

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
 Data File : BN005545.D
 Acq On : 08 May 2019 22:53
 Operator : JU/SJ
 Sample : K2606-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 09 02:34:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 07 05:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	289799	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1266653	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	817857	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1936274	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1396122	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	1327721	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	20752	3.46	ng/uL	0.00
5) Phenol-d5	6.77	99	483765	21.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	278731	19.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	406980	23.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	390710	21.96	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	215283	27.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	242344	30.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	453381	25.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	320451	17.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1501897	25.30	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1897204	26.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	194784	20.78	ng/ul	0.00
57) Fluorene-d10	15.22	176	1356427	27.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	163588	18.78	ng/ul	0.00
70) Anthracene-d10	17.07	188	2088284	25.73	ng/ul	0.00
78) Pyrene-d10	19.39	212	2152830	30.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1537786	26.50	ng/ul	-0.01

Target Compounds

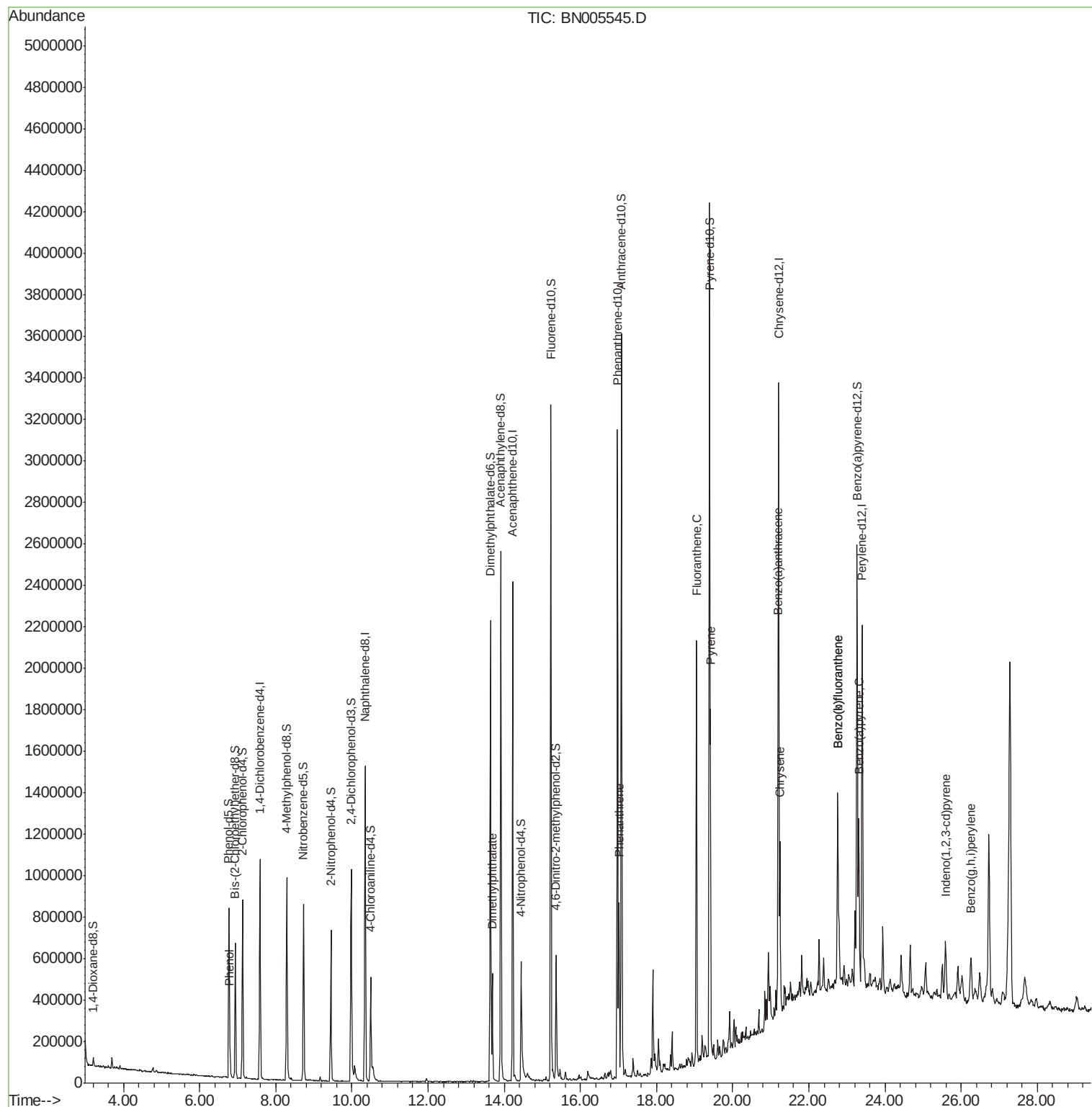
					Ovalue	
6) Phenol	6.80	94	48632	2.077	ng/ul	99
44) Dimethylphthalate	13.69	163	354574	5.994	ng/ul	99
69) Phenanthrene	17.02	178	495066	5.250	ng/ul	99
76) Fluoranthene	19.05	202	1267102	12.114	ng/ul	95
79) Pyrene	19.42	202	980273	10.905	ng/ul	95
82) Benzo(a)anthracene	21.19	228	361819	4.166	ng/ul	97
84) Chrysene	21.24	228	492744	6.113	ng/ul	97
87) Benzo(b)fluoranthene	22.75	252	620872	8.319	ng/ul	97
88) Benzo(k)fluoranthene	22.75	252	620872	8.710	ng/ul	97
90) Benzo(a)pyrene	23.31	252	344972	4.917	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.59	276	272967	3.519	ng/ul#	91
93) Benzo(g,h,i)perylene	26.25	276	259934	4.053	ng/ul	95

