

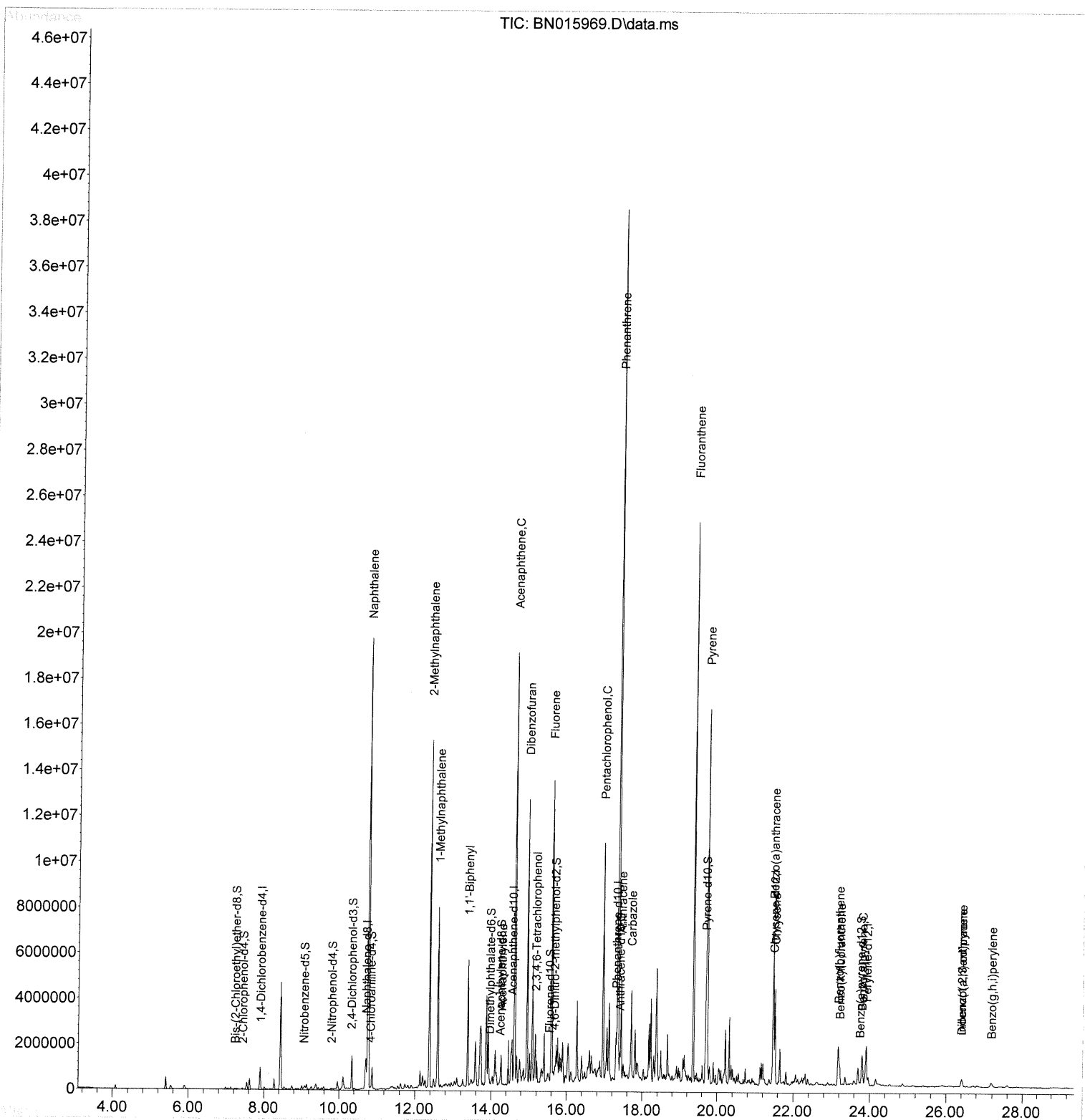
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015968.D
Acq On : 19 Aug 2021 11:49
Operator : CG/JU
Sample : M3399-05 30X
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
DBKA7

Manual Integrations
APPROVED

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Quant Time: Aug 19 12:30:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 17 09:43:53 2021
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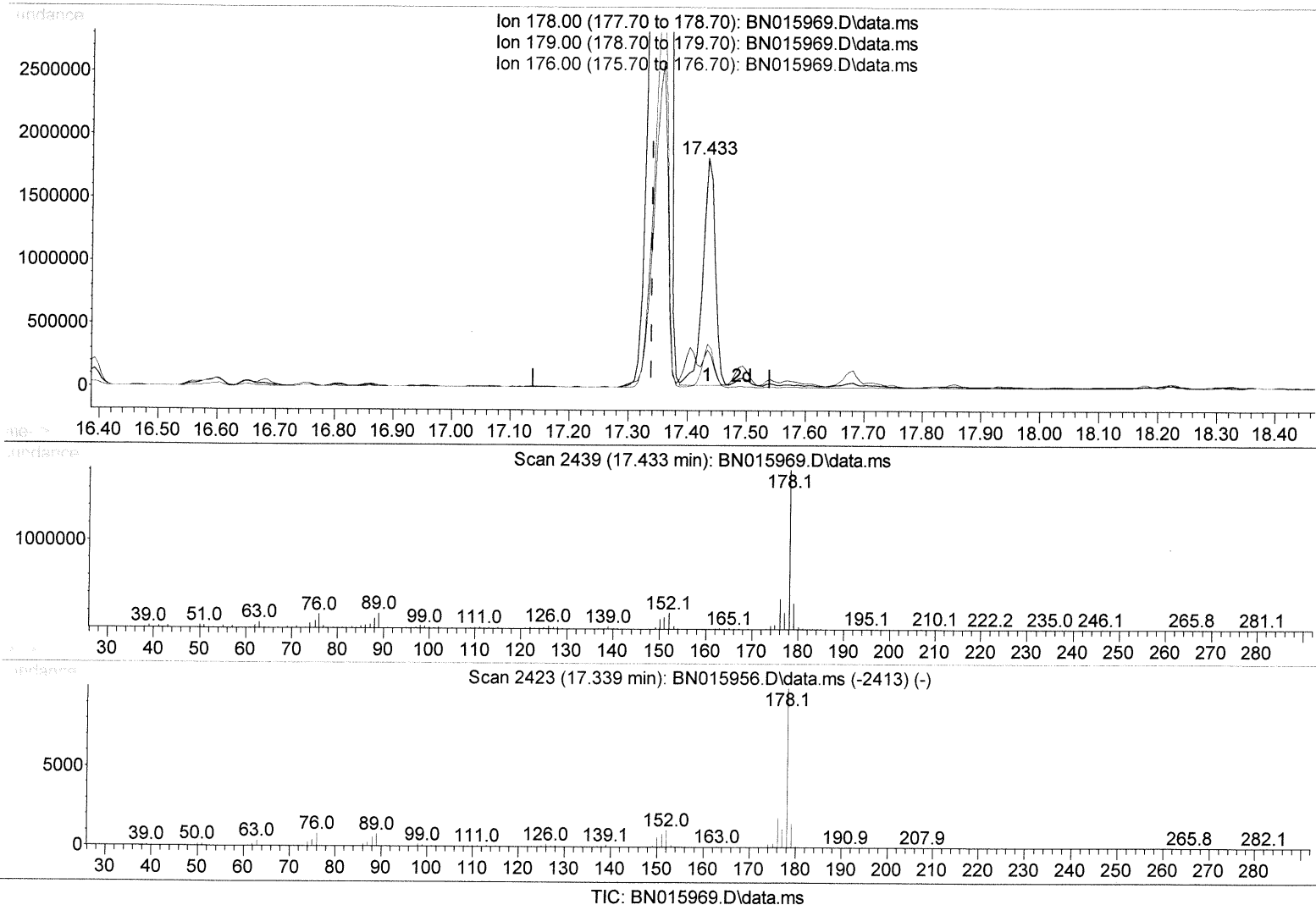
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(72) Phenanthrene

