

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
 Data File : BN005995.D
 Acq On : 01 Jun 2019 00:04
 Operator : JU/SJ
 Sample : K2924-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4278

Manual Integrations
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mohammad
 6/5/2019 6:11:46 AM

Quant Time: Jun 01 02:54:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 01 01:49:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	446366	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	1864384	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	936311	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1656365	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1128992	20.00	ng/ul	-0.01
85) Perylene-d12	23.66	264	1336854	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	64167	6.33	ng/uL	0.00
5) Phenol-d5	6.92	99	1278893	32.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	789644	34.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	1074308	35.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	1003318	31.42	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	550490	46.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	574777	51.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	996613	37.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	908929	26.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	2821683	40.88	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	3337789	38.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	318308	25.34	ng/ul	0.00
57) Fluorene-d10	15.40	176	2191231	37.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	77207	11.44	ng/ul	0.00
70) Anthracene-d10	17.25	188	2641187	37.47	ng/ul	0.00
78) Pyrene-d10	19.56	212	2372265	41.60	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	2213746	37.11	ng/ul	-0.01

Target Compounds

					Ovalue	
6) Phenol	6.94	94	41886	1.028	ng/ul	97
44) Dimethylphthalate	13.85	163	886015	12.843	ng/ul	100
69) Phenanthrene	17.19	178	353333	4.305	ng/ul	100
76) Fluoranthene	19.22	202	690050	7.876	ng/ul	98
79) Pyrene	19.59	202	571806	7.995	ng/ul	96
82) Benzo(a)anthracene	21.35	228	286349	4.035	ng/ul	93
84) Chrysene	21.40	228	310141m	4.685	ng/ul	
87) Benzo(b)fluoranthene	22.97	252	425999	5.673	ng/ul#	90
88) Benzo(k)fluoranthene	23.01	252	131388	1.903	ng/ul#	80
90) Benzo(a)pyrene	23.56	252	272049	3.842	ng/ul#	88
91) Indeno(1,2,3-cd)pyrene	25.96	276	204744	2.464	ng/ul	94
93) Benzo(g,h,i)perylene	26.68	276	134459	1.921	ng/ul#	86

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

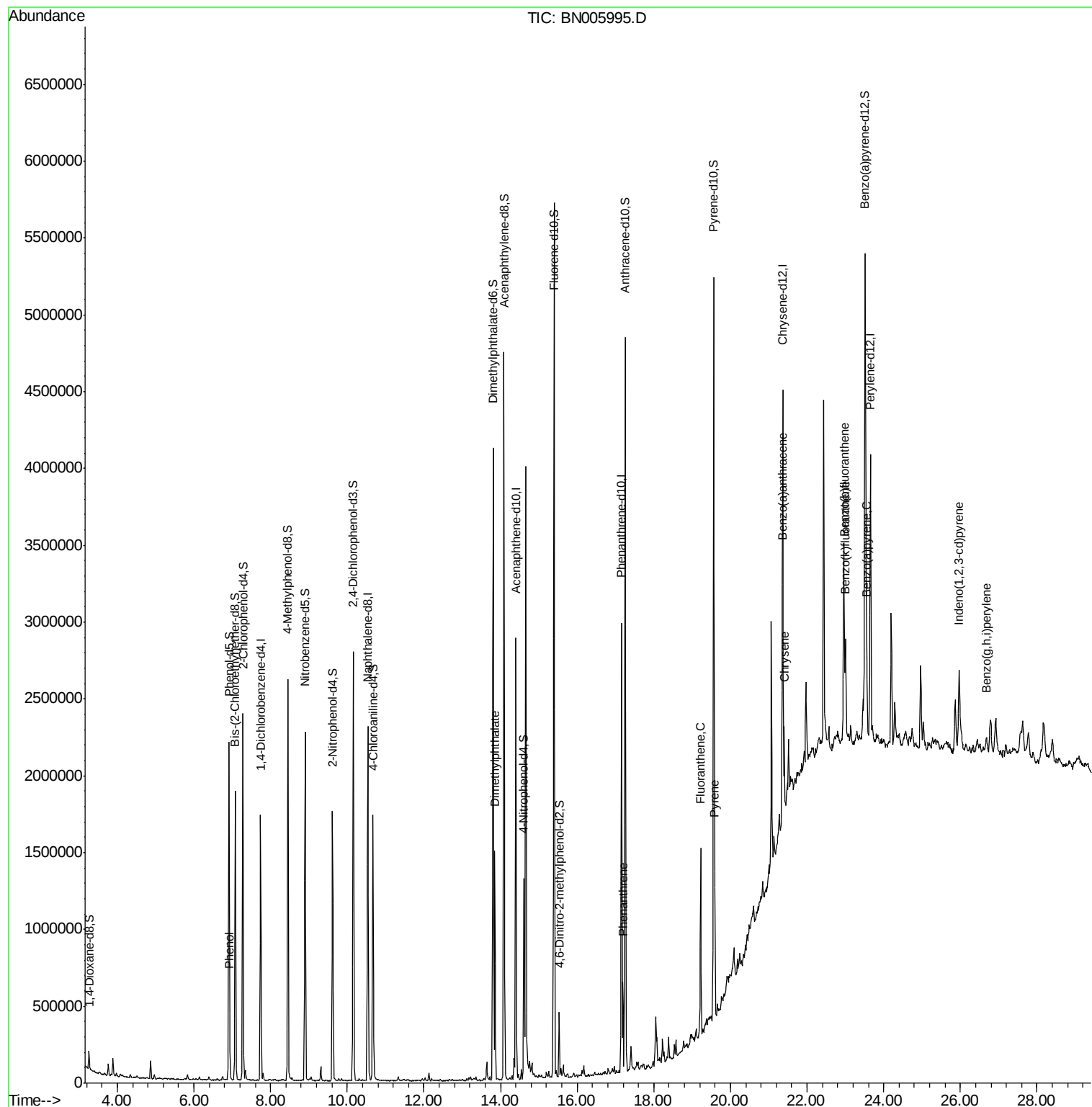
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\
Data File : BN005995.D
Acq On : 01 Jun 2019 00:04
Operator : JU/SJ
Sample : K2924-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