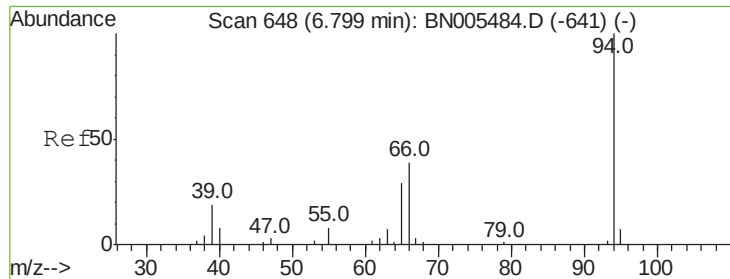
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.077 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BN005545.D

Acq: 08 May 2019 22:53

Instrument :

BNA_N

ClientSampleId :

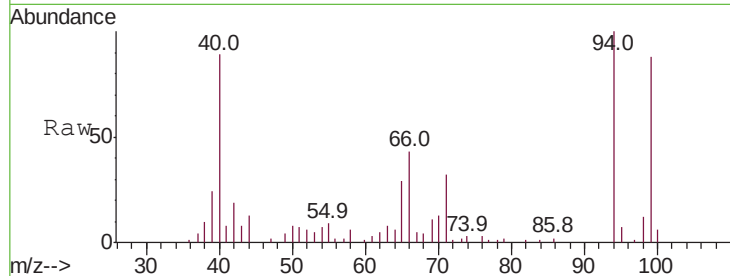
Tot Ion: 94 Resp: 48632

Ion Ratio Lower Upper

94 100

65 29.5 24.2 36.4

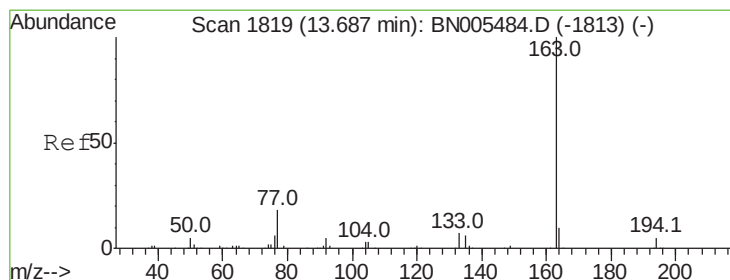
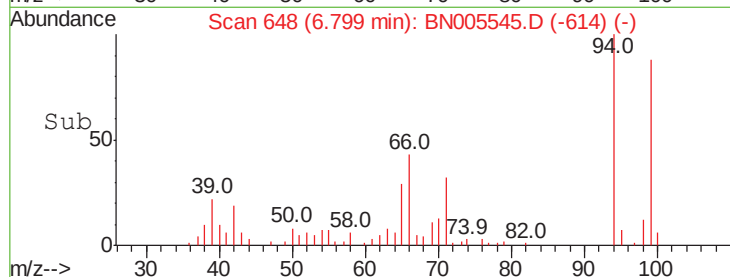
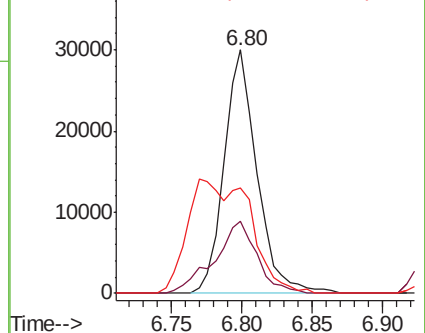
66 43.1 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN005484.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BN005484.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BN005484.D (-641) (-)



