

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005930.D
 Acq On : 29 May 2019 15:02
 Operator : JU/SJ
 Sample : K2928-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42D1

Manual Integrations
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Quant Time: May 29 15:36:40 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	7.73	152	560760	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	2565458	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1485830	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	3178268	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	2814614	20.00	ng/ul	0.01
85) Perylene-d12	23.62	264	2677488	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	34625	2.72	ng/uL	0.00
5) Phenol-d5	6.89	99	691768	13.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	469114	16.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	563610	14.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	422440	10.53	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	293763	17.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	295047	19.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	560627	15.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	640565	13.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	2002266	18.28	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	2337285	17.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	210115	10.54	ng/ul	0.00
57) Fluorene-d10	15.37	176	1673294	18.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	145815	11.26	ng/ul	0.00
70) Anthracene-d10	17.22	188	2275454	16.82	ng/ul	0.00
78) Pyrene-d10	19.52	212	2570980	18.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2056133	17.21	ng/ul	0.02

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.82	163	771759	7.049	ng/ul	100
69) Phenanthrene	17.16	178	1565695	9.943	ng/ul	99
71) Anthracene	17.25	178	297517	1.861	ng/ul	99
76) Fluoranthene	19.19	202	2062318	12.268	ng/ul#	94
79) Pyrene	19.55	202	1941072	10.887	ng/ul#	92
82) Benzo(a)anthracene	21.32	228	959826	5.425	ng/ul	98
84) Chrysene	21.38	228	964974	5.848	ng/ul	98
87) Benzo(b)fluoranthene	22.94	252	940771	6.256	ng/ul#	94
88) Benzo(k)fluoranthene	22.97	252	314765m	2.276	ng/ul	
90) Benzo(a)pyrene	23.52	252	628243	4.430	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	25.89	276	331409	1.992	ng/ul	95
93) Benzo(g,h,i)perylene	26.59	276	261476	1.866	ng/ul#	94

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

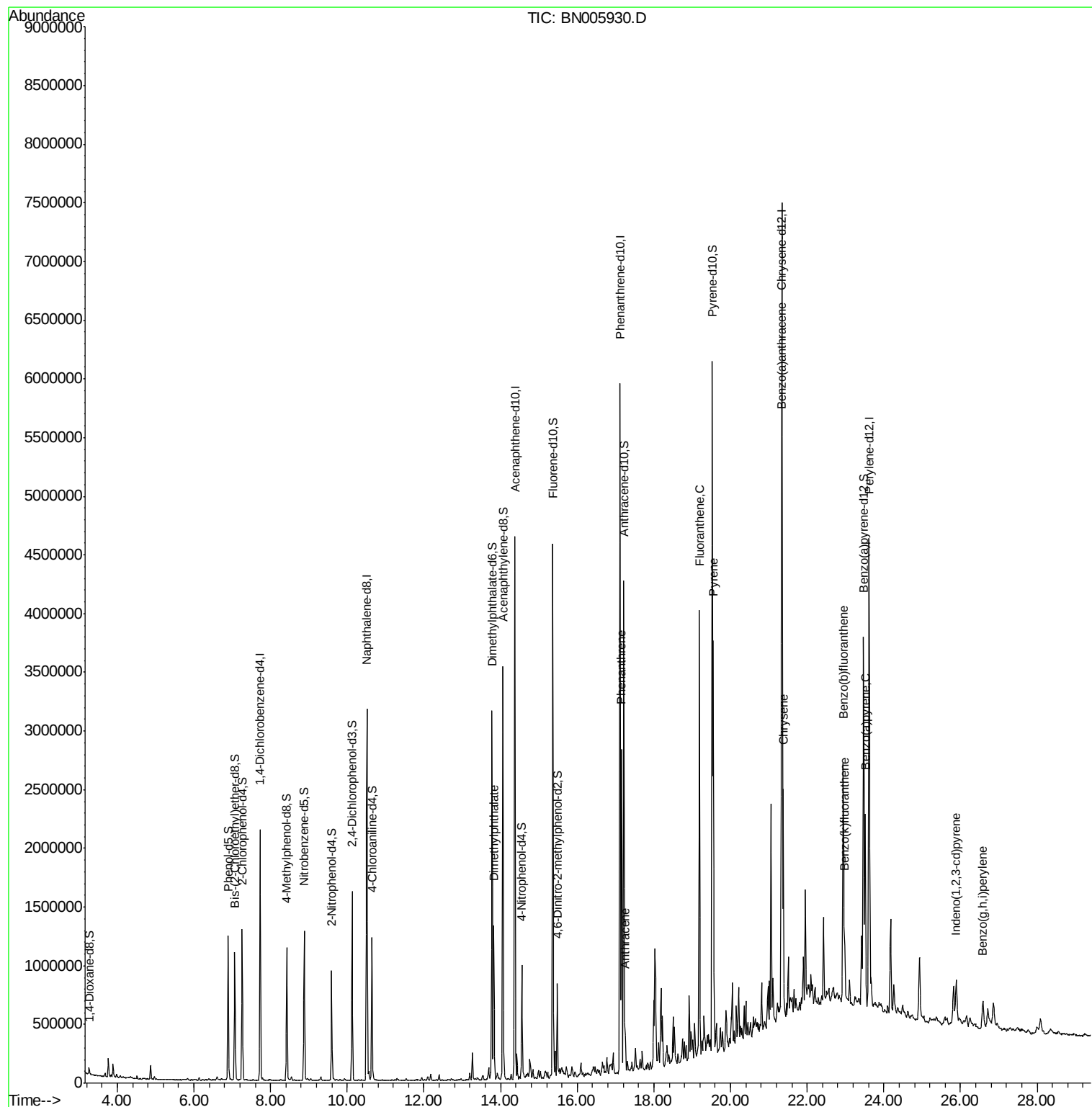
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
Data File : BN005930.D
Acq On : 29 May 2019 15:02
Operator : JU/SJ
Sample : K2928-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

