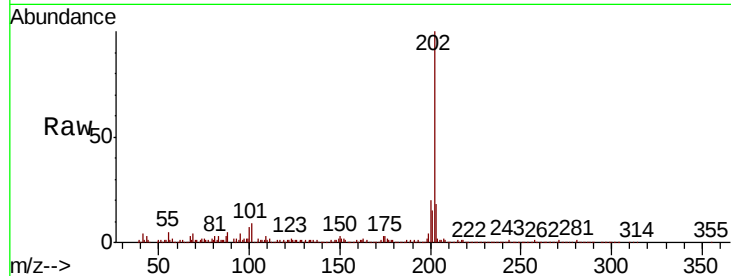
#76
 Fluoranthene
 Concen: 8.994 ng/ul
 RT: 19.16 min Scan# 2749
 Delta R.T. -0.01 min
 Lab File: BM021646.D
 Acq: 25 Jul 2019 21:04

Instrument :
 BNA_M
 ClientSampleId :
 BENR9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		670514		
101	9.4	7.2	10.8		
100	7.1	5.6	8.4		

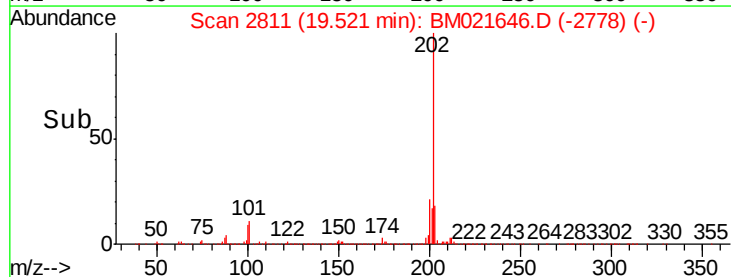
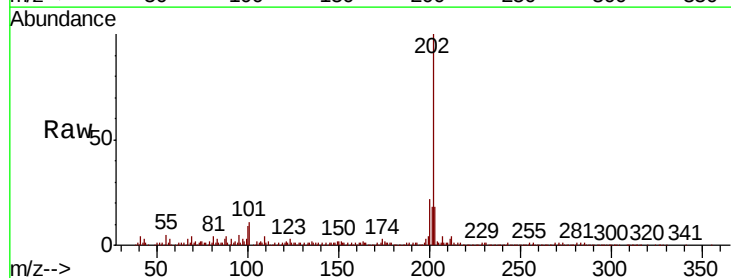
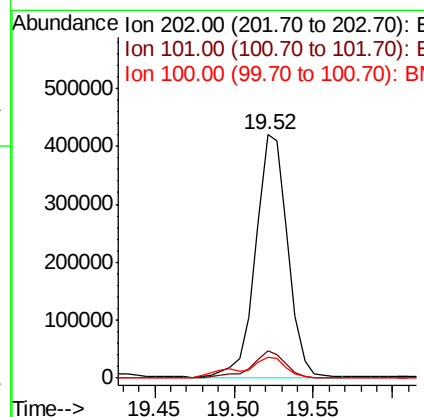
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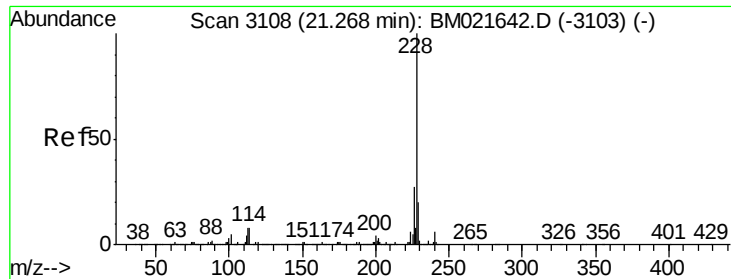
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#79
 Pyrene
 Concen: 7.768 ng/ul
 RT: 19.52 min Scan# 2811
 Delta R.T. -0.01 min
 Lab File: BM021646.D
 Acq: 25 Jul 2019 21:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		585276		
101	11.0	8.6	13.0		
100	8.8	7.1	10.7		





