

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005946.D
 Acq On : 30 May 2019 00:18
 Operator : JU/SJ
 Sample : K2924-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4278

Manual Integrations
 APPROVED

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Quant Time: May 30 14:27:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 02:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	569027	20.00	ng/ul	0.01
18) Naphthalene-d8	10.52	136	2516516	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.38	164	1412233	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	2956028	20.00	ng/ul	0.02
77) Chrysene-d12	21.35	240	1901823	20.00	ng/ul	0.02
85) Perylene-d12	23.62	264	2019014	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	68855	5.32	ng/uL	0.00
5) Phenol-d5	6.91	99	1387358	27.51	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	843378	29.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	1148054	29.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	1088726	26.74	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	580657	35.95	ng/ul	0.01
22) 2-Nitrophenol-d4	9.61	143	477561	31.75	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	1100716	30.99	ng/ul	0.02
29) 4-Chloroaniline-d4	10.66	131	1112736	23.90	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	3265389	31.36	ng/ul	0.01
46) Acenaphthylene-d8	14.08	160	4129360	31.71	ng/ul	0.02
51) 4-Nitrophenol-d4	14.59	143	437874	23.11	ng/ul	0.03
57) Fluorene-d10	15.38	176	3002579	34.39	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	15790	1.31	ng/ul	0.03
70) Anthracene-d10	17.24	188	4029643	32.03	ng/ul	0.02
78) Pyrene-d10	19.54	212	3573348	37.20	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.48	264	2766296	30.71	ng/ul	0.03

Target Compounds

				Ovalue	
44) Dimethylphthalate	13.84	163	1043599	10.029	ng/ul 99
69) Phenanthrene	17.18	178	525820	3.590	ng/ul 100
76) Fluoranthene	19.20	202	1042806	6.670	ng/ul# 92
79) Pyrene	19.57	202	863898	7.171	ng/ul# 94
82) Benzo(a)anthracene	21.33	228	385199	3.222	ng/ul# 91
84) Chrysene	21.38	228	438545m	3.933	ng/ul
87) Benzo(b)fluoranthene	22.94	252	511795	4.513	ng/ul# 83
88) Benzo(k)fluoranthene	22.98	252	192823m	1.849	ng/ul
90) Benzo(a)pyrene	23.52	252	338831	3.168	ng/ul# 82
91) Indeno(1,2,3-cd)pyrene	25.92	276	245214	1.954	ng/ul# 86
93) Benzo(g,h,i)perylene	26.62	276	166494	1.575	ng/ul# 79

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

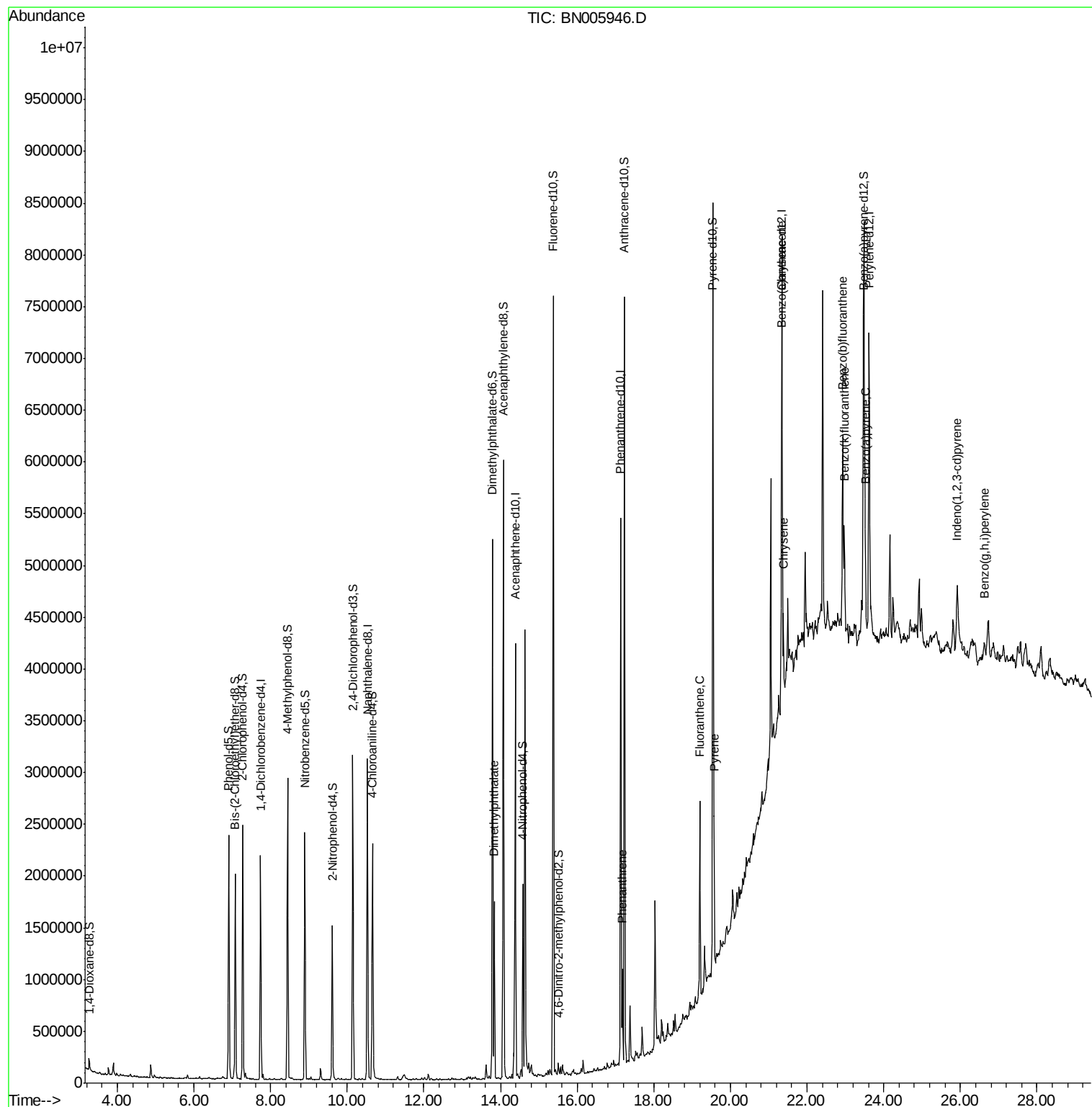
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
Data File : BN005946.D
Acq On : 30 May 2019 00:18
Operator : JU/SJ
Sample : K2924-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