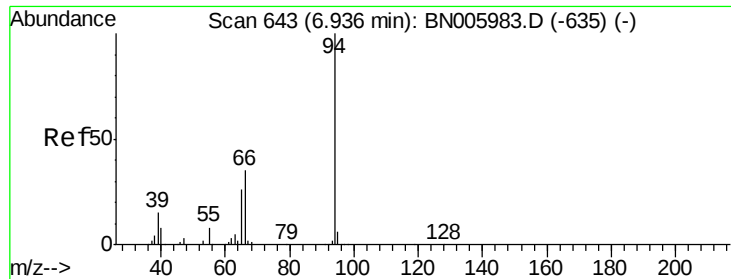
Instrument :
BNA_N
ClientSampled :
A4278

Quant Time: Jun 01 02:54:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 1.028 ng/ul

RT: 6.94 min Scan# 644

Delta R.T. 0.01 min

Lab File: BN005995.D

Acq: 01 Jun 2019 00:04

Instrument :

BNA_N

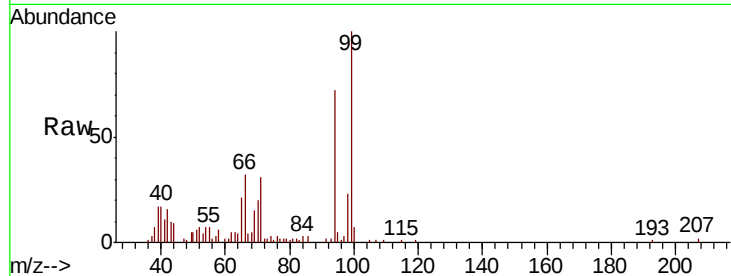
ClientSampled :

A4278

Tot Ion:	94	Resp:	41886
Ion	Ratio	Lower	Upper
94	100		
65	29.8	24.2	36.4
66	45.2	33.8	50.6

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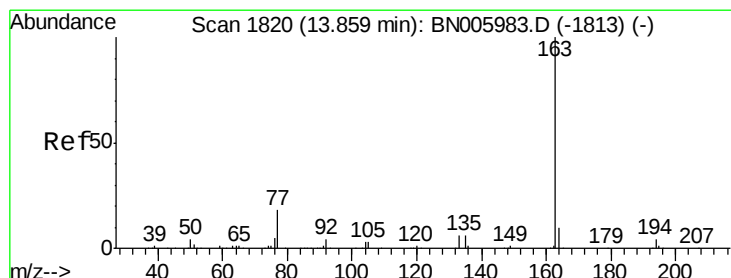
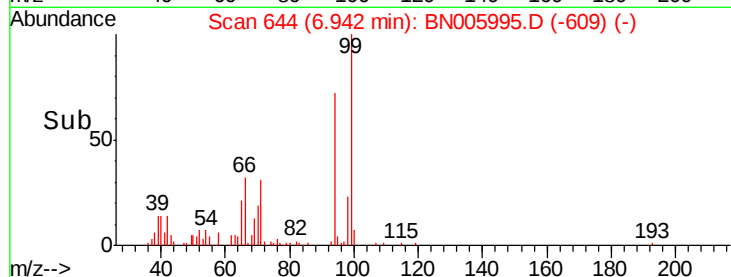
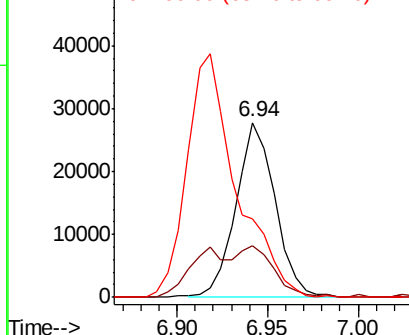