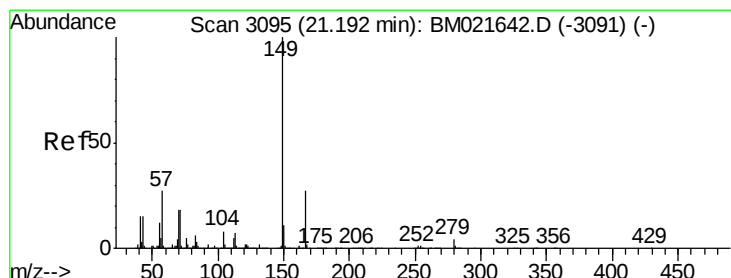
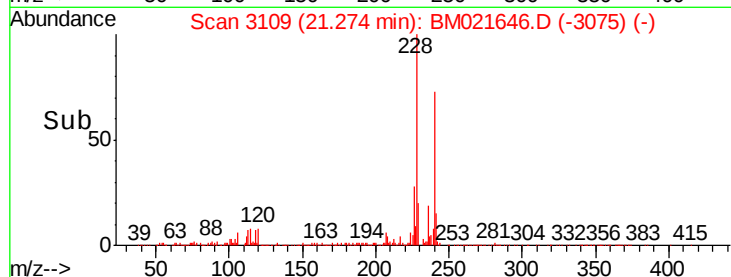
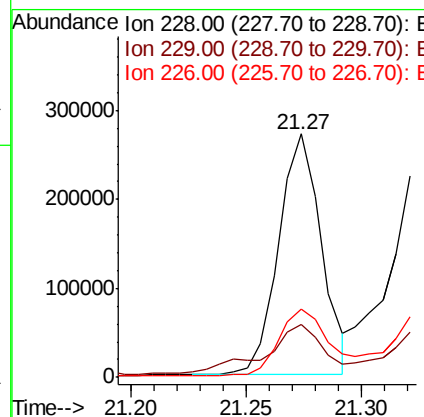
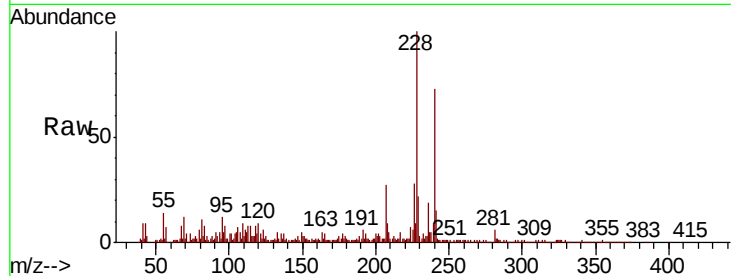
#82
Benzo(a)anthracene
Concen: 4.205 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

