

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005951.D
 Acq On : 30 May 2019 03:11
 Operator : JU/SJ
 Sample : K2928-07RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42C3

Manual Integrations
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mohammad
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Quant Time: May 30 07:32:40 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	7.74	152	612191	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	2732590	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.38	164	1499175	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.13	188	2994983	20.00	ng/ul	0.01
77) Chrysene-d12	21.34	240	1870683	20.00	ng/ul	0.01
85) Perylene-d12	23.61	264	1997595	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	43467	3.12	ng/uL	0.00
5) Phenol-d5	6.91	99	773747	14.26	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	542886	17.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	678666	16.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	425337	9.71	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	366973m	20.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	298901	18.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	632307	16.39	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	686614	13.58	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	2111029	19.10	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	2528283	18.29	ng/ul	0.01
51) 4-Nitrophenol-d4	14.58	143	206795	10.28	ng/ul	0.02
57) Fluorene-d10	15.38	176	1744000	18.82	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.51	200	10611	0.87	ng/ul	0.03
70) Anthracene-d10	17.23	188	2264076	17.76	ng/ul	0.01
78) Pyrene-d10	19.54	212	2044683	21.64	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.47	264	1538715	17.26	ng/ul	0.02

Target Compounds

				Ovalue	
32) Caprolactam	11.44	113	30573m	2.006	ng/ul
44) Dimethylphthalate	13.84	163	773924	7.006	ng/ul
69) Phenanthrene	17.17	178	572700	3.859	ng/ul
76) Fluoranthene	19.20	202	636520	4.018	ng/ul
79) Pyrene	19.56	202	544818	4.598	ng/ul#
82) Benzo(a)anthracene	21.32	228	301033	2.560	ng/ul#
84) Chrysene	21.38	228	453381	4.134	ng/ul#
87) Benzo(b)fluoranthene	22.93	252	387545	3.454	ng/ul#
88) Benzo(k)fluoranthene	22.97	252	119460	1.158	ng/ul#
90) Benzo(a)pyrene	23.51	252	258011	2.439	ng/ul#
91) Indeno(1,2,3-cd)pyrene	25.90	276	179250	1.444	ng/ul#
93) Benzo(g,h,i)perylene	26.61	276	145054	1.387	ng/ul#

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

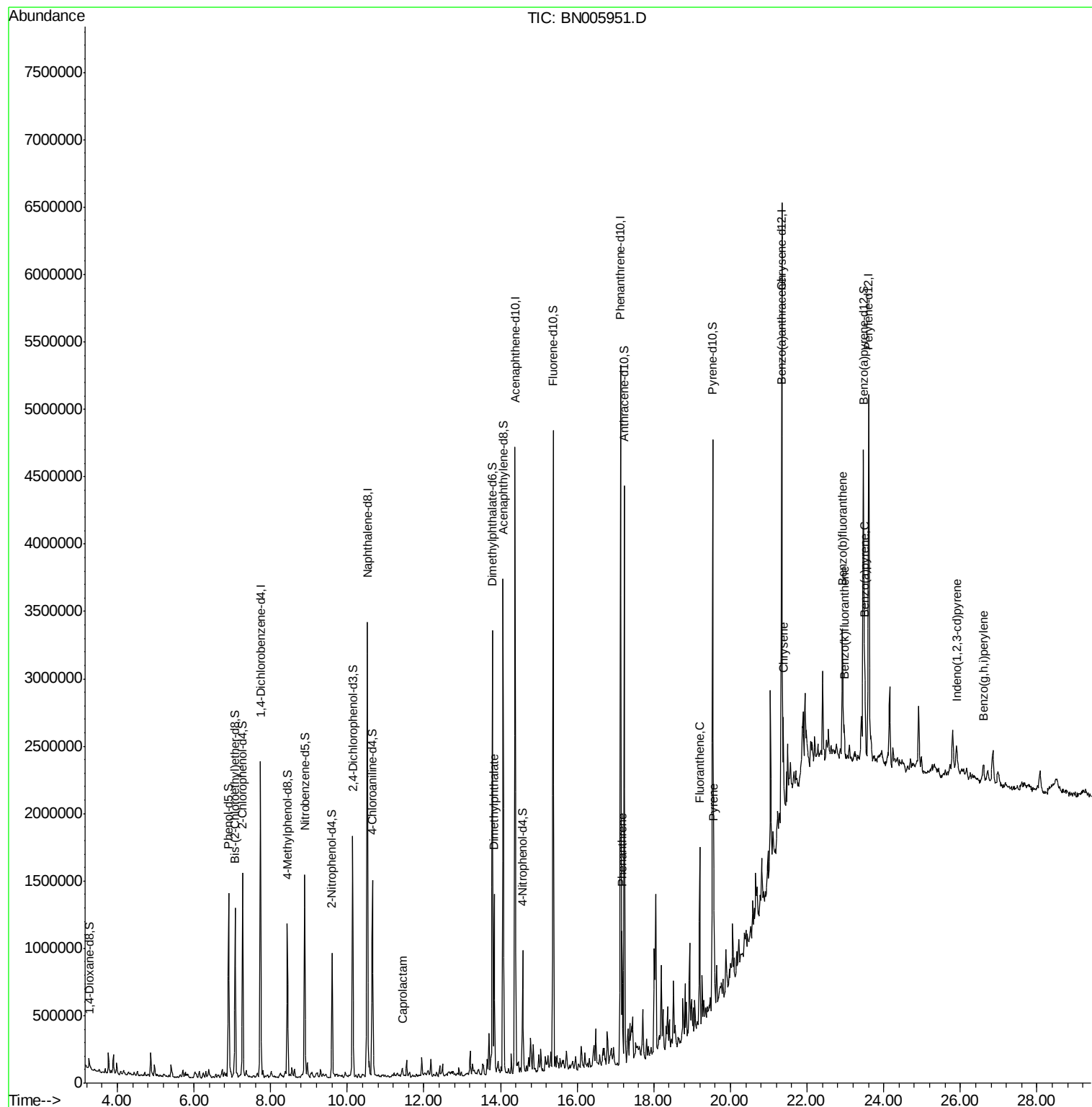
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
Data File : BN005951.D
Acq On : 30 May 2019 03:11
Operator : JU/SJ
Sample : K2928-07RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