17.433min (+ 0.094) 37.56 ng/ul

response 2609630

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.31
176.00	18.20	18.93
0.00	0.00	0.00

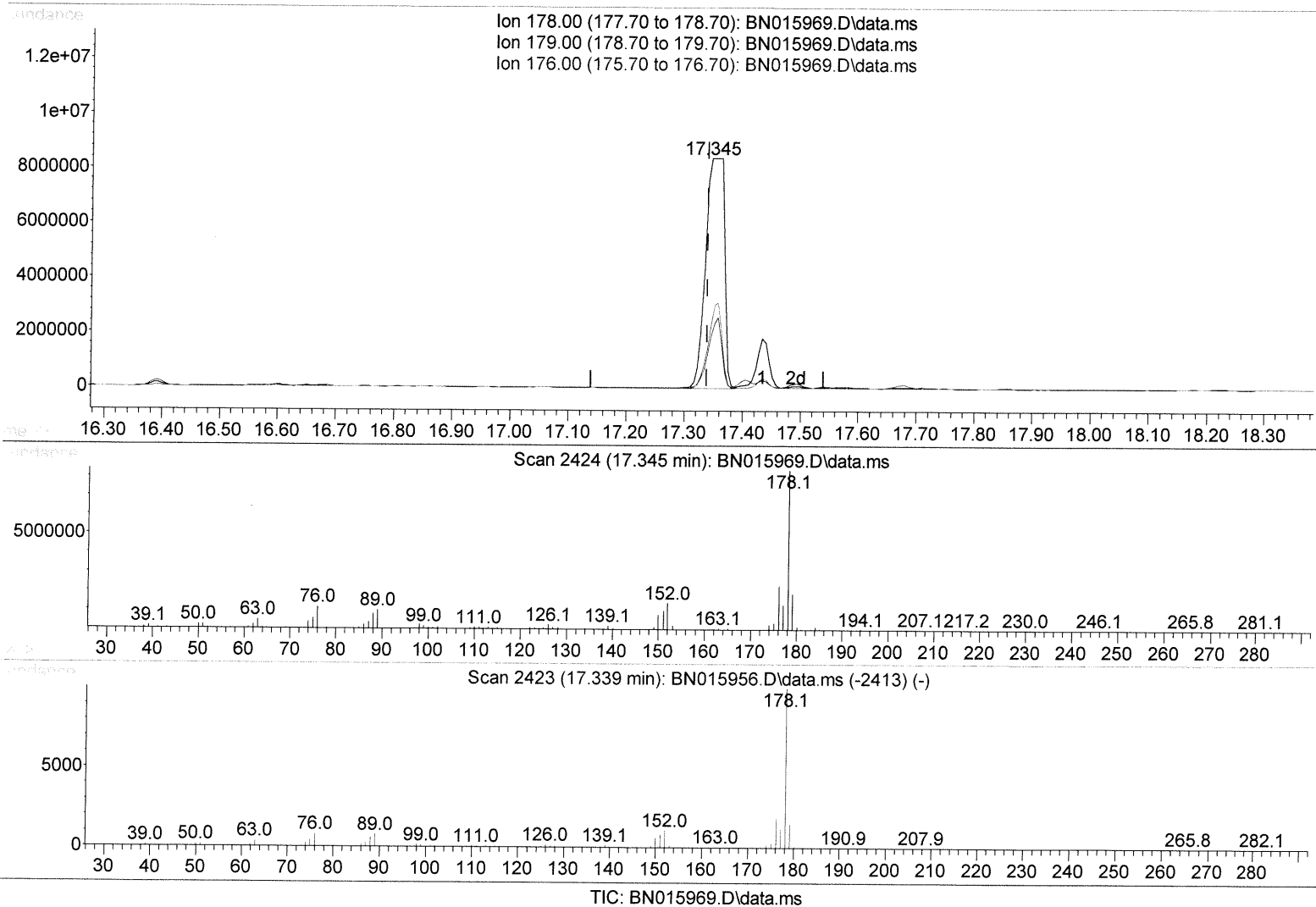
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(72) Phenanthrene

17.345min (+ 0.006) 269.12 ng/ul m

response 18695904

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	22.43#
176.00	18.20	27.45#
0.00	0.00	0.00