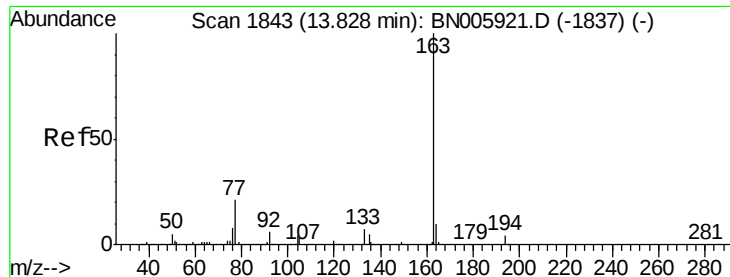
Instrument :
BNA_N
ClientSampleId :
A42D1

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Quant Time: May 29 15:36:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
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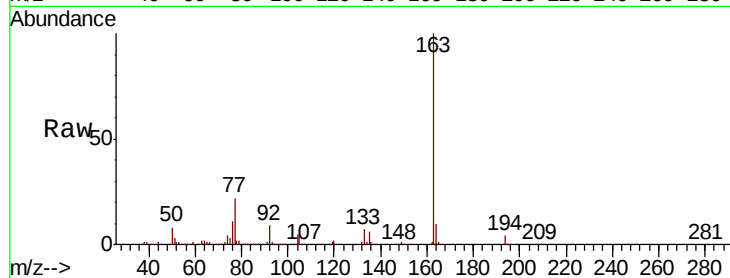
#44
Dimethylphthalate
Concen: 7.049 ng/ul
RT: 13.82 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BN005930.D
Acq: 29 May 2019 15:02

Instrument :
BNA_N
ClientSampled :
A42D1

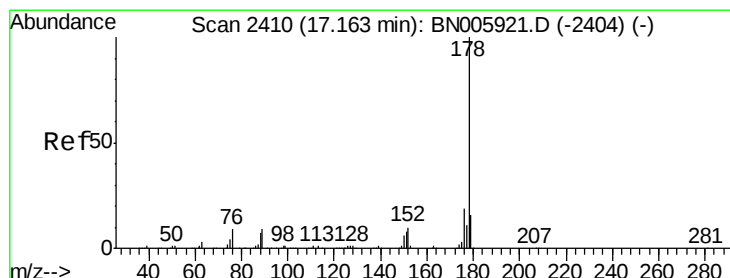
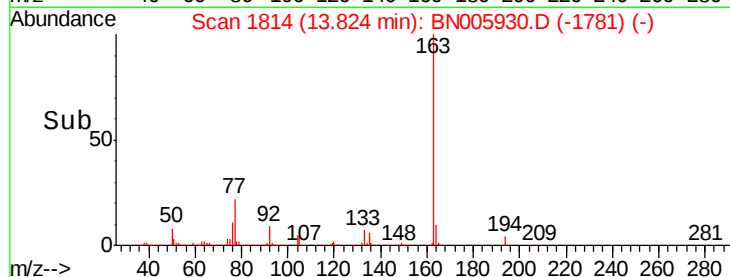
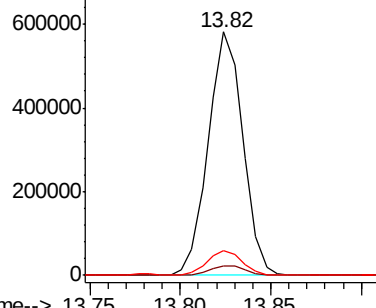
Tot Ion:	163	Resp:	771759
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	10.2	8.1	12.1

