

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
 Data File : BN005898.D
 Acq On : 24 May 2019 20:01
 Operator : JU/SJ
 Sample : K2924-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4277

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:54:44 AM

Quant Time: May 24 21:13:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	76673	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.32	136	323222	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	225433	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	588440	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	642021	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	680468	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	9173	6.70	ng/uL	-0.01
5) Phenol-d5	6.76	99	171698	28.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	100038	32.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	149667	31.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	119508	23.58	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	76783	32.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	81419	30.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	157626	30.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	136670	23.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	609644	35.15	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	711497	33.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	50282m	20.58	ng/ul	0.04
57) Fluorene-d10	15.20	176	543901	36.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	44123	12.47	ng/ul	0.01
70) Anthracene-d10	17.06	188	829345	32.62	ng/ul	0.00
78) Pyrene-d10	19.37	212	1045190	33.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	1010605	33.11	ng/ul	0.00

Target Compounds				Ovalue		
44) Dimethylphthalate	13.66	163	186842	10.925	ng/ul	98
69) Phenanthrene	17.00	178	63731	2.185	ng/ul	99
76) Fluoranthene	19.04	202	102486	2.842	ng/ul#	90
79) Pyrene	19.40	202	88326	2.240	ng/ul#	85
82) Benzo(a)anthracene	21.18	228	51153	1.265	ng/ul	98
84) Chrysene	21.23	228	50667	1.329	ng/ul	97
87) Benzo(b)fluoranthene	22.75	252	56057	1.497	ng/ul#	93
90) Benzo(a)pyrene	23.30	252	39151m	1.080	ng/ul	

