

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005857.D
 Acq On : 22 May 2019 18:51
 Operator : JU/SJ
 Sample : K2925-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42A0

Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:30:45 PM

Quant Time: May 23 05:27:29 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	7.56	152	71396	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	325555	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	235841	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	627461	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	767195	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	923830	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	3555m	2.79	ng/uL	-0.01
5) Phenol-d5	6.77	99	70200	12.72	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	43103	14.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	62363	14.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	55802	11.83	ng/ul	0.01
19) Nitrobenzene-d5	8.72	128	31903	13.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	33144	12.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	72352m	13.89	ng/ul	0.03
29) 4-Chloroaniline-d4	10.50	131	48116m	8.32	ng/ul	0.03
43) Dimethylphthalate-d6	13.62	166	267614	14.75	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	313978	14.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	16146m	6.32	ng/ul	0.05
57) Fluorene-d10	15.20	176	239150	15.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	17881	4.74	ng/ul	0.02
70) Anthracene-d10	17.06	188	381383	14.07	ng/ul	0.00
78) Pyrene-d10	19.37	212	495472	13.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	569035	13.73	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.67	163	68987	3.856	ng/ul	99
69) Phenanthrene	17.00	178	93577	3.009	ng/ul	98
76) Fluoranthene	19.04	202	242082	6.295	ng/ul#	89
79) Pyrene	19.40	202	232296	4.931	ng/ul#	86
82) Benzo(a)anthracene	21.18	228	129164	2.672	ng/ul	98
84) Chrysene	21.23	228	151781	3.331	ng/ul	97
87) Benzo(b)fluoranthene	22.75	252	217697	4.283	ng/ul#	97
88) Benzo(k)fluoranthene	22.79	252	66575m	1.354	ng/ul	
90) Benzo(a)pyrene	23.30	252	139849	2.842	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.60	276	97747	1.625	ng/ul#	89
93) Benzo(g,h,i)perylene	26.26	276	90072	1.791	ng/ul#	89

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

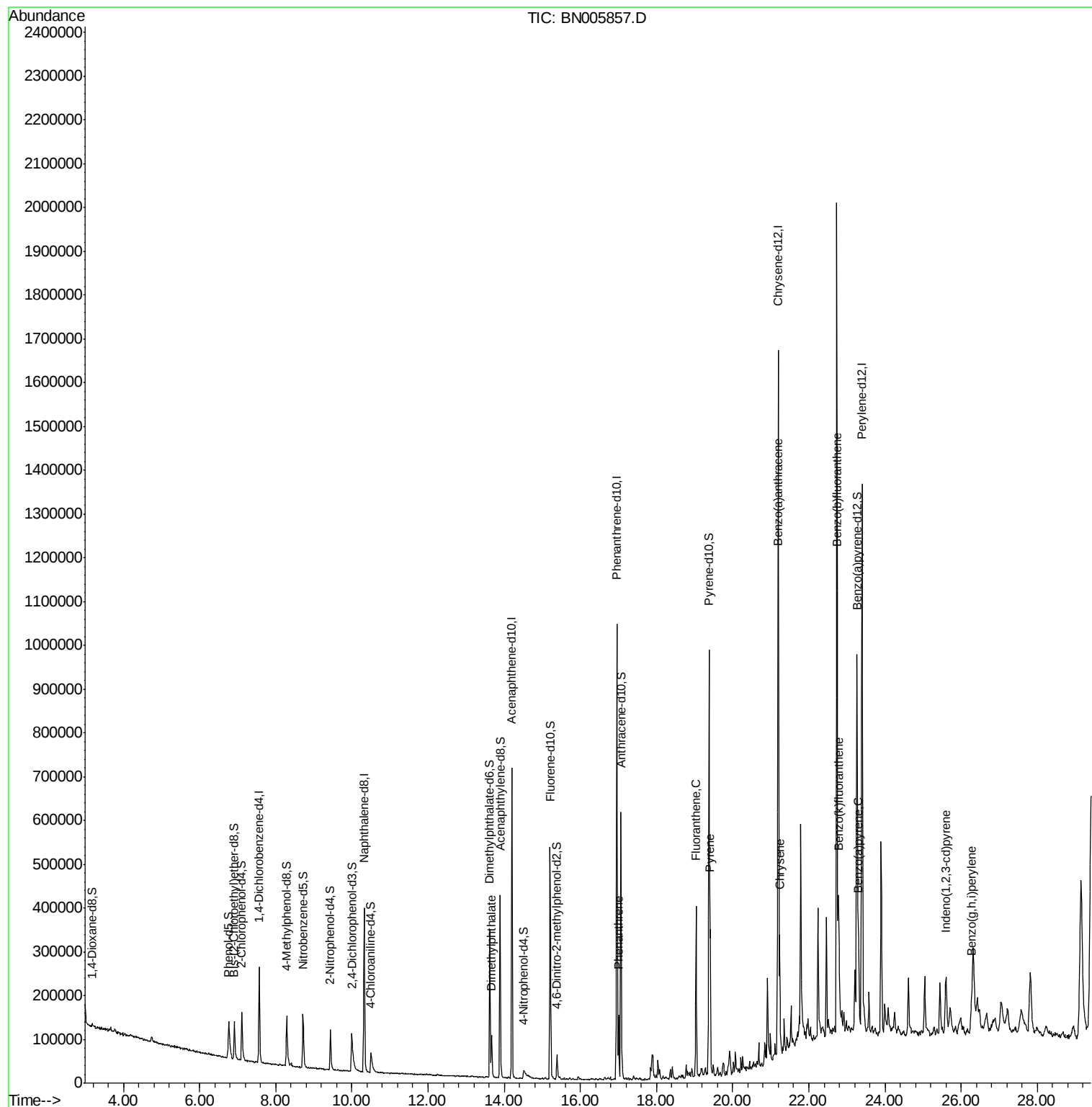
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005857.D
Acq On : 22 May 2019 18:51
Operator : JU/SJ
Sample : K2925-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

