

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062819\
 Data File : BM021224.D
 Acq On : 28 Jun 2019 10:49
 Operator : HP/JU
 Sample : K3502-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AE1

Manual Integrations
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mohammad
 7/1/2019 8:10:23 AM

Quant Time: Jun 28 15:20:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 05:07:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	196235	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	891857	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	591989	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1373710	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	996887	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1048729	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	17190	4.16	ng/uL	0.00
5) Phenol-d5	6.93	99	380498	22.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	240264	23.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	327785	23.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	336368	23.59	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	179070	24.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	202907	25.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	405977	24.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	339870	19.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1414650	26.45	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1611652	24.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	122289	14.05	ng/ul	0.00
57) Fluorene-d10	15.40	176	1237488	26.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	155736	18.44	ng/ul	0.00
70) Anthracene-d10	17.25	188	1828473	25.61	ng/ul	0.00
78) Pyrene-d10	19.54	212	1809457	30.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1571639	25.40	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.96	94	21399	1.325 ng/ul	92
44) Dimethylphthalate	13.86	163	318636	6.544 ng/ul	99
69) Phenanthrene	17.19	178	943109	12.414 ng/ul	99
74) Carbazole	17.56	167	69011	1.082 ng/ul	98
76) Fluoranthene	19.21	202	1808098	22.026 ng/ul	100
79) Pyrene	19.57	202	1388791	19.706 ng/ul	100
82) Benzo(a)anthracene	21.32	228	521675	7.676 ng/ul	99
84) Chrysene	21.37	228	720261	11.316 ng/ul	99
87) Benzo(b)fluoranthene	22.92	252	851877	12.823 ng/ul	99
88) Benzo(k)fluoranthene	22.96	252	325961m	5.100 ng/ul	
90) Benzo(a)pyrene	23.50	252	461202	7.376 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.89	276	368128	5.000 ng/ul	95
92) Dibenzo(a,h)anthracene	25.89	278	100019	1.615 ng/ul#	93
93) Benzo(g,h,i)perylene	26.60	276	285003	4.700 ng/ul	98

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

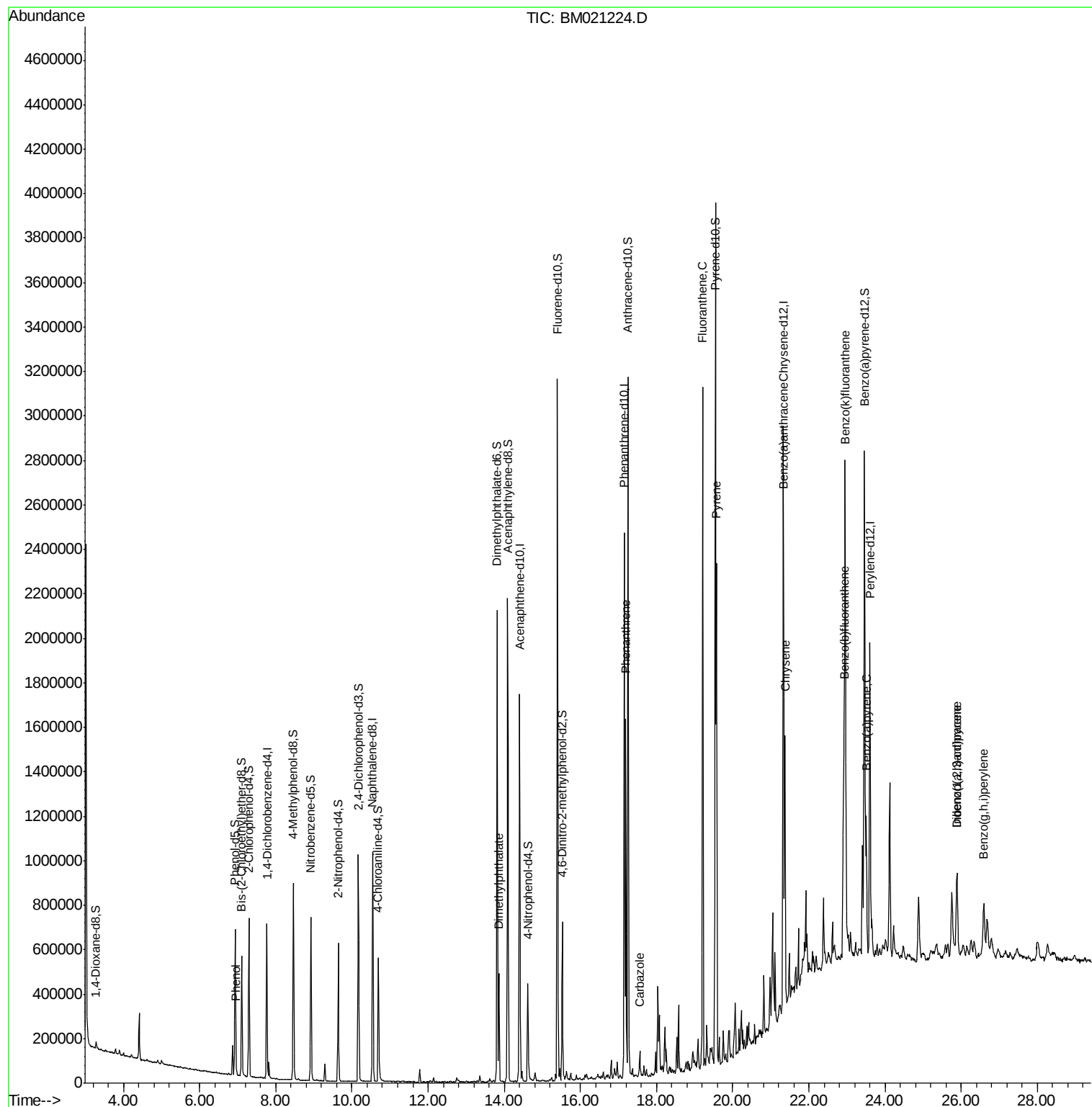
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062819\
Data File : BM021224.D
Acq On : 28 Jun 2019 10:49
Operator : HP/JU
Sample : K3502-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