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

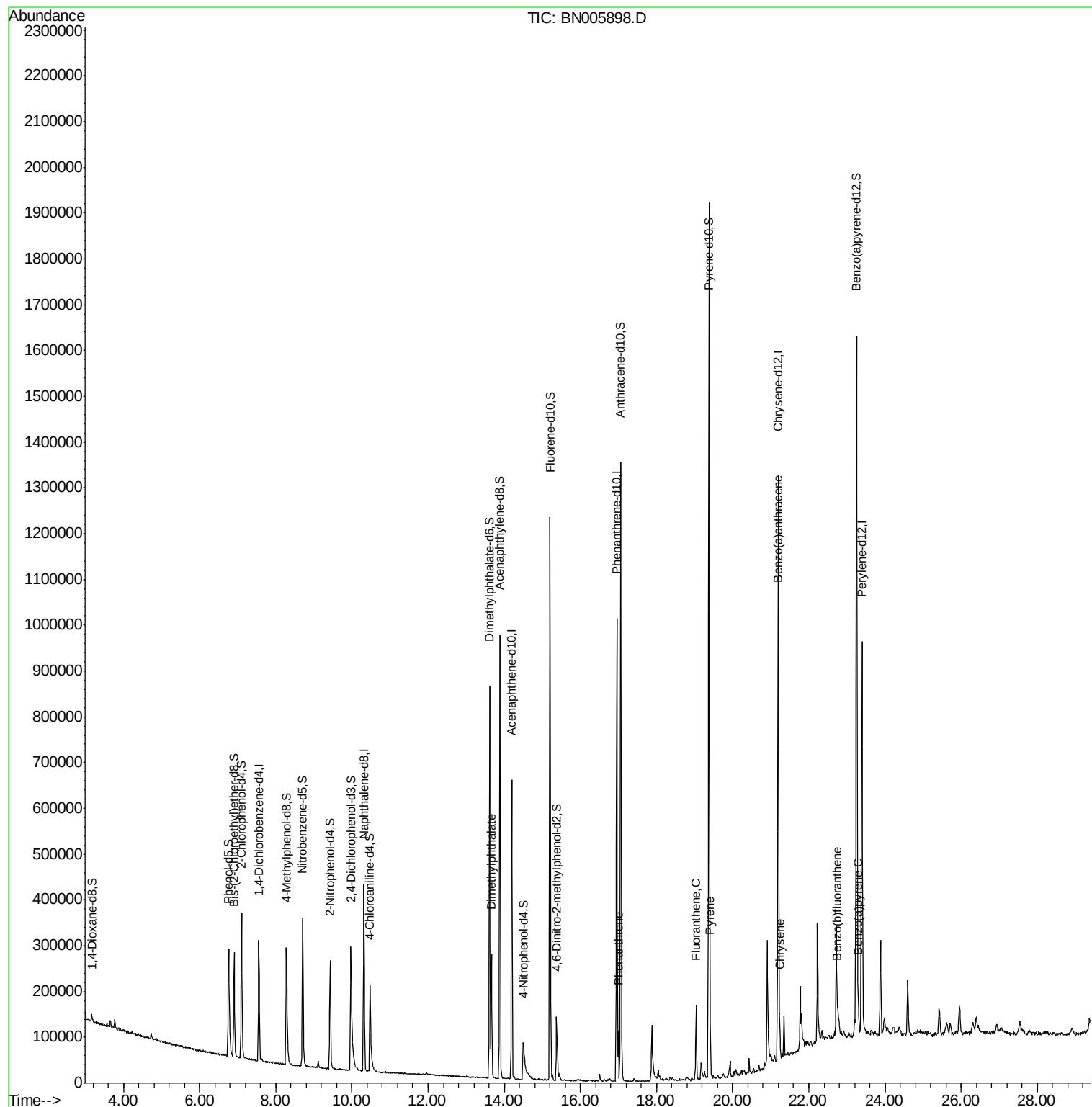
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\
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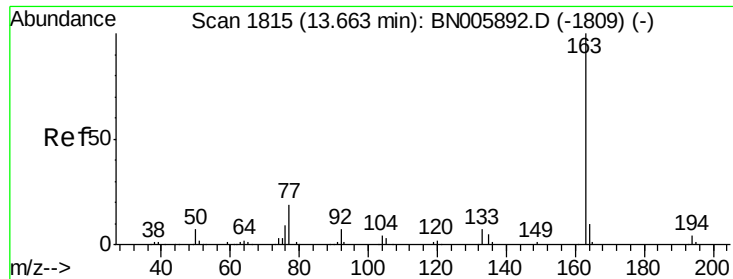
Instrument :
BNA_N
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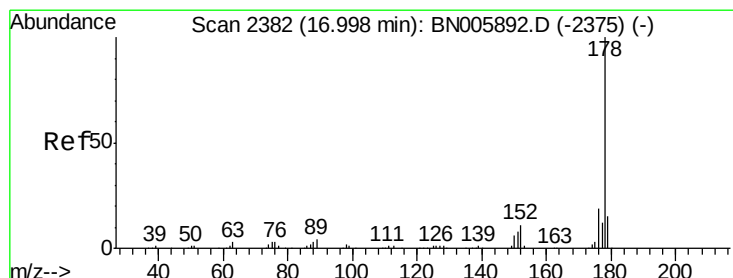
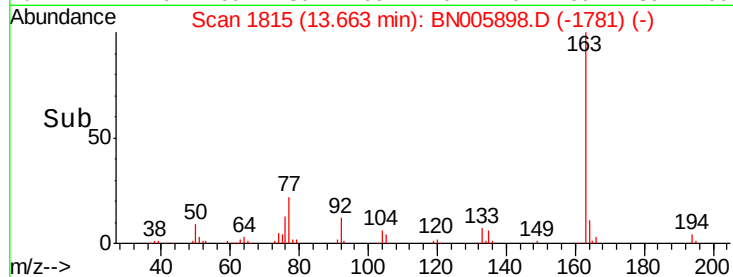
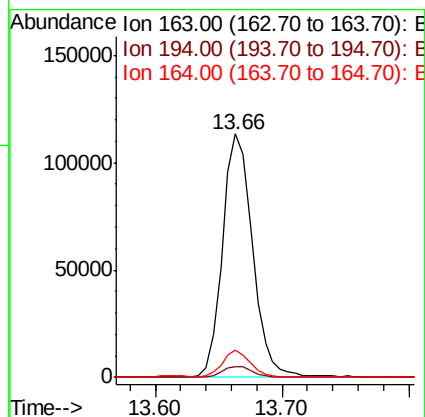
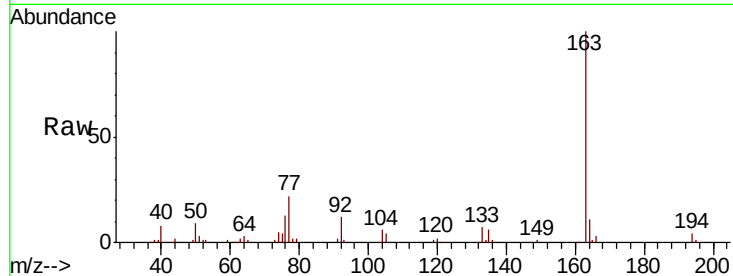
#44
Dimethylphthalate
Concen: 10.925 ng/ul
RT: 13.66 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BN005898.D
Acq: 24 May 2019 20:01