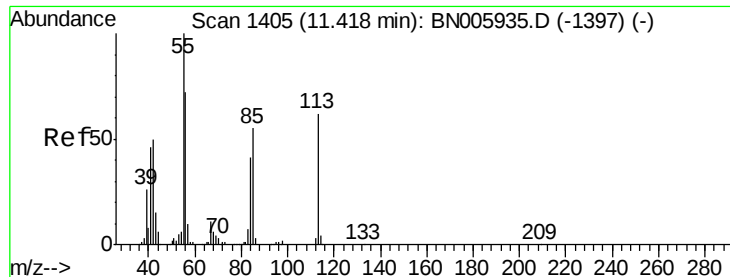
Instrument :
BNA_N
ClientSampleId :
A42C3

Quant Time: May 30 07:32:40 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

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#32

Caprolactam

Concen: 2.006 ng/ul m

RT: 11.44 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BN005951.D

Acq: 30 May 2019 03:11

Instrument :

BNA_N

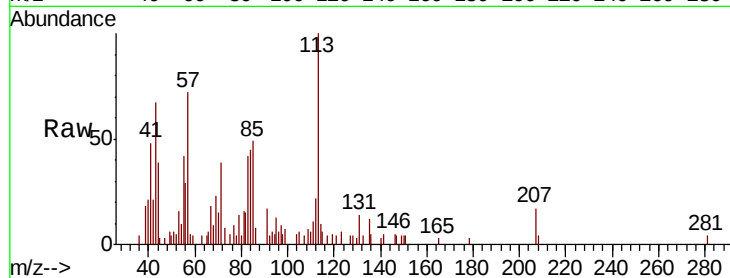
ClientSampled :

A42C3

Tot Ion:	113	Resp:	30573
Ion Ratio	Lower	Upper	
113	100		
55	42.1	157.0	235.4#
56	29.1	119.1	178.7#

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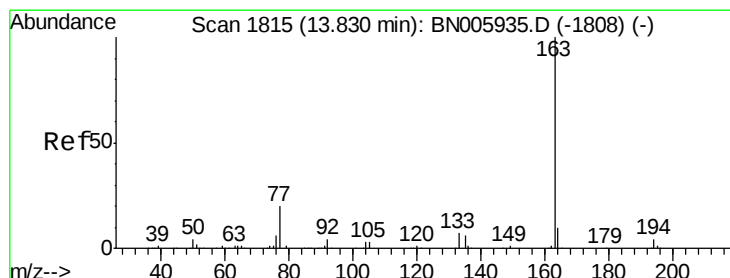
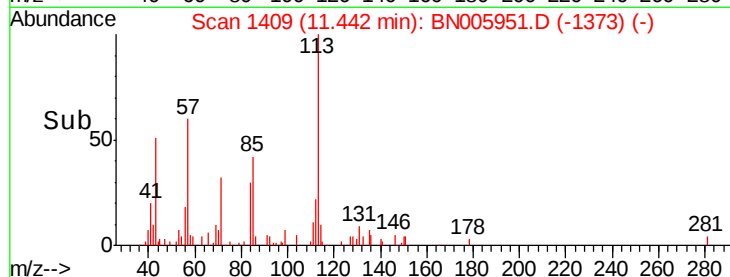
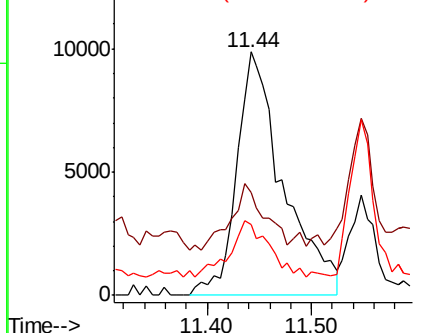
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#44