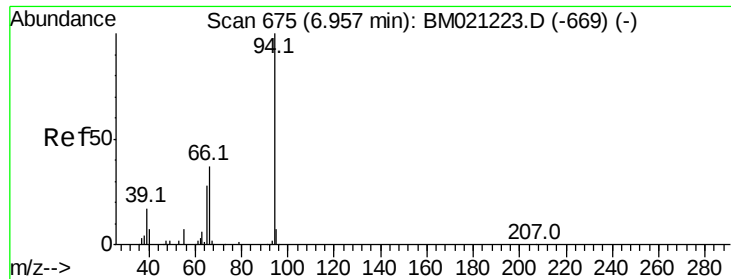
Instrument :
BNA_M
ClientSampleId :
C5AE1

Quant Time: Jun 28 15:20:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration

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#6

Phenol

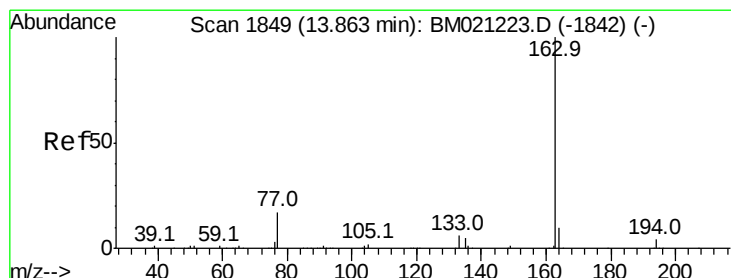
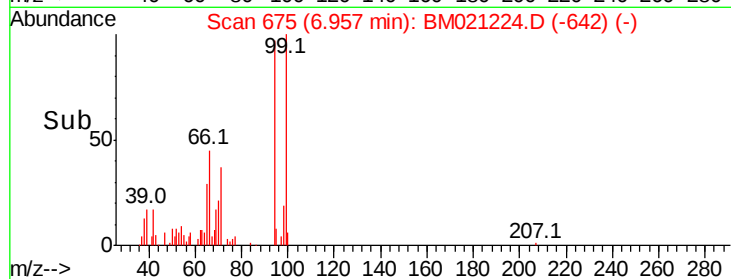
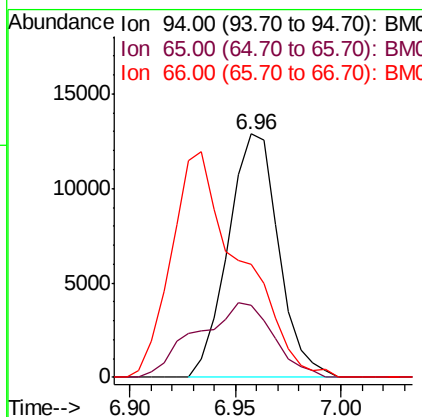
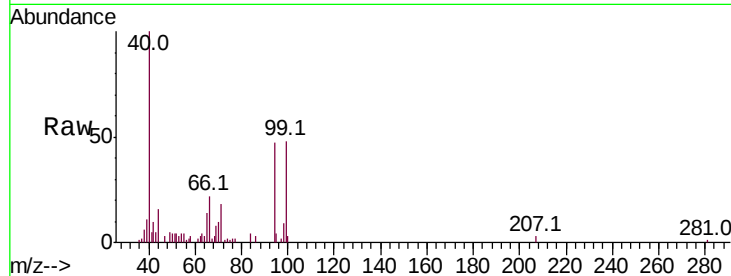
Concen: 1.325 ng/ul
 RT: 6.96 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BM021224.D
 Acq: 28 Jun 2019 10:49

Instrument :
 BNA_M
 ClientSampleId :
 C5AE1

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.5	22.6	34.0
66	46.2	31.2	46.8

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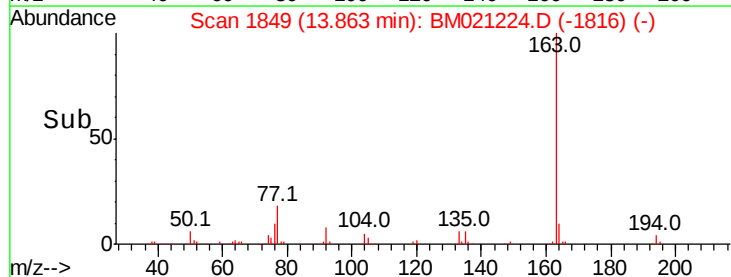
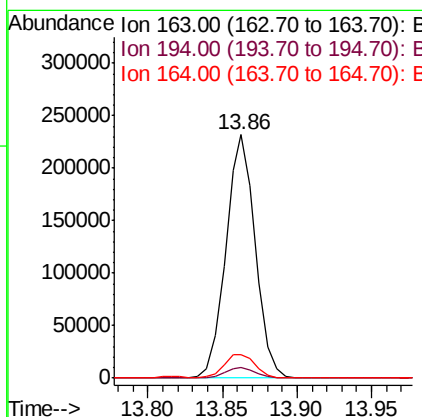
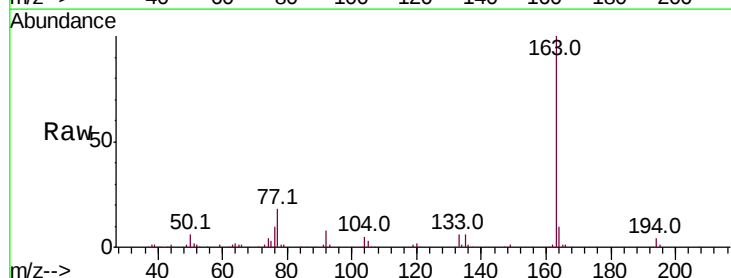


