

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020482.D
 Acq On : 22 May 2019 04:41
 Operator : JU/SJ
 Sample : K2923-07DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:45 AM

Quant Time: May 22 07:03:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 06:40:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	64287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	239031	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	144859	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	358658	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	397344	20.00	ng/ul	0.03
85) Perylene-d12	23.74	264	496841m	20.00	ng/ul	0.15

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1991	1.14	ng/uL	0.00
5) Phenol-d5	6.89	99	22615	4.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	13589	4.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	18971	5.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	15702	4.20	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	6552	4.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	7723	4.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	15815	4.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	10424	2.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	52527	5.04	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	66092	5.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	719m	0.48	ng/ul	0.02
57) Fluorene-d10	15.37	176	51377	5.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	2328	1.14	ng/ul	0.00
70) Anthracene-d10	17.22	188	79465	5.17	ng/ul	0.00
78) Pyrene-d10	19.53	212	101920	5.33	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.58	264	120776	5.35	ng/ul	0.14

Target Compounds

					Ovalue
44) Dimethylphthalate	13.83	163	19913	1.931 ng/ul	99
69) Phenanthrene	17.17	178	82187	4.809 ng/ul	99
76) Fluoranthene	19.19	202	150359	6.965 ng/ul	99
79) Pyrene	19.56	202	120444	5.050 ng/ul	98
82) Benzo(a)anthracene	21.33	228	62747	2.624 ng/ul	93
84) Chrysene	21.38	228	64058	2.803 ng/ul	92
87) Benzo(b)fluoranthene	23.02	252	91609m	3.231 ng/ul	
88) Benzo(k)fluoranthene	23.04	252	29553m	1.061 ng/ul	
90) Benzo(a)pyrene	23.64	252	50621	1.897 ng/ul#	80