Instrument :
BNA_M
ClientSampleId :
BENR9

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.8	23.6
226	28.0	21.7	32.5

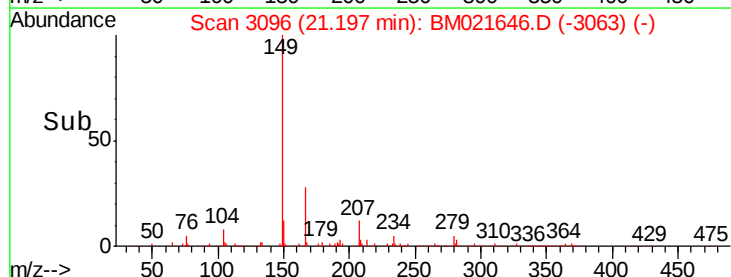
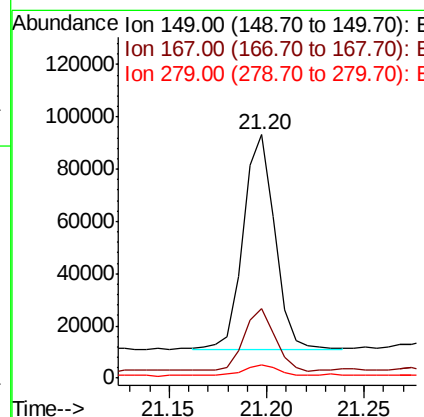
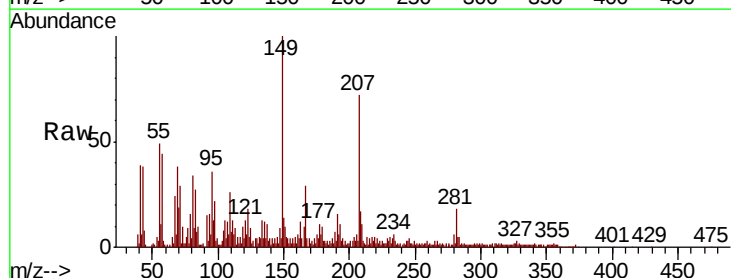
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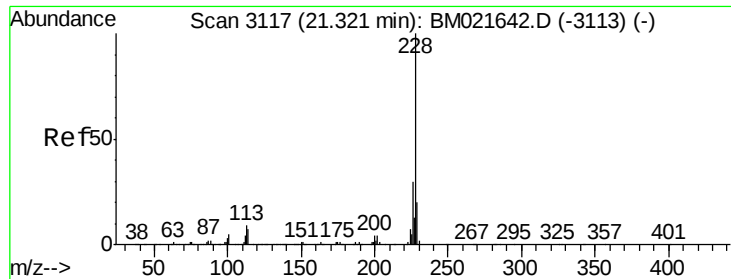
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#83
Bis(2-ethylhexyl)phthalate
Concen: 2.659 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.3	33.5
279	5.7	4.2	6.4





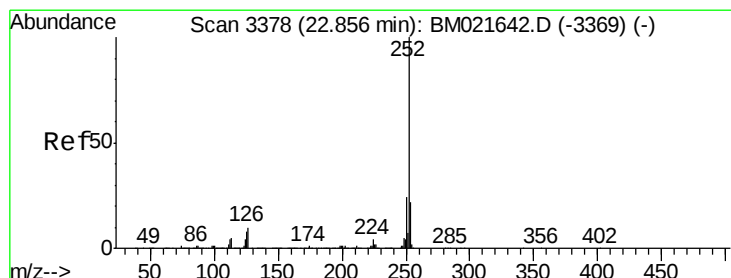
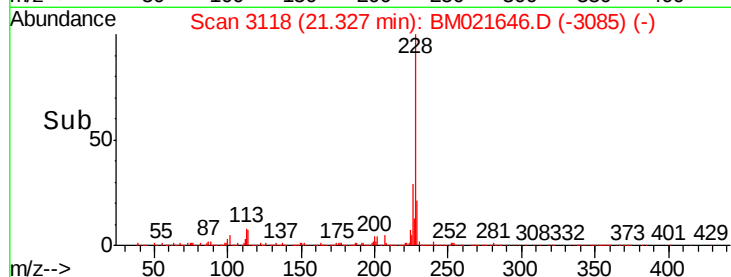
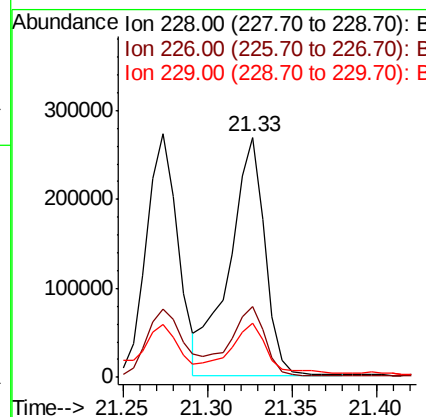
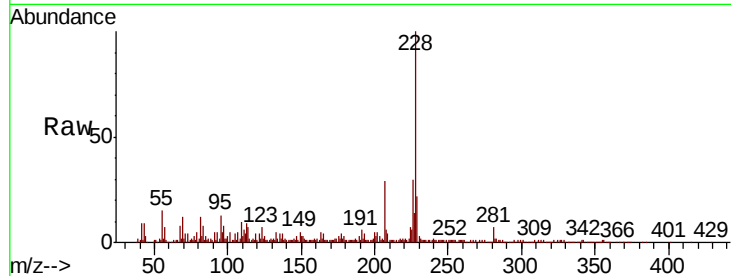
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Chrysene
Concen: 4.964 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