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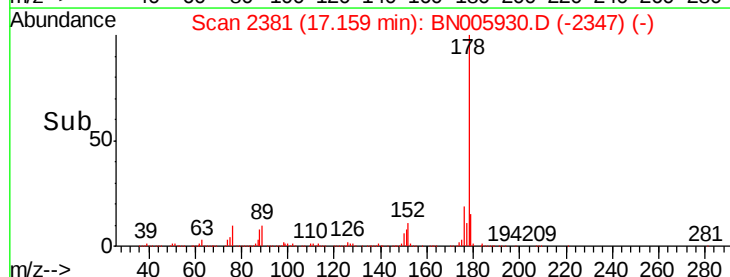
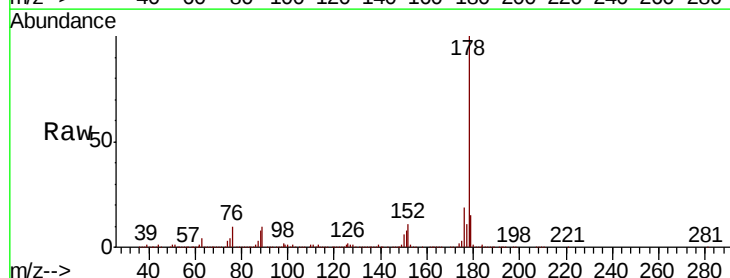
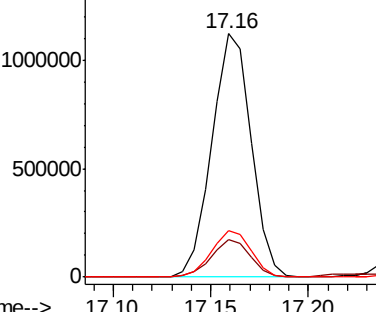
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

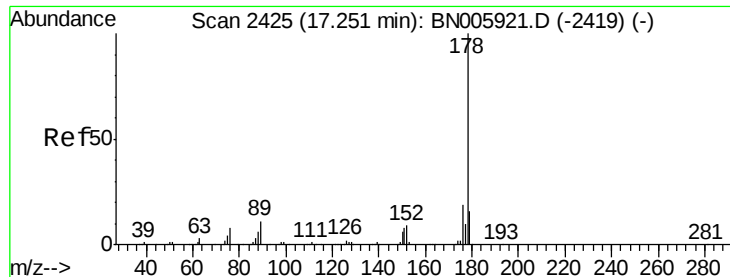


#69
Phenanthrene
Concen: 9.943 ng/ul
RT: 17.16 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BN005930.D
Acq: 29 May 2019 15:02

Tgt Ion:	178	Resp:	1565695
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.2	18.4
176	19.3	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





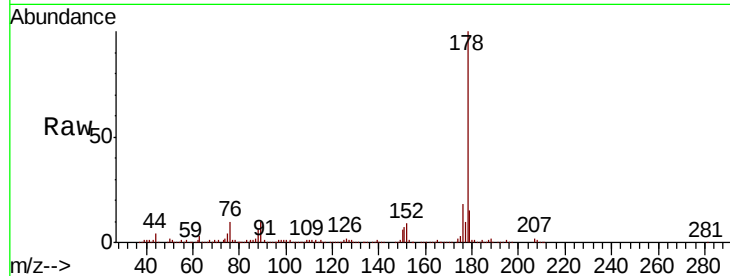
#71
 Anthracene
 Concen: 1.861 ng/ul
 RT: 17.25 min Scan# 2397
 Delta R.T. 0.00 min
 Lab File: BN005930.D
 Acq: 29 May 2019 15:02

Instrument :
 BNA_N
 ClientSampled :
 A42D1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.1	15.1	22.7

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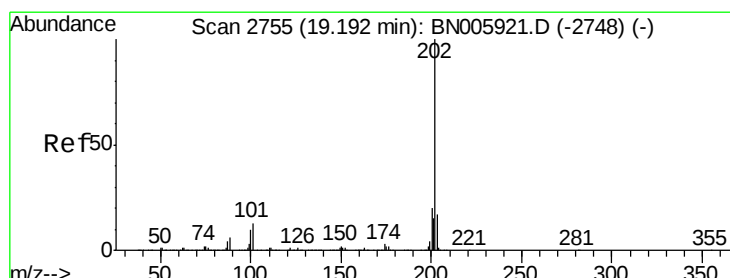
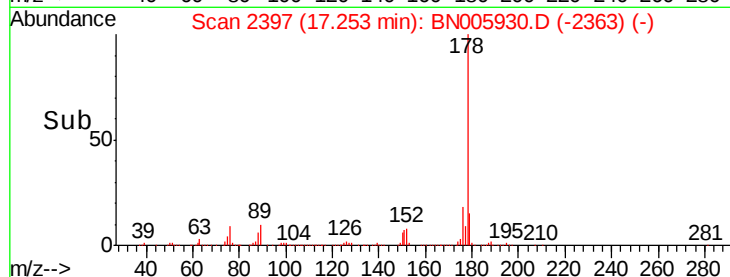
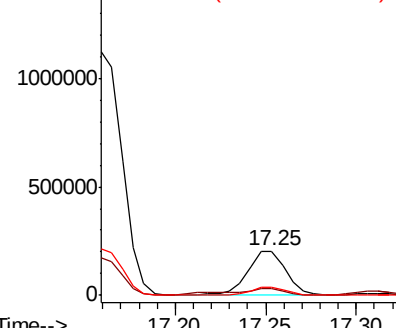