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

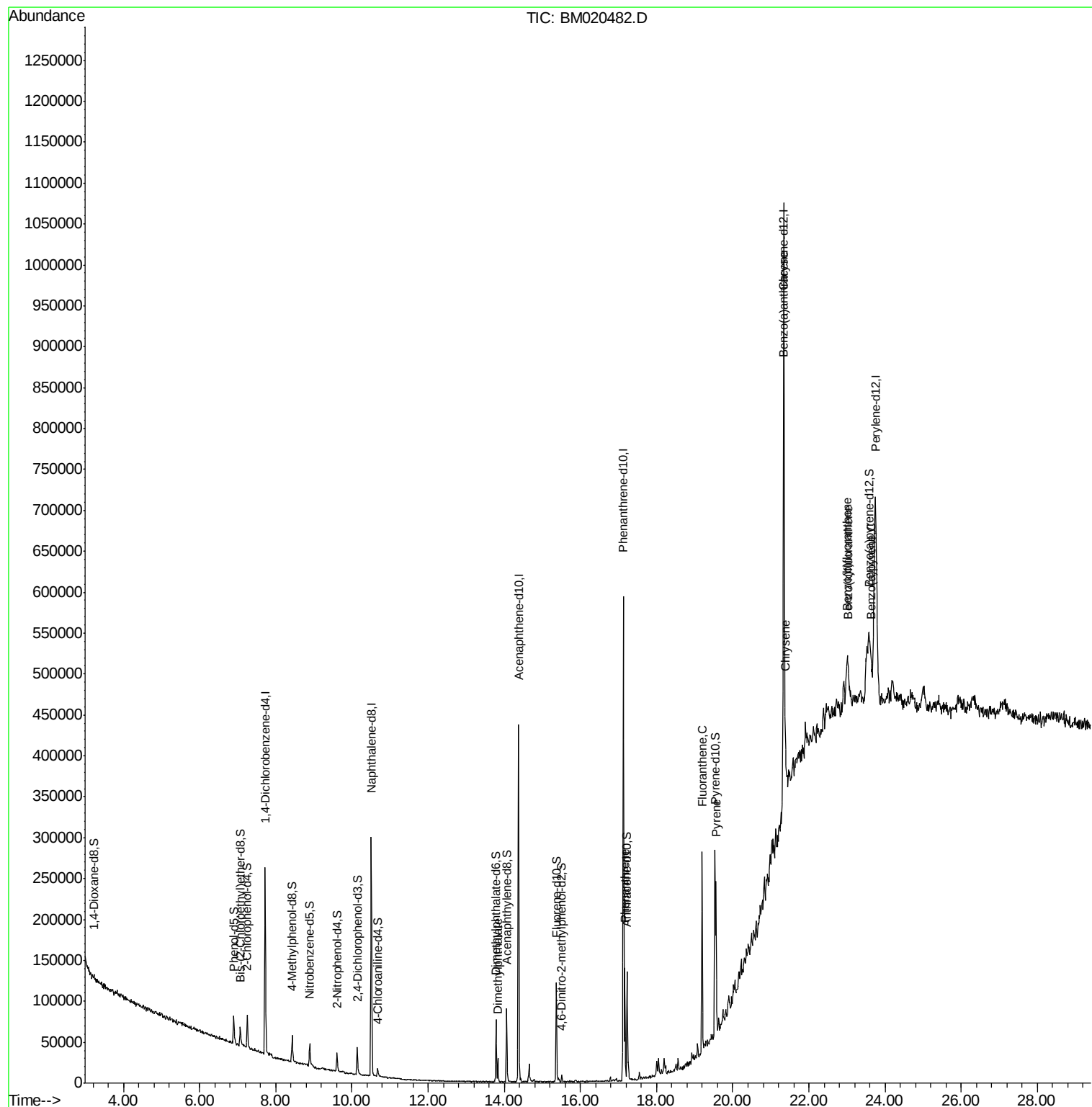
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020482.D
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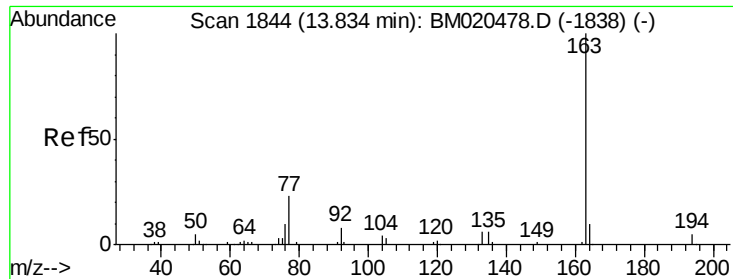
Instrument :
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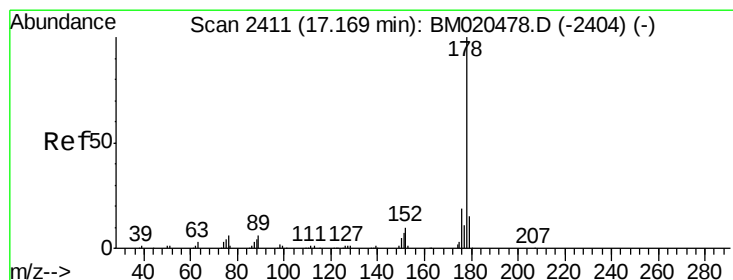
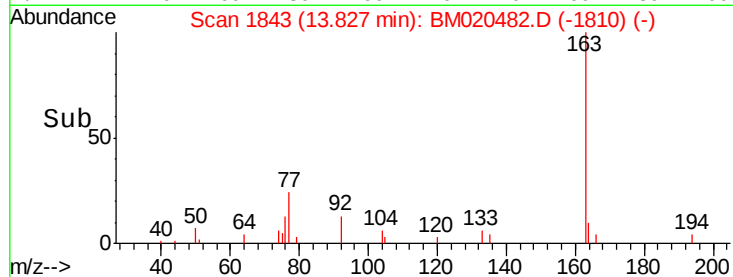
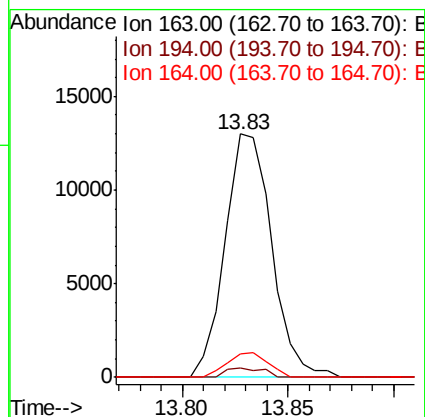
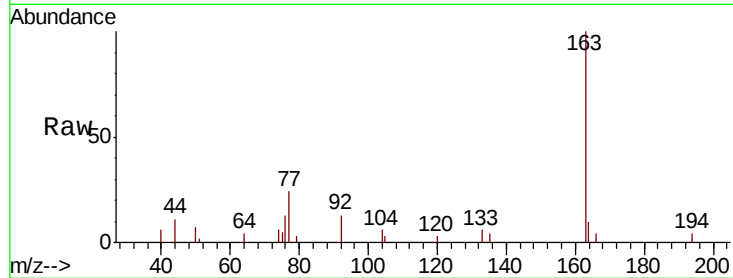
#44
Dimethylphthalate
Concen: 1.931 ng/ul
RT: 13.83 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BM020482.D
Acq: 22 May 2019 04:41