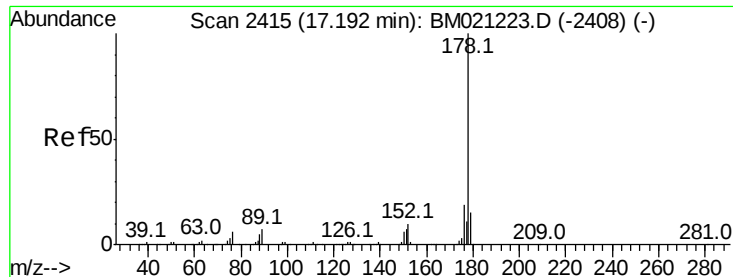
#44

Dimethylphthalate

Concen: 6.544 ng/ul
 RT: 13.86 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BM021224.D
 Acq: 28 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.9	7.7	11.5





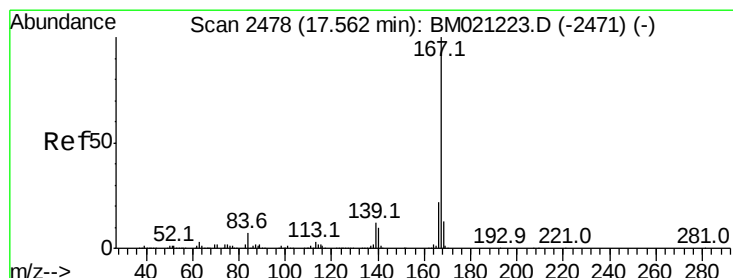
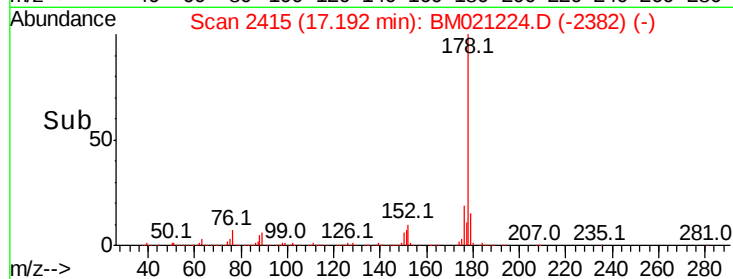
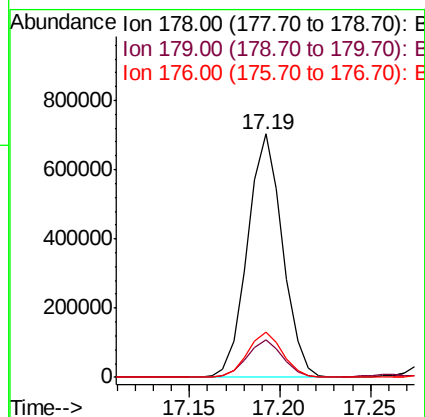
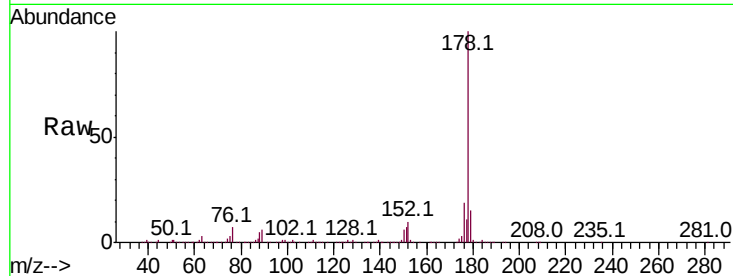
#69
Phenanthrene
Concen: 12.414 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021224.D
Acq: 28 Jun 2019 10:49

Instrument :
BNA_M
ClientSampleId :
C5AE1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	18.7	15.0	22.6