Abundance

Ion 178.00 (177.70 to 178.70): E

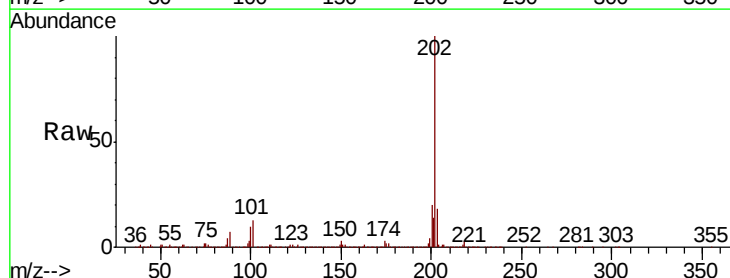
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76
 Fluoranthene
 Concen: 12.268 ng/ul
 RT: 19.19 min Scan# 2726
 Delta R.T. 0.00 min
 Lab File: BN005930.D
 Acq: 29 May 2019 15:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	8.6	12.8#
100	9.7	6.3	9.5#

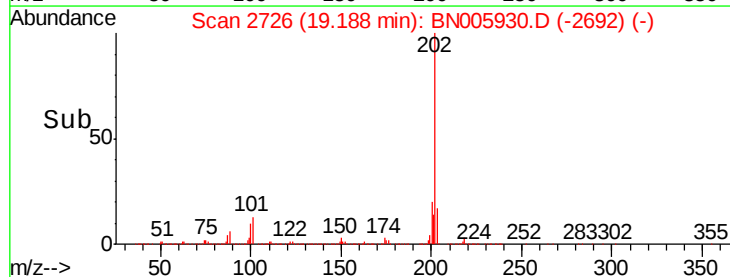
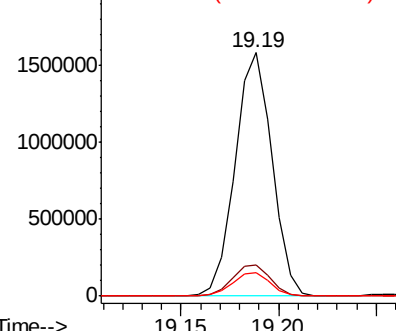


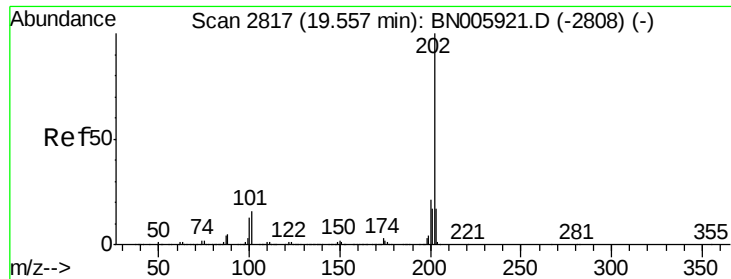
Abundance

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

Pvrene

Concen: 10.887 ng/ul

RT: 19.55 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BN005930.D

Acq: 29 May 2019 15:02

Instrument :

BNA_N

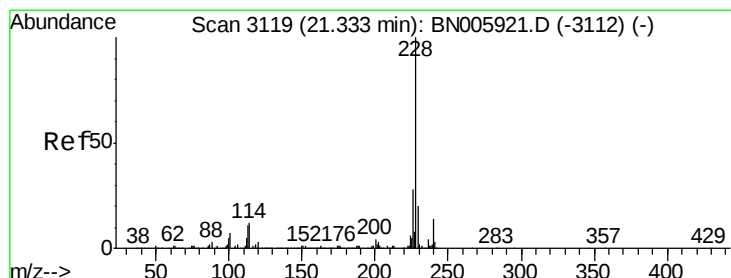
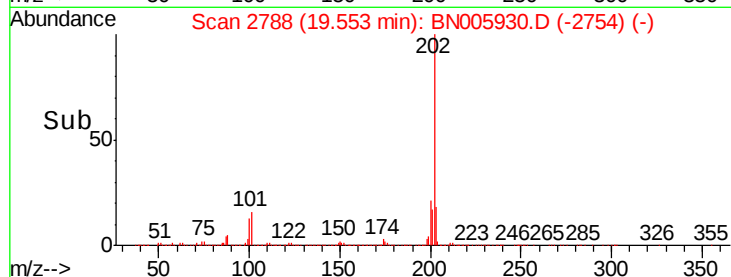
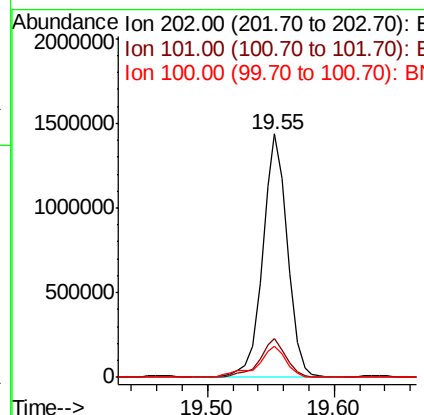
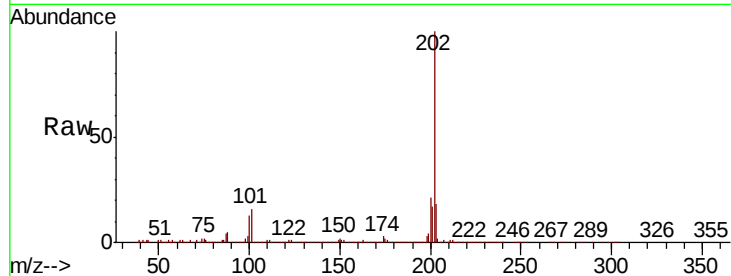
ClientSampleId :