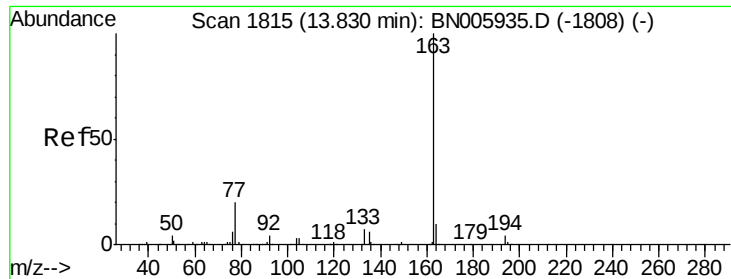
Instrument :
BNA_N
ClientSampled :
A4278

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Quant Time: May 30 14:27:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
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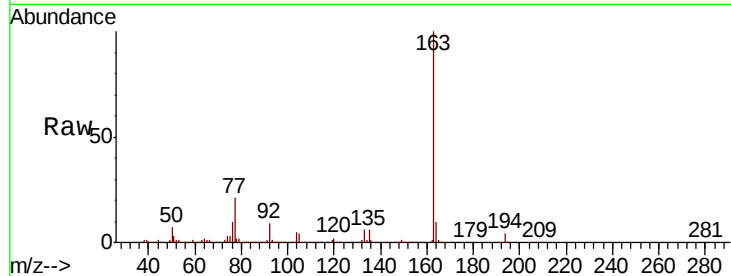
#44
Dimethylphthalate
Concen: 10.029 ng/ul
RT: 13.84 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BN005946.D
Acq: 30 May 2019 00:18

Instrument :
BNA_N
ClientSampled :
A4278

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.9	8.1	12.1

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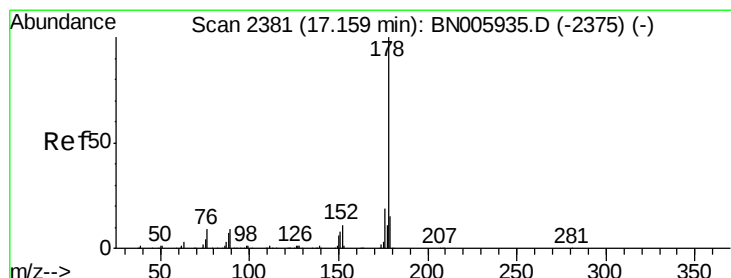
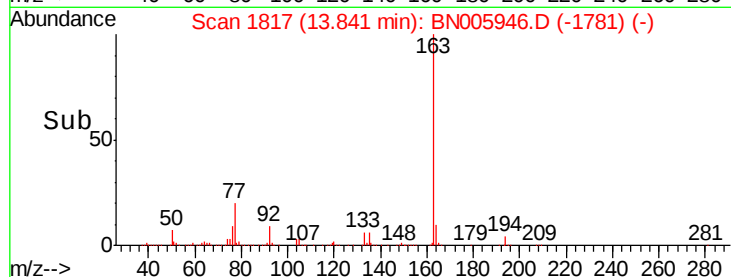
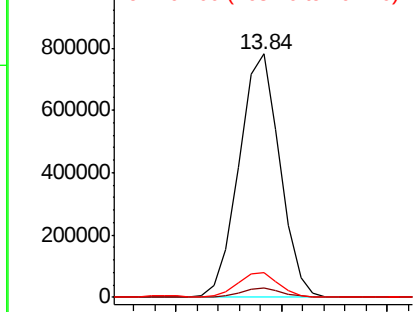