Instrument :
BNA_M
ClientSampleId :
A4254DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	19913		
194	3.7		3.3	4.9
164	9.5		8.0	12.0

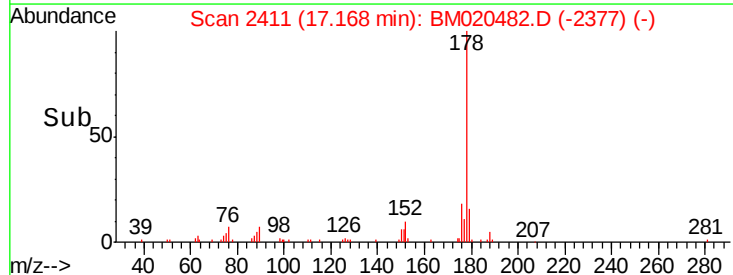
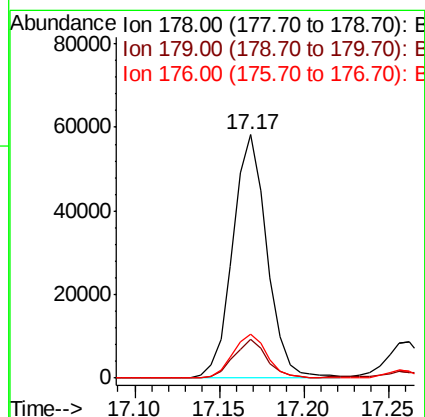
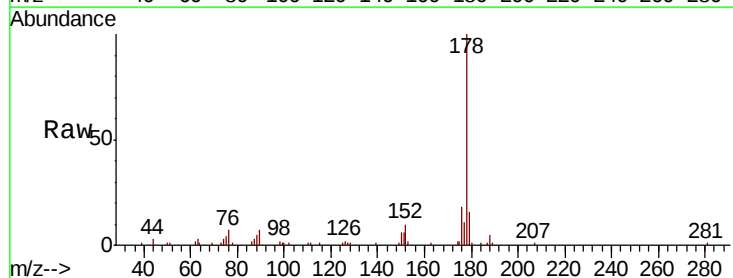
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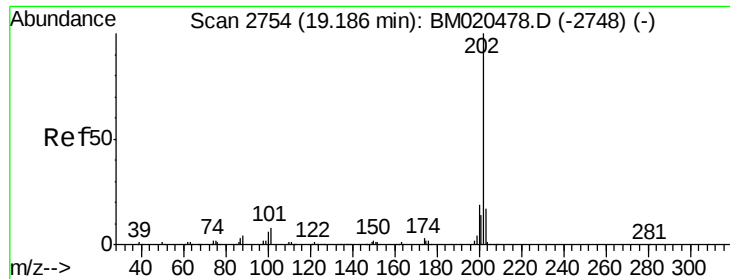
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#69
Phenanthrene
Concen: 4.809 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BM020482.D
Acq: 22 May 2019 04:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	82187		
179	16.0		11.9	17.9
176	18.2		14.6	22.0





#76

Fluoranthene

Concen: 6.965 ng/ul

RT: 19.19 min Scan# 2755

Delta R.T. 0.01 min

Lab File: BM020482.D

Acq: 22 May 2019 04:41

Instrument :

BNA_M

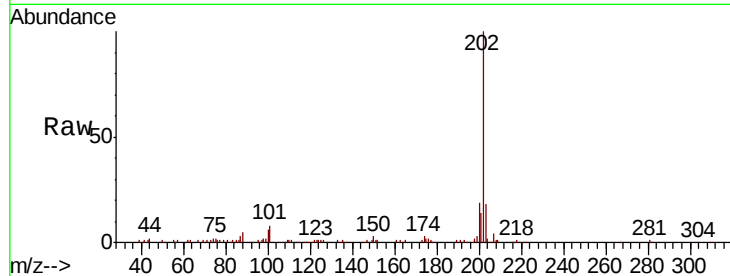
ClientSampleId :