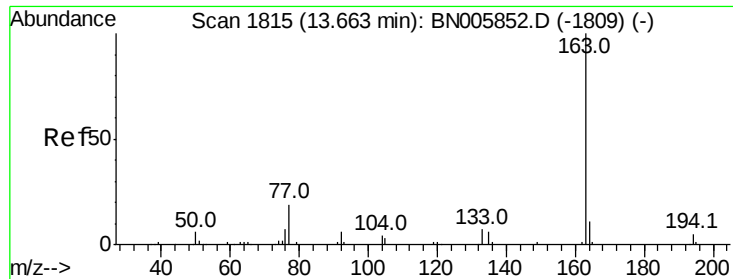
Instrument :
BNA_N
ClientSampleId :
A42A0

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
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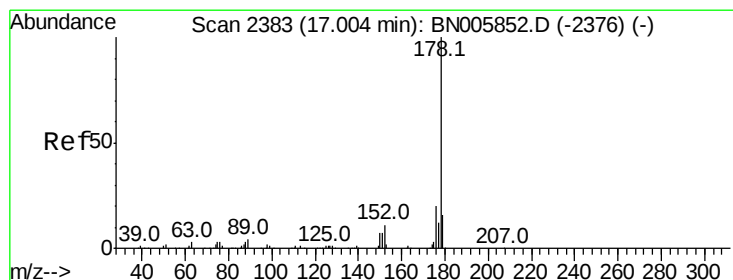
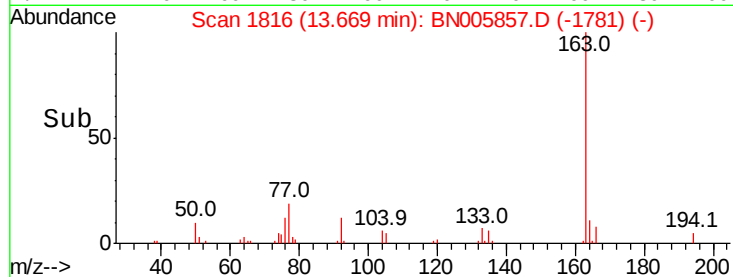
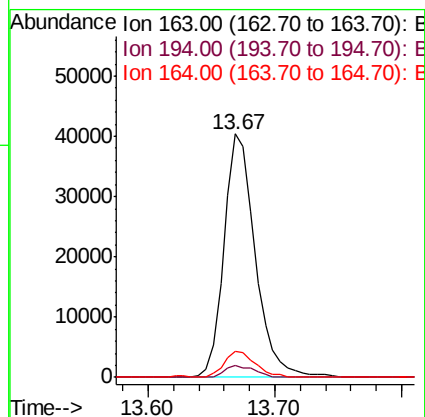
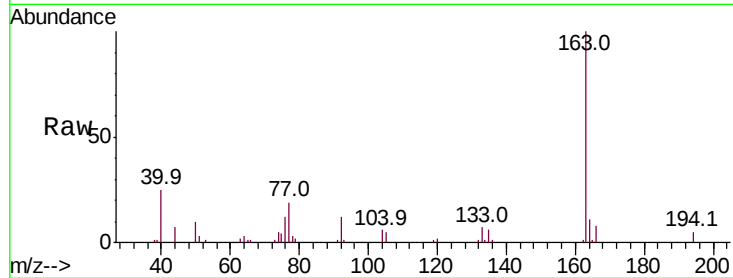
#44
Dimethylphthalate
Concen: 3.856 ng/ul
RT: 13.67 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BN005857.D
Acq: 22 May 2019 18:51