Abundance

Ion 163.00 (162.70 to 163.70): E

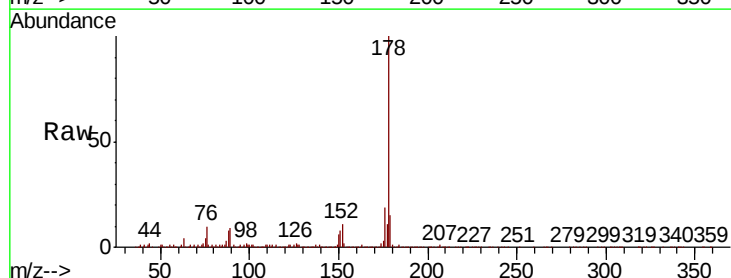
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 3.590 ng/ul
RT: 17.18 min Scan# 2384
Delta R.T. 0.02 min
Lab File: BN005946.D
Acq: 30 May 2019 00:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.0	15.1	22.7

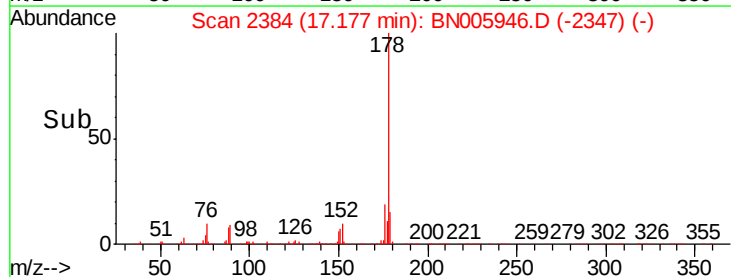
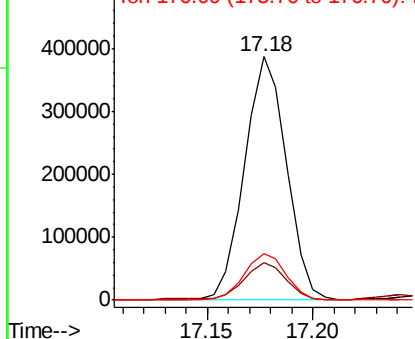