A4254DL

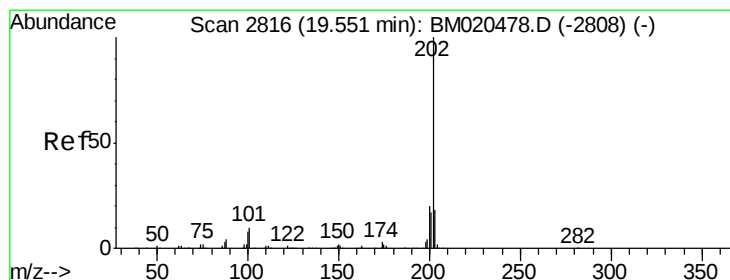
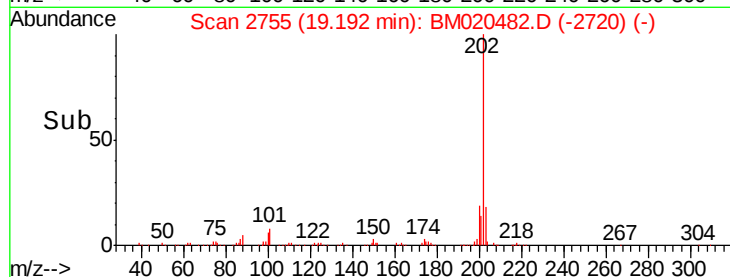
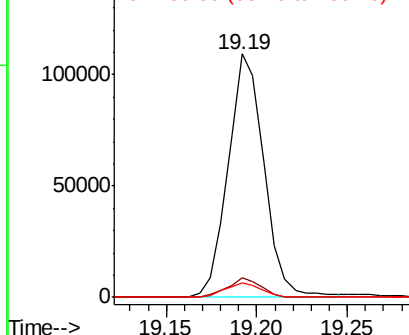
Tot Ion:	202	Resp:	150359
Ion Ratio	Lower	Upper	
202	100		
101	8.0	6.4	9.6
100	6.1	5.2	7.8

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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: 5.050 ng/ul

RT: 19.56 min Scan# 2818

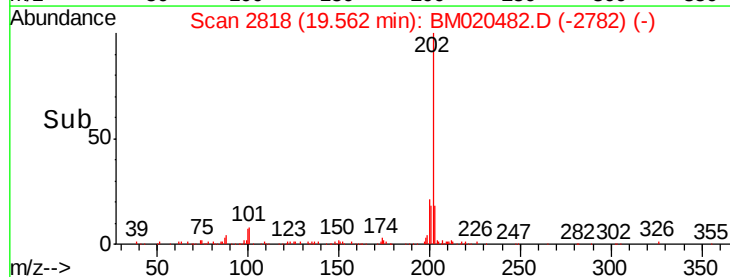
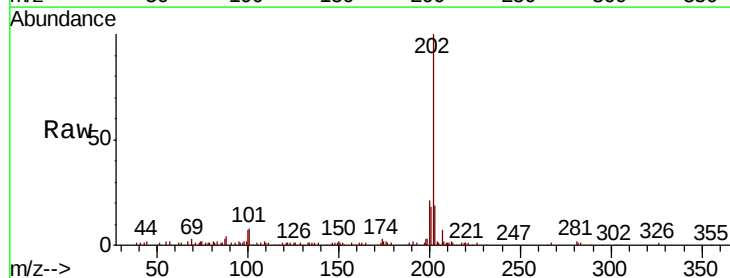
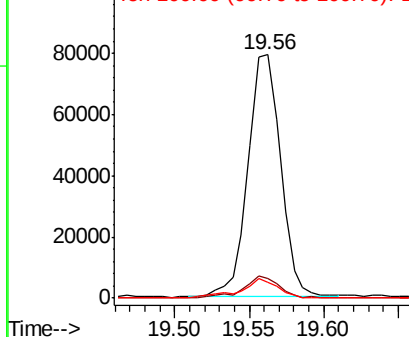
Delta R.T. 0.01 min