A42D1

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.0	10.3	15.5#
100	12.9	7.9	11.9#

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#82

Benzo(a)anthracene

Concen: 5.425 ng/ul

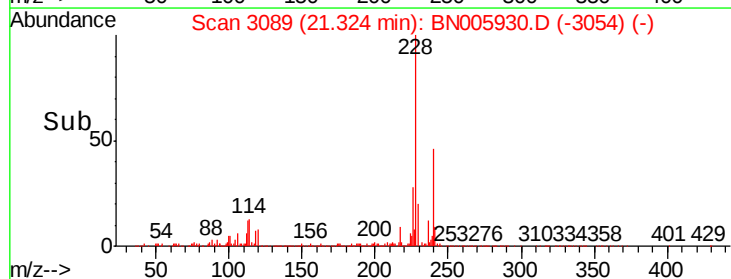
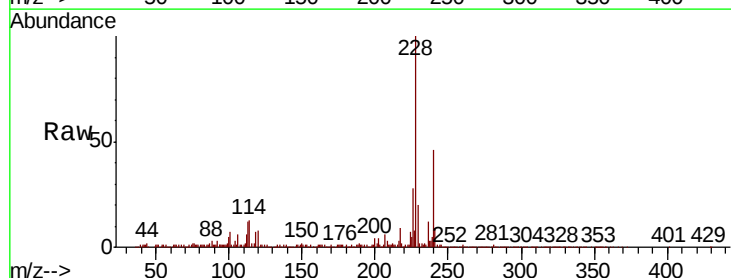
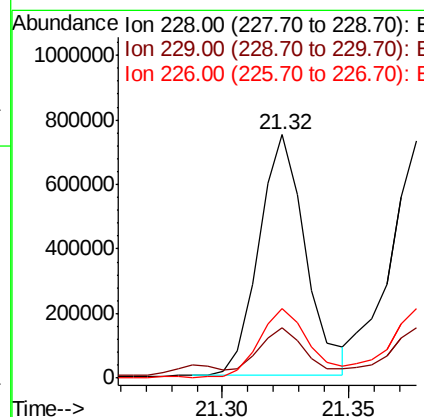
RT: 21.32 min Scan# 3089