Instrument :
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A4277

Tot Ion	Ratio	Resp	Lower	Upper
163	100	186842		
194	4.4		3.4	5.0
164	11.2		8.1	12.1

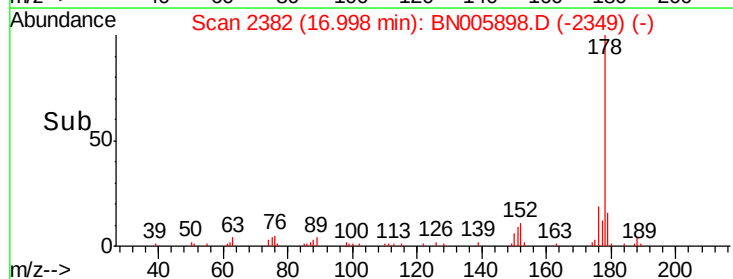
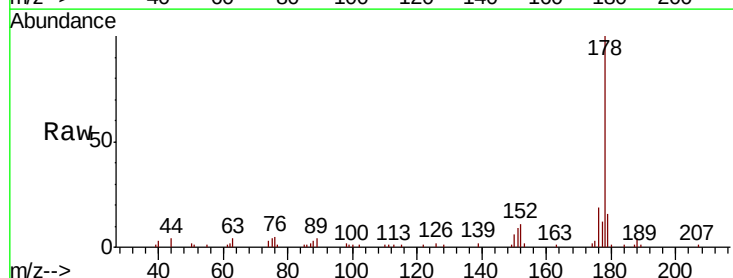
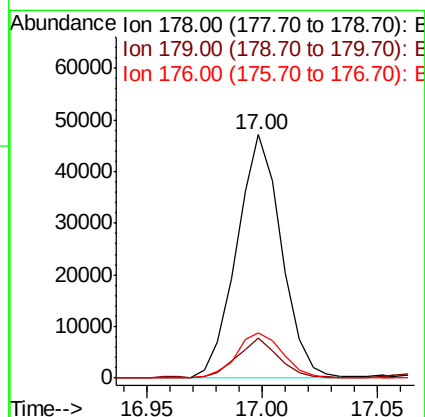
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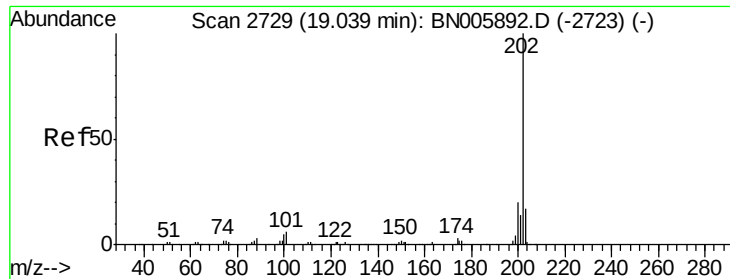
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#69
Phenanthrene
Concen: 2.185 ng/ul
RT: 17.00 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN005898.D
Acq: 24 May 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	63731		
179	16.4		12.2	18.4
176	18.8		15.1	22.7





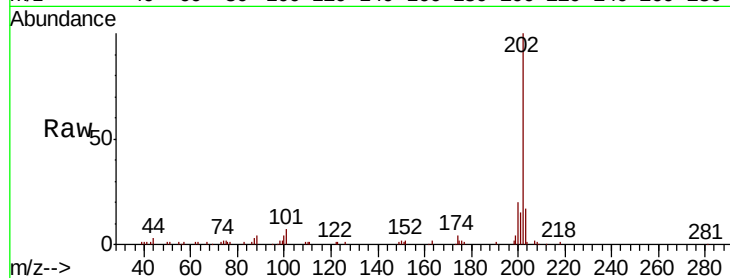
#76
 Fluoranthene
 Concen: 2.842 ng/ul
 RT: 19.04 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BN005898.D
 Acq: 24 May 2019 20:01