Instrument :
BNA_M
ClientSampleId :
BENR9

Tot Ion	Ratio	Resp Lower	Upper
228	100		
226	29.6	24.2	36.2
229	22.5	15.4	23.2

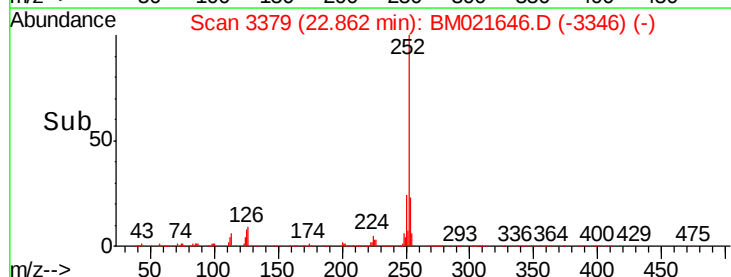
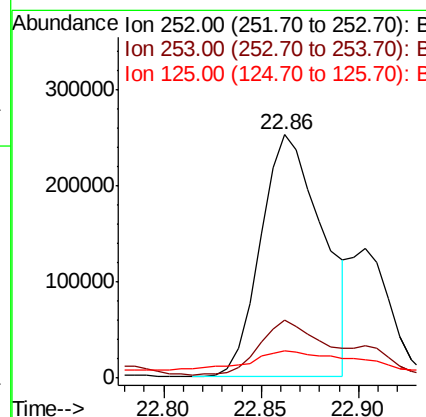
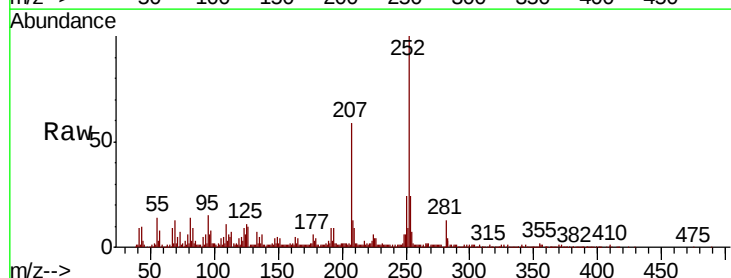
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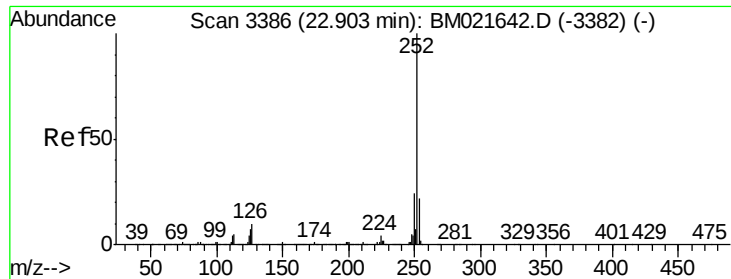
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#87
Benzo(b)fluoranthene
Concen: 7.427 ng/ul
RT: 22.86 min Scan# 3379
Delta R.T. -0.01 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.7	17.6	26.4
125	11.0	5.8	8.6