Abundance

Ion 94.00 (93.70 to 94.70): BN005983.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BN005983.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BN005983.D (-635) (-)



#44

Dimethylphthalate

Concen: 12.843 ng/ul

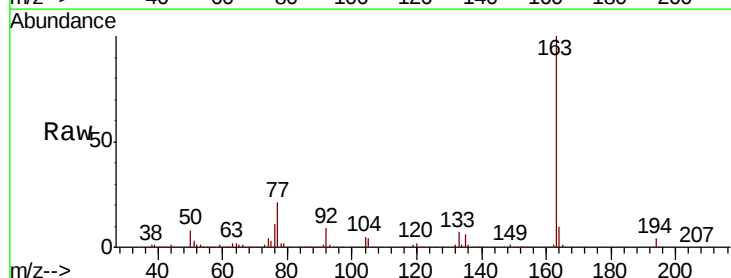
RT: 13.85 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BN005995.D

Acq: 01 Jun 2019 00:04

Tgt Ion:	163	Resp:	886015
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.2	8.1	12.1

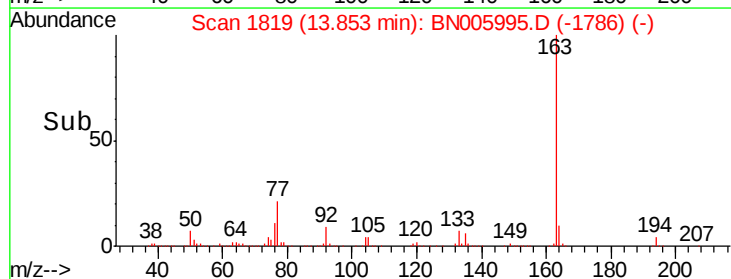
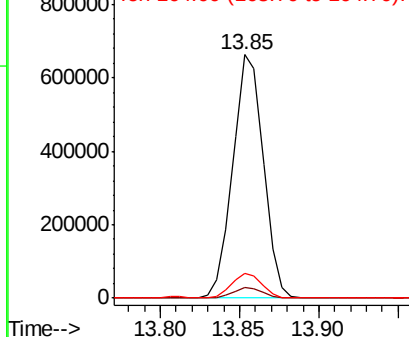


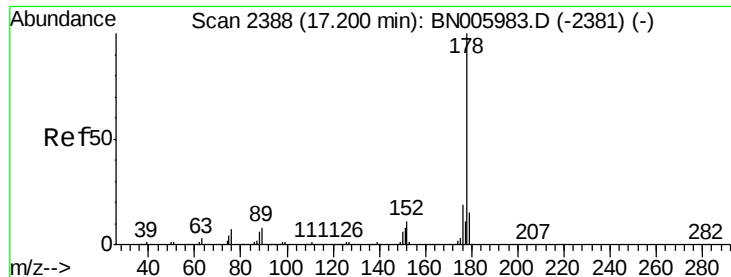
Abundance

Ion 163.00 (162.70 to 163.70): BN005983.D (-1813) (-)

Ion 194.00 (193.70 to 194.70): BN005983.D (-1813) (-)

Ion 164.00 (163.70 to 164.70): BN005983.D (-1813) (-)





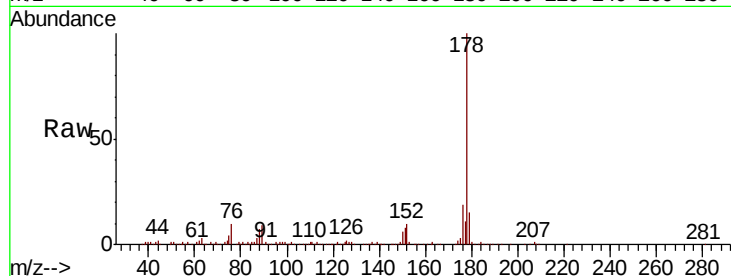
#69
Phenanthrene
Concen: 4.305 ng/ul
RT: 17.19 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

Instrument :
BNA_N
ClientSampleId :
A4278

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.0	15.1	22.7

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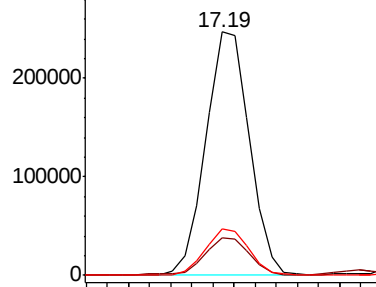