Instrument :
BNA_N
ClientSampled :
A42A0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	68987		
194	4.7		3.4	5.0
164	10.5		8.1	12.1

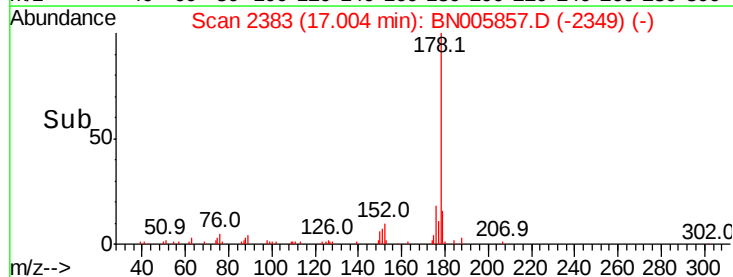
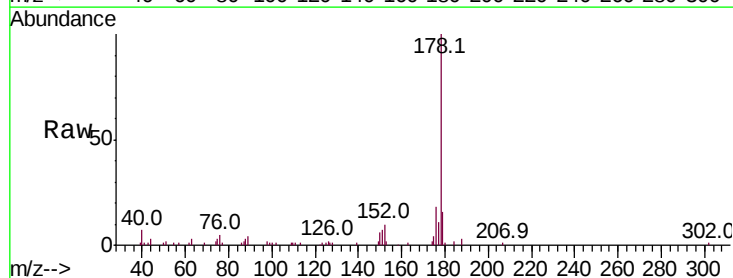
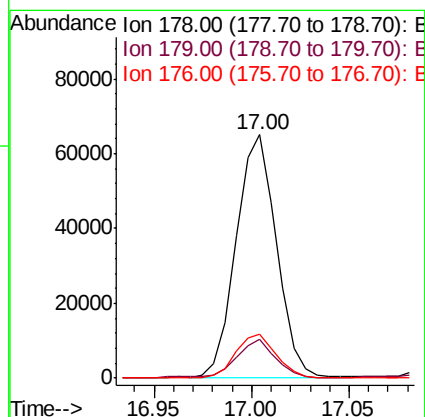
Manual Integrations
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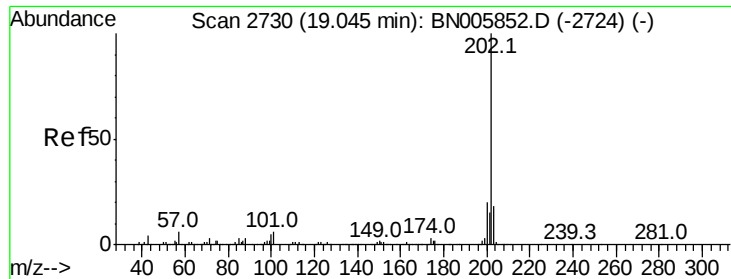
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#69
Phenanthrene
Concen: 3.009 ng/ul
RT: 17.00 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BN005857.D
Acq: 22 May 2019 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	93577		
179	16.0		12.2	18.4
176	18.0		15.1	22.7





#76

Fluoranthene

Concen: 6.295 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BN005857.D

Acq: 22 May 2019 18:51

Instrument :