#44

Dimethylphthalate

Concen: 5.994 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BN005545.D

Acq: 08 May 2019 22:53

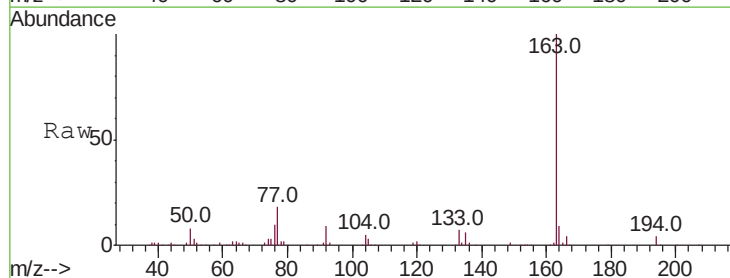
Tgt Ion:163 Resp: 354574

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

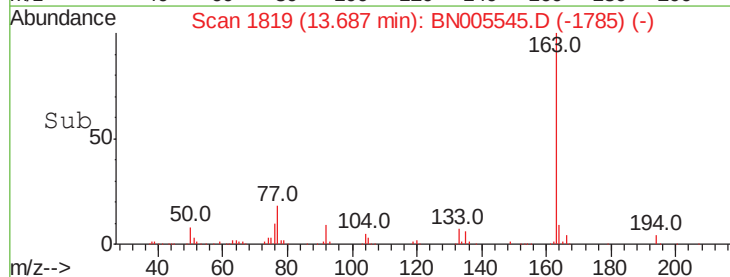
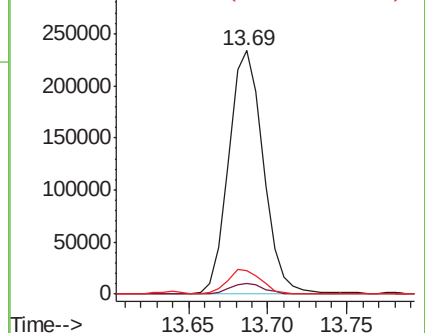
164 9.4 8.1 12.1

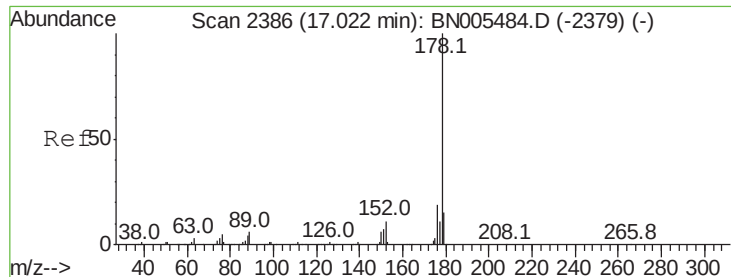


Abundance Ion 163.00 (162.70 to 163.70): BN005484.D (-1813) (-)

Ion 194.00 (193.70 to 194.70): BN005484.D (-1813) (-)

Ion 164.00 (163.70 to 164.70): BN005484.D (-1813) (-)





#69

Phenanthrene

Concen: 5.250 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BN005545.D

Acq: 08 May 2019 22:53

Instrument :

BNA_N

ClientSampleId :

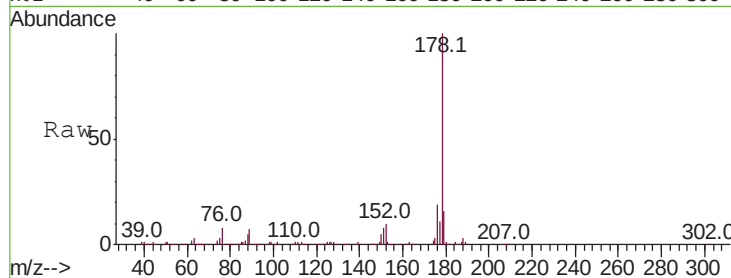
Tot Ion:178 Resp: 495066

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

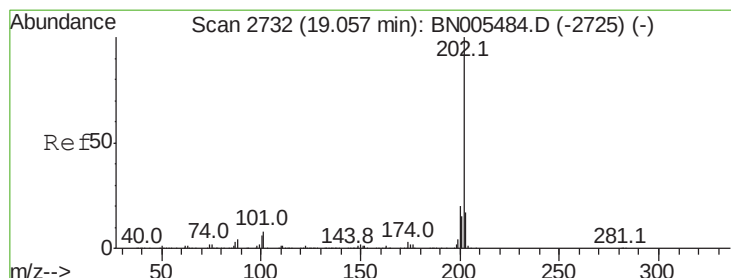
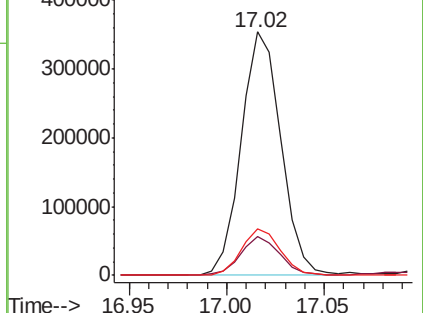
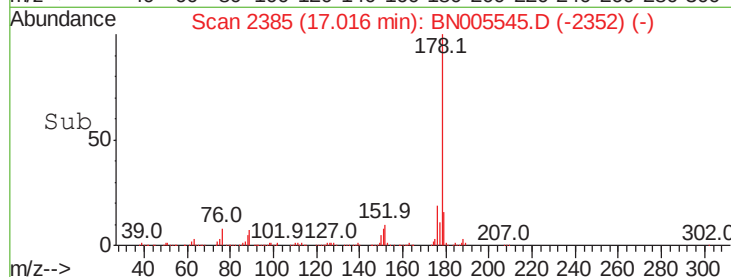
176 19.2 15.1 22.7