JU 8/20/21

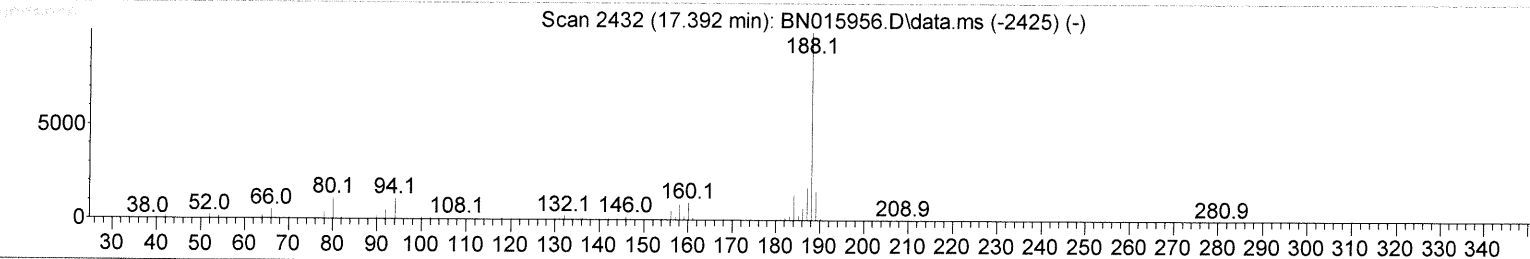
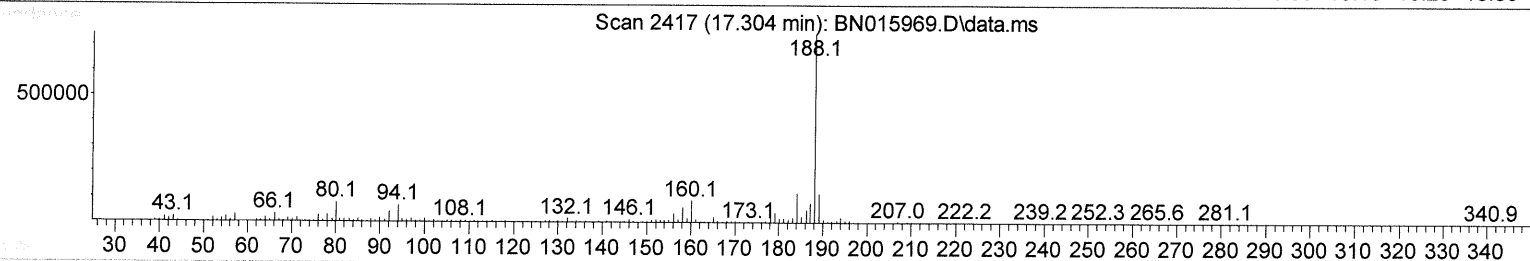
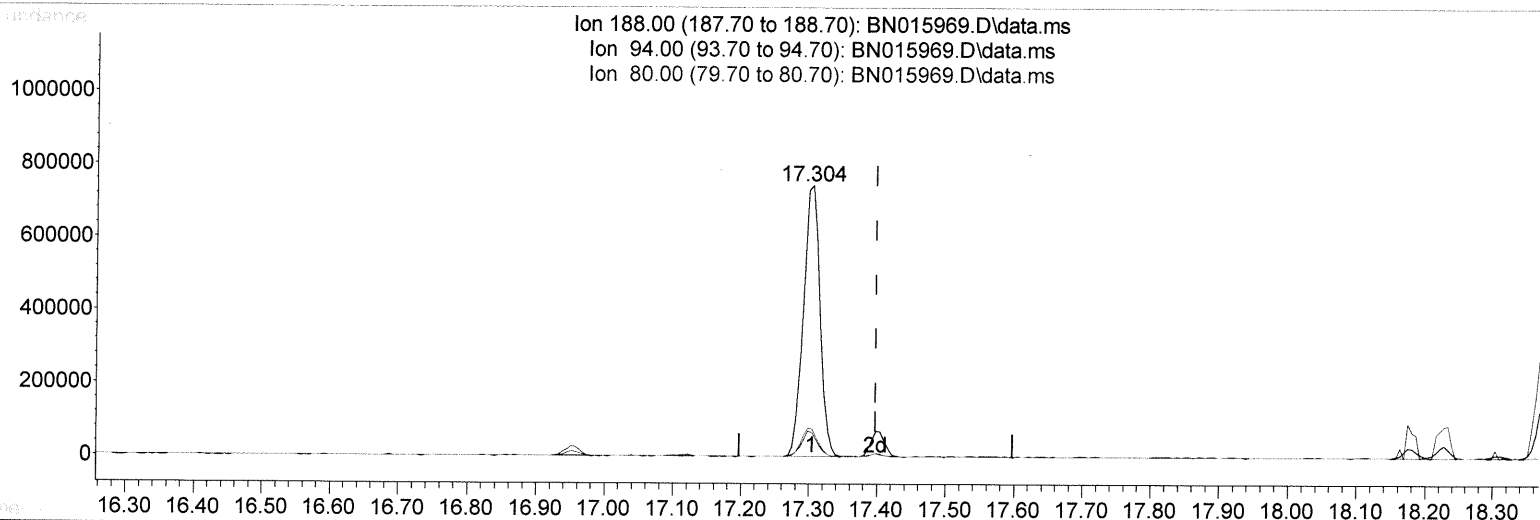
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(73) Anthracene-d10 (S)

17.304min (-0.094) 21.34 ng/ul

response 1278290

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.40	8.91
80.00	9.80	10.25
0.00	0.00	0.00