Abundance

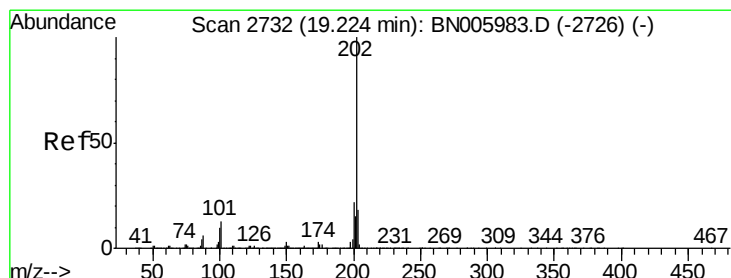
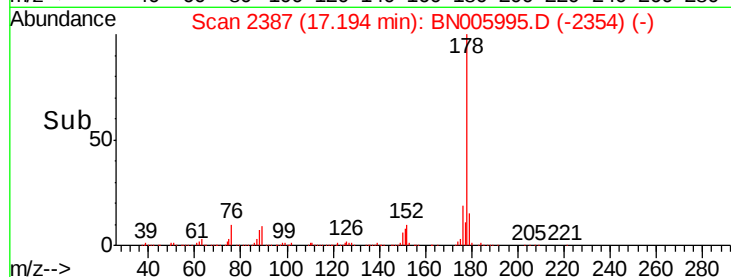
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#76
Fluoranthene
Concen: 7.876 ng/ul
RT: 19.22 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

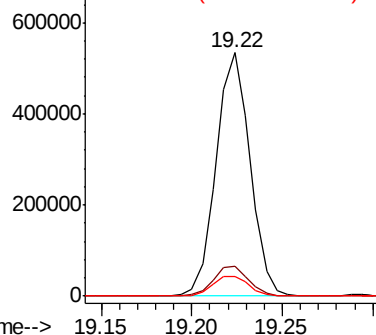
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.6	12.8
100	8.3	6.3	9.5

Abundance

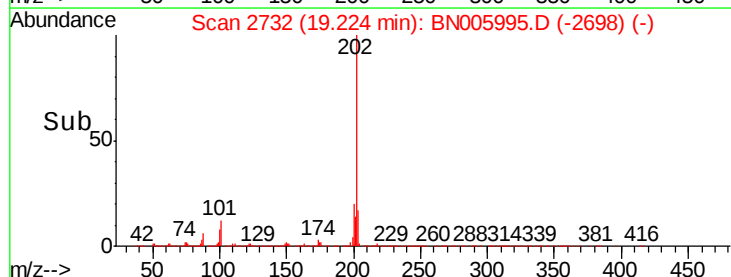
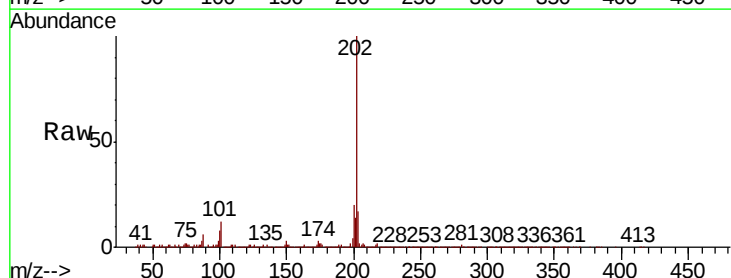
Ion 202.00 (201.70 to 202.70): E

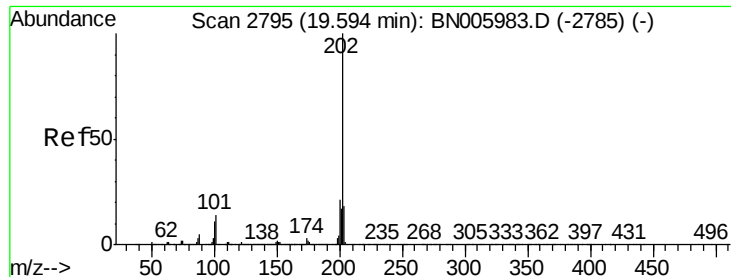
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