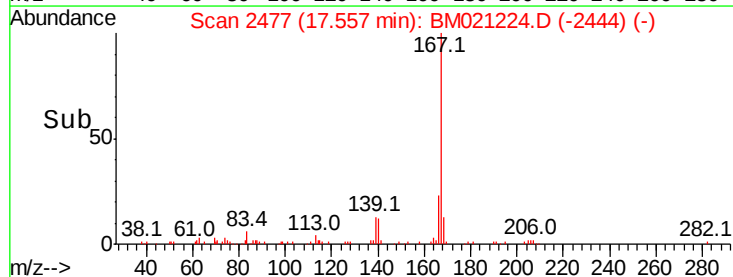
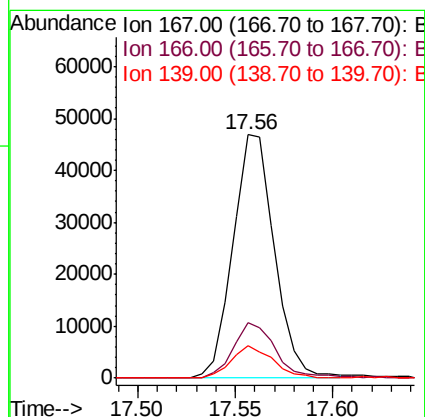
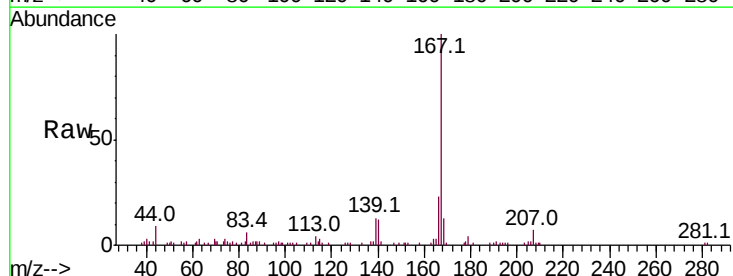
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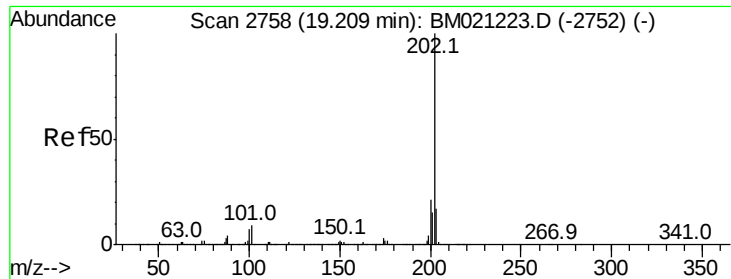
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#74
Carbazole
Concen: 1.082 ng/ul
RT: 17.56 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM021224.D
Acq: 28 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.4	26.2
139	13.1	9.8	14.6





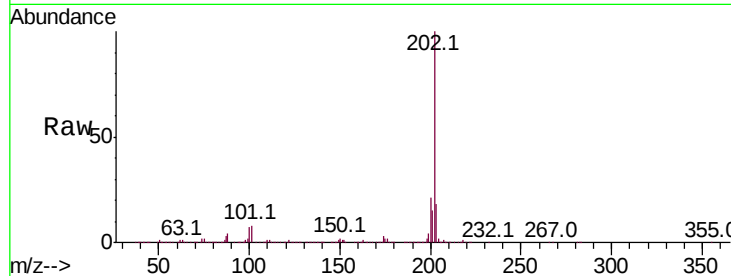
#76
Fluoranthene
Concen: 22.026 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021224.D
Acq: 28 Jun 2019 10:49

Instrument :
BNA_M
ClientSampleId :
C5AE1

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.7	10.1
100	6.6	5.5	8.3

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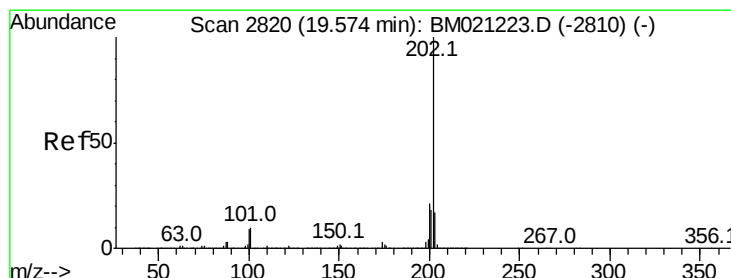
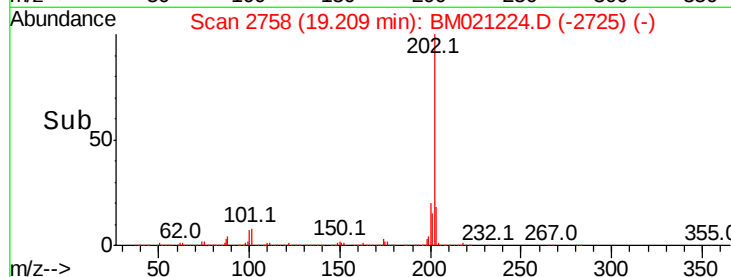
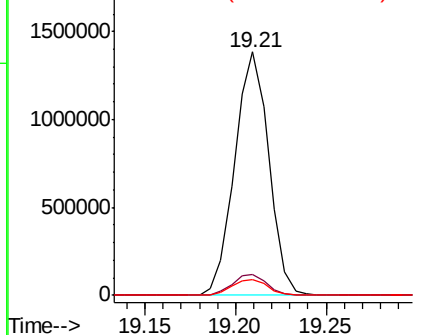


Abundance

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



#79
Pyrene
Concen: 19.706 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM021224.D
Acq: 28 Jun 2019 10:49

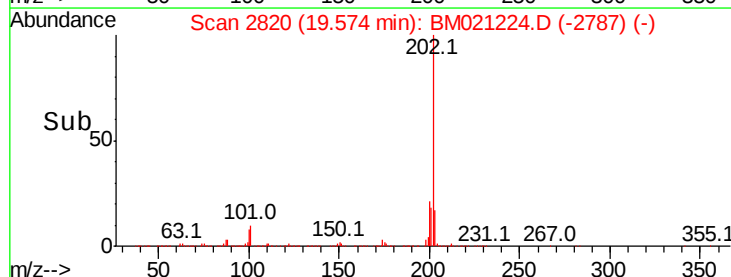
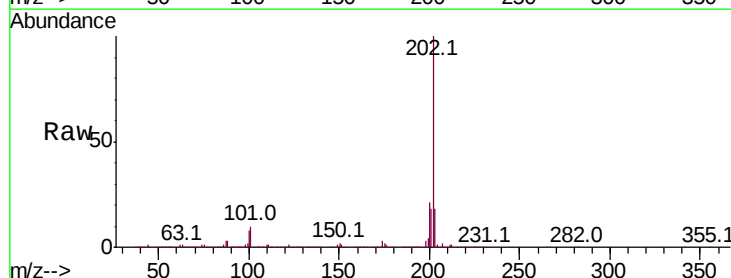
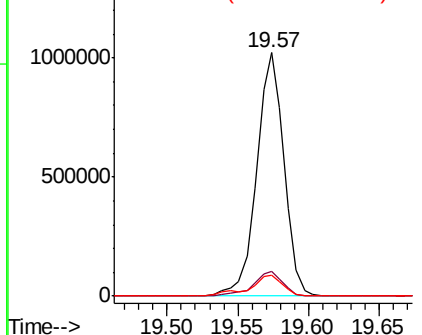
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.1	12.1
100	8.4	6.6	10.0