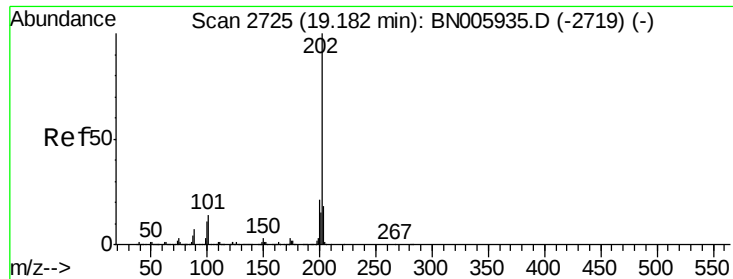
Abundance

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





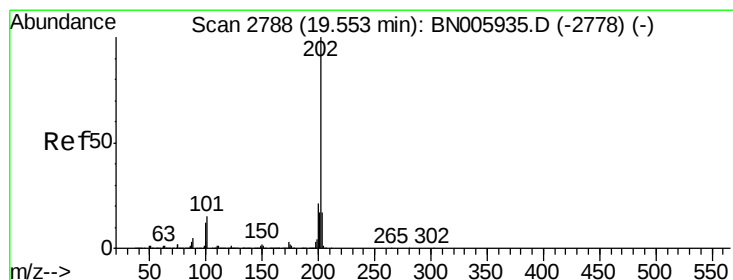
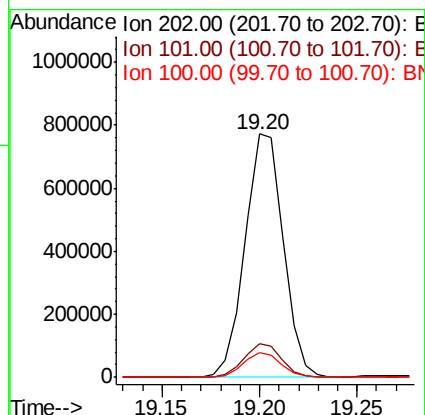
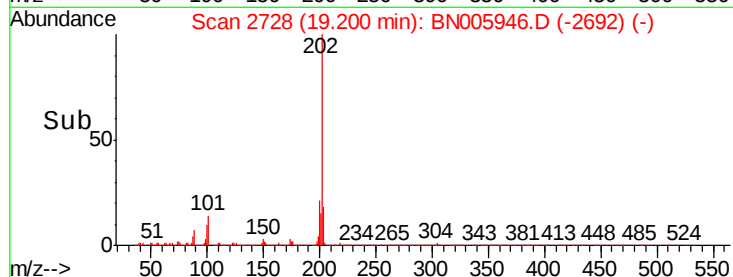
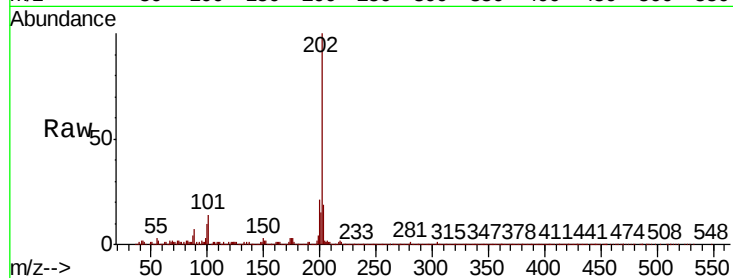
#76
Fluoranthene
Concen: 6.670 ng/ul
RT: 19.20 min Scan# 2728
Delta R.T. 0.01 min
Lab File: BN005946.D
Acq: 30 May 2019 00:18

Instrument :
BNA_N
ClientSampled :
A4278

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	8.6	12.8#
100	10.4	6.3	9.5#

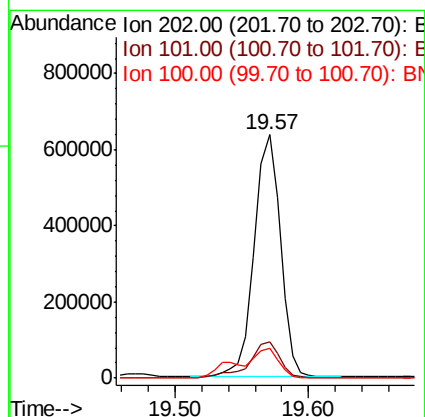
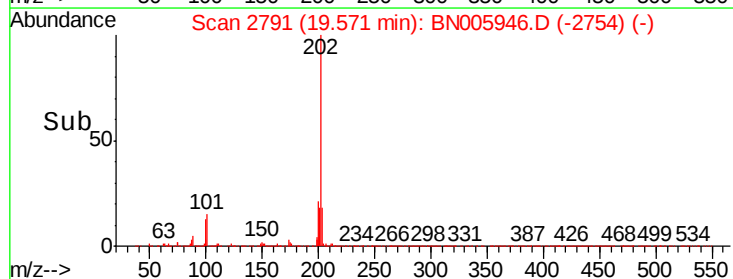
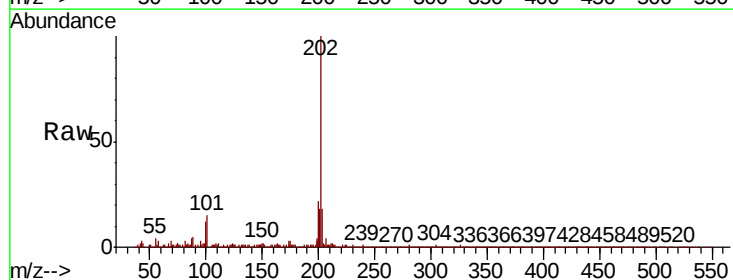
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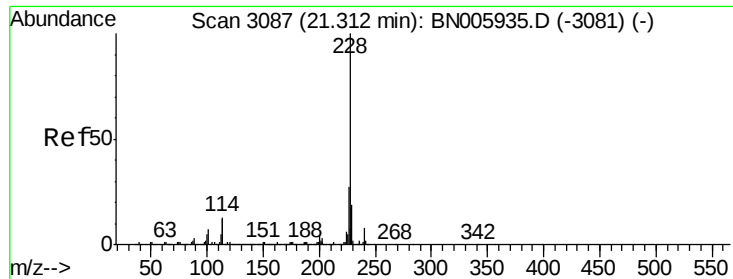
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#79
Pyrene
Concen: 7.171 ng/ul
RT: 19.57 min Scan# 2791
Delta R.T. 0.02 min
Lab File: BN005946.D
Acq: 30 May 2019 00:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	10.3	15.5
100	12.3	7.9	11.9#