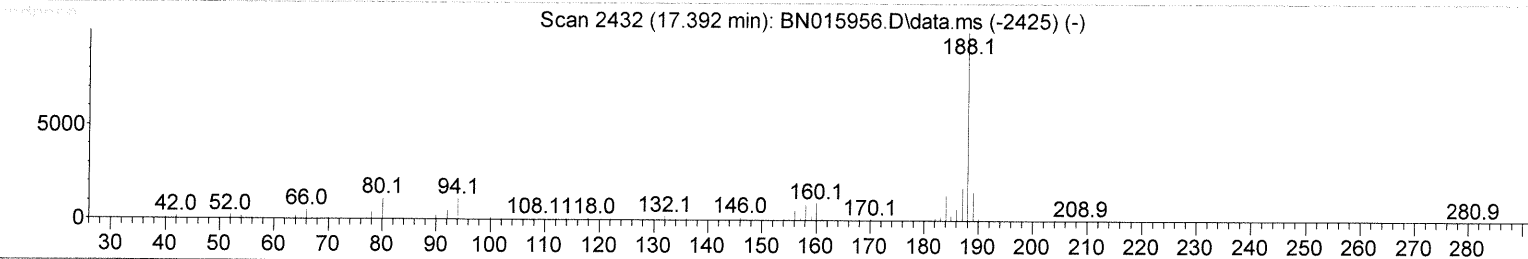
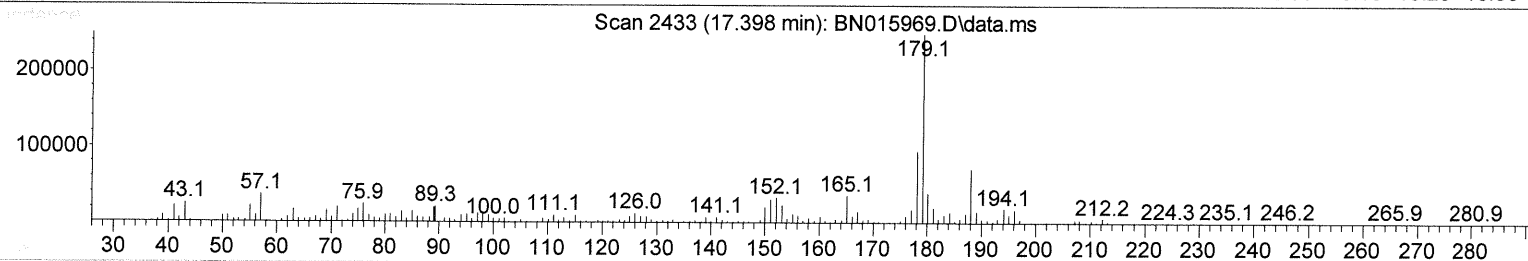
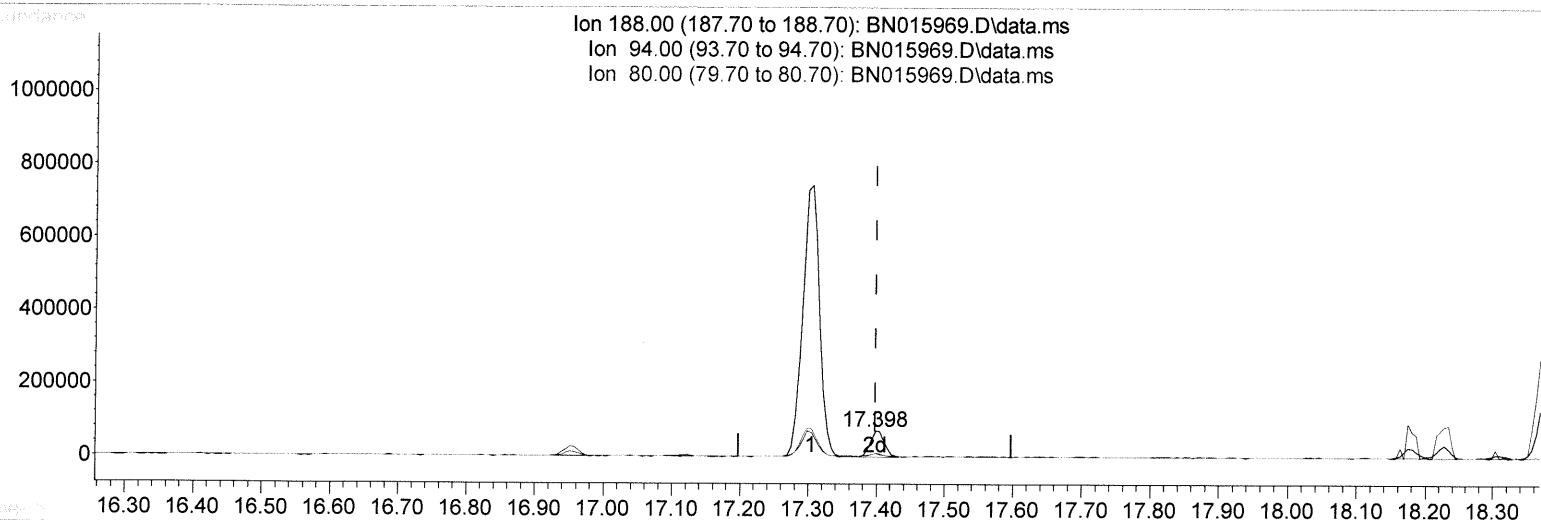
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(73) Anthracene-d10 (S)

17.398min (-0.000) 1.74 ng/ul m

response 104113

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.40	14.07#
80.00	9.80	14.12#
0.00	0.00	0.00

31820/21

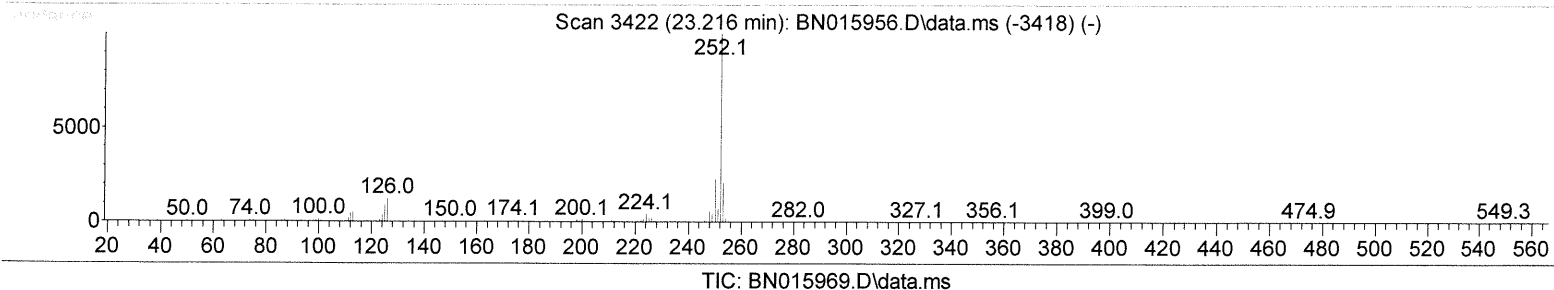
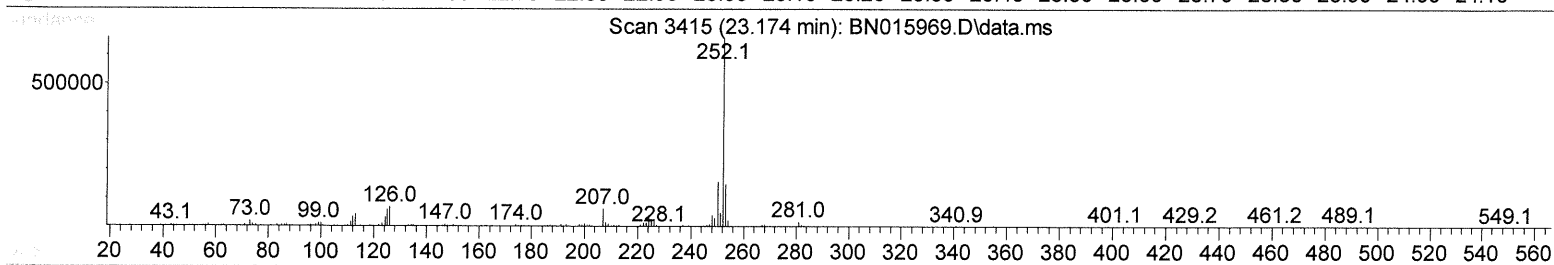
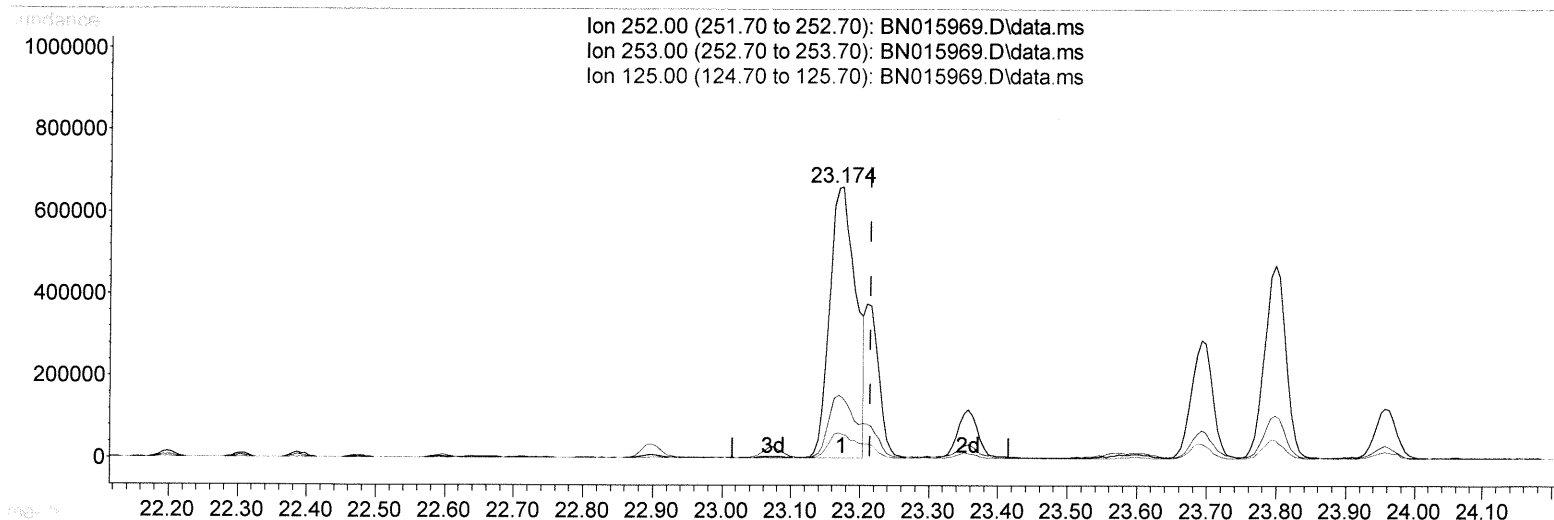
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(91) Benzo(k)fluoranthene