Instrument :
 BNA_N
 ClientSampleId :
 A4277

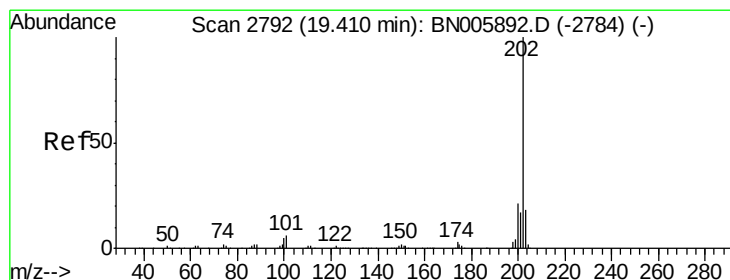
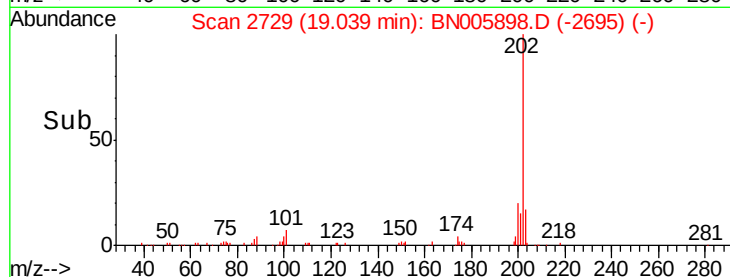
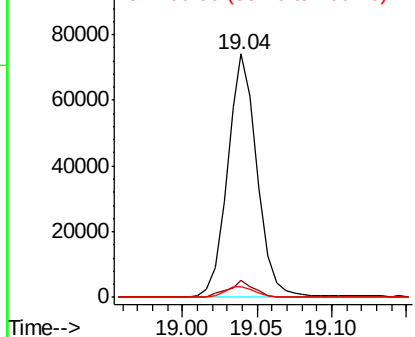
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.8	8.6	12.8#
100	4.3	6.3	9.5#

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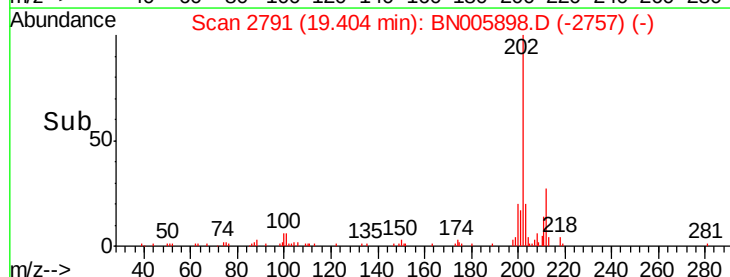
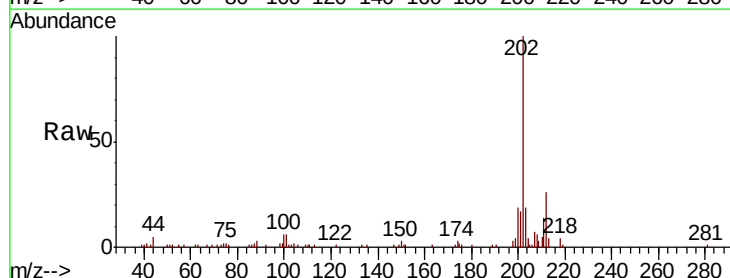
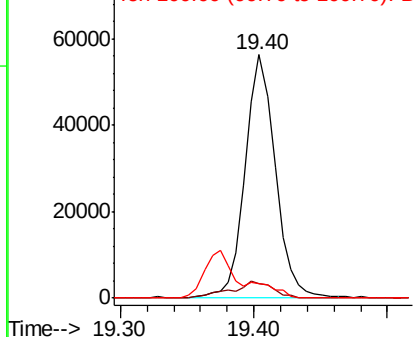
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

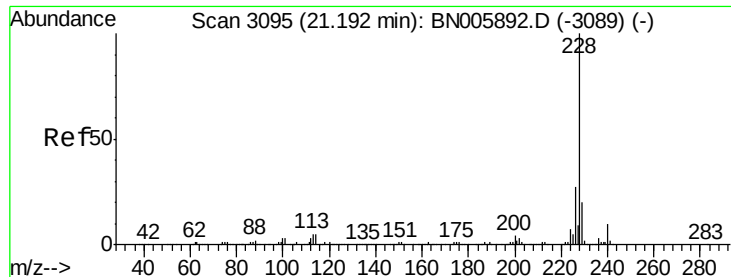


#79
 Pyrene
 Concen: 2.240 ng/ul
 RT: 19.40 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BN005898.D
 Acq: 24 May 2019 20:01

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	5.9	10.3	15.5#
100	5.9	7.9	11.9#