BNA_N

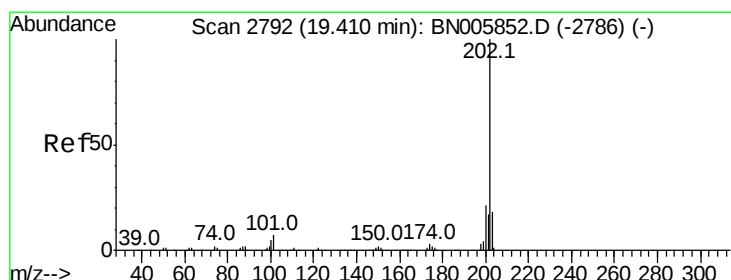
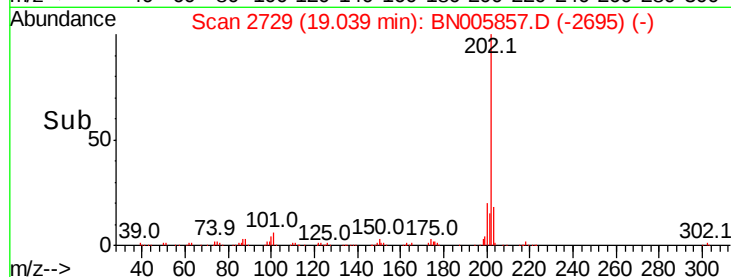
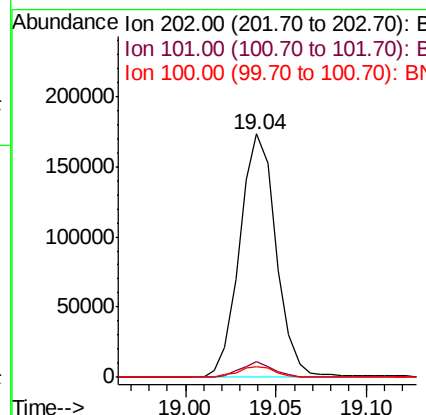
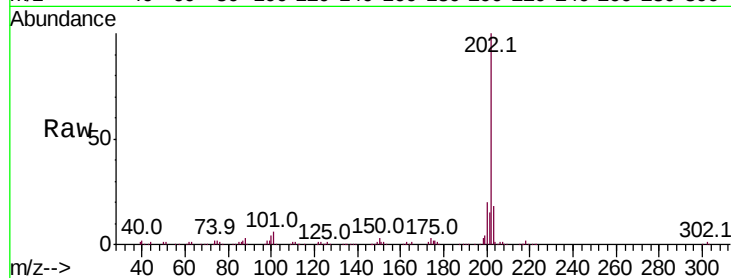
ClientSampleId :

A42A0

Tot Ion:	202	Resp:	242082
Ion Ratio	Lower	Upper	
202	100		
101	6.2	8.6	12.8#
100	4.4	6.3	9.5#

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#79

Pyrene

Concen: 4.931 ng/ul

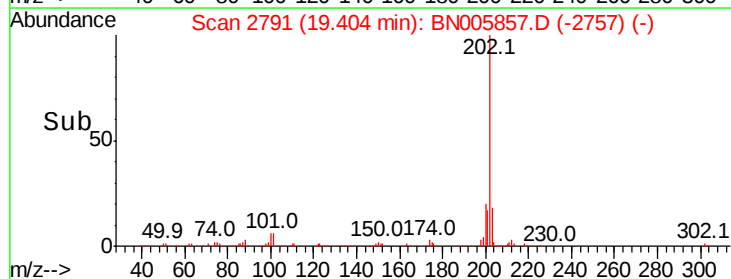
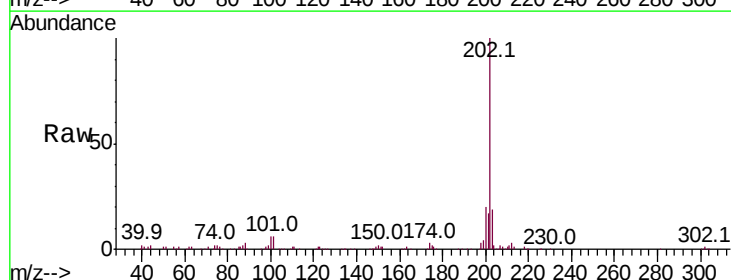
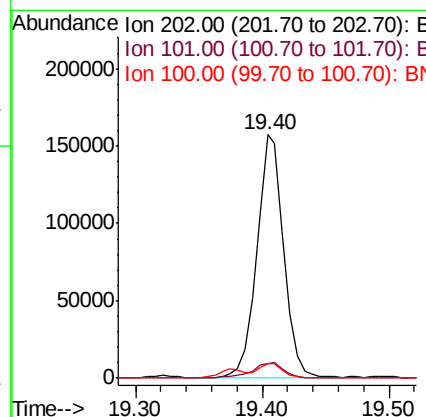
RT: 19.40 min Scan# 2791