23.174min (-0.041) 19.94 ng/ul

response 1750898

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.30
125.00	8.80	8.95
0.00	0.00	0.00

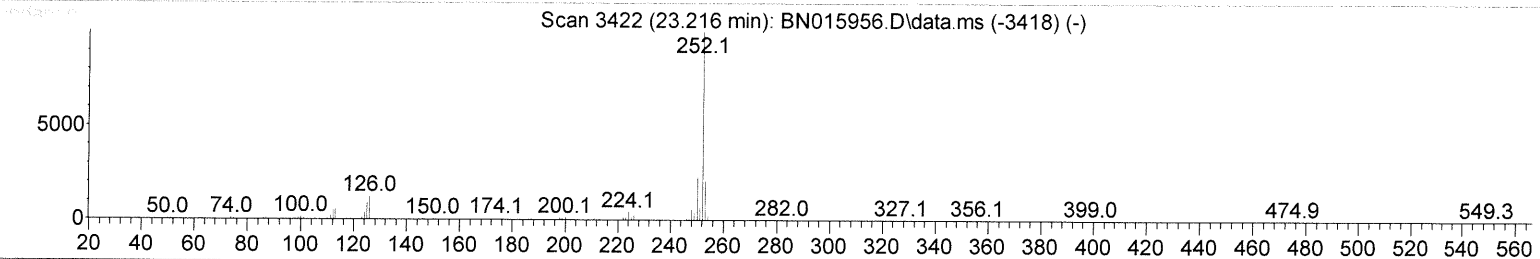
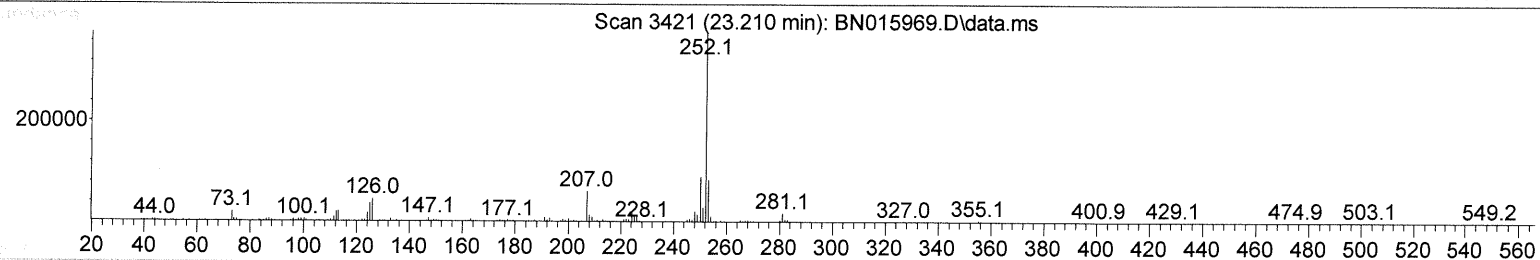
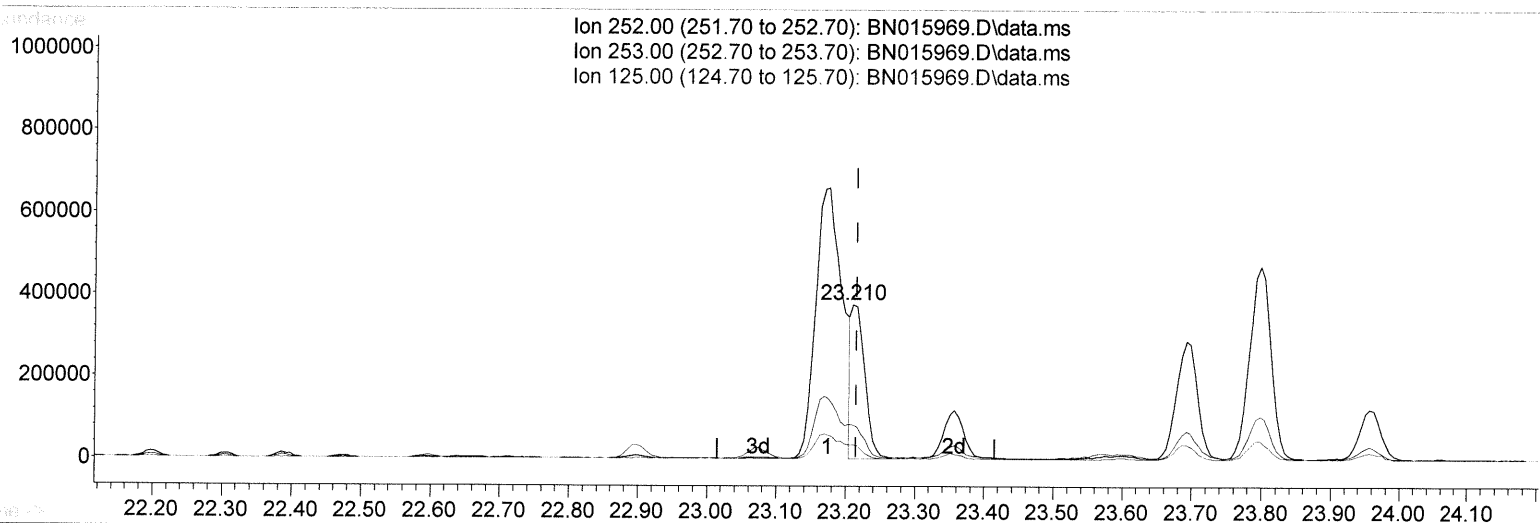
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 Misc :
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Instrument :
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TIC: BN015969.D\data.ms