Dimethylphthalate

Concen: 7.006 ng/ul

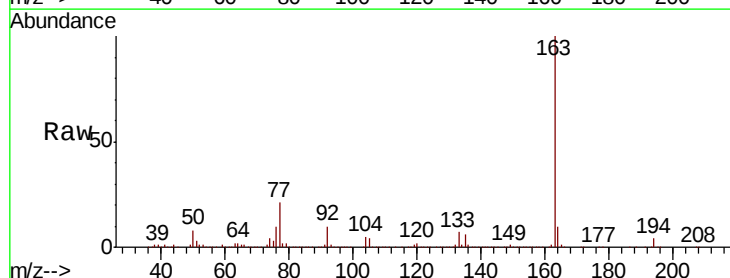
RT: 13.84 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BN005951.D

Acq: 30 May 2019 03:11

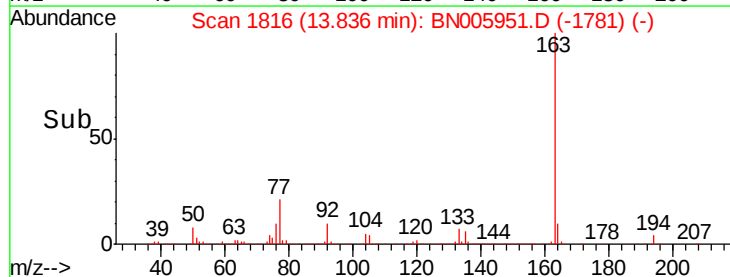
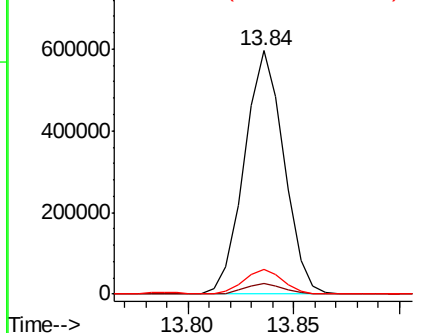
Tgt Ion:	163	Resp:	773924
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	9.9	8.1	12.1

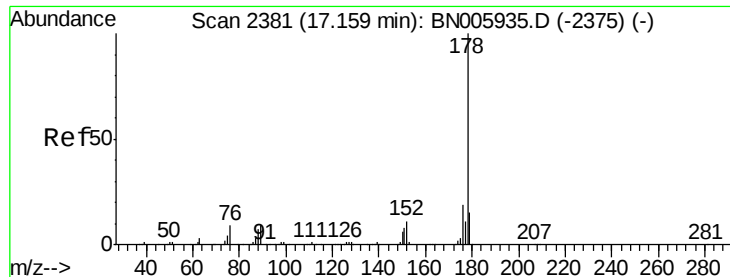


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





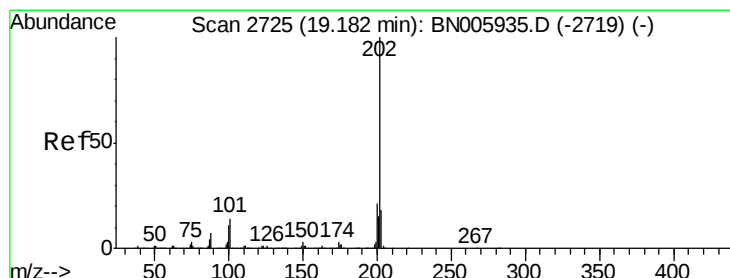
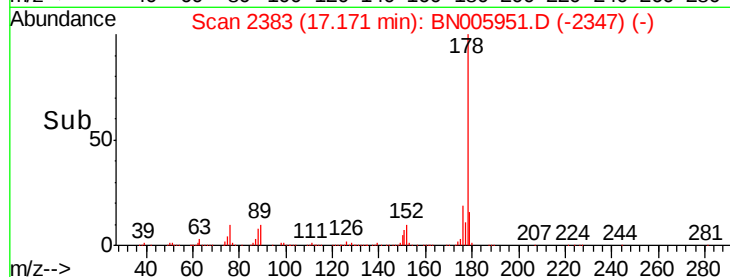
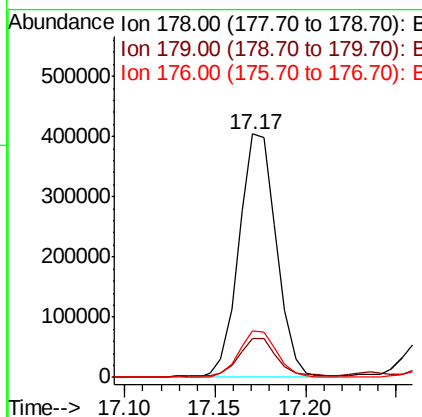
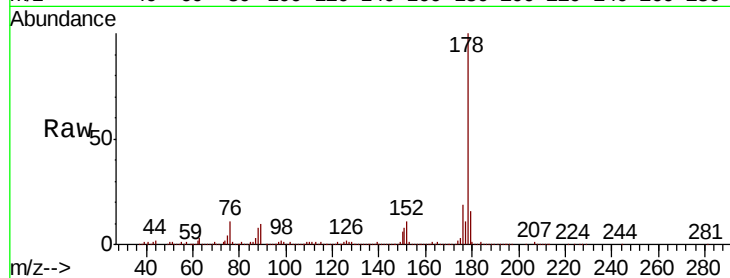
#69
Phenanthrene
Concen: 3.859 ng/ul
RT: 17.17 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BN005951.D
Acq: 30 May 2019 03:11