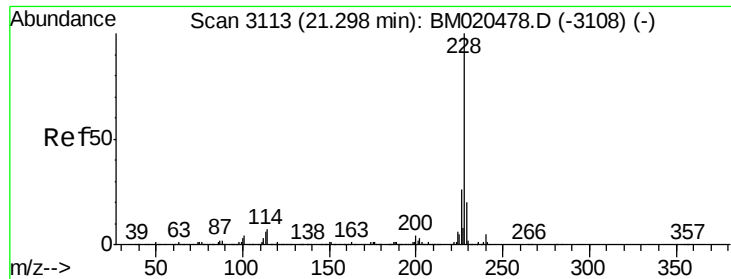
Lab File: BM020482.D

Acq: 22 May 2019 04:41

Tgt Ion:	202	Resp:	120444
Ion Ratio	Lower	Upper	
202	100		
101	7.9	7.1	10.7
100	6.6	5.9	8.9

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





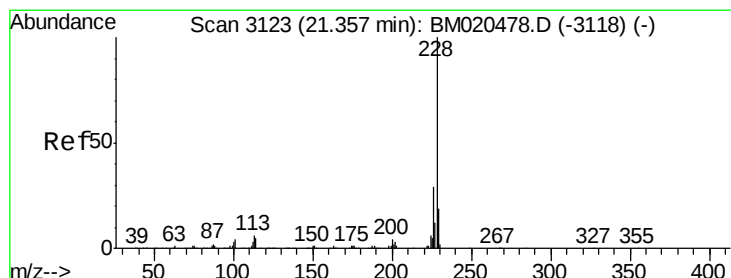
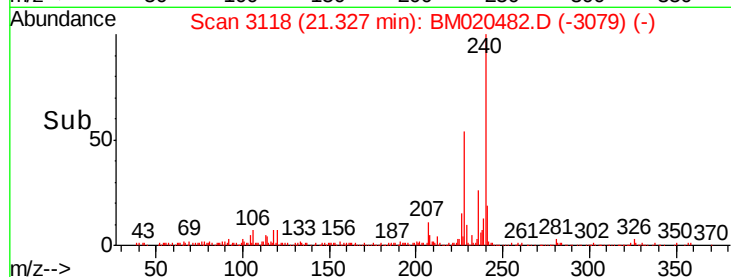
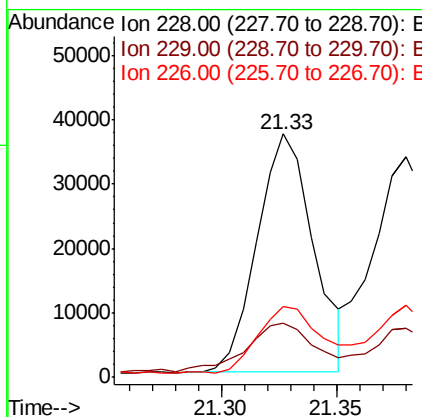
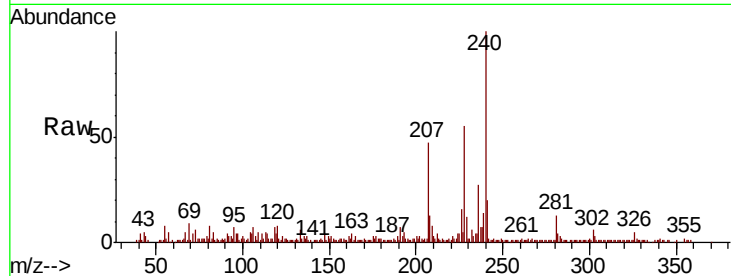
#82
Benzo(a)anthracene
Concen: 2.624 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. 0.03 min
Lab File: BM020482.D
Acq: 22 May 2019 04:41

Instrument :
BNA_M
ClientSampleId :
A4254DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.8	23.8
226	29.3	20.6	30.8

