

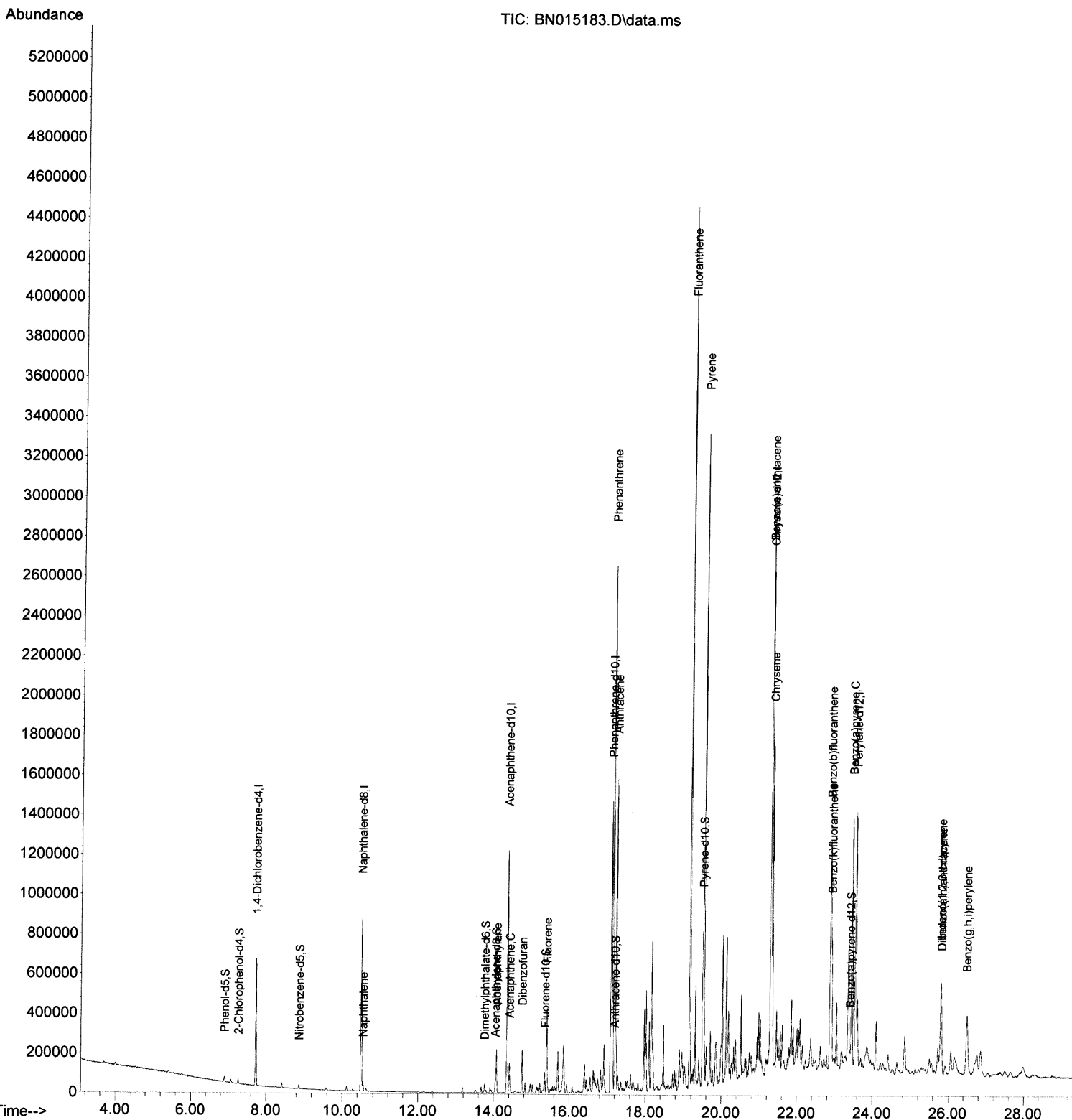
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDD3DL2

Manual Integrations
APPROVED

mohammad
6/29/2021 2:31:02 PM

Quant Time: Jun 29 07:08:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration