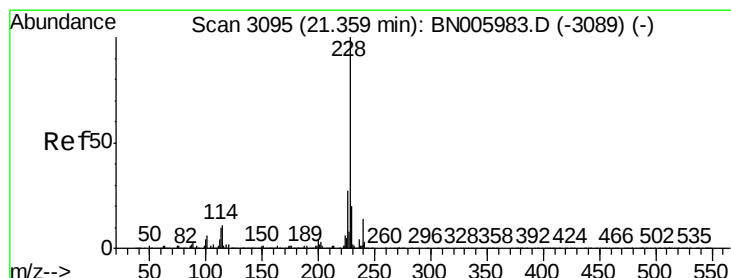
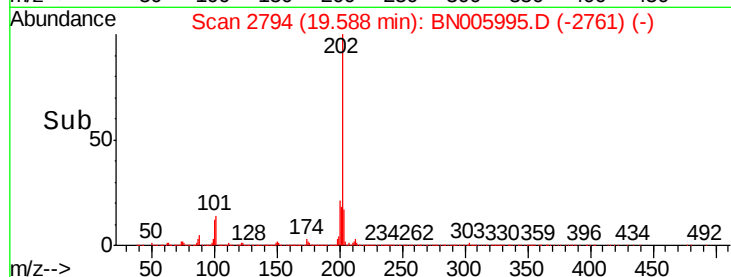
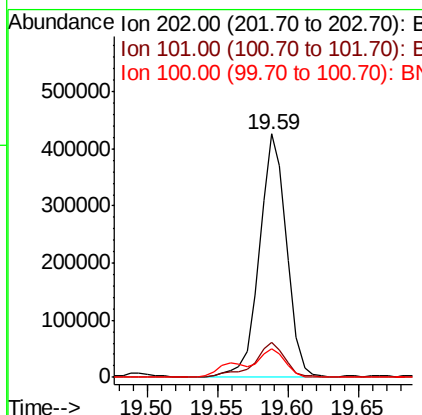
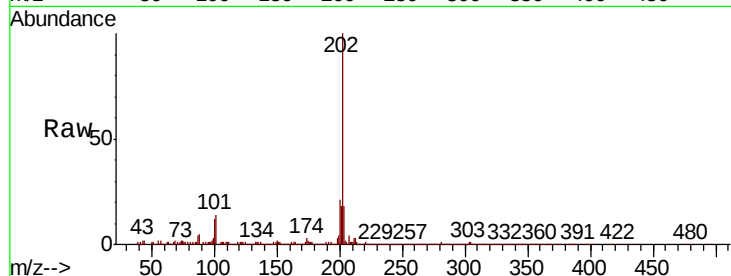
#79
Pvrene
Concen: 7.995 ng/ul
RT: 19.59 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

Instrument :
BNA_N
ClientSampled :
A4278

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.5	10.3	15.5
100	11.6	7.9	11.9

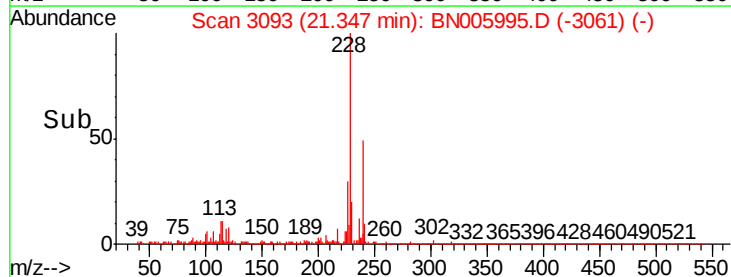
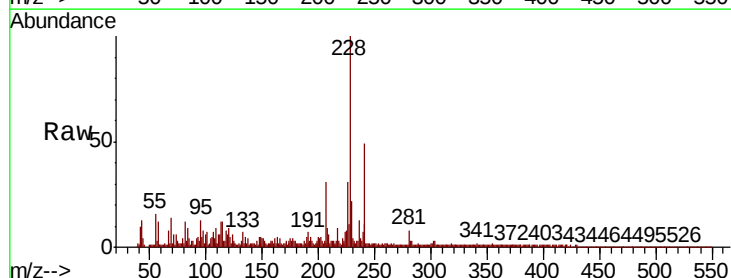
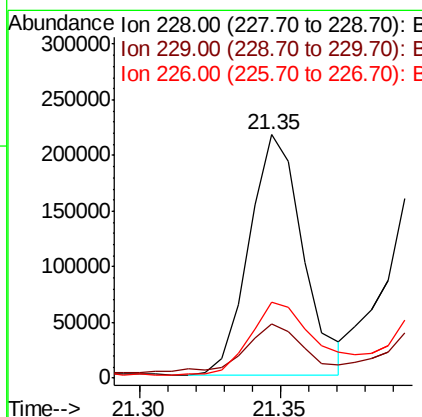
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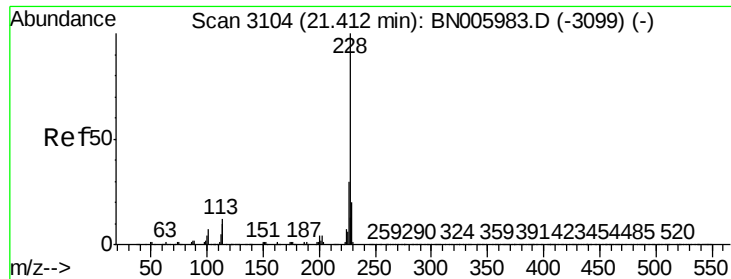
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#82
Benzo(a)anthracene
Concen: 4.035 ng/ul
RT: 21.35 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.4	15.8	23.6
226	31.0	21.4	32.2