(91) Benzo(k)fluoranthene

23.210min (-0.006) 5.77 ng/ul m

response 506317

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.22
125.00	8.80	9.54
0.00	0.00	0.00

2020/21

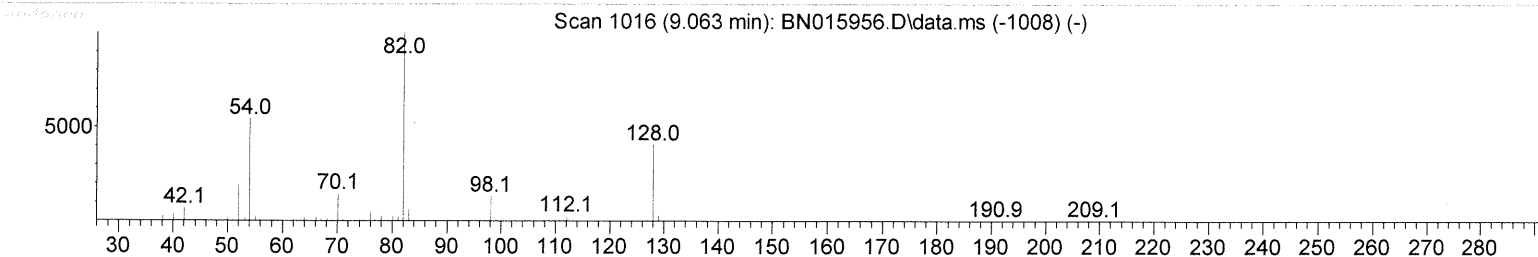
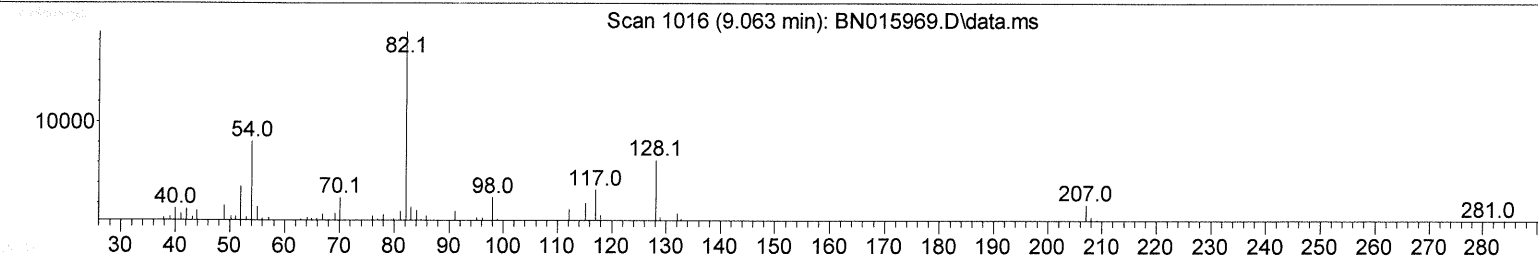
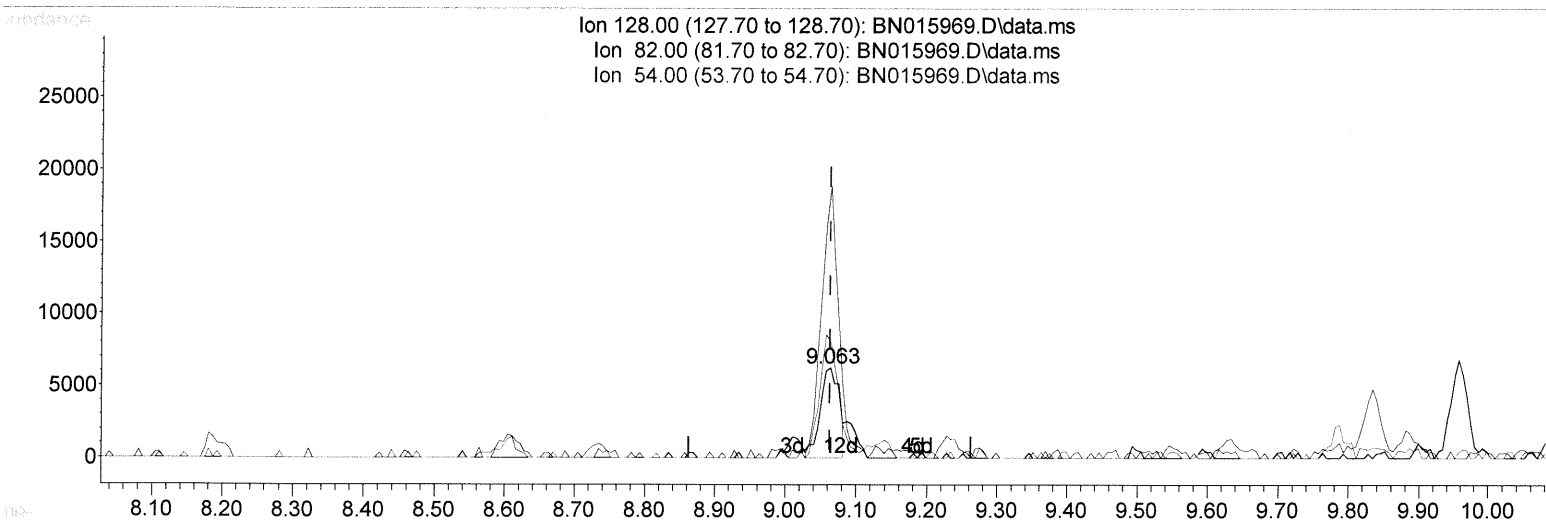
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TIC: BN015969.D\data.ms

(21) Nitrobenzene-d5 (S)

9.063min (-0.000) 1.49 ng/ul

response 11689

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	278.70	302.28
54.00	150.20	129.61
0.00	0.00	0.00