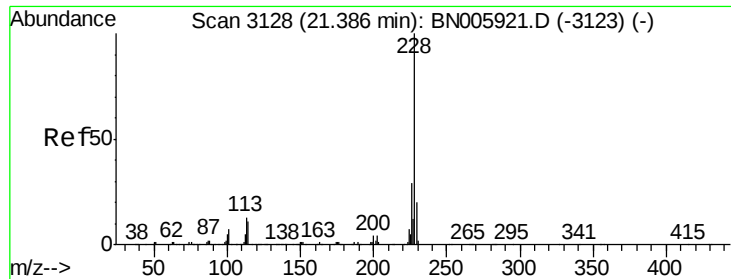
Delta R.T. 0.01 min

Lab File: BN005930.D

Acq: 29 May 2019 15:02

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	28.4	21.4	32.2





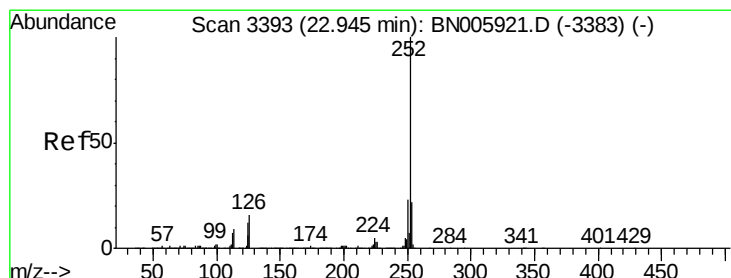
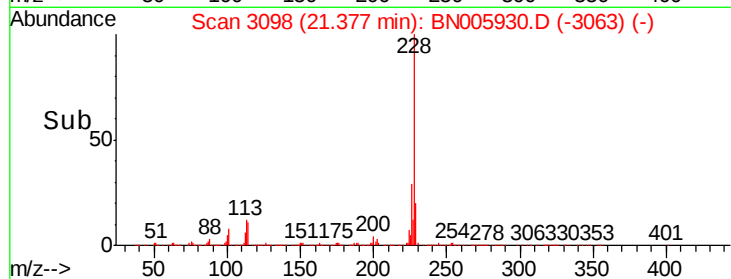
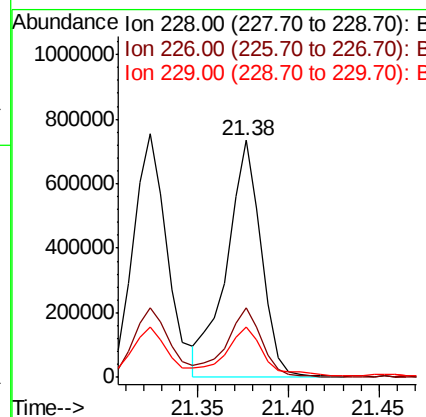
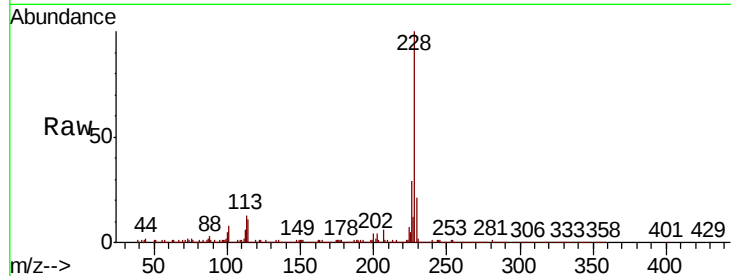
#84
Chrysene
Concen: 5.848 ng/ul
RT: 21.38 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BN005930.D
Acq: 29 May 2019 15:02

Instrument :
BNA_N
ClientSampled :
A42D1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	21.0	15.4	23.0

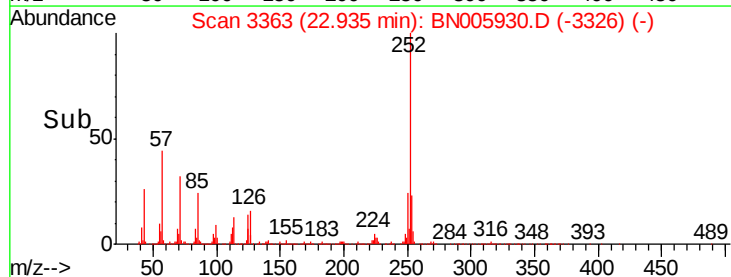
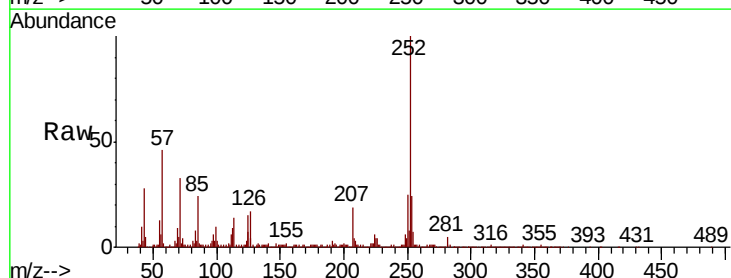
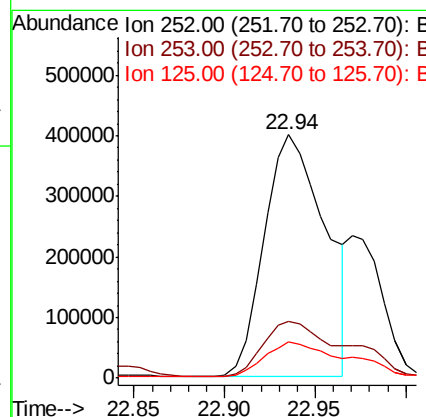
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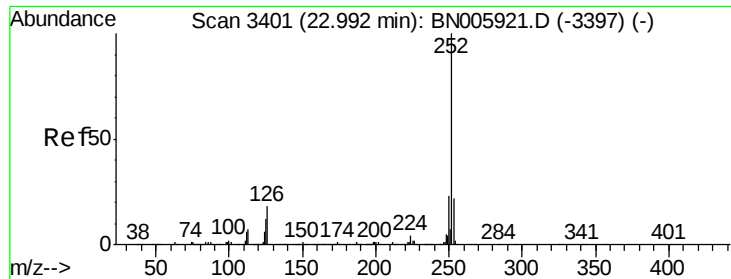
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#87
Benzo(b)fluoranthene
Concen: 6.256 ng/ul
RT: 22.94 min Scan# 3363
Delta R.T. 0.02 min
Lab File: BN005930.D
Acq: 29 May 2019 15:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	14.7	8.4	12.6