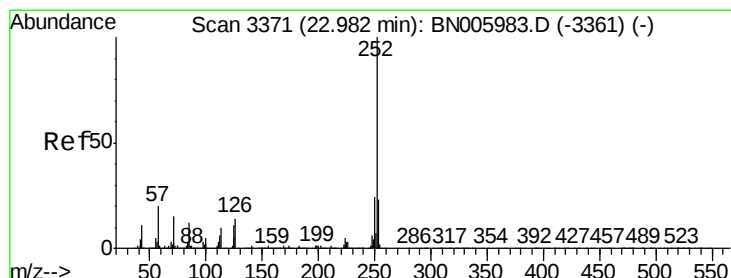
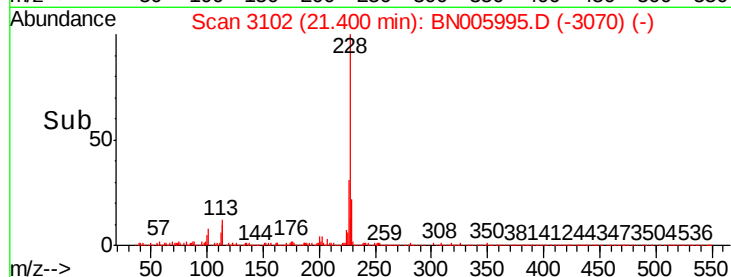
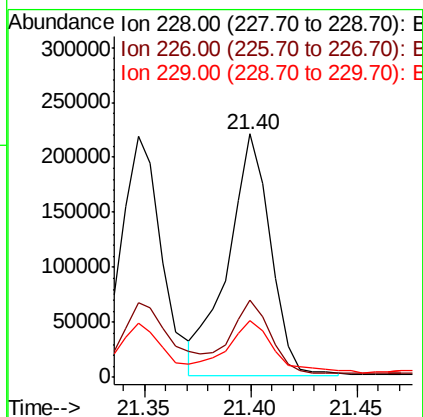
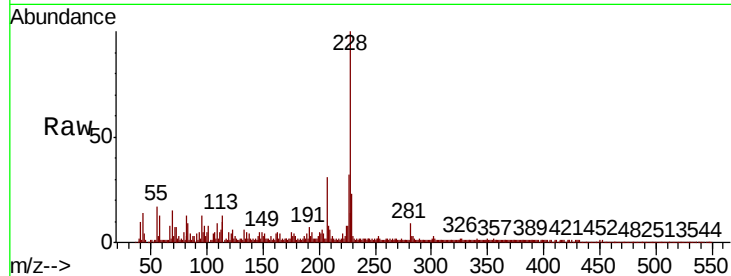
#84
Chrysene
Concen: 4.685 ng/ul m
RT: 21.40 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

Instrument :
BNA_N
ClientSampled :
A4278

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.5	24.0	36.0	
229	23.3	15.4	23.0	

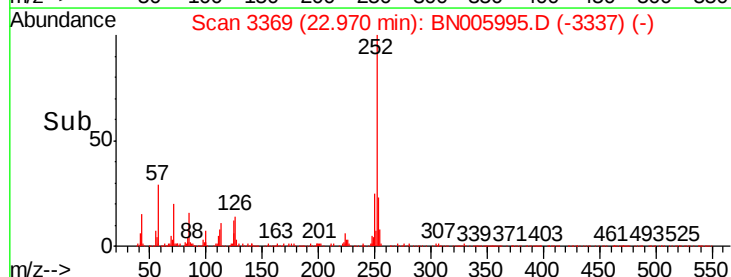
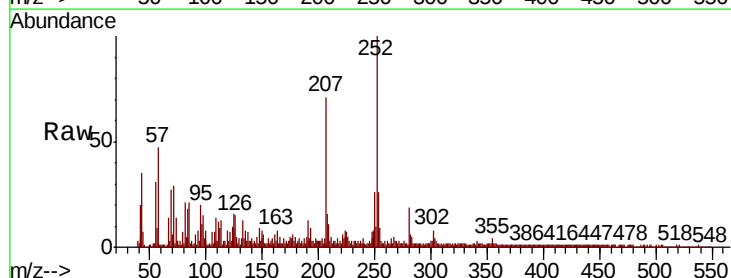
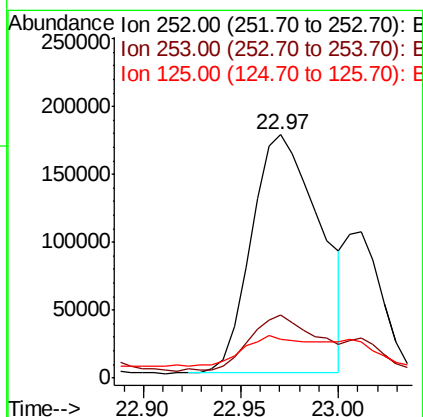
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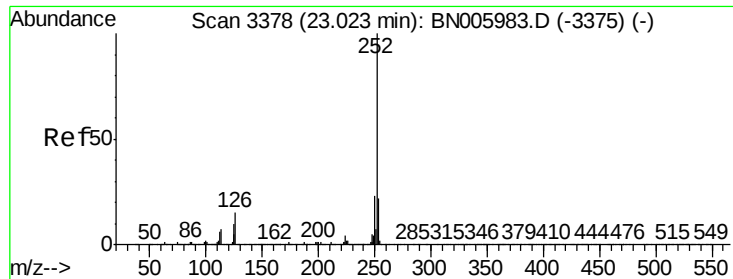
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#87
Benzo(b)fluoranthene
Concen: 5.673 ng/ul
RT: 22.97 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	26.0	17.7	26.5	
125	16.2	8.4	12.6	