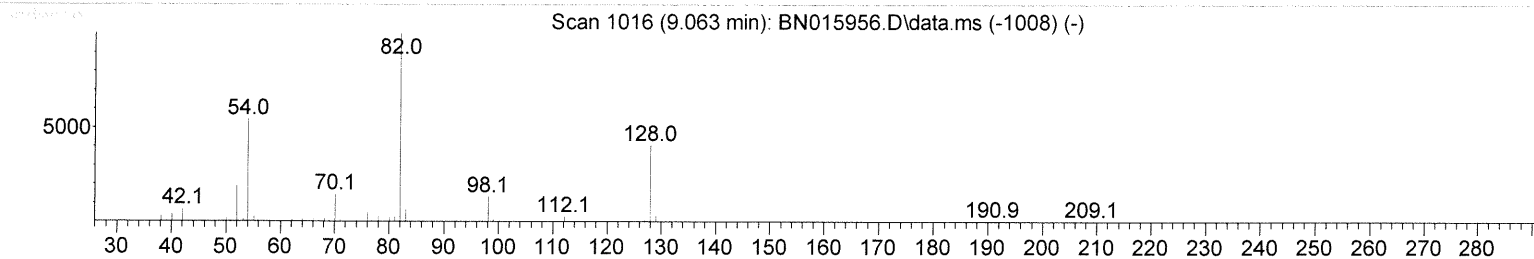
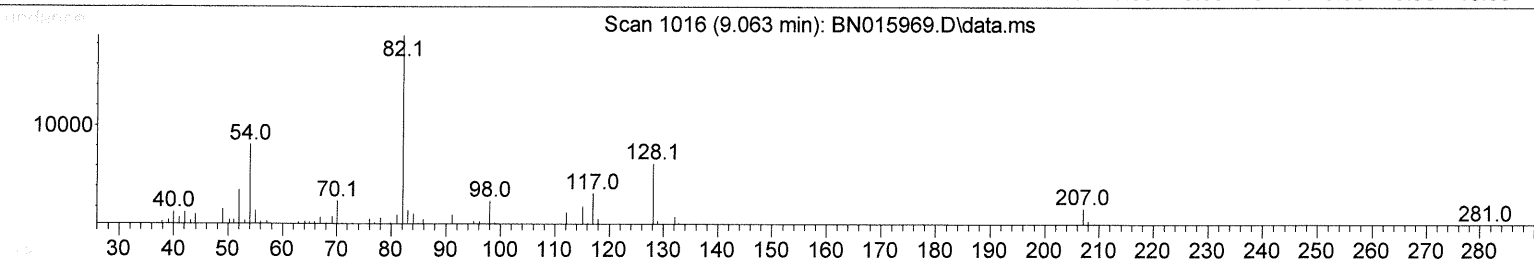
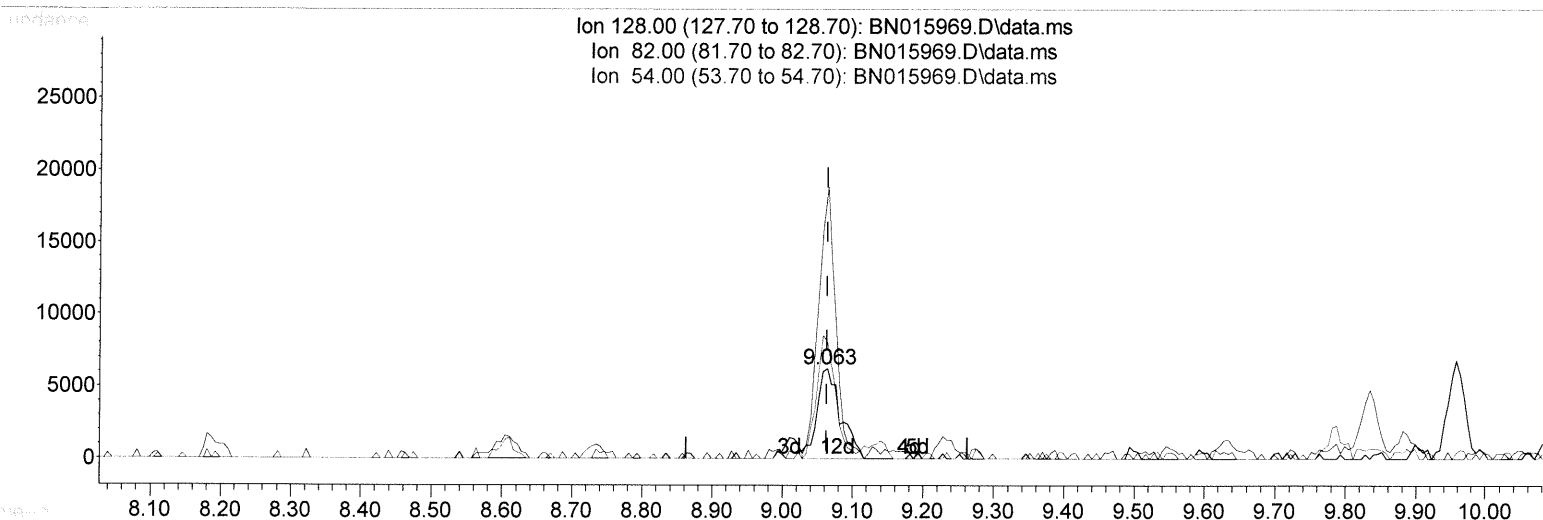
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 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
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TIC: BN015969.D\data.ms

(21) Nitrobenzene-d5 (S)

9.063min (-0.000) 1.86 ng/ul m

response 14614

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	278.70	302.28
54.00	150.20	129.61
0.00	0.00	0.00

34 8/20/21

Instrument :
BNA_N
ClientSampleId :
DBKA7

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Ion 278.00 (277.70 to 278.70): BN015969.D\data.ms
 Ion 139.00 (138.70 to 139.70): BN015969.D\data.ms
 Ion 279.00 (278.70 to 279.70): BN015969.D\data.ms

Intensity

m/z

26.709

1, 2d, 3d, 4d, 5d, 6d

Scan 4016 (26.709 min): BN015969.D\data.ms

Mass spectrum plot showing relative intensity (0 to 50,000) versus m/z (40 to 560). The base peak is at m/z 207.0. Other significant peaks are labeled at m/z 43.9, 73.1, 96.1, 126.1, 147.0, 177.1, 248.9, 278.1, 327.1, 355.0, 401.1, 429.0, 475.2, and 549.3.