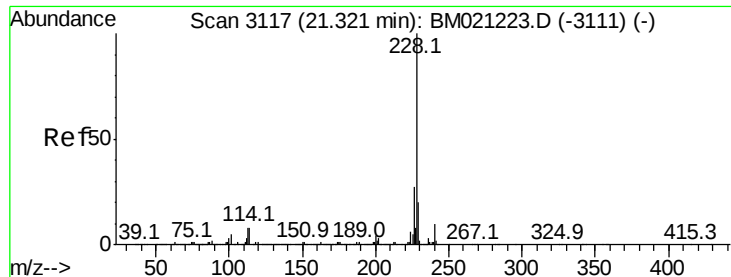
Abundance

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





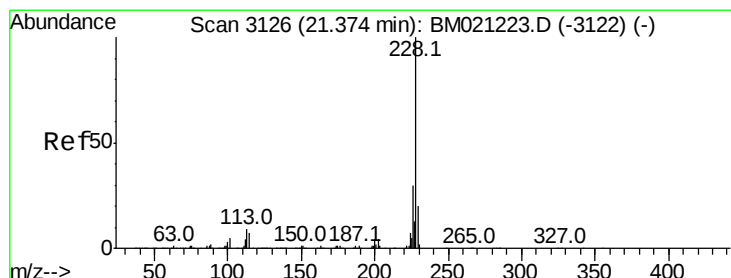
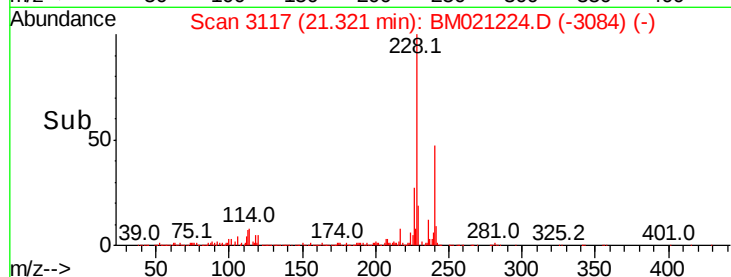
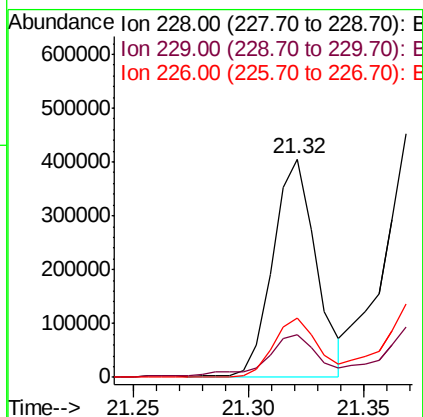
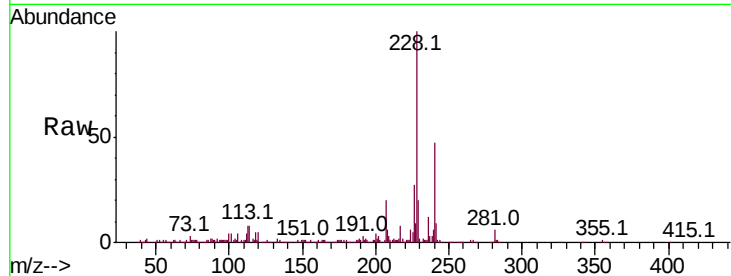
#82
Benzo(a)anthracene
Concen: 7.676 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021224.D
Acq: 28 Jun 2019 10:49