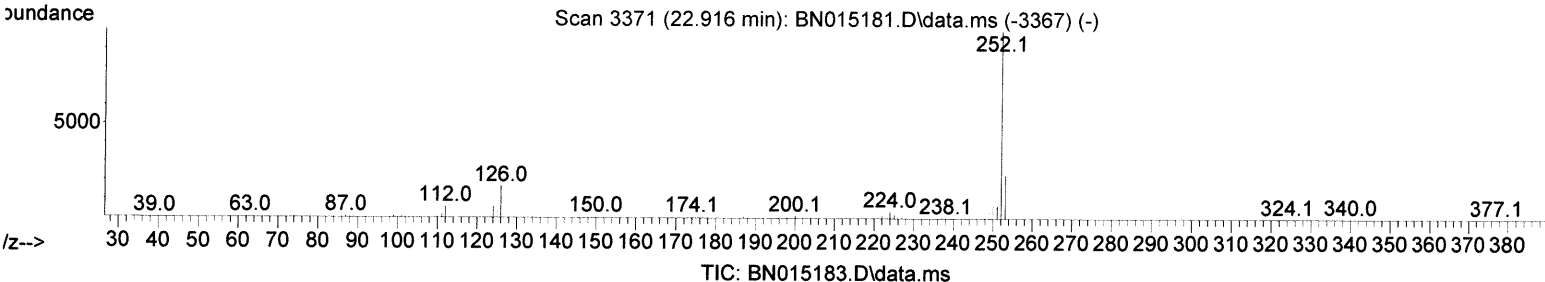
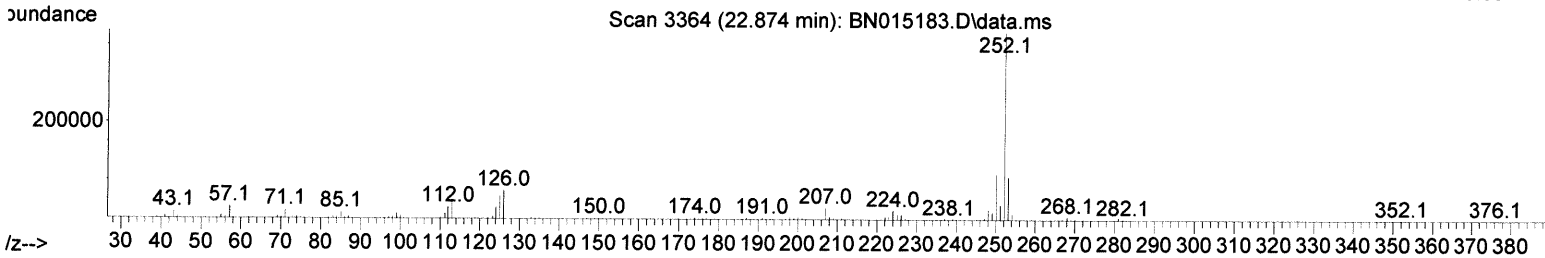
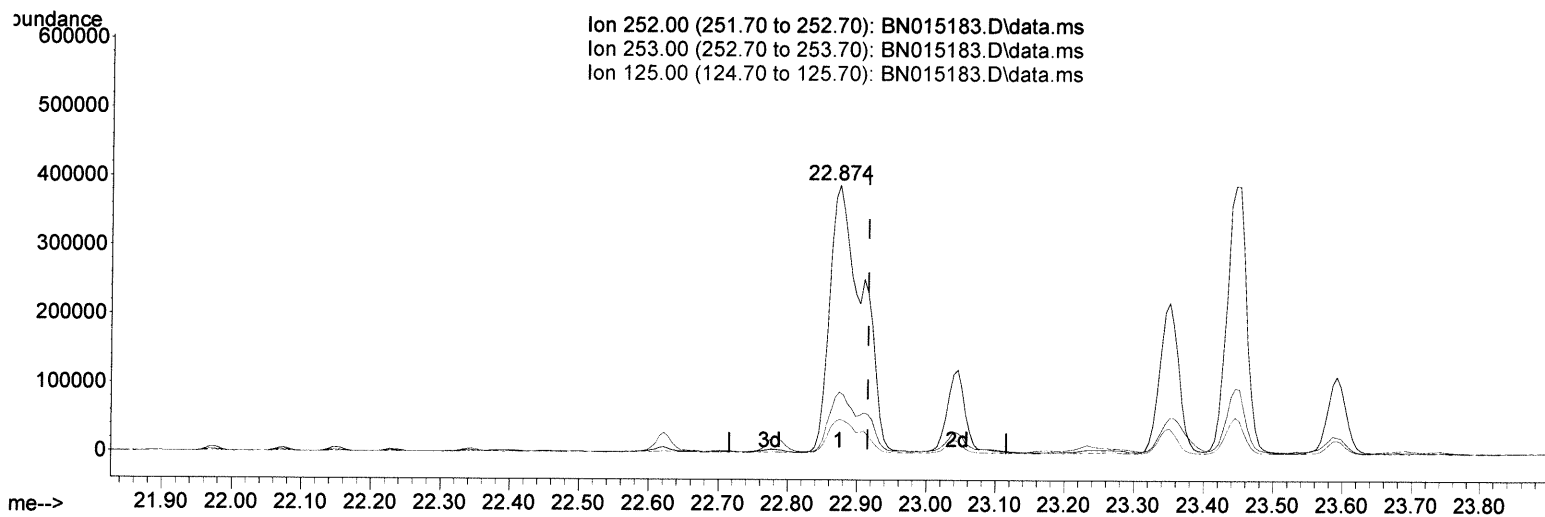
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(91) Benzo(k)fluoranthene