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: 12.114 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BN005545.D

Acq: 08 May 2019 22:53

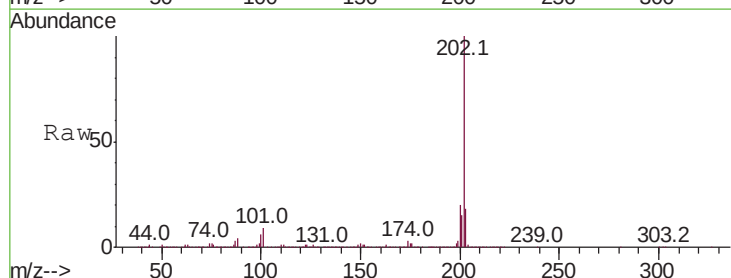
Tgt Ion:202 Resp: 1267102

Ion Ratio Lower Upper

202 100

101 8.8 8.6 12.8

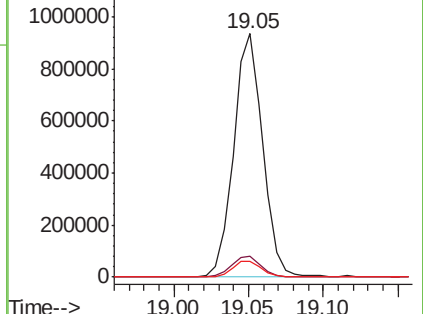
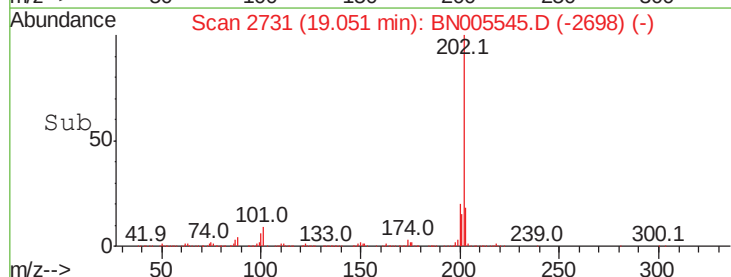
100 6.5 6.3 9.5

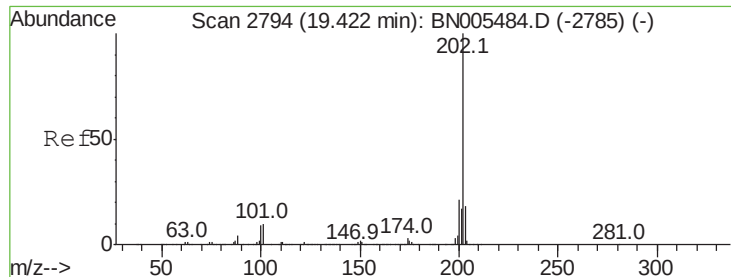


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pvrene

Concen: 10.905 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BN005545.D

Acq: 08 May 2019 22:53

Instrument :

BNA_N

ClientSampleId :