Instrument :
BNA_M
ClientSampleId :
C5AE1

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.8
226	27.3	21.4	32.2

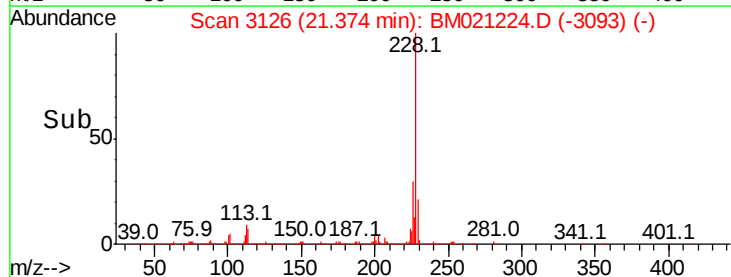
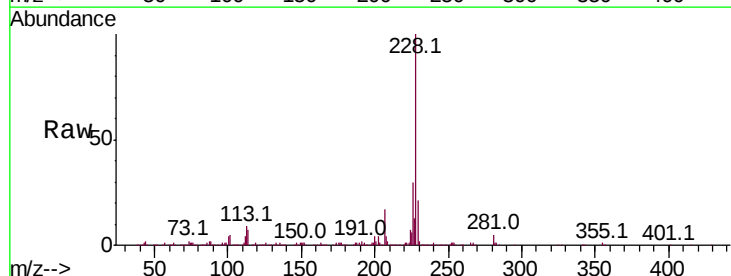
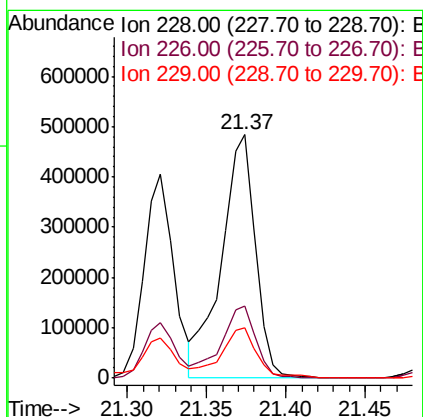
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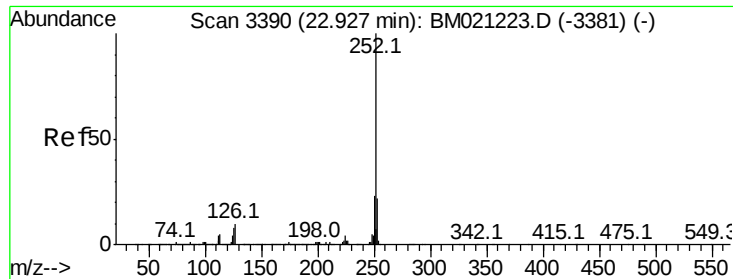
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#84
Chrysene
Concen: 11.316 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM021224.D
Acq: 28 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	20.8	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 12.823 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021224.D

Acq: 28 Jun 2019 10:49

Instrument :

BNA_M

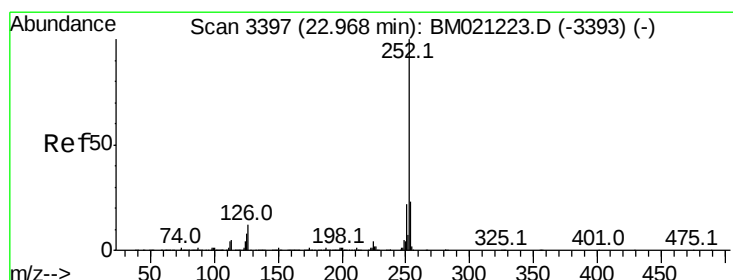
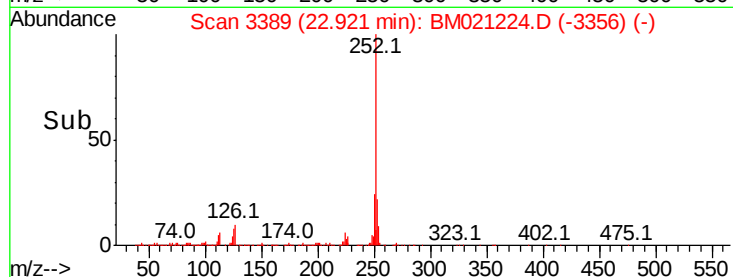
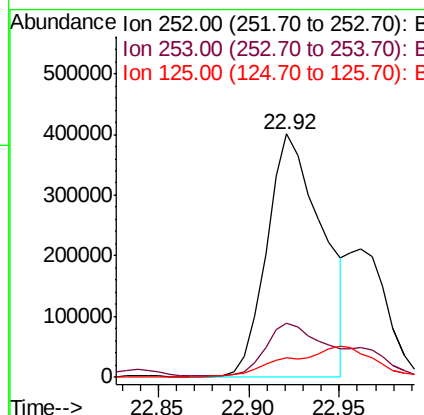
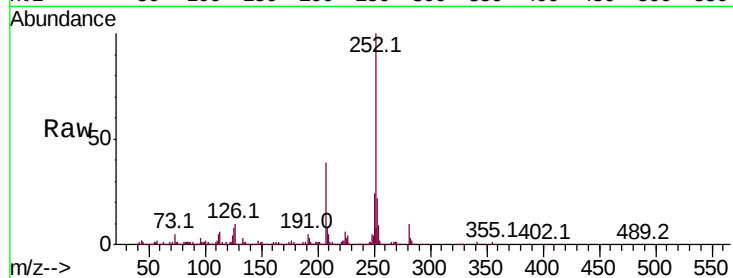
ClientSampleId :

C5AE1

Tot Ion:	252	Resp:	851877
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	8.3	6.3	9.5

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#88

Benzo(k)fluoranthene

Concen: 5.100 ng/ul m

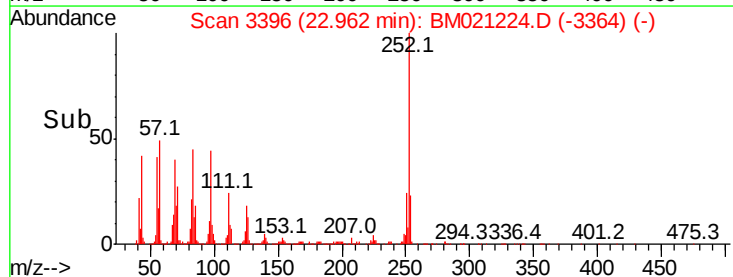
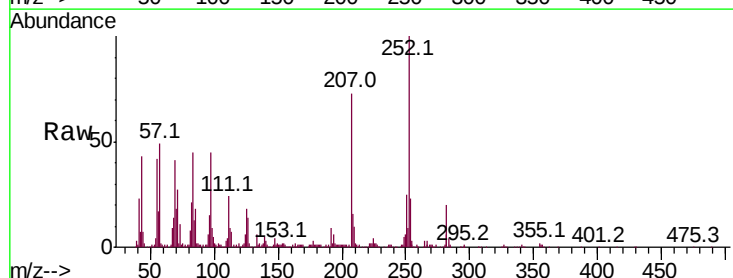
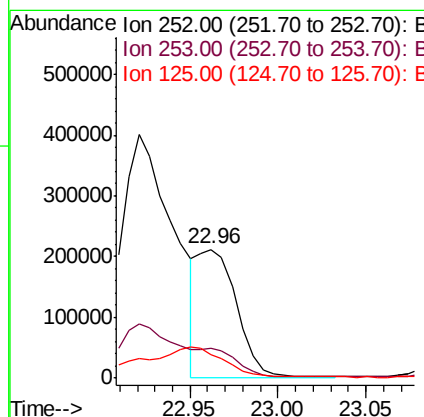
RT: 22.96 min Scan# 3396