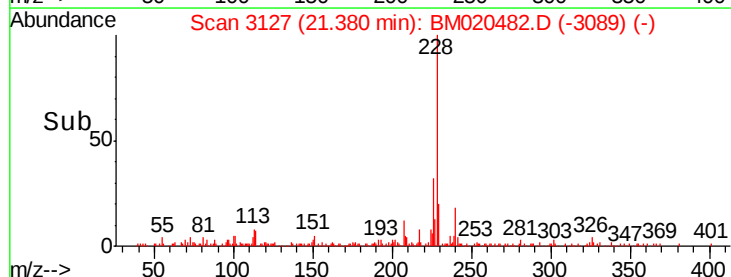
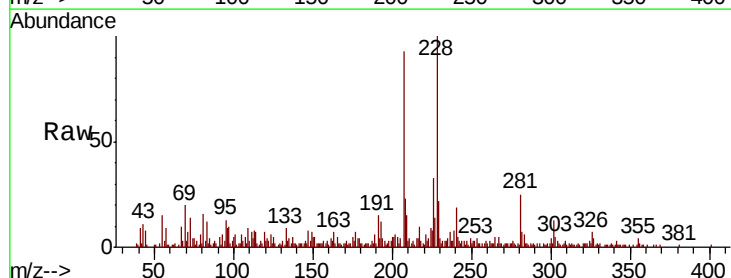
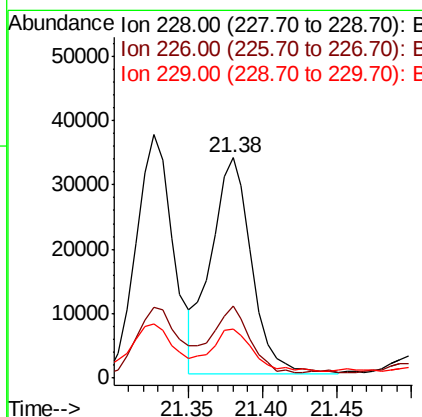
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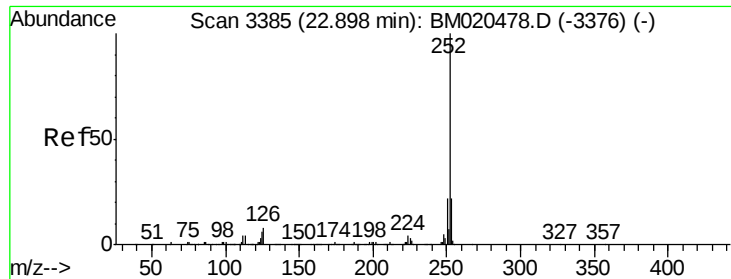
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#84
Chrysene
Concen: 2.803 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. 0.02 min
Lab File: BM020482.D
Acq: 22 May 2019 04:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.2	33.4
229	22.3	15.4	23.2





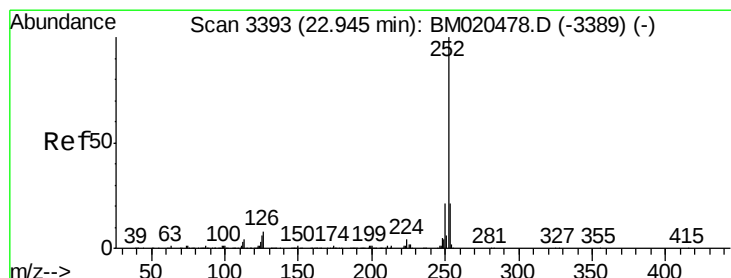
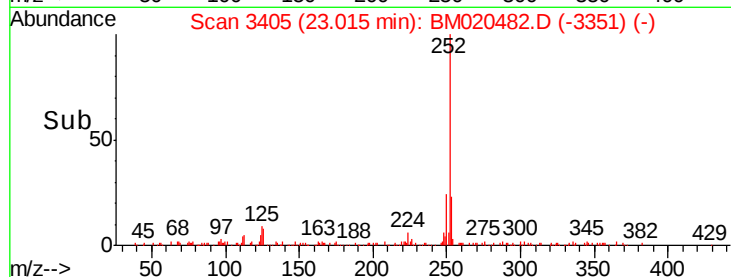
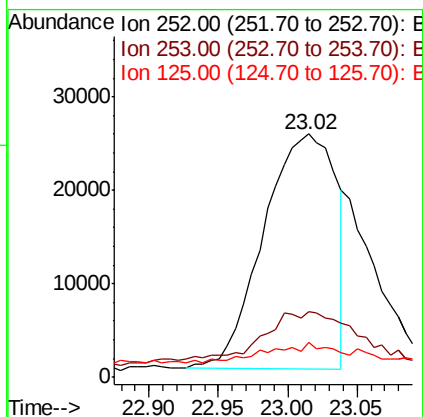
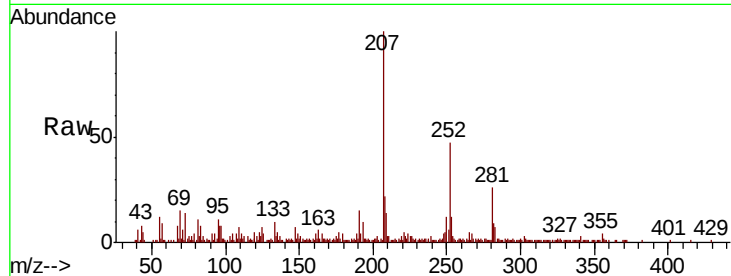
#87
Benzo(b)fluoranthene
Concen: 3.231 ng/ul m
RT: 23.02 min Scan# 3405
Delta R.T. 0.12 min
Lab File: BM020482.D
Acq: 22 May 2019 04:41