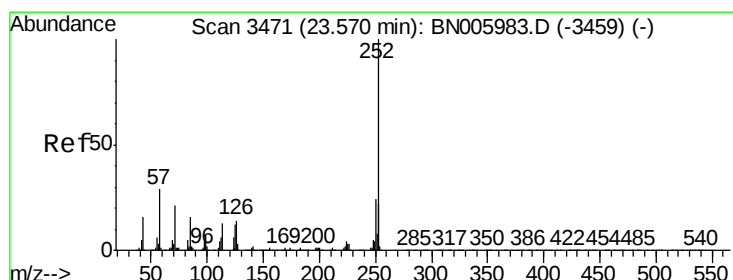
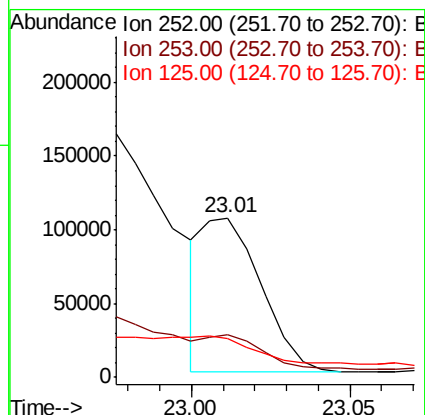
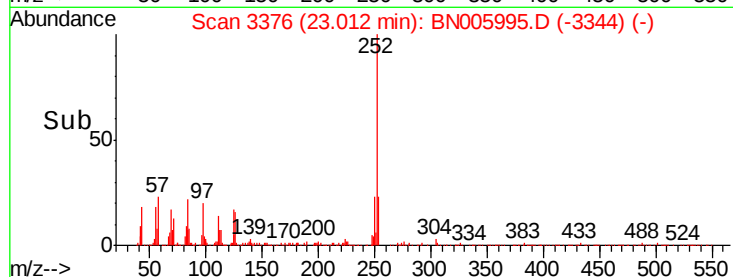
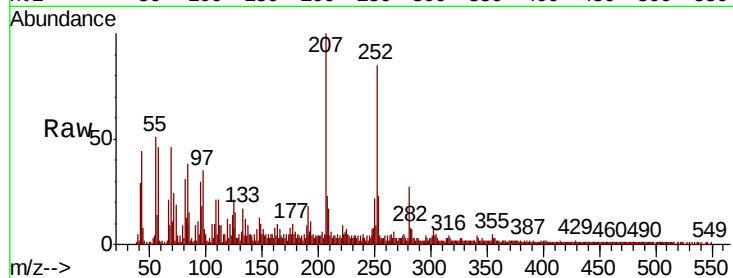
#88
Benzo(k)fluoranthene
Concen: 1.903 ng/u1
RT: 23.01 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