Instrument :
BNA_N
ClientSampled :
A42C3

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	19.1	15.1	22.7

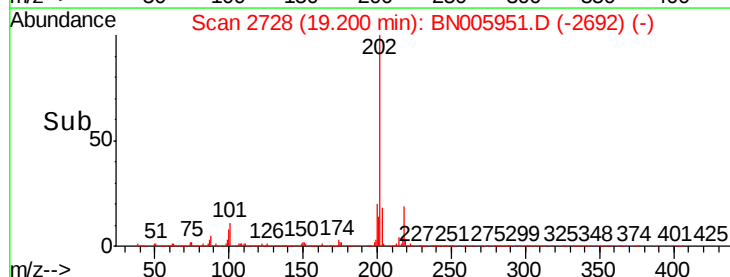
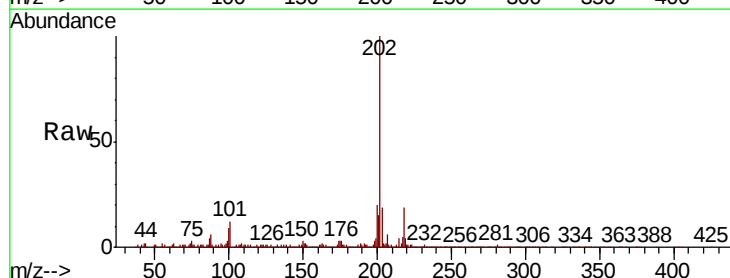
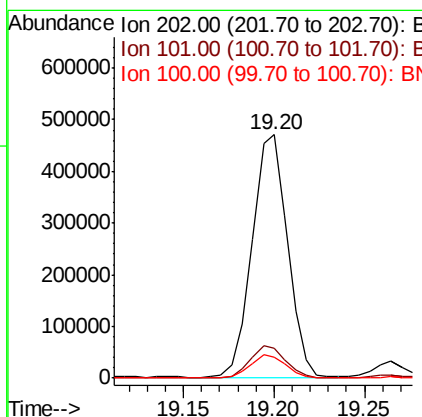
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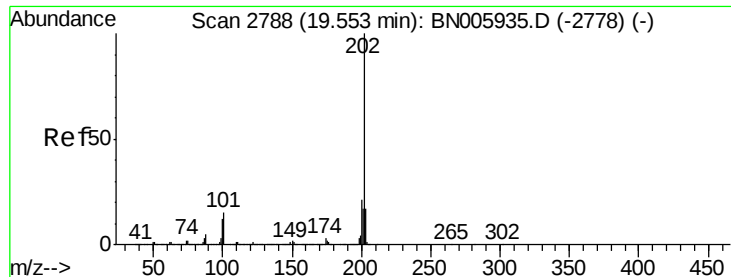
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#76
Fluoranthene
Concen: 4.018 ng/ul
RT: 19.20 min Scan# 2728
Delta R.T. 0.01 min
Lab File: BN005951.D
Acq: 30 May 2019 03:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.6	12.8
100	8.8	6.3	9.5





#79

Pvrene

Concen: 4.598 ng/ul

RT: 19.56 min Scan# 2790

Delta R.T. 0.01 min

Lab File: BN005951.D

Acq: 30 May 2019 03:11

Instrument :

BNA_N

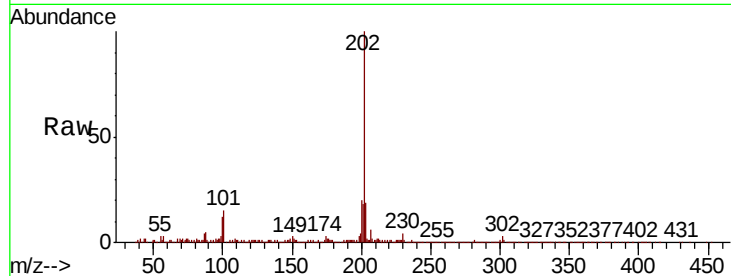
ClientSampled :