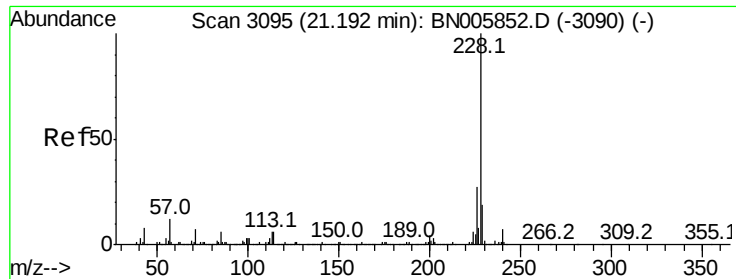
Delta R.T. -0.00 min

Lab File: BN005857.D

Acq: 22 May 2019 18:51

Tgt Ion:	202	Resp:	232296
Ion Ratio	Lower	Upper	
202	100		
101	6.1	10.3	15.5#
100	6.1	7.9	11.9#





#82

Benzo(a)anthracene

Concen: 2.672 ng/ul

RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN005857.D

Acq: 22 May 2019 18:51

Instrument :

BNA_N

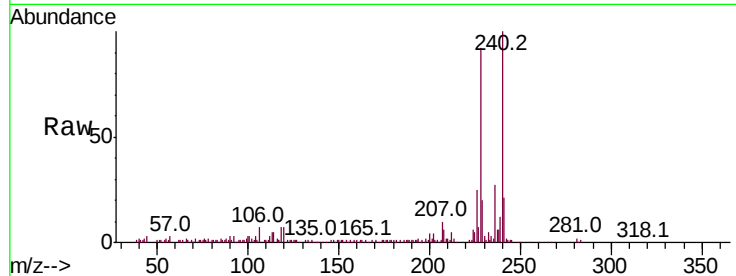
ClientSampled :

A42A0

Tot Ion:	228	Resp:	129164
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.8	23.6
226	27.1	21.4	32.2

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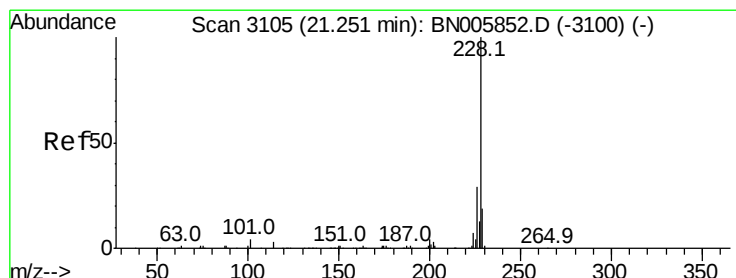
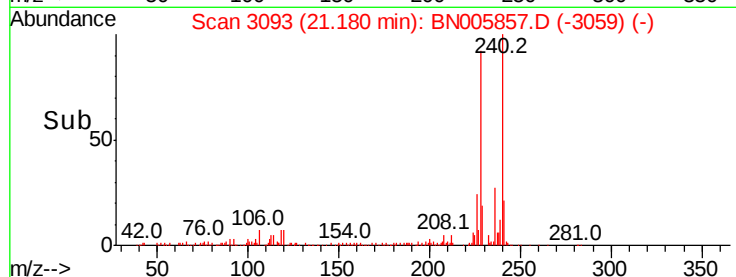
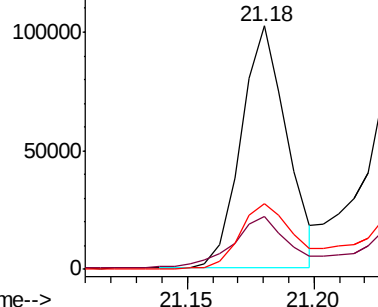


Abundance

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: 3.331 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN005857.D