#82

Benzo(a)anthracene

Concen: 3.222 ng/ul

RT: 21.33 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BN005946.D

Acq: 30 May 2019 00:18

Instrument :

BNA_N

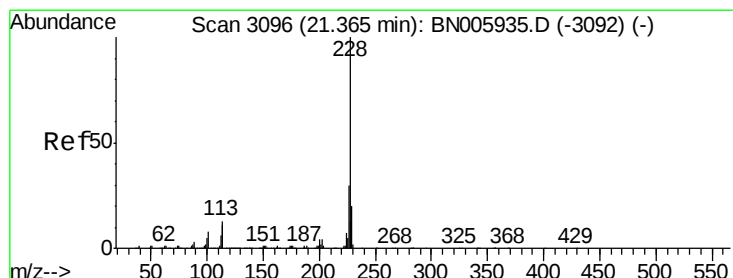
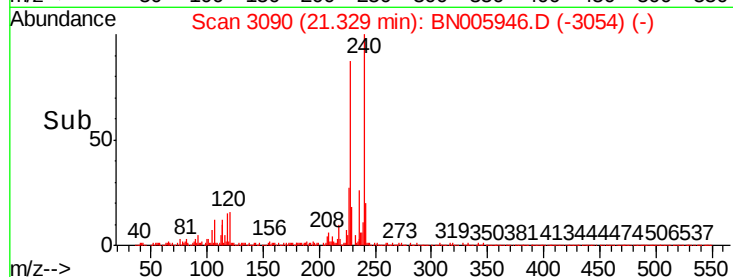
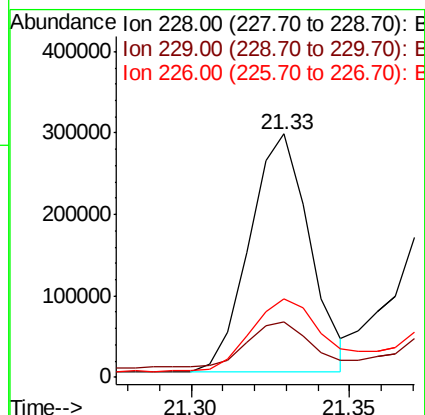
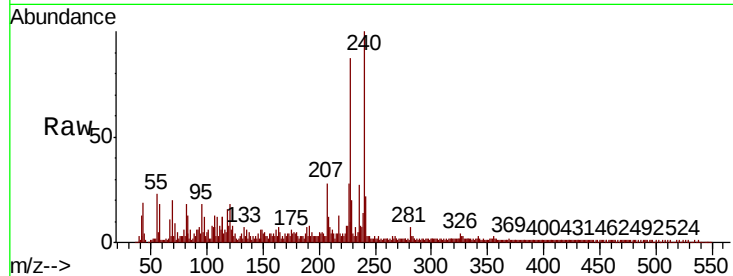
ClientSampleId :

A4278

Tot Ion:	228	Resp:	385199
Ion Ratio	Lower	Upper	
228	100		
229	23.0	15.8	23.6
226	32.2	21.4	32.2#

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#84

Chrysene

Concen: 3.933 ng/ul m

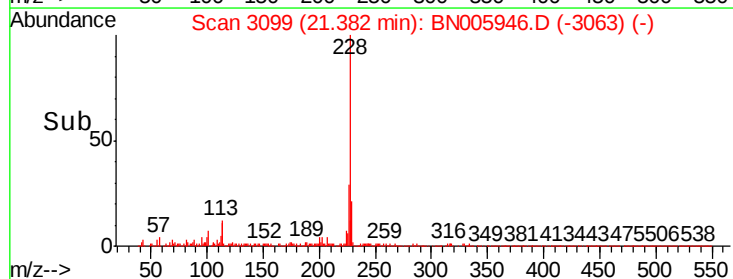
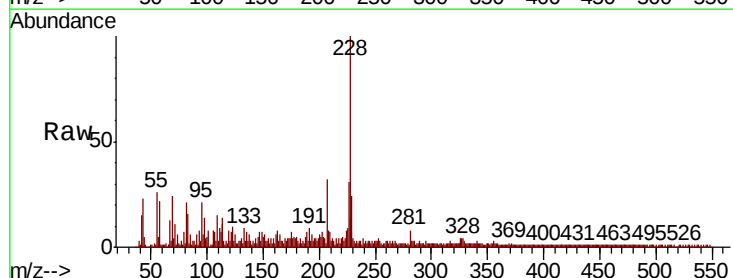
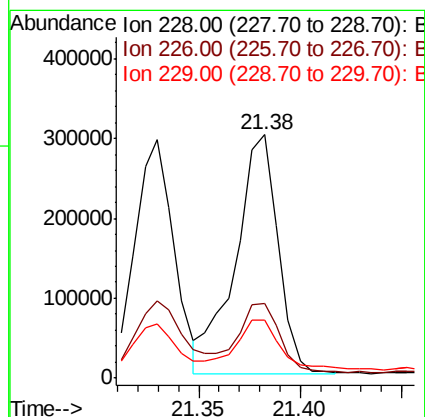
RT: 21.38 min Scan# 3099