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: 1.265 ng/ul

RT: 21.18 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BN005898.D

Acq: 24 May 2019 20:01

Instrument :

BNA_N

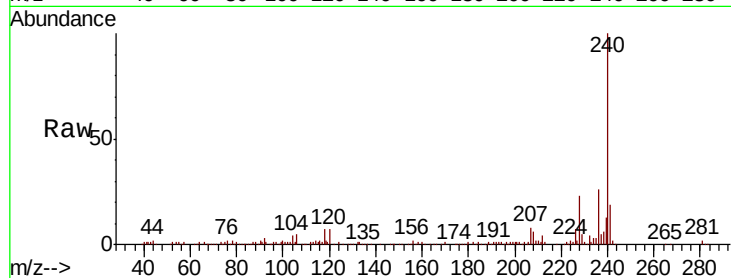
ClientSampleId :

A4277

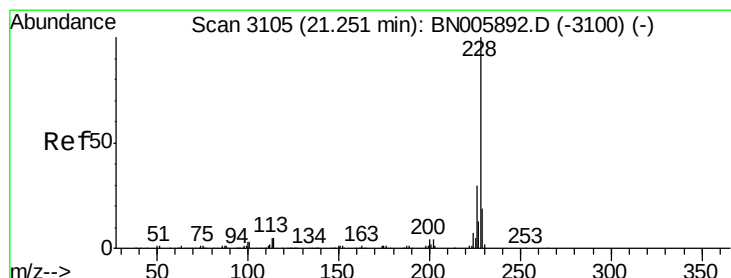
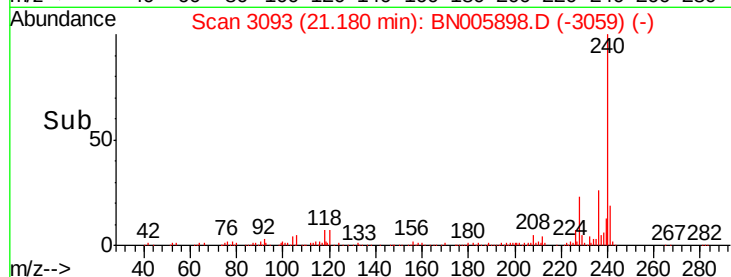
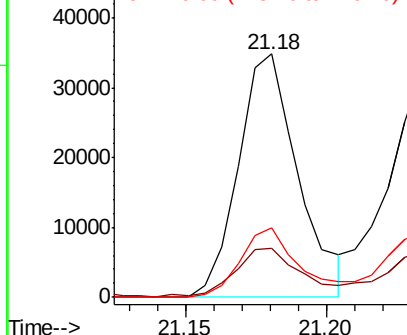
Tot Ion:	228	Resp:	51153
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.8	23.6
226	28.6	21.4	32.2

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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



#84

Chrysene

Concen: 1.329 ng/ul

RT: 21.23 min Scan# 3102

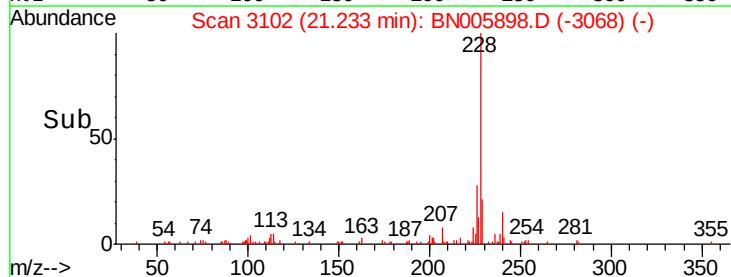
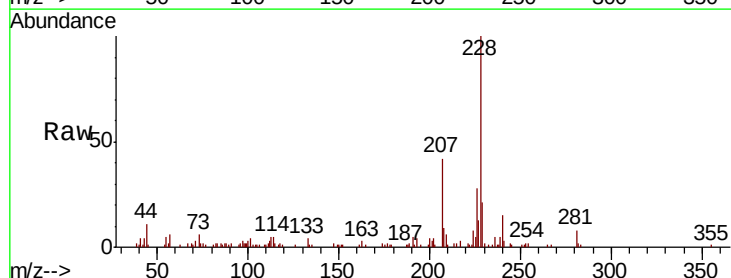
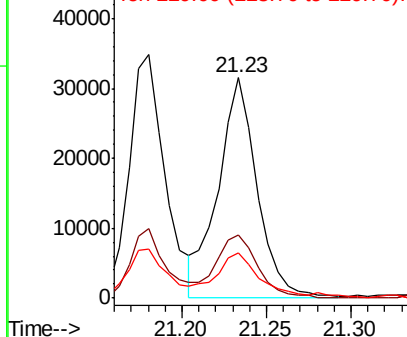
Delta R.T. 0.00 min