22.874min (-0.041) 18.32 ng/ul

response 955287

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	22.78
125.00	11.00	12.57
0.00	0.00	0.00

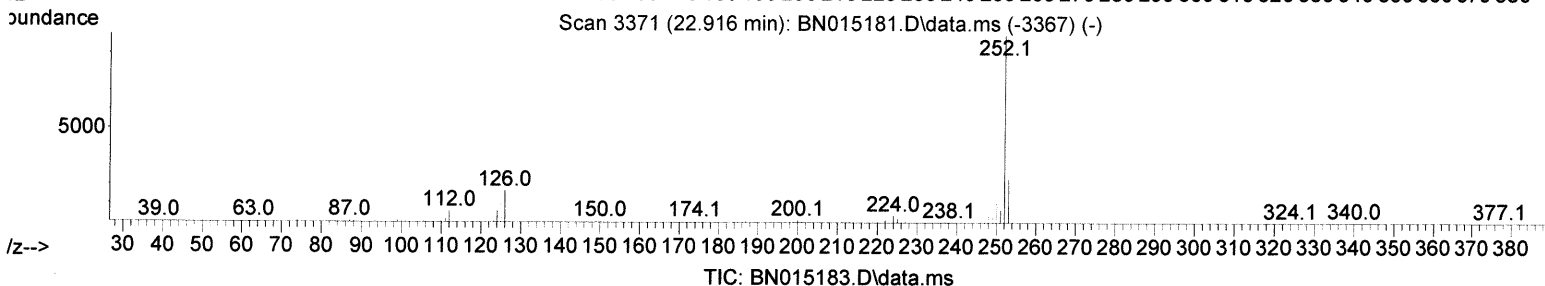
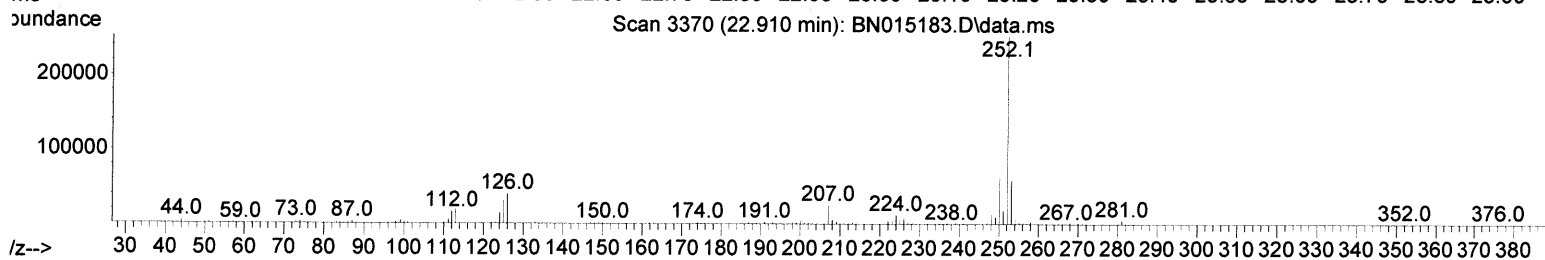
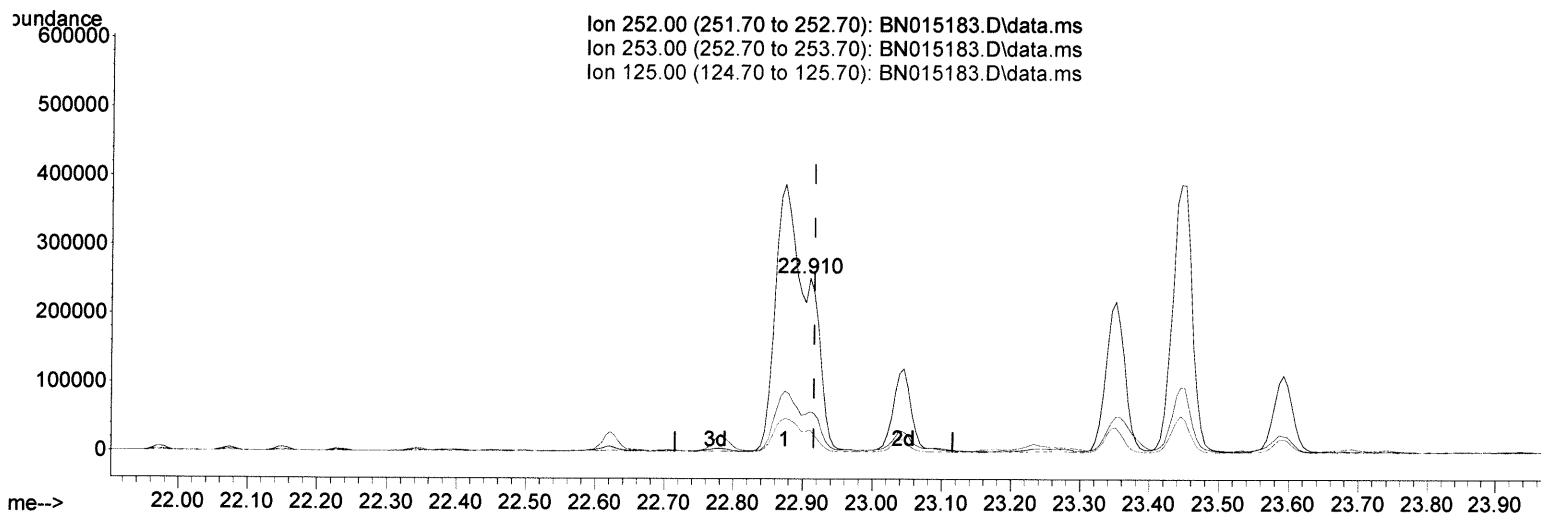
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(91) Benzo(k)fluoranthene