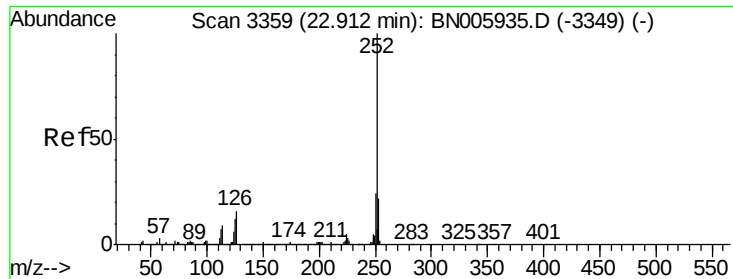
Delta R.T. 0.01 min

Lab File: BN005946.D

Acq: 30 May 2019 00:18

Tgt Ion:	228	Resp:	438545
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.0	36.0
229	23.8	15.4	23.0#





#87

Benzo(b)fluoranthene

Concen: 4.513 ng/ul

RT: 22.94 min Scan# 3363

Delta R.T. 0.02 min

Lab File: BN005946.D

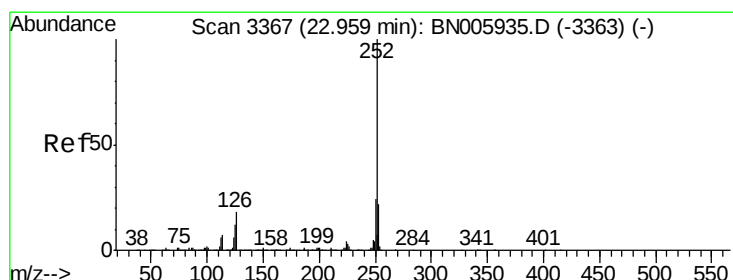
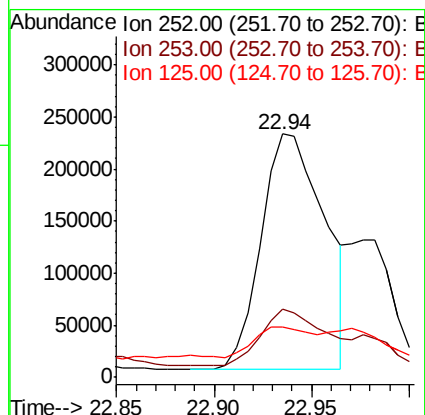
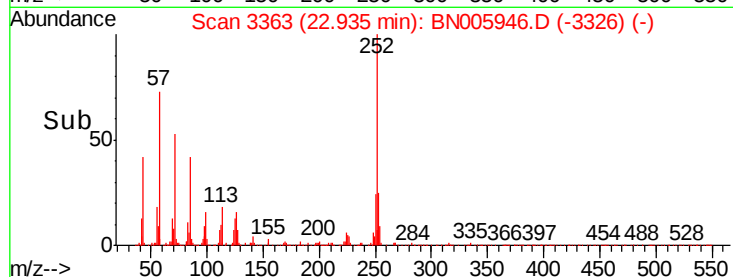
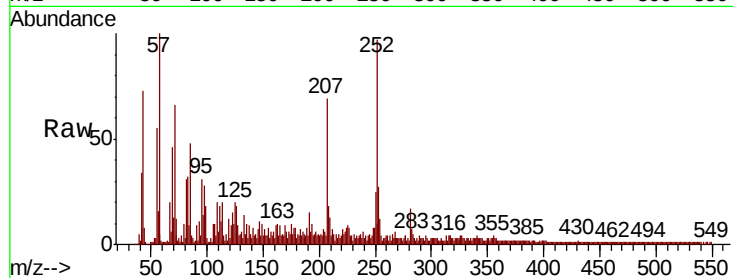
Acq: 30 May 2019 00:18