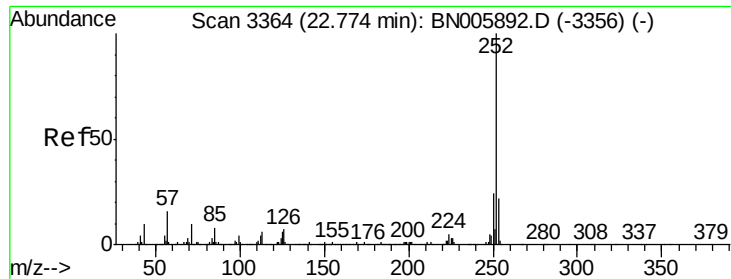
Lab File: BN005898.D

Acq: 24 May 2019 20:01

Tgt Ion:	228	Resp:	50667
Ion Ratio	Lower	Upper	
228	100		
226	28.4	24.0	36.0
229	20.6	15.4	23.0

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 1.497 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BN005898.D

Acq: 24 May 2019 20:01

Instrument :

BNA_N

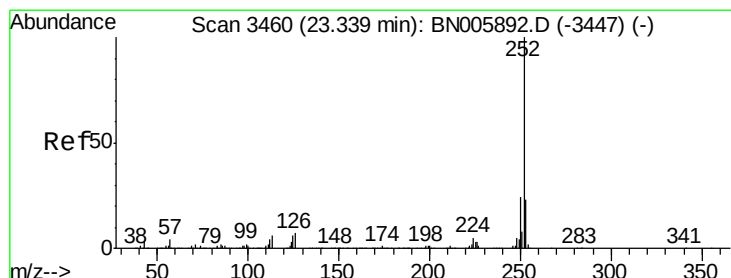
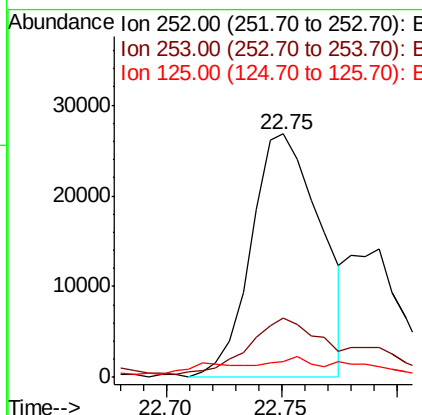
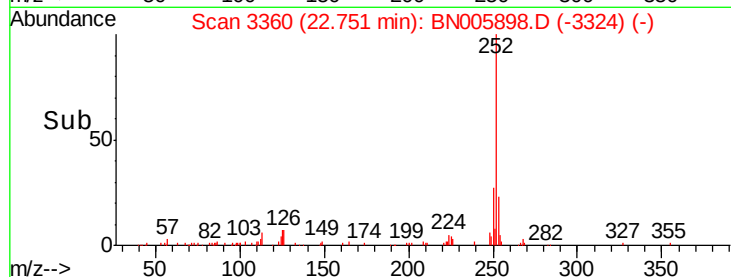
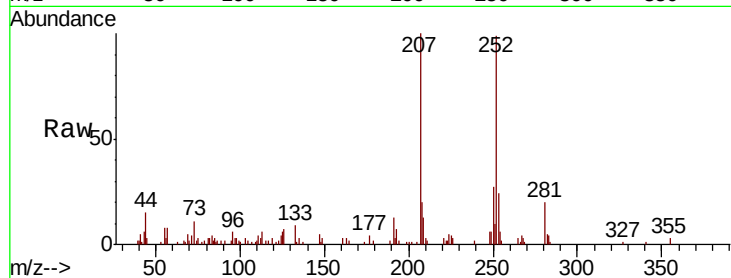
ClientSampleId :

A4277

Tot Ion:	252	Resp:	56057
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.7	26.5
125	6.5	8.4	12.6#

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#90

Benzo(a)pyrene

Concen: 1.080 ng/ul m

RT: 23.30 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BN005898.D

Acq: 24 May 2019 20:01

Tgt Ion:	252	Resp:	39151
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	7.4	8.6	13.0#