Instrument :
BNA_M
ClientSampleId :
A4254DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.0	25.6#
125	14.2	5.0	7.4#

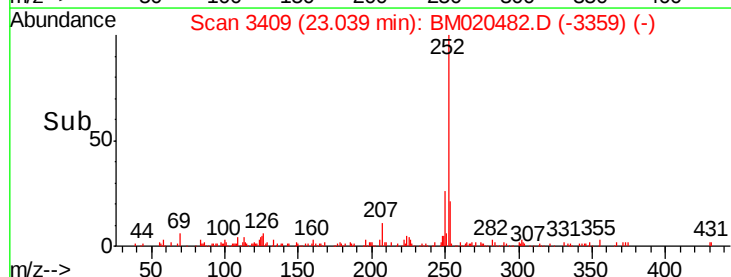
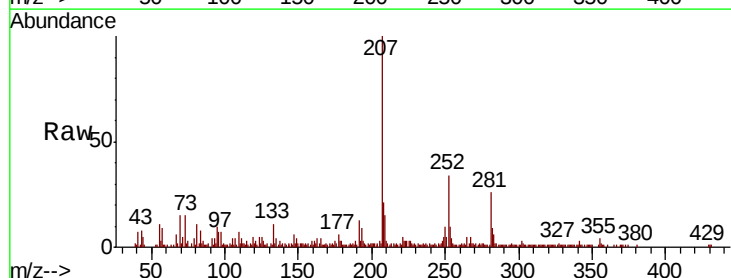
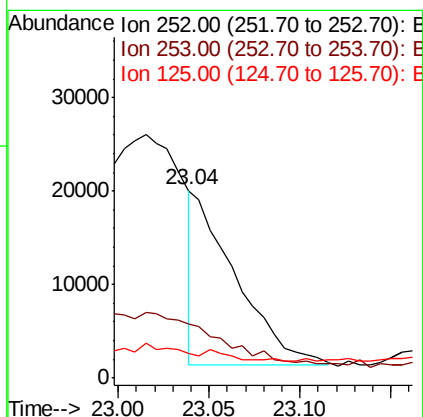
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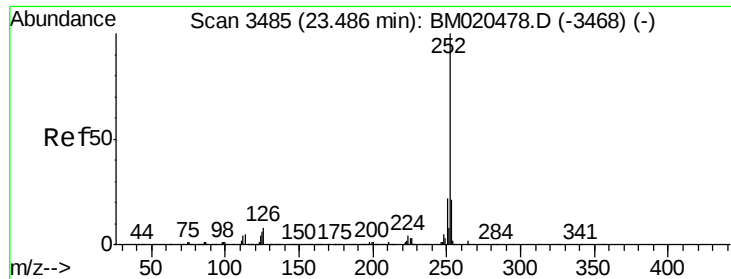
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#88
Benzo(k)fluoranthene
Concen: 1.061 ng/ul m
RT: 23.04 min Scan# 3409
Delta R.T. 0.09 min
Lab File: BM020482.D
Acq: 22 May 2019 04:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.6	26.4#
125	13.3	5.0	7.6#





#90
 Benzo(a)pyrene
 Concen: 1.897 ng/ul
 RT: 23.64 min Scan# 3511
 Delta R.T. 0.15 min
 Lab File: BM020482.D
 Acq: 22 May 2019 04:41

Instrument :
 BNA_M
 ClientSampleId :
 A4254DL

Tot Ion:	252	Resp:	50621
Ion Ratio	Lower	Upper	
252	100		
253	29.5	17.4	26.2#
125	17.4	5.4	8.2#

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