Instrument :
BNA_N
ClientSampleId :
A4278

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.7	26.5#
125	20.5	8.4	12.6#

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#88

Benzo(k)fluoranthene

Concen: 1.849 ng/ul m

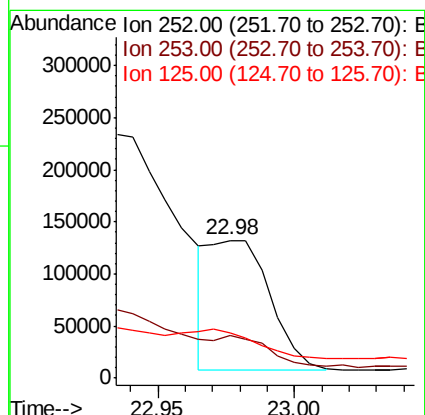
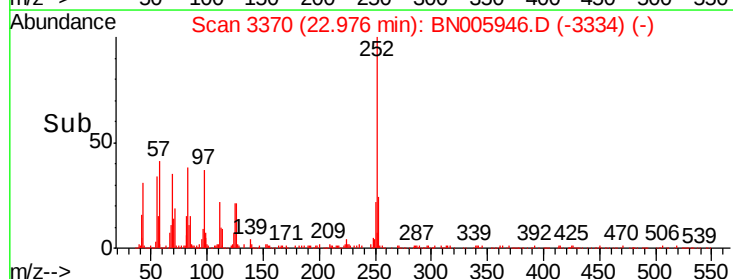
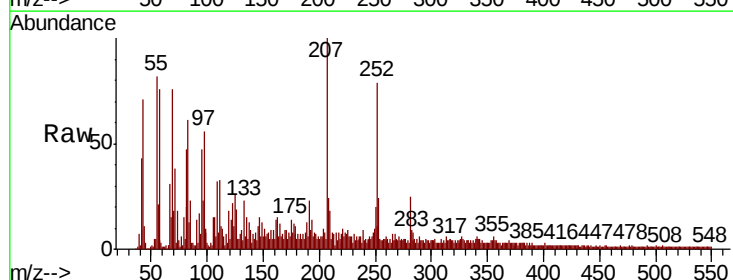
RT: 22.98 min Scan# 3370

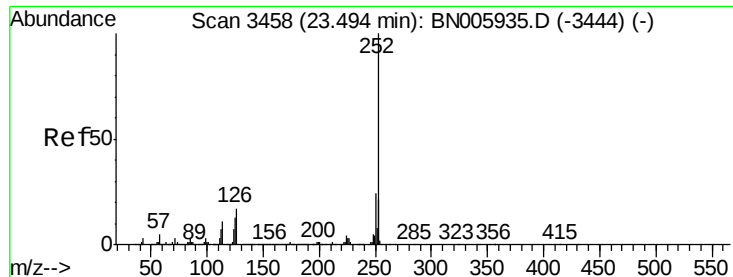
Delta R.T. 0.01 min

Lab File: BN005946.D

Acq: 30 May 2019 00:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.4	26.0#
125	33.0	7.5	11.3#





#90

Benzo(a)pyrene

Concen: 3.168 ng/ul

RT: 23.52 min Scan# 3463

Delta R.T. 0.03 min

Lab File: BN005946.D

Acq: 30 May 2019 00:18

Instrument :

BNA_N

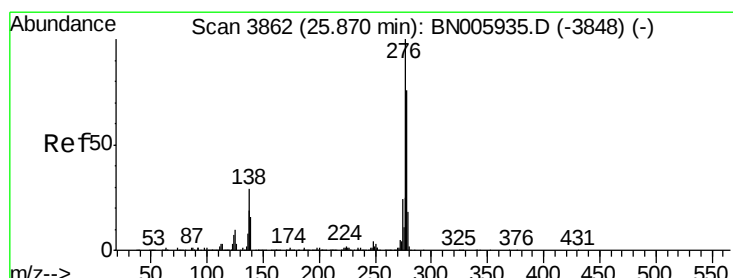
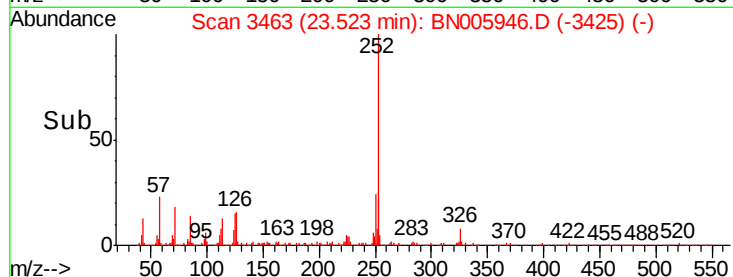
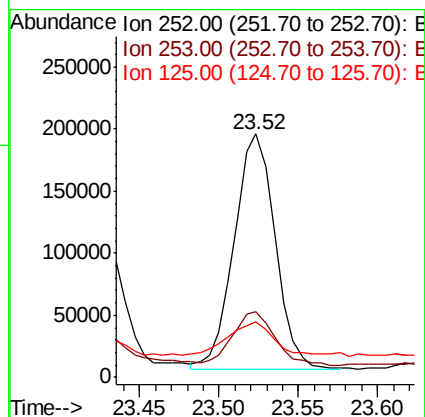
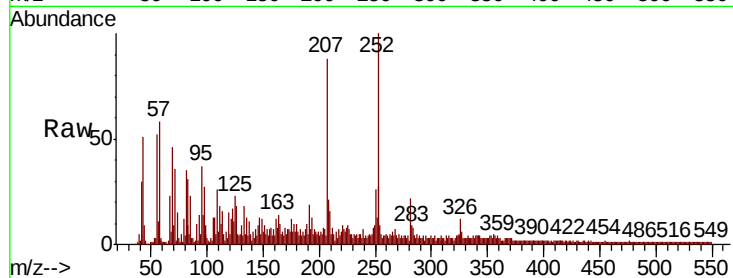
Client Sampled :