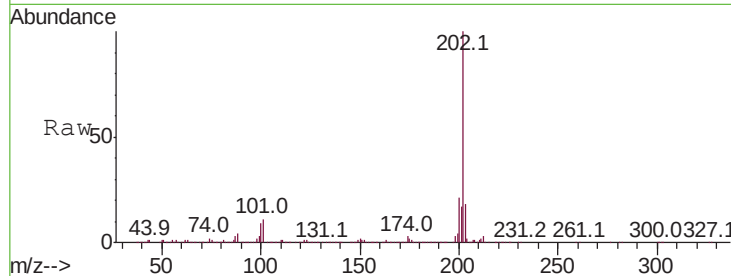
Tot Ion:202 Resp: 980273

Ion Ratio Lower Upper

202 100

101 10.6 10.3 15.5

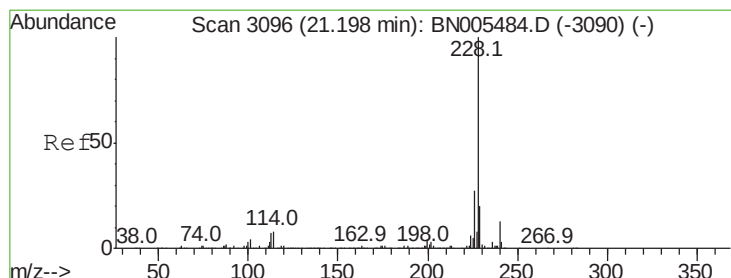
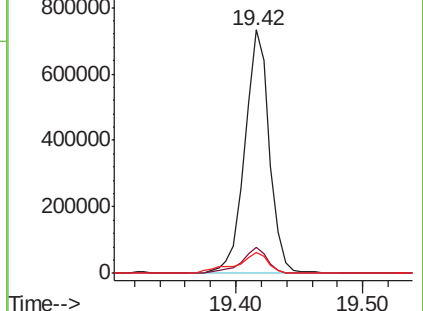
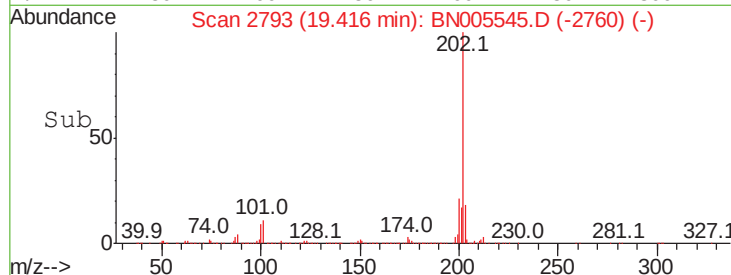
100 8.8 7.9 11.9



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): E



#82

Benzo(a)anthracene

Concen: 4.166 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN005545.D

Acq: 08 May 2019 22:53

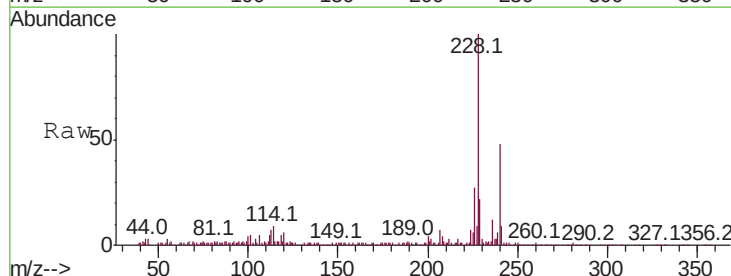
Tgt Ion:228 Resp: 361819

Ion Ratio Lower Upper

228 100

229 22.4 15.8 23.6

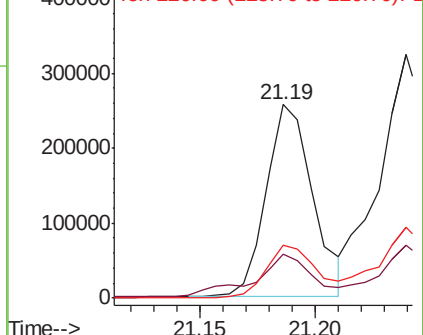
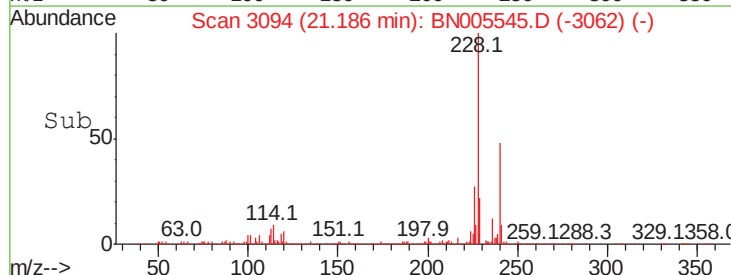
226 27.3 21.4 32.2

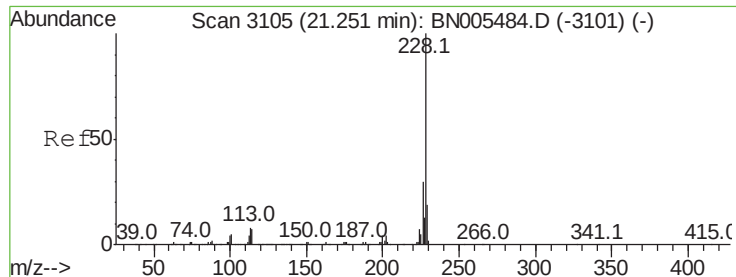


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 6.113 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN005545.D

Acq: 08 May 2019 22:53

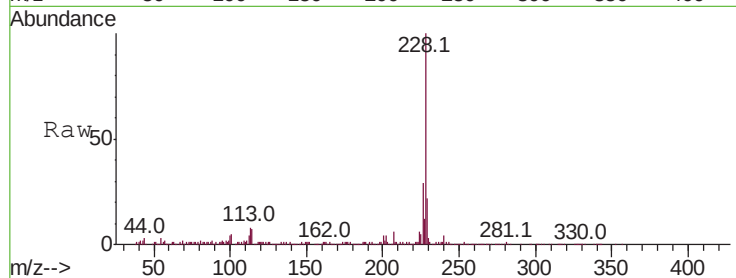
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 492744