A42C3

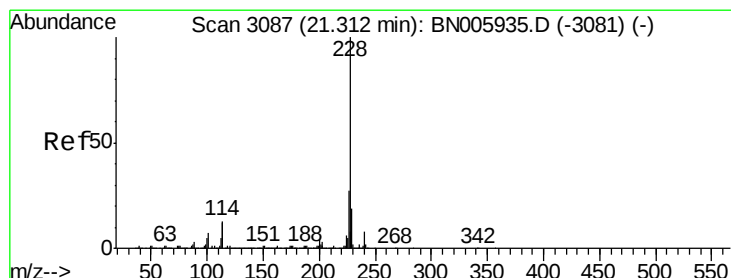
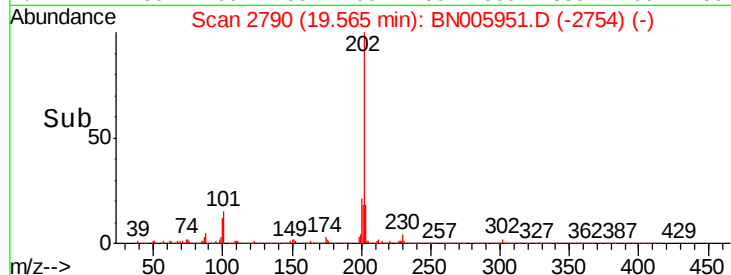
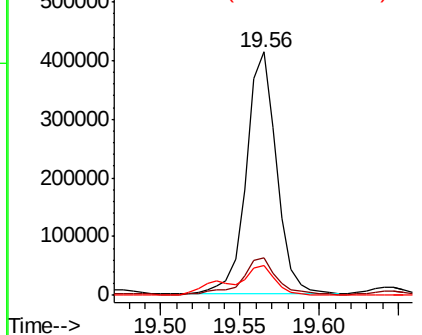
Tot Ion:	202	Resp:	544818
Ion Ratio	Lower	Upper	
202	100		
101	15.3	10.3	15.5
100	12.2	7.9	11.9#

Manual Integrations
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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



#82

Benzo(a)anthracene

Concen: 2.560 ng/ul

RT: 21.32 min Scan# 3089

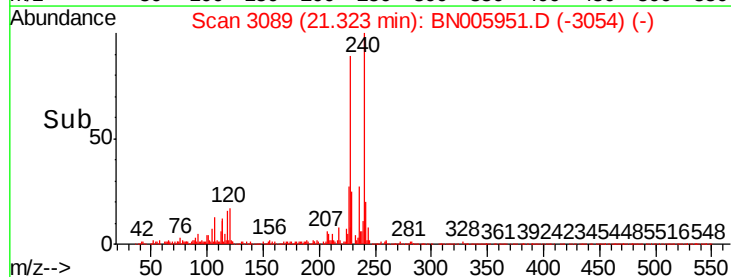
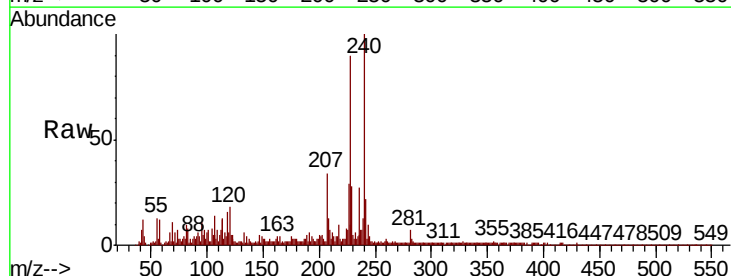
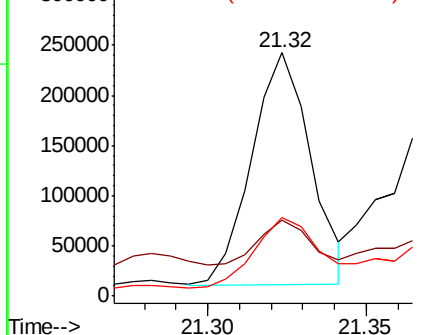
Delta R.T. 0.01 min

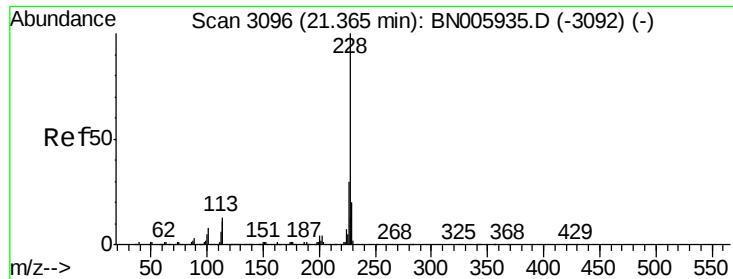
Lab File: BN005951.D

Acq: 30 May 2019 03:11

Tgt Ion:	228	Resp:	301033
Ion Ratio	Lower	Upper	
228	100		
229	31.2	15.8	23.6#
226	32.4	21.4	32.2#