Acq: 22 May 2019 18:51

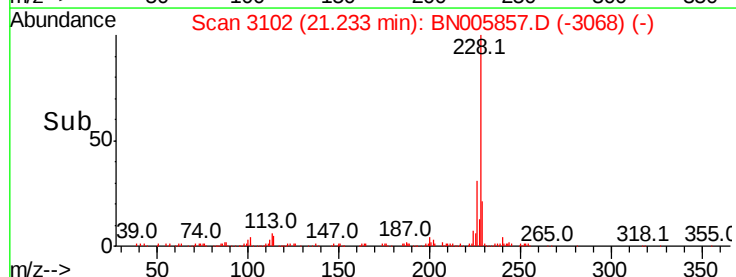
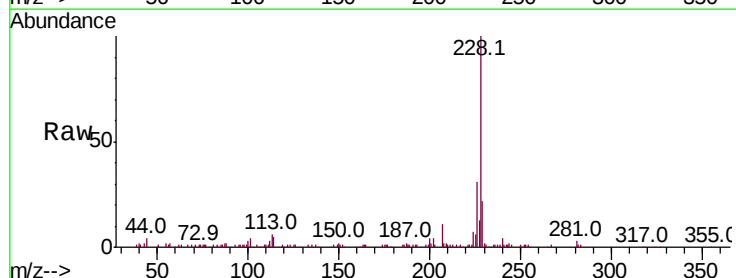
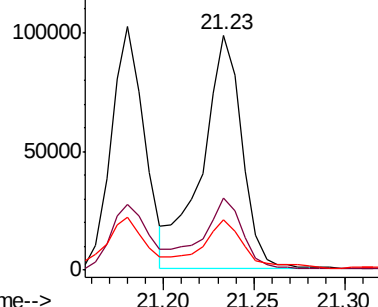
Tgt Ion:	228	Resp:	151781
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.0	36.0
229	21.6	15.4	23.0

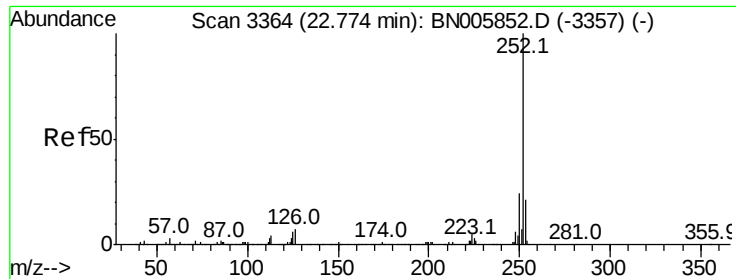
Abundance

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: 4.283 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BN005857.D

Acq: 22 May 2019 18:51

Instrument :

BNA_N

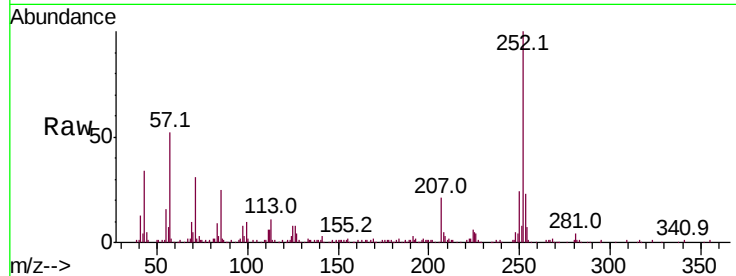
ClientSampleId :

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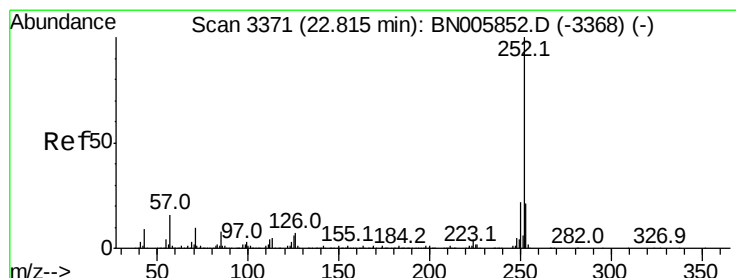
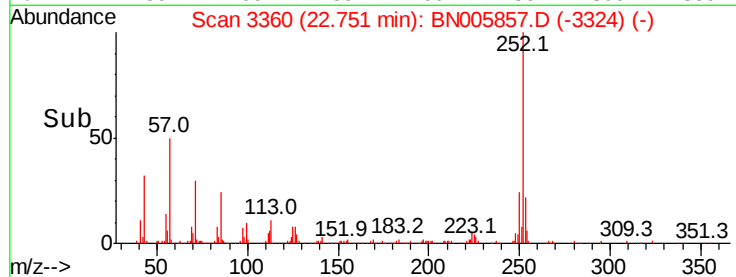
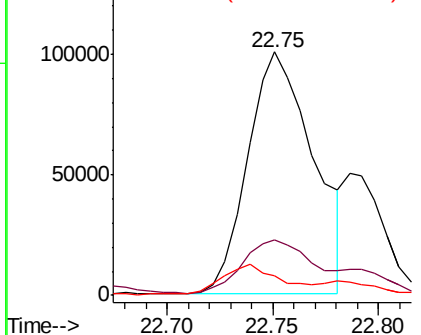
Tot Ion	Ratio	Resp	Lower	Upper
252	100	217697		
253	22.5	17.7	26.5	
125	8.0	8.4	12.6	