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	21.5	15.4	23.0

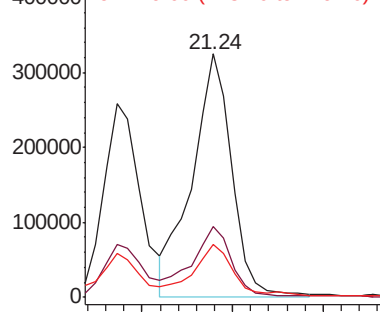


Abundance

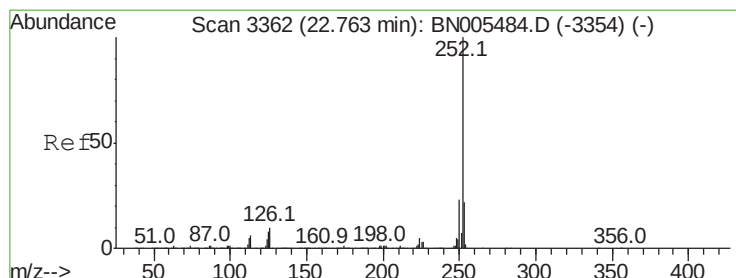
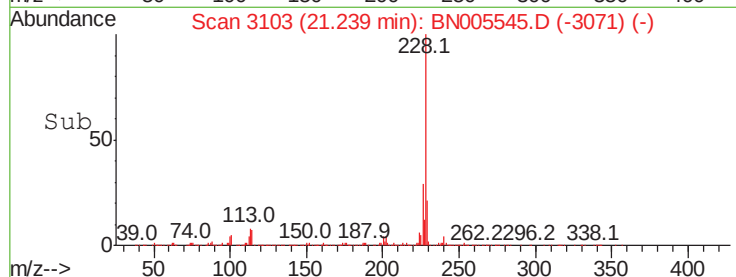
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#87

Benzo(b)fluoranthene

Concen: 8.319 ng/ul

RT: 22.75 min Scan# 3360

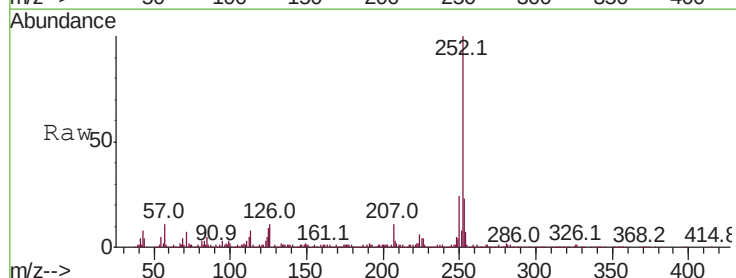
Delta R.T. -0.01 min

Lab File: BN005545.D

Acq: 08 May 2019 22:53

Tgt Ion:252 Resp: 620872

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	9.0	8.4	12.6

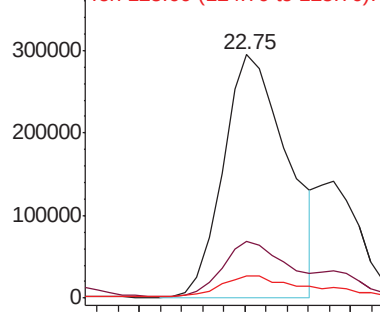


Abundance

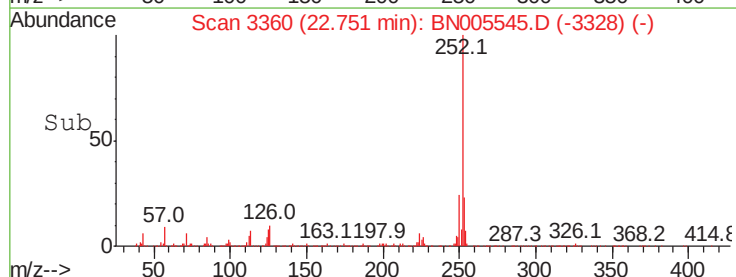
Ion 252.00 (251.70 to 252.70): E

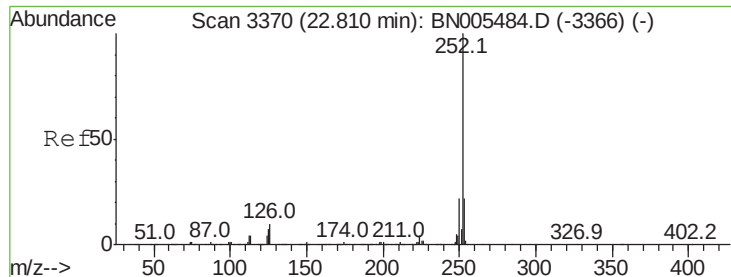
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