#88

Benzo(k)fluoranthene

Concen: 2.276 ng/ul m

RT: 22.97 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BN005930.D

Acq: 29 May 2019 15:02

Instrument :

BNA_N

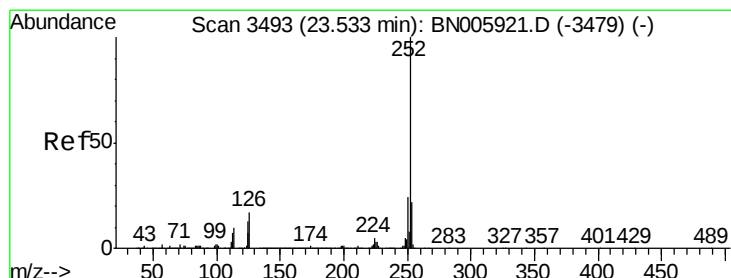
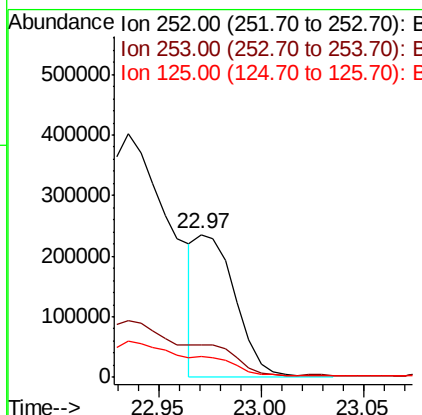
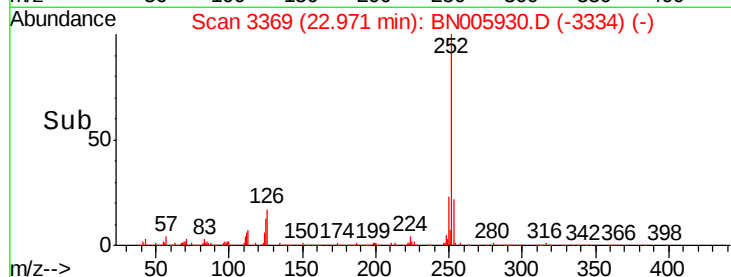
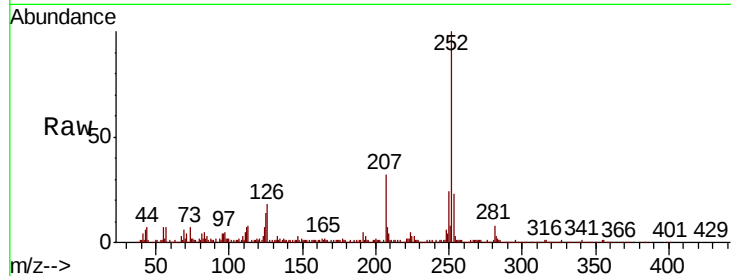
ClientSampled :

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Tot Ion:	252	Resp:	314765
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	14.3	7.5	11.3#

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#90

Benzo(a)pyrene

Concen: 4.430 ng/ul

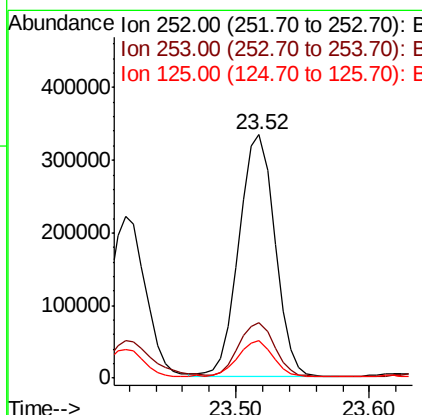
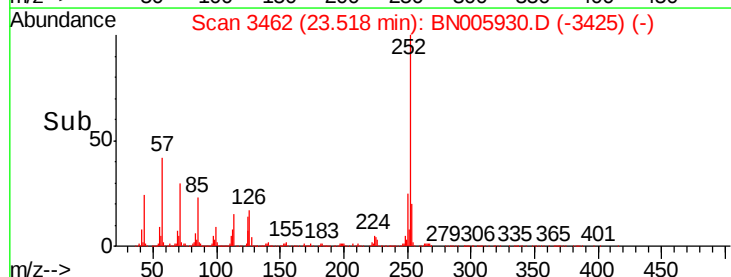
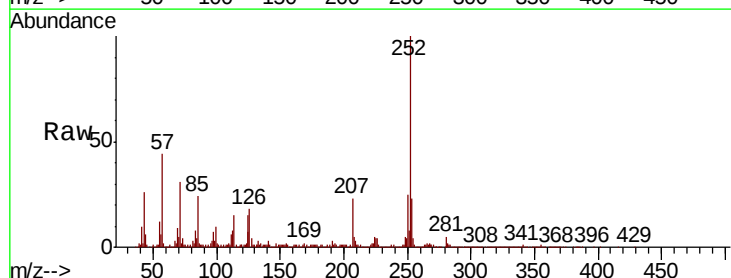
RT: 23.52 min Scan# 3462