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





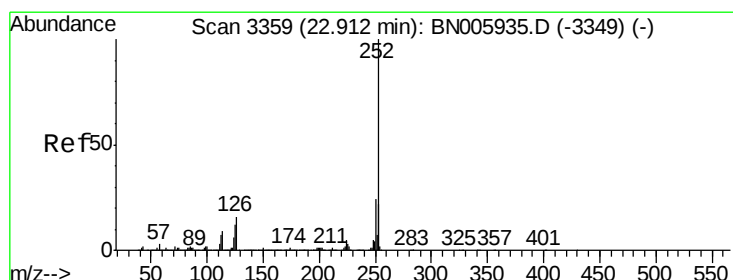
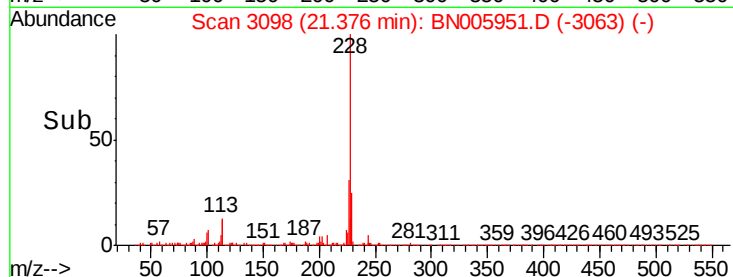
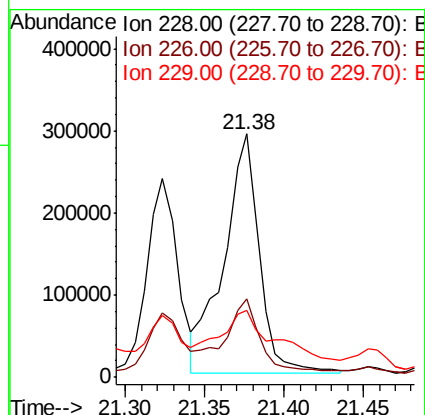
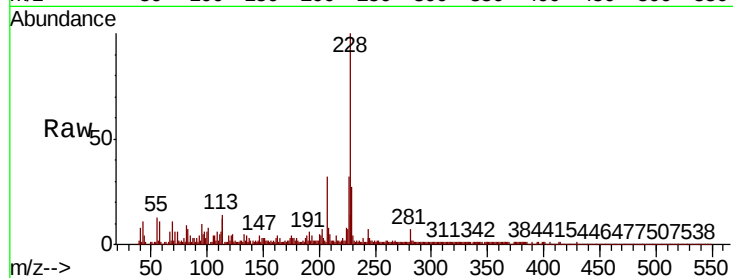
#84
Chrysene
Concen: 4.134 ng/ul
RT: 21.38 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BN005951.D
Acq: 30 May 2019 03:11

Instrument :
BNA_N
ClientSampleId :
A42C3

Tot Ion:228	Resp:	453381
Ion Ratio	Lower	Upper
228 100		
226 32.1	24.0	36.0
229 27.3	15.4	23.0#

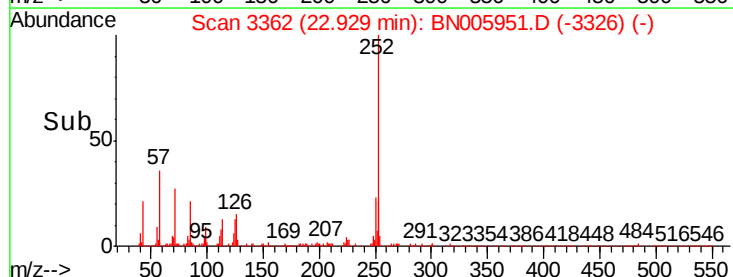
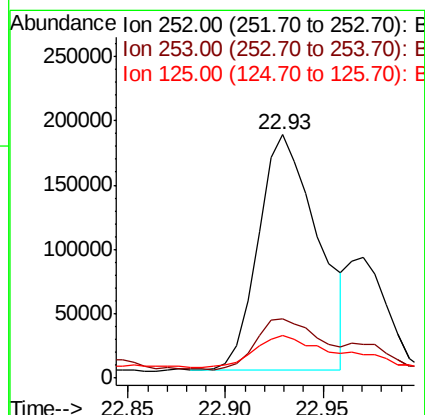
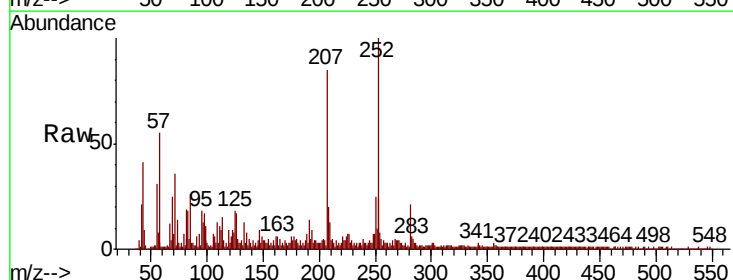
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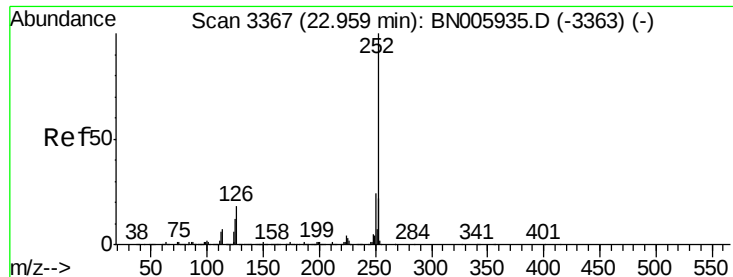
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#87
Benzo(b)fluoranthene
Concen: 3.454 ng/ul
RT: 22.93 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BN005951.D
Acq: 30 May 2019 03:11