22.910min (-0.006) 5.83 ng/ul m

response 304044

JU 6/20/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	23.18
125.00	11.00	12.69
0.00	0.00	0.00

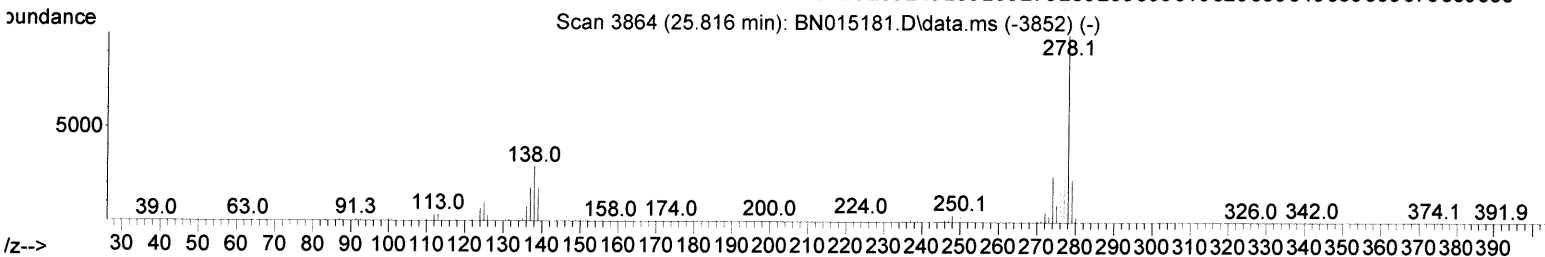
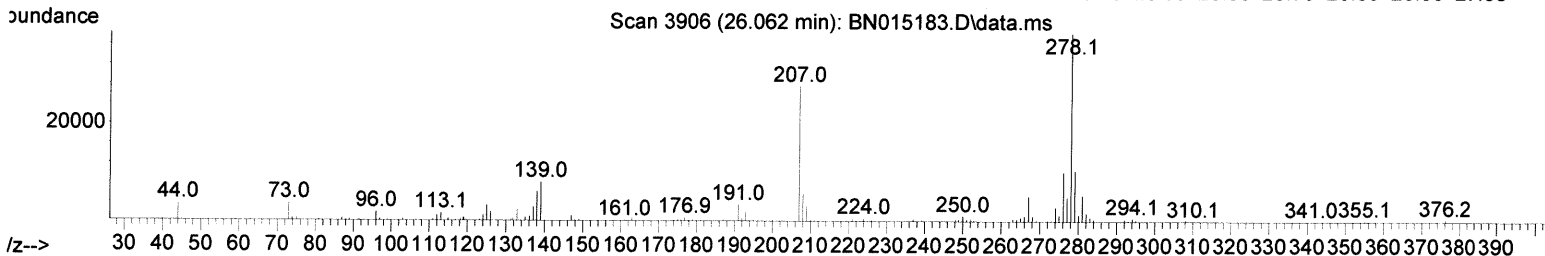
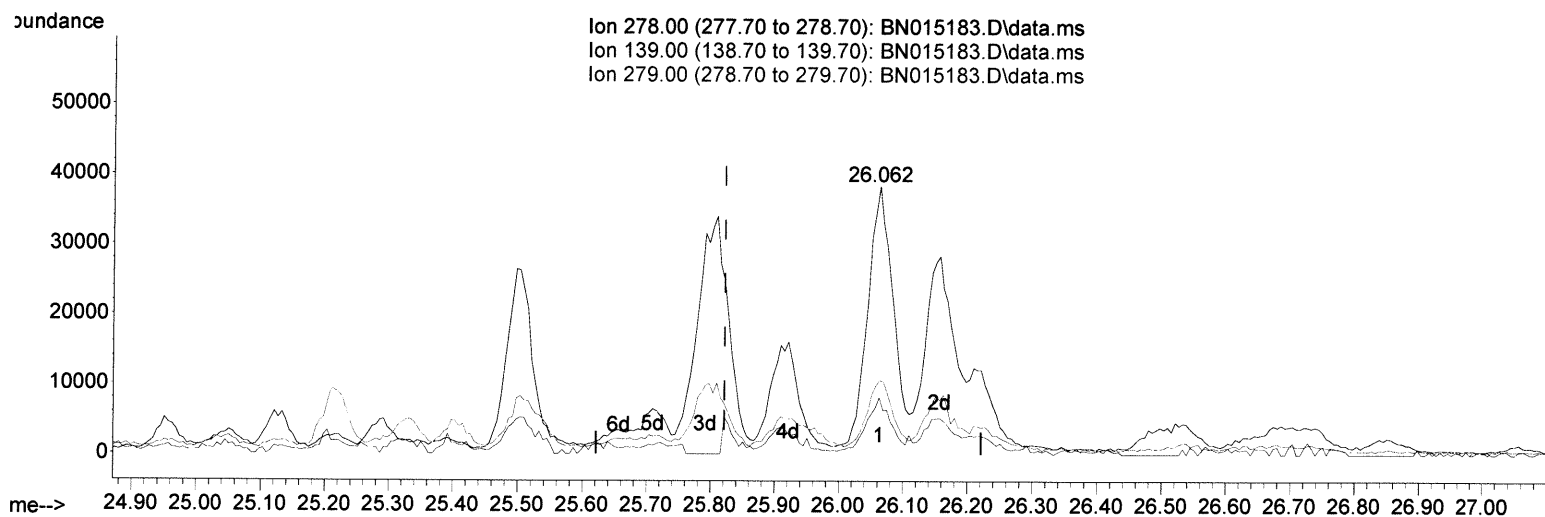
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Manual Integrations
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TIC: BN015183.D\data.ms

(95) Dibenzo (a,h) anthracene

26.062min (+ 0.241) 2.16 ng/ul

response 101710

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.50	21.25
279.00	25.30	27.48
0.00	0.00	0.00