A4278

Tot Ion:	252	Resp:	338831
Ion Ratio	Lower	Upper	
252	100		
253	27.0	17.3	25.9#
125	22.5	8.6	13.0#

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#91

Indeno(1,2,3-cd)pyrene

Concen: 1.954 ng/ul

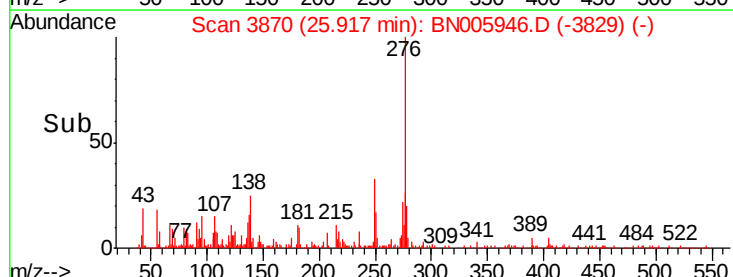
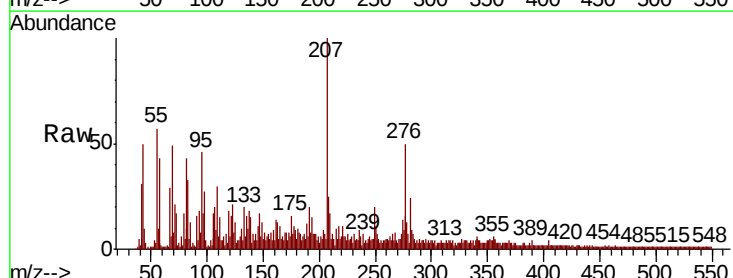
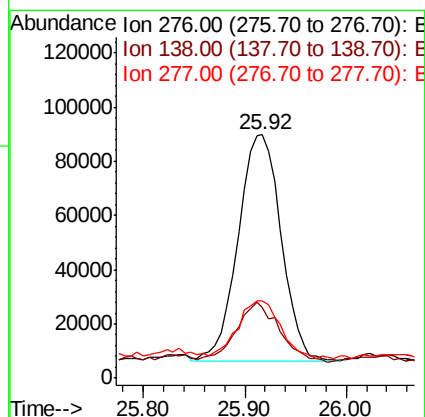
RT: 25.92 min Scan# 3870

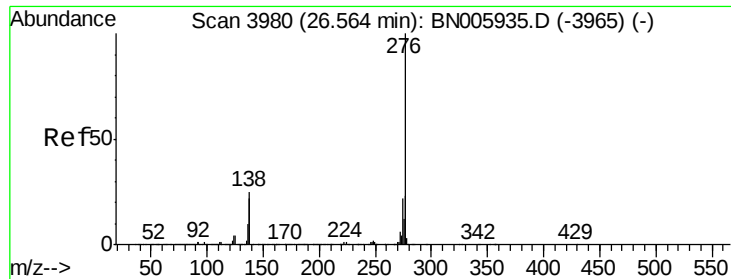
Delta R.T. 0.04 min

Lab File: BN005946.D

Acq: 30 May 2019 00:18

Tgt Ion:	276	Resp:	245214
Ion Ratio	Lower	Upper	
276	100		
138	29.3	17.9	26.9#
277	31.8	19.7	29.5#





#93

Benzo(a,h,i)perylene

Concen: 1.575 ng/ul

RT: 26.62 min Scan# 3989

Delta R.T. 0.05 min

Lab File: BN005946.D

Acq: 30 May 2019 00:18

Instrument :

BNA_N

ClientSampleId :

A4278

Tot Ion:	276	Resp:	166494
Ion Ratio	Lower	Upper	
276	100		
138	29.9	16.7	25.1#
277	33.2	18.2	27.2#

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