Tgt Ion:252	Resp:	387545
Ion Ratio	Lower	Upper
252 100		
253 24.5	17.7	26.5
125 17.7	8.4	12.6#





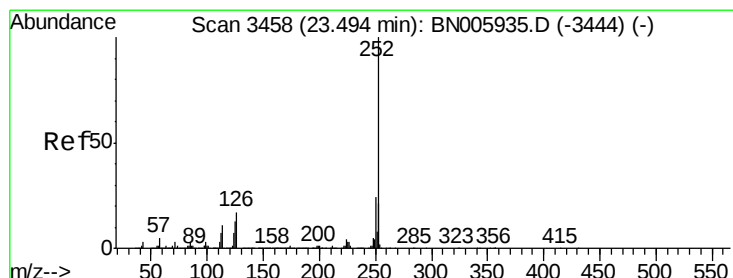
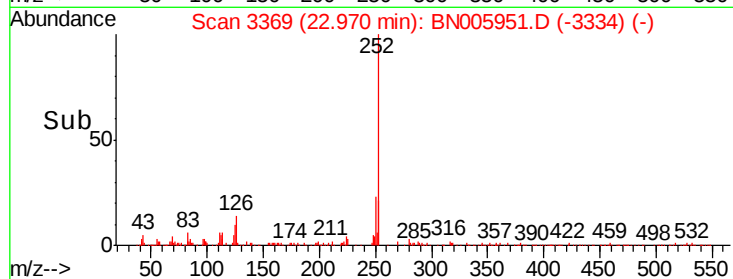
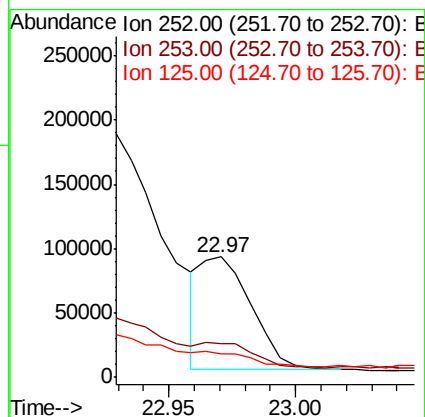
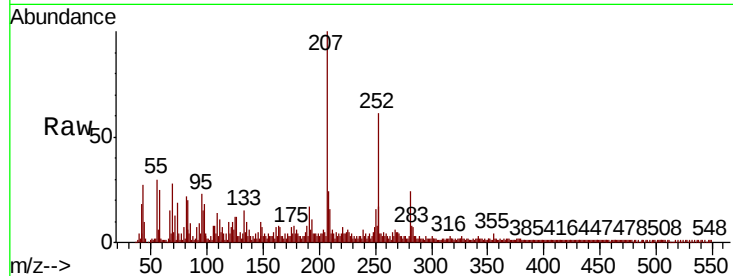
#88
Benzo(k)fluoranthene
Concen: 1.158 ng/ul
RT: 22.97 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BN005951.D
Acq: 30 May 2019 03:11