Instrument :
BNA_N
ClientSampleId :
BGDD3DL2

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undance

50000

40000

30000

20000

10000

0

me-->

24.80 24.90 25.00 25.10 25.20 25.30 25.40 25.50 25.60 25.70 25.80 25.90 26.00 26.10 26.20 26.30 26.40 26.50 26.60 26.70 26.80 26.90

Ion 278.00 (277.70 to 278.70): BN015183.D\data.ms
Ion 139.00 (138.70 to 139.70): BN015183.D\data.ms
Ion 279.00 (278.70 to 279.70): BN015183.D\data.ms

25.809

6d 5d 3d 4d 1 2d

Label	m/z (approx)	Abundance (approx)
6d	25.60	2000
5d	25.65	1000
3d	25.75	1000
4d	25.85	500
1	26.05	1000
2d	26.15	500
Unlabeled	25.50	25000
Unlabeled	25.809	35000
Unlabeled	26.00	38000
Unlabeled	26.10	28000

undance

Scan 3863 (25.809 min): BN015183.D\data.ms

100000

50000

276.1

138.0

207.0

44.0 73.0 96.0 123.2 163.0 190.9 224.0 248.1 292.1 310.1 355.1 376.2

/z-->

m/z	Relative Abundance (approx)
44.0	10000
73.0	10000
96.0	10000
123.2	10000
138.0	40000
163.0	10000
190.9	10000
207.0	30000
224.0	10000
248.1	10000
276.1	100000
292.1	10000
310.1	10000
355.1	10000
376.2	10000

undance

Scan 3864 (25.816 min): BN015181.D\data.ms (-3852) (-)

278.1

5000

138.0

39.0 63.0 91.3 113.0 158.0 174.0 200.0 224.0 250.1 326.0 342.0 374.1 391.9

/z-->

TIC: BN015183.D\data.ms

0.00 0.00 0.00

al m
54 6/20/21

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Instrument :
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 ClientSampled :
 BGDD3DL2

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	173692	20.00	ng/ul	0.00
20) Naphthalene-d8	10.498	136	706344	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	417000	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	853993	20.00	ng/ul	0.00
79) Chrysene-d12	21.298	240	832519	20.00	ng/ul	0.00
88) Perylene-d12	23.545	264	855514	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	447	0.10	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	6.893	99	15200	1.01	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	8551	0.97	ng/ul	0.00
11) 2-Chlorophenol-d4	7.257	132	11601	1.01	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	10208	0.88	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	5011	1.04	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	3730	0.87	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	8519	0.84	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	9242	0.59	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	30137	1.05	ng/ul	0.00
49) Acenaphthylene-d8	14.039	160	39076	1.05	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.345	176	29187	1.17	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.198	188	48752	1.25	ng/ul	0.00
81) Pyrene-d10	19.498	212	54124	1.24	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.404	264	55552	1.32	ng/ul	0.00
Target Compounds				Qvalue		
30) Naphthalene	10.546	128	39379	1.09	ng/ul	97
50) Acenaphthylene	14.069	152	138428	3.95	ng/ul	97
52) Acenaphthene	14.410	153	61051	2.47	ng/ul	99
56) Dibenzofuran	14.751	168	118517	3.42	ng/ul	96
61) Fluorene	15.398	166	176971	6.45	ng/ul	96
72) Phenanthrene	17.139	178	1484820	32.94	ng/ul	98
74) Anthracene	17.227	178	949752	20.53	ng/ul	99
80) Fluoranthene	19.163	202	2451683	46.54	ng/ul	99
82) Pyrene	19.527	202	2020086	36.79	ng/ul	99
85) Benzo(a)anthracene	21.280	228	1033562	20.07	ng/ul#	90
87) Chrysene	21.333	228	828899	16.35	ng/ul	95
90) Benzo(b)fluoranthene	22.874	252	955287	18.54	ng/ul	99
91) Benzo(k)fluoranthene	22.910	252	304044m	5.83	ng/ul	99
93) Benzo(a)pyrene	23.445	252	763616	16.31	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	25.798	276	408081	7.18	ng/ul	94
95) Dibenzo(a,h)anthracene	25.809	278	104405m	2.22	ng/ul	99
96) Benzo(g,h,i)perylene	26.486	276	321882	6.55	ng/ul	98

> Ju 6/30/21
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(#) = qualifier out of range (m) = manual integration (+) = signals summed