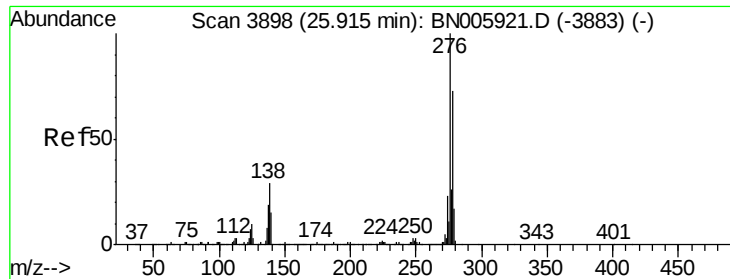
Delta R.T. 0.02 min

Lab File: BN005930.D

Acq: 29 May 2019 15:02

Tgt Ion:	252	Resp:	628243
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.3	25.9
125	15.2	8.6	13.0#





#91

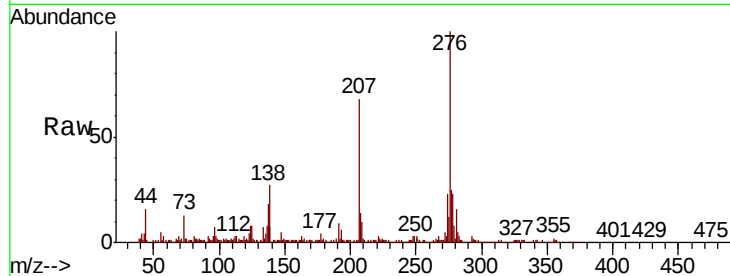
Indeno(1,2,3-cd)pyrene
Concen: 1.992 ng/ul
RT: 25.89 min Scan# 3865
Delta R.T. 0.01 min
Lab File: BN005930.D
Acq: 29 May 2019 15:02

Instrument :
BNA_N
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Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	17.9	26.9
277	25.2	19.7	29.5

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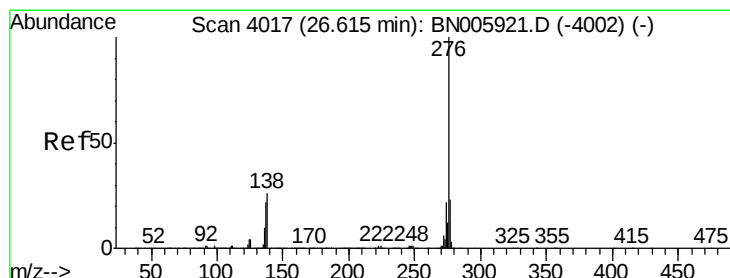
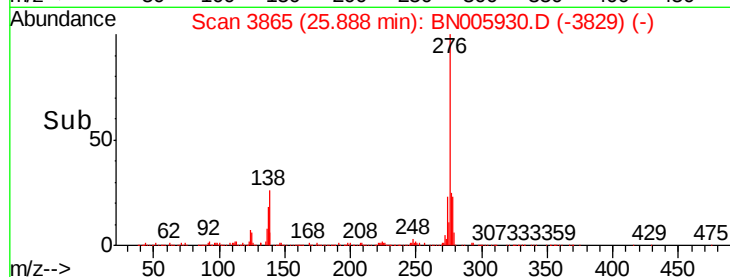
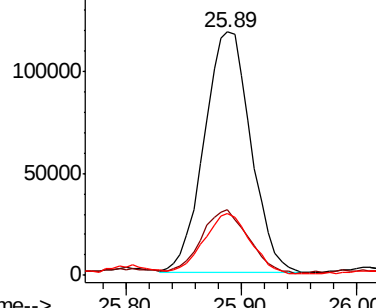


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

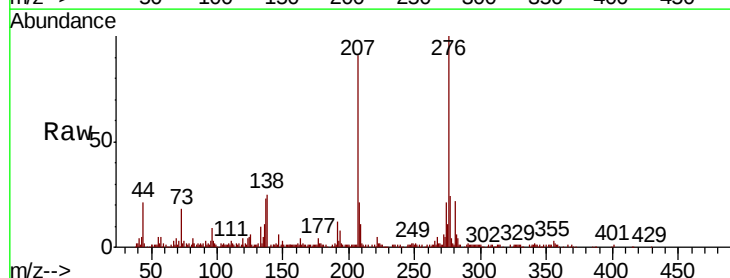
Ion 277.00 (276.70 to 277.70): E



#93

Benzo(g,h,i)perylene
Concen: 1.866 ng/ul
RT: 26.59 min Scan# 3984
Delta R.T. 0.02 min
Lab File: BN005930.D
Acq: 29 May 2019 15:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	16.7	25.1#
277	24.3	18.2	27.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