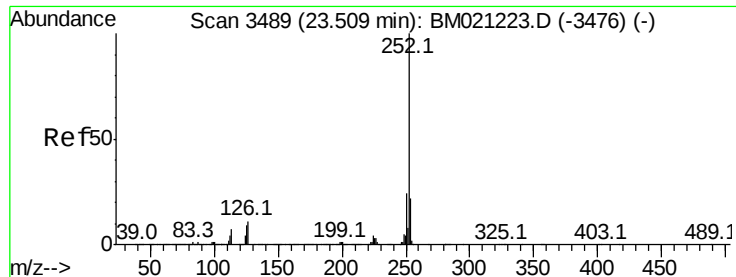
Delta R.T. -0.01 min

Lab File: BM021224.D

Acq: 28 Jun 2019 10:49

Tgt Ion:	252	Resp:	325961
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.5	26.3
125	18.4	6.6	9.8#





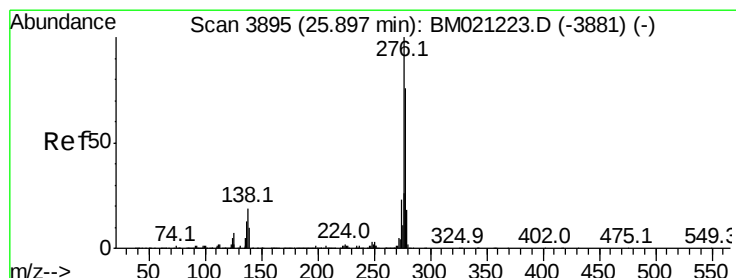
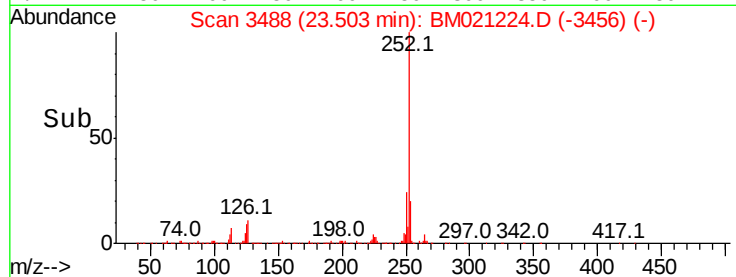
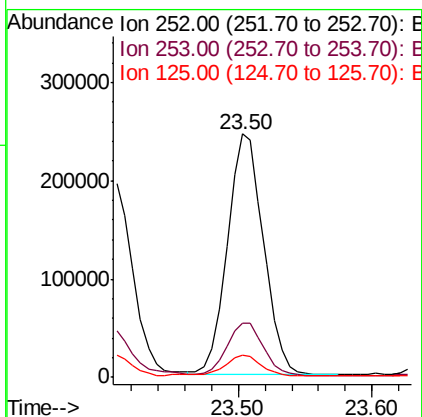
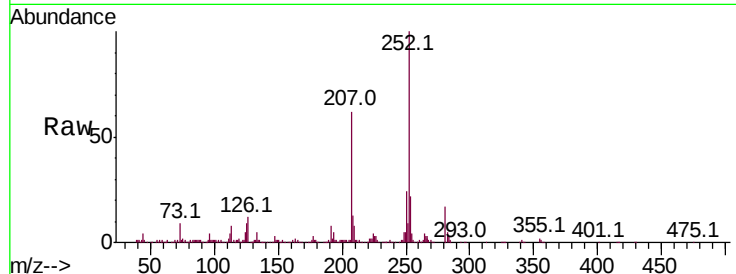
#90
Benzo(a)pyrene
Concen: 7.376 ng/ul
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM021224.D
Acq: 28 Jun 2019 10:49

Instrument :
BNA_M
ClientSampleId :
C5AE1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.1	7.2	10.8