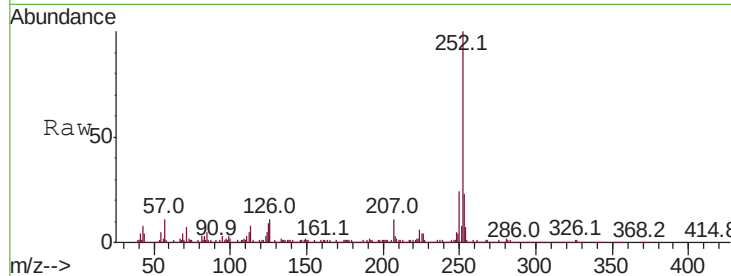


#88

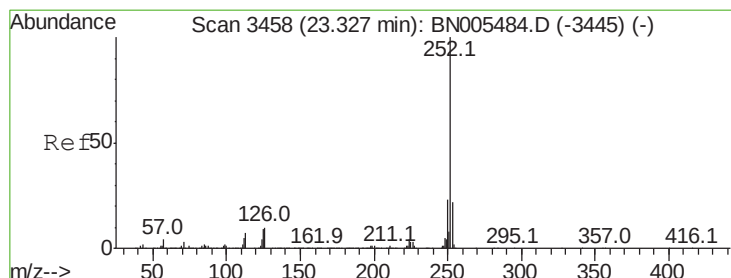
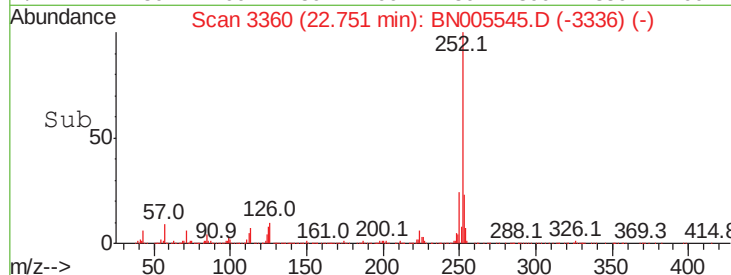
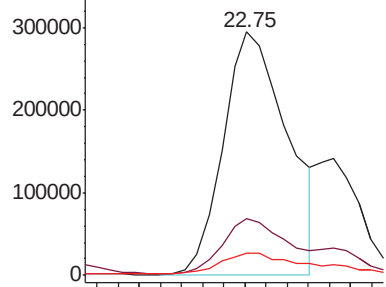
Benzo(k)fluoranthene
 Concen: 8.710 ng/ul
 RT: 22.75 min Scan# 3360
 Delta R.T. -0.06 min
 Lab File: BN005545.D
 Acq: 08 May 2019 22:53

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	9.0	7.5	11.3



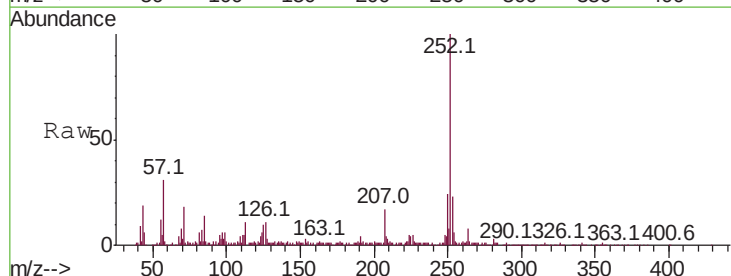
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E



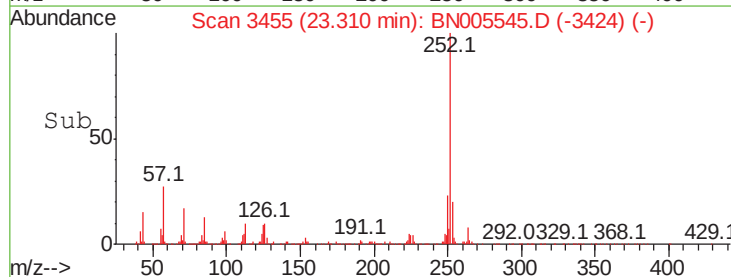
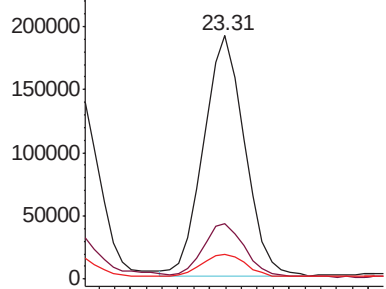
#90