Scan 3970 (26.439 min): BN015956.D\data.ms (-3953) (-)

278.1

5000

0

57.0 87.0 113.1 138.0 174.0 200.1 224.1 250.1 328.1 356.0 415.2 461.1 489.3

TIC: BN015969.D\data.ms

(95) Dibenzo(a,h)anthracene		
26.709min (+ 0.265)	0.41 ng/ul	
response	33607	
Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.80	13.88
279.00	24.90	25.19
0.00	0.00	0.00

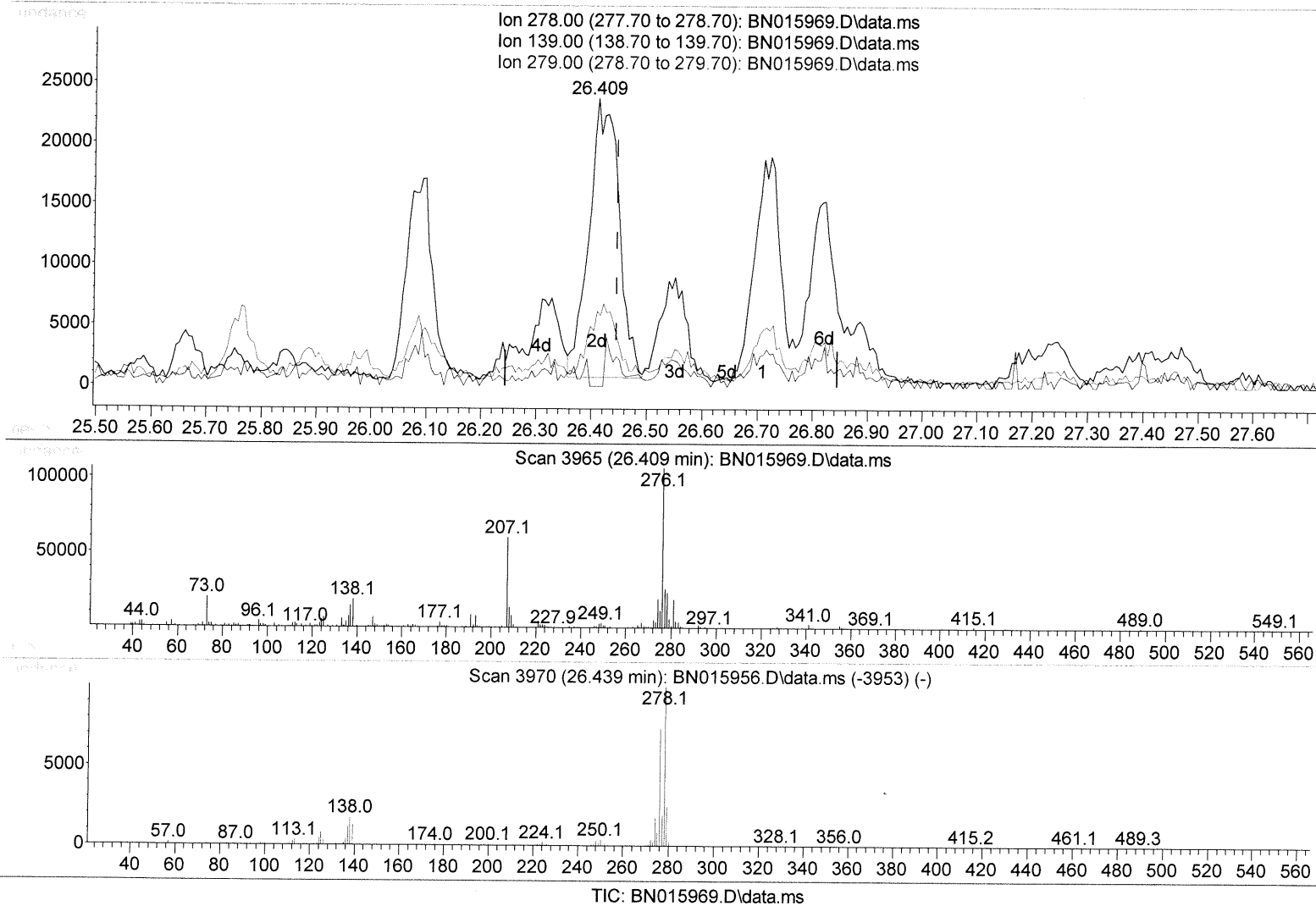
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(95) Dibenzo(a,h)anthracene

26.409min (-0.035) 1.06 ng/ul m

response 86584

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.80	0.00#
279.00	24.90	26.16
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	254769	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1065248	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	666300	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	1277921	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1312648	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1341643	20.000	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.334	96	1270	0.194	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.058	99	7288	0.316	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	20079	1.415	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	17241	1.051	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	12311	0.687	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	14614m	1.864	ng/ul	0.00 > JU 8/20/21
24) 2-Nitrophenol-d4	9.793	143	9314	1.269	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	18921	1.192	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	46466	1.922	ng/ul	-0.02
46) Dimethylphthalate-d6	13.957	166	74201	1.520	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	87196	1.426	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	467	0.054	ng/ul	0.00
60) Fluorene-d10	15.539	176	63977	1.502	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	17855	2.616	ng/ul	0.01
73) Anthracene-d10	17.398	188	104113m	1.738	ng/ul	0.00 > JU 8/20/21
81) Pyrene-d10	19.692	212	116650	1.650	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.745	264	105396	1.453	ng/ul	0.00

Target Compounds

						Qvalue
30) Naphthalene	10.763	128	16184316	283.672	ng/ul	99
36) 2-Methylnaphthalene	12.381	142	7298946	183.971	ng/ul	97
37) 1-Methylnaphthalene	12.593	142	3504833	88.751	ng/ul	99
43) 1,1'-Biphenyl	13.381	154	2146494	41.661	ng/ul	99
50) Acenaphthylene	14.269	152	295133	5.077	ng/ul#	87
52) Acenaphthene	14.616	153	8129873	193.347	ng/ul	99
56) Dibenzofuran	14.951	168	6858806	117.985	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.175	232	280259	26.321	ng/ul#	98
61) Fluorene	15.598	166	6046196	127.455	ng/ul	99
71) Pentachlorophenol	16.957	266	1828065	203.338	ng/ul	97
72) Phenanthrene	17.345	178	18695904m	269.116	ng/ul	> > JU 8/20/21
74) Anthracene	17.433	178	2609630	36.794	ng/ul	97
77) Carbazole	17.704	167	2264950	36.321	ng/ul	98
80) Fluoranthene	19.363	202	14315284	167.344	ng/ul#	93
82) Pyrene	19.727	202	10844486	121.804	ng/ul	97
85) Benzo(a)anthracene	21.469	228	2943846	34.856	ng/ul	99
87) Chrysene	21.521	228	2316885	28.334	ng/ul	94
90) Benzo(b)fluoranthene	23.174	252	1750898	19.850	ng/ul	98
91) Benzo(k)fluoranthene	23.210	252	506317m	5.765	ng/ul	> > JU 8/20/21
93) Benzo(a)pyrene	23.798	252	994381	12.454	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.409	276	313961	3.171	ng/ul	98
95) Dibenzo(a,h)anthracene	26.409	278	86584m	1.059	ng/ul	> > JU 8/20/21
96) Benzo(g,h,i)perylene	27.186	276	252646	3.086	ng/ul	96

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

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