Instrument :
BNA_N
ClientSampleId :
A4278

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.4	26.0#
125	24.4	7.5	11.3#

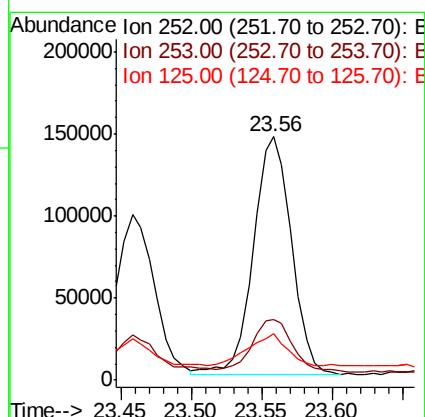
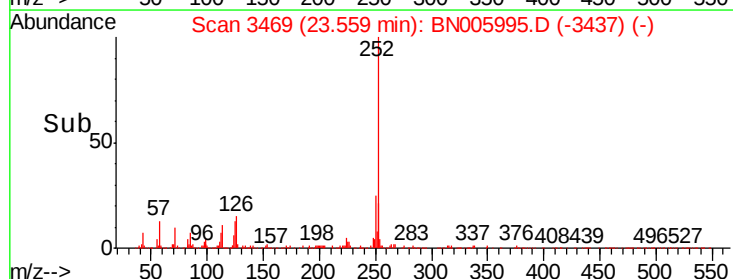
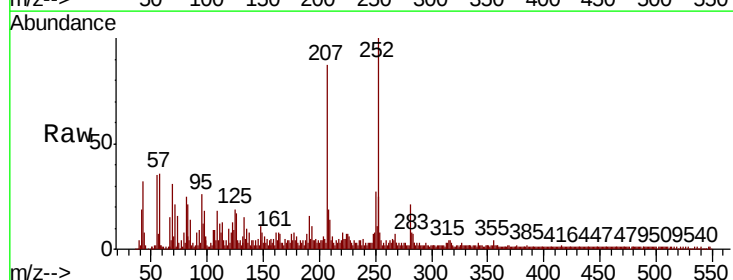
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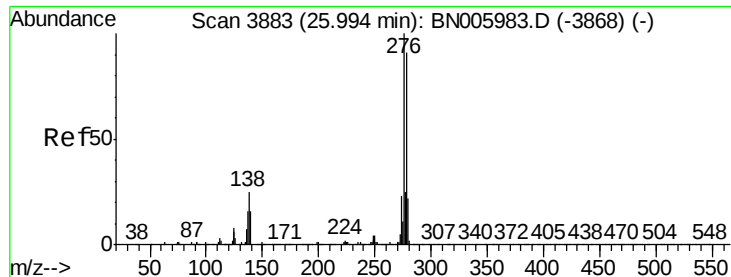
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#90
Benzo(a)pyrene
Concen: 3.842 ng/u1
RT: 23.56 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.3	25.9
125	19.0	8.6	13.0#





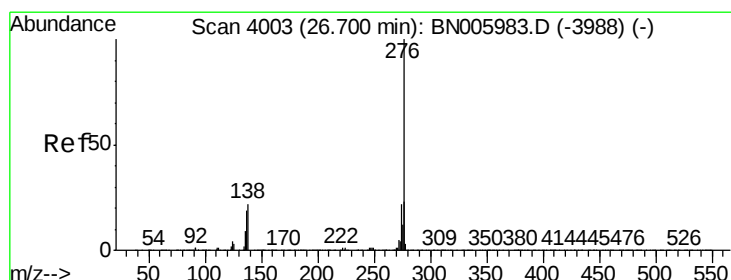
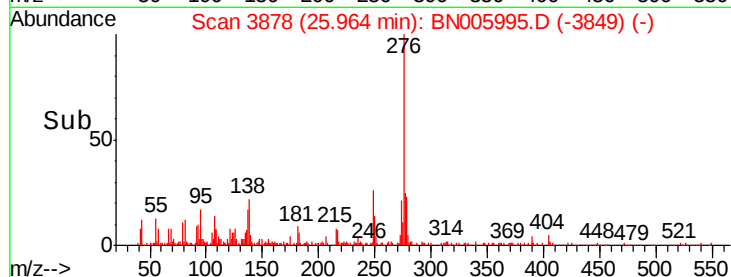
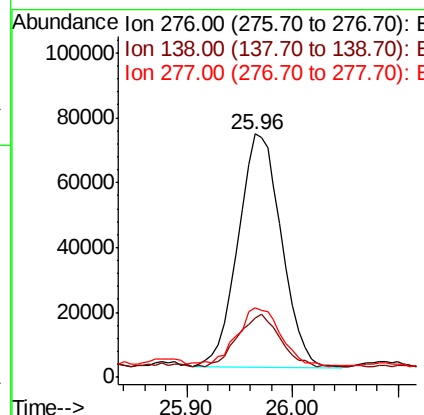
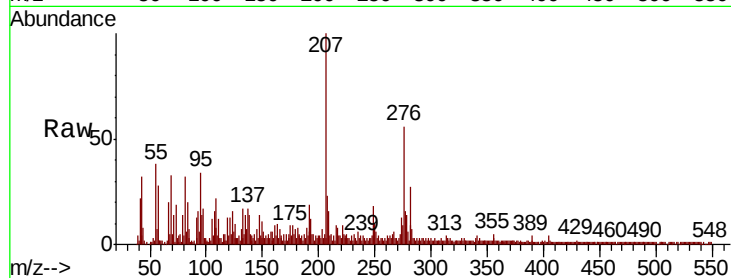
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.464 ng/ul
RT: 25.96 min Scan# 3878
Delta R.T. -0.03 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

Instrument :
BNA_N
ClientSampleId :
A4278

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	17.9	26.9
277	28.3	19.7	29.5

Manual Integrations
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#93
Benzo(g,h,i)perylene
Concen: 1.921 ng/ul
RT: 26.68 min Scan# 3999
Delta R.T. -0.02 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	16.7	25.1#
277	29.6	18.2	27.2#