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 1.354 ng/ul m

RT: 22.79 min Scan# 3366

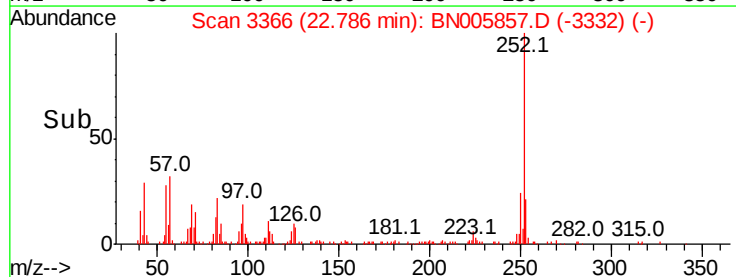
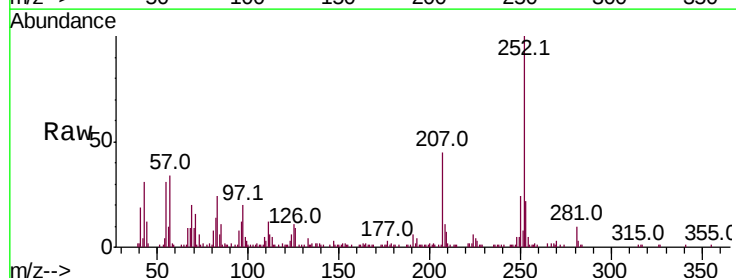
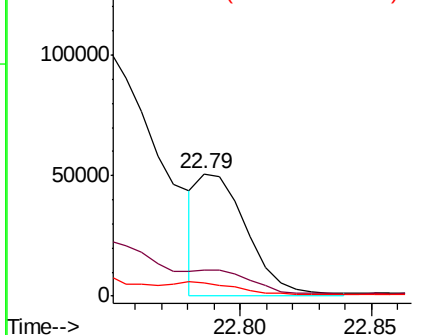
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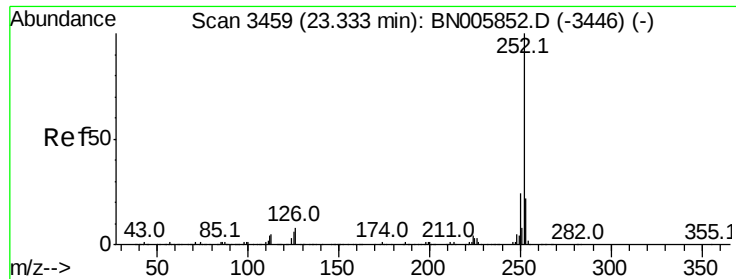
Lab File: BN005857.D

Acq: 22 May 2019 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	66575		
253	21.7	17.4	26.0	
125	11.3	7.5	11.3	

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





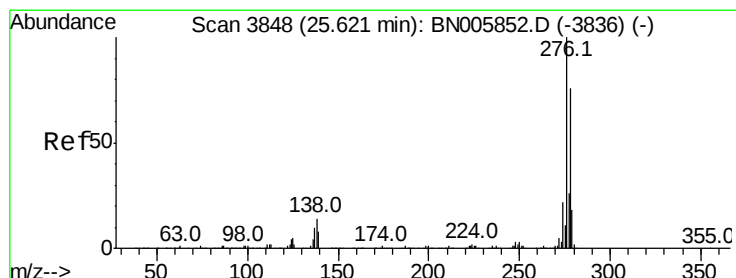
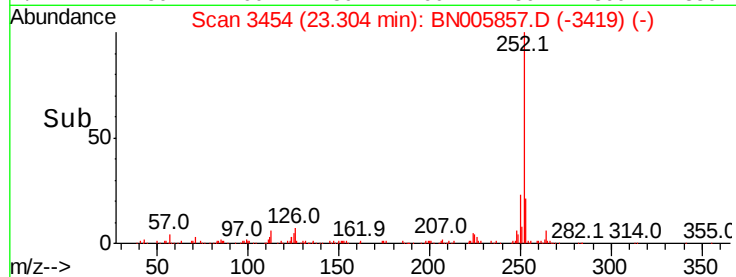
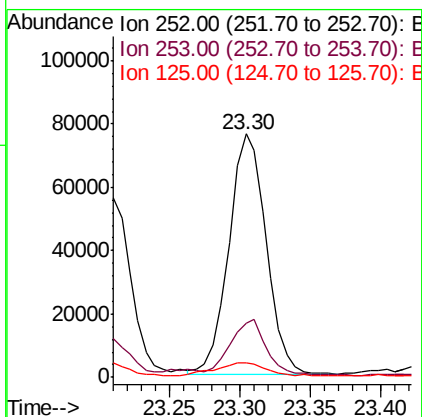
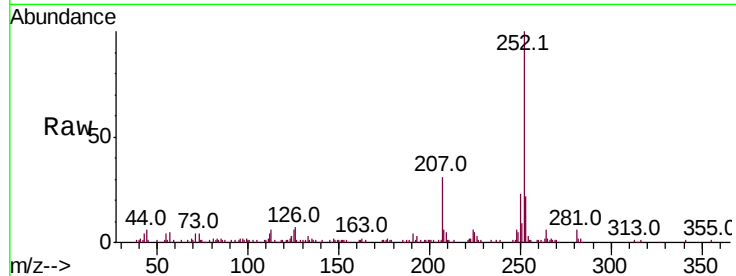
#90
Benzo(a)pyrene
Concen: 2.842 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BN005857.D
Acq: 22 May 2019 18:51