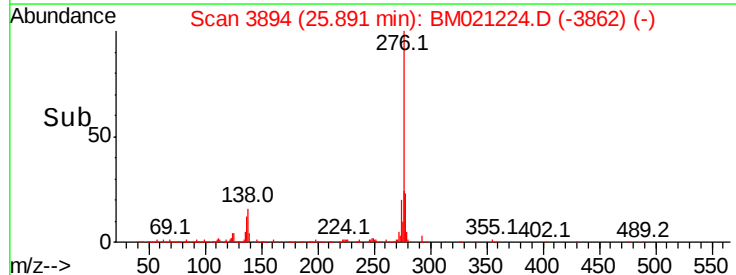
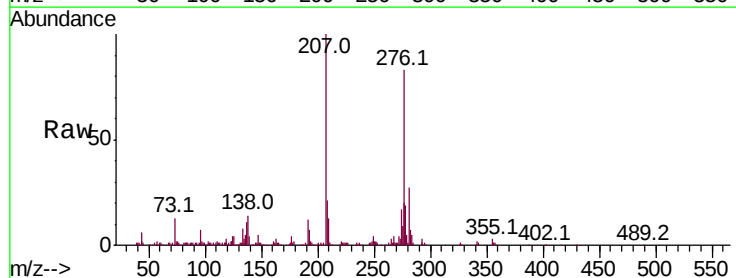
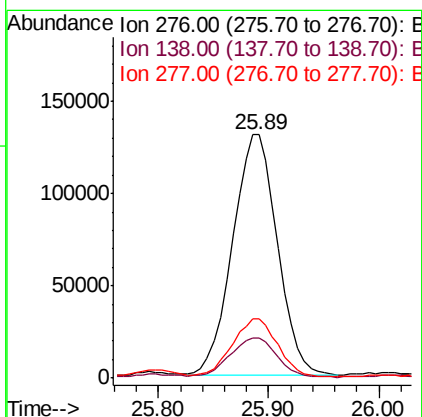
Manual Integrations
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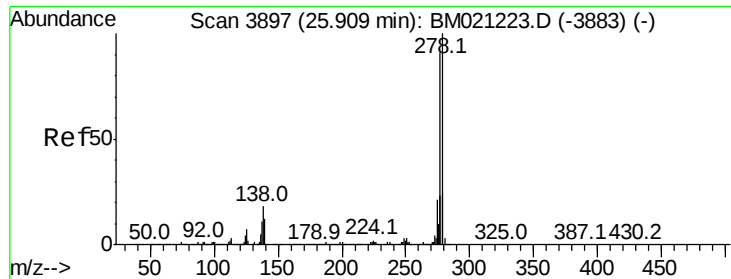
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#91
Indeno(1,2,3-cd)pyrene
Concen: 5.000 ng/ul
RT: 25.89 min Scan# 3894
Delta R.T. -0.01 min
Lab File: BM021224.D
Acq: 28 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	15.9	23.9
277	24.2	20.4	30.6





#92

Dibenzo(a,h)anthracene

Concen: 1.615 ng/ul

RT: 25.89 min Scan# 3894

Delta R.T. -0.02 min

Lab File: BM021224.D

Acq: 28 Jun 2019 10:49

Instrument :

BNA_M

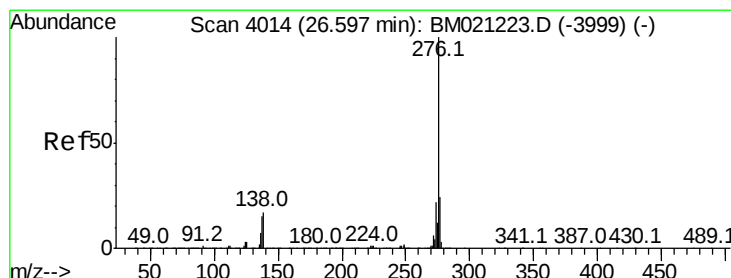
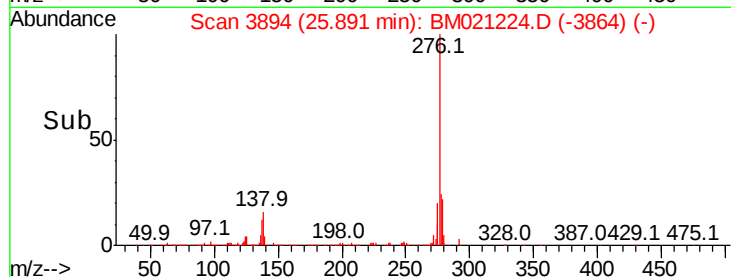
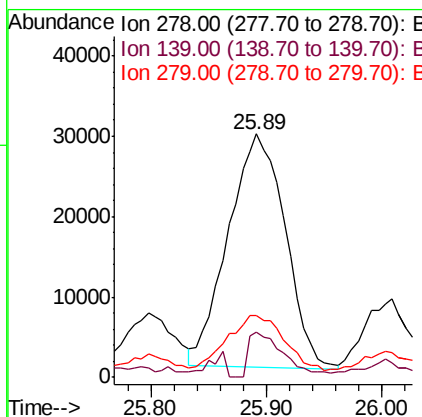
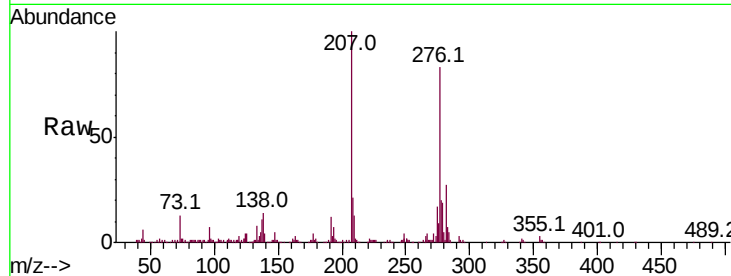
ClientSampleId :

C5AE1

Tot Ion:	278	Resp:	100019
Ion Ratio	Lower	Upper	
278	100		
139	18.6	10.6	15.8#
279	25.2	19.0	28.4

Manual Integrations
APPROVED

mohammad
7/1/2019 8:10:23 AM



#93

Benzo(g,h,i)perylene

Concen: 4.700 ng/ul

RT: 26.60 min Scan# 4014

Delta R.T. -0.01 min

Lab File: BM021224.D

Acq: 28 Jun 2019 10:49

Tgt Ion:	276	Resp:	285003
Ion Ratio	Lower	Upper	
276	100		
138	17.0	14.6	21.8
277	24.6	18.9	28.3