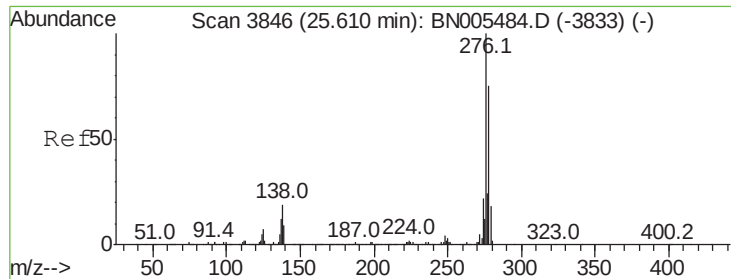
Benzo(a)pyrene
 Concen: 4.917 ng/ul
 RT: 23.31 min Scan# 3455
 Delta R.T. -0.02 min
 Lab File: BN005545.D
 Acq: 08 May 2019 22:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	10.2	8.6	13.0



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



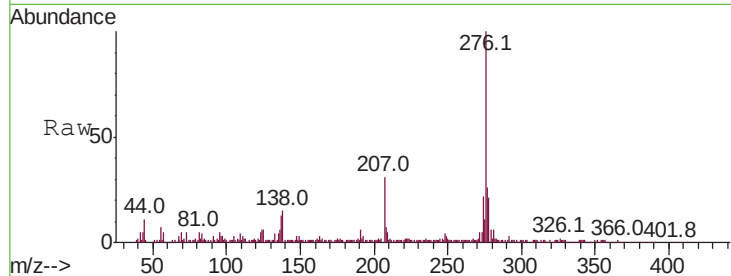


#91

Indeno(1,2,3-cd)pyrene
Concen: 3.519 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.02 min
Lab File: BN005545.D
Acq: 08 May 2019 22:53

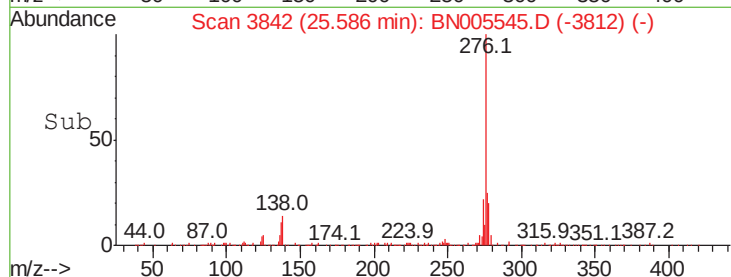
Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.8	17.9	26.9
277	26.1	19.7	29.5

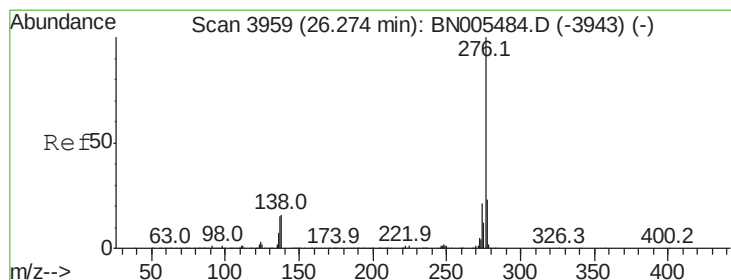


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

25.59



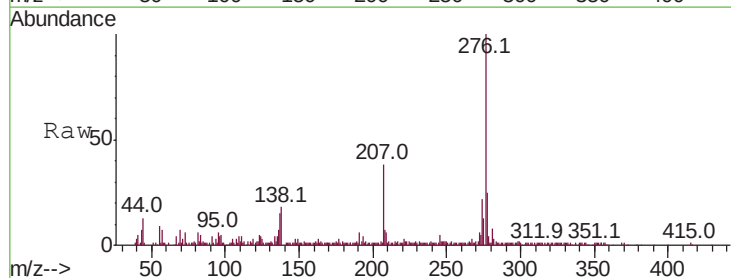
Time-->



#93

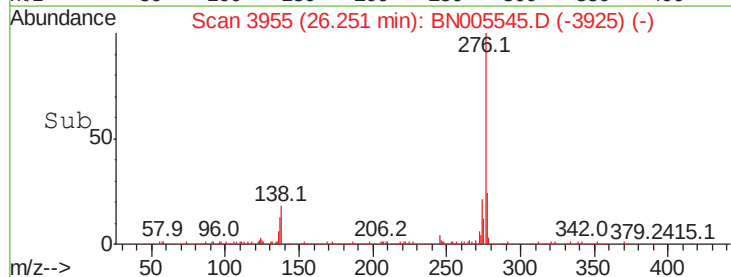
Benzo(g,h,i)perylene
Concen: 4.053 ng/ul
RT: 26.25 min Scan# 3955
Delta R.T. -0.02 min
Lab File: BN005545.D
Acq: 08 May 2019 22:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.1	16.7	25.1
277	24.9	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

26.25



Time-->