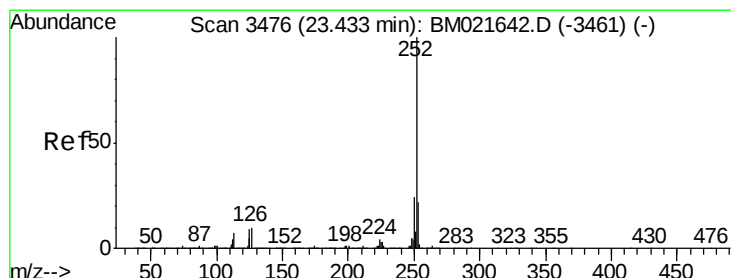
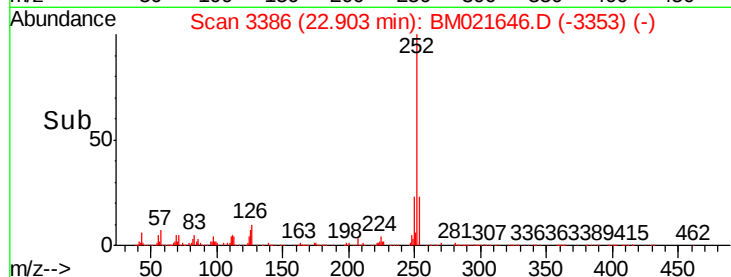
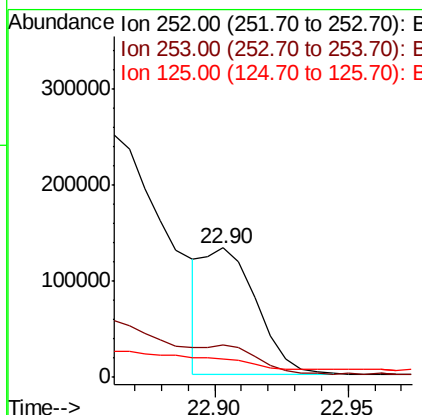
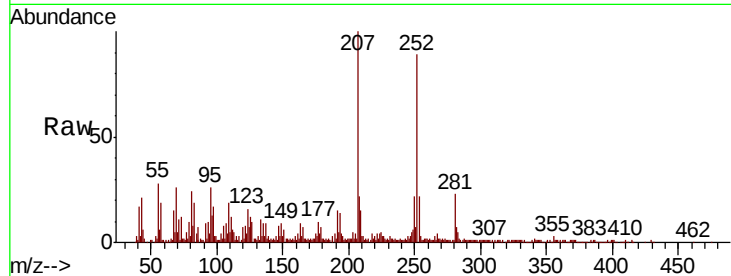
#88
Benzo(k)fluoranthene
Concen: 2.461 ng/ul m
RT: 22.90 min Scan# 3386
Delta R.T. -0.01 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

Instrument :
BNA_M
ClientSampleId :
BENR9

Tot Ion	Ratio	Resp	Lower	Upper
252	100	180493		
253	24.8	17.7	26.5	
125	13.9	6.4	9.6	

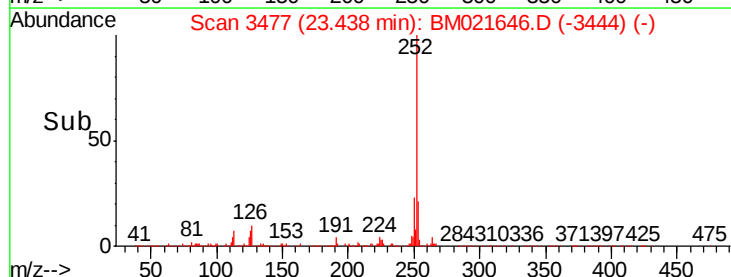
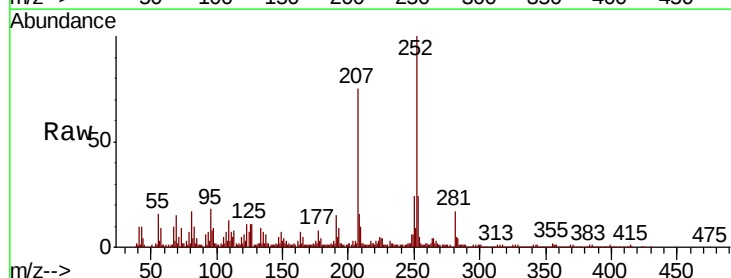
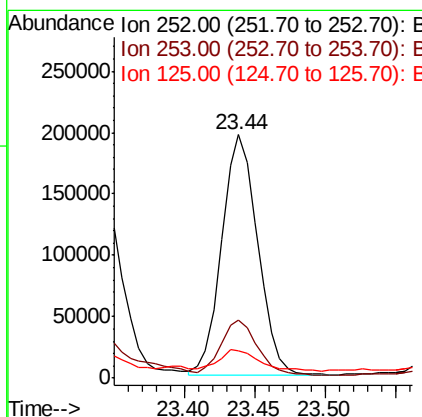
Manual Integrations
APPROVED