Instrument :
BNA_N
ClientSampled :
A42C3

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.4	26.0#
125	19.0	7.5	11.3#

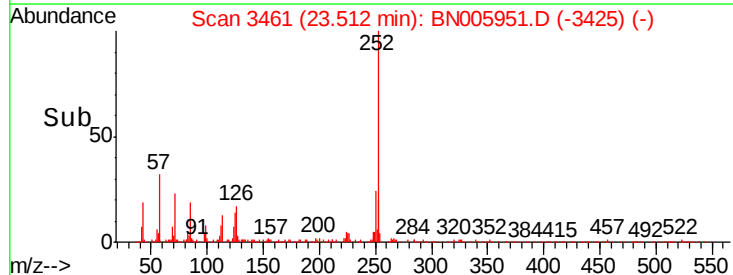
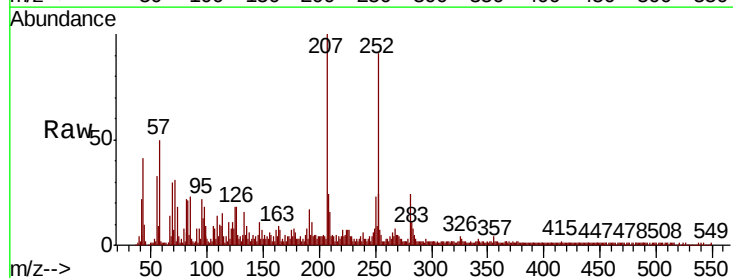
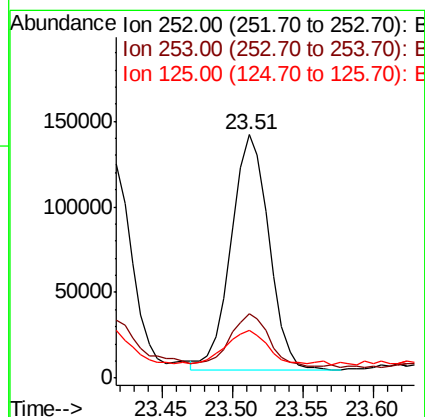
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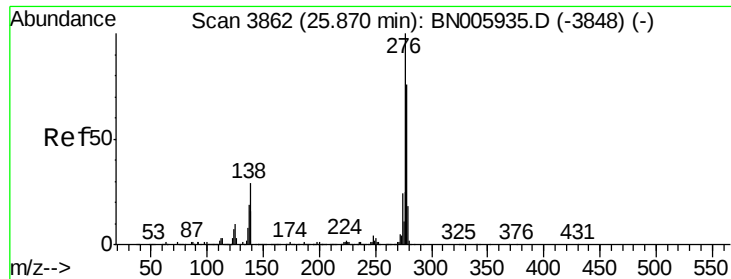
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#90
Benzo(a)pyrene
Concen: 2.439 ng/ul
RT: 23.51 min Scan# 3461
Delta R.T. 0.01 min
Lab File: BN005951.D
Acq: 30 May 2019 03:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.3	25.9#
125	19.6	8.6	13.0#





#91

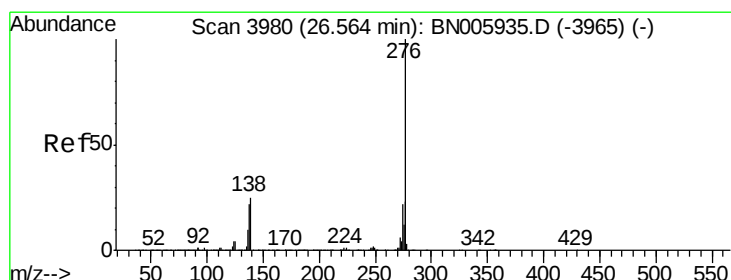
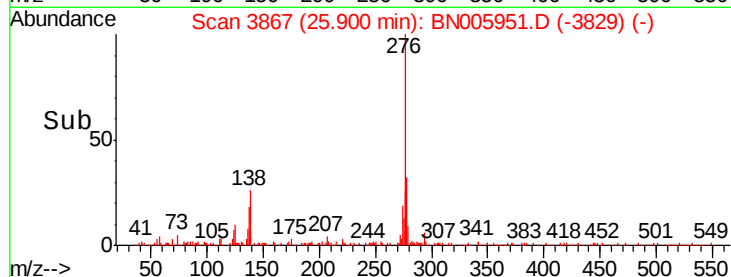
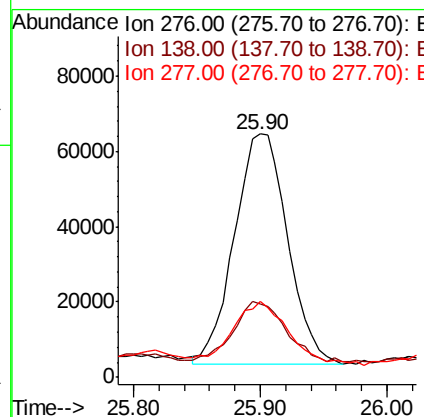
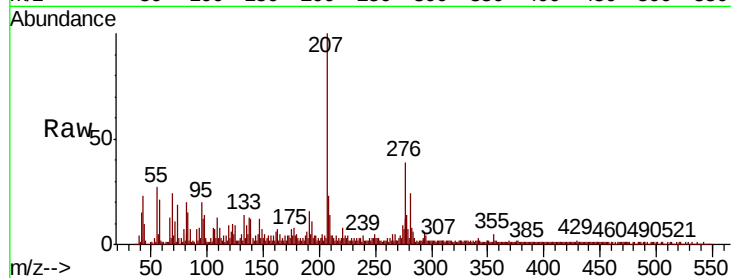
Indeno(1,2,3-cd)pyrene
Concen: 1.444 ng/ul
RT: 25.90 min Scan# 3867
Delta R.T. 0.03 min
Lab File: BN005951.D
Acq: 30 May 2019 03:11

Instrument :
BNA_N
ClientSampleId :
A42C3

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.9	17.9	26.9#
277	31.2	19.7	29.5#

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#93

Benzo(g,h,i)perylene
Concen: 1.387 ng/ul
RT: 26.61 min Scan# 3987
Delta R.T. 0.04 min
Lab File: BN005951.D
Acq: 30 May 2019 03:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	16.7	25.1#
277	29.1	18.2	27.2#