Instrument :
BNA_N
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Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.3	25.9
125	5.7	8.6	13.0

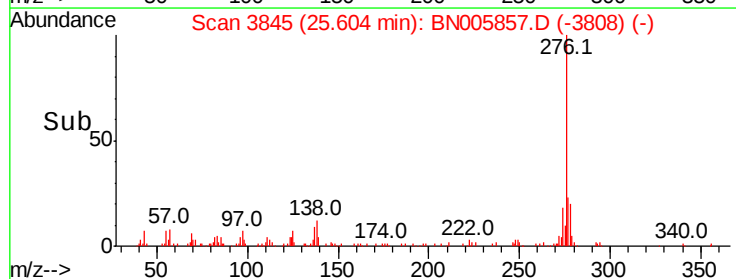
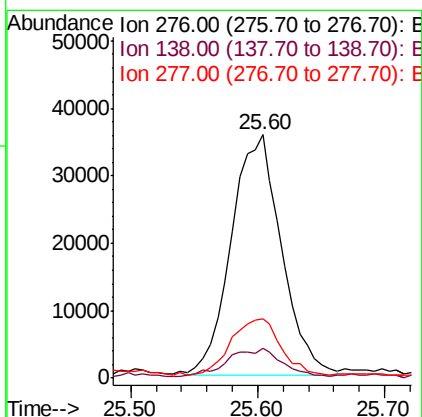
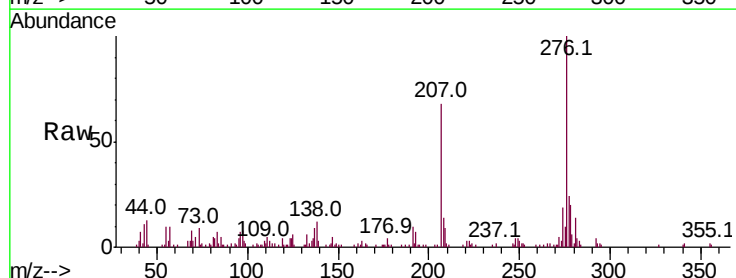
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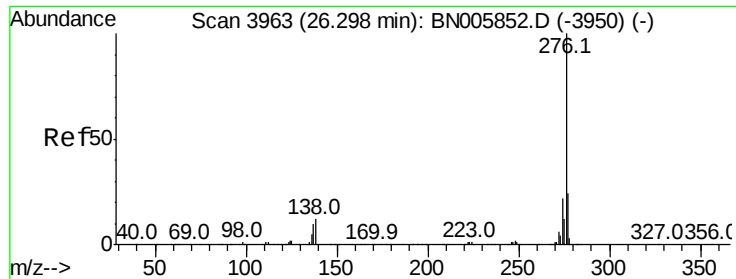
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#91
Indeno(1,2,3-cd)pyrene
Concen: 1.625 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. 0.02 min
Lab File: BN005857.D
Acq: 22 May 2019 18:51

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	12.0	17.9	26.9
277	24.2	19.7	29.5





#93

Benzo(a,h,i)perylene

Concen: 1.791 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. 0.01 min

Lab File: BN005857.D

Acq: 22 May 2019 18:51

Instrument :

BNA_N

ClientSampleId :

A42A0

Tot Ion:	276	Resp:	90072
Ion Ratio	Lower	Upper	
276	100		
138	12.2	16.7	25.1#
277	24.8	18.2	27.2

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