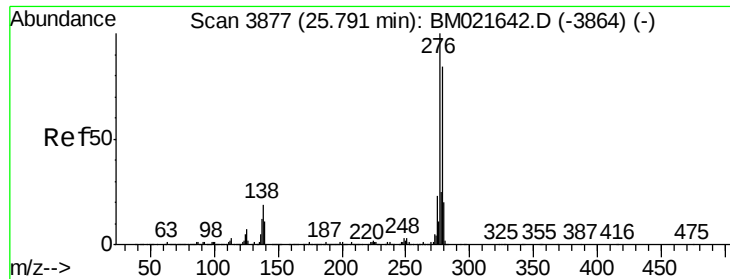
mohammad
7/26/2019 3:24:10 PM



#90
Benzo(a)pyrene
Concen: 4.852 ng/ul
RT: 23.44 min Scan# 3477
Delta R.T. -0.01 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	348396		
253	23.8	17.8	26.6	
125	11.0	7.0	10.4	





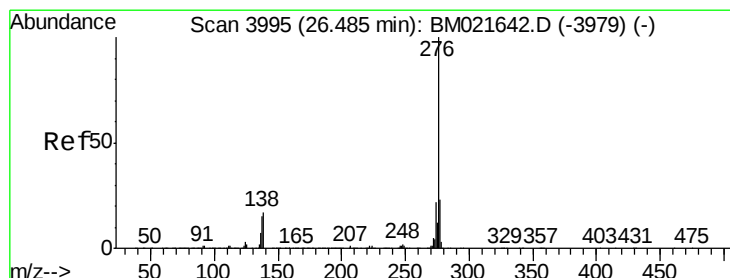
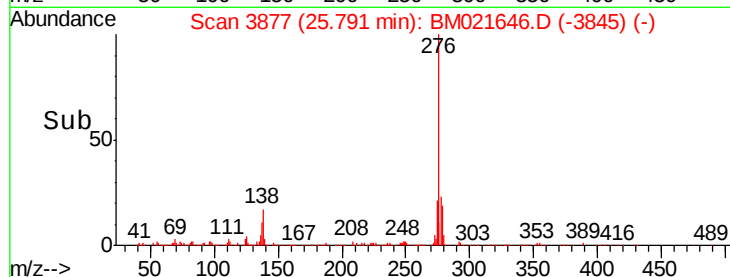
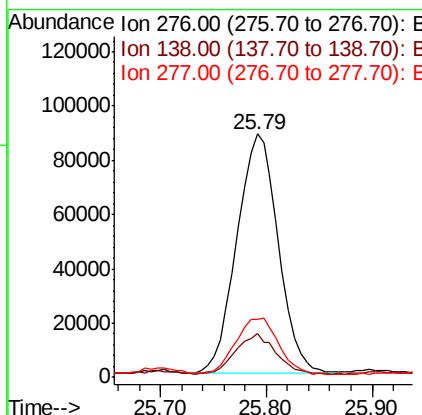
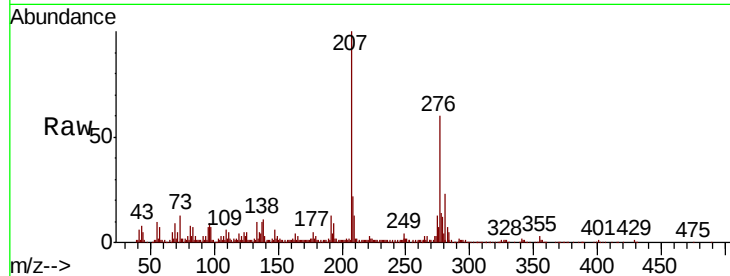
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.762 ng/ul
 RT: 25.79 min Scan# 3877
 Delta R.T. -0.01 min
 Lab File: BM021646.D
 Acq: 25 Jul 2019 21:04

Instrument :
 BNA_M
 ClientSampleId :
 BENR9

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.2	22.8
277	23.8	20.2	30.2

Manual Integrations
 APPROVED

mohammad
 7/26/2019 3:24:10 PM



#93
 Benzo(g,h,i)perylene
 Concen: 3.424 ng/ul
 RT: 26.49 min Scan# 3996
 Delta R.T. -0.00 min
 Lab File: BM021646.D
 Acq: 25 Jul 2019 21:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.7	20.5
277	24.0	19.